



PSEG Long Island 2018 Emergency Restoration Plan

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TABLE OF CONTENTS

| | |
|---|-----------|
| 1. INTRODUCTION | 12 |
| 1.1 Program Review and Plan Responsibilities | 13 |
| 1.2 Purpose, Policies, and Objectives | 14 |
| 1.3 Structure of Plan | 15 |
| 1.3.1 Layout..... | 16 |
| 1.3.2 Incident Command System (ICS) | 17 |
| 1.3.3 Emergency Management Phases | 18 |
| 1.4 Service Territory..... | 20 |
| 1.4.1 Background | 20 |
| 1.4.2 System | 21 |
| 1.4.3 Operating Divisions | 22 |
| 1.4.4 Console Areas | 23 |
| 2. PERSONNEL RESPONSIBILITIES | 24 |
| 2.1 Senior Leadership at PSEG Long Island and PSE&G New Jersey | 24 |
| 2.2 Emergency Restoration Organizational Charts | 25 |
| 2.3 Roles and Responsibilities | 33 |
| 2.4 Supplemental ERP Contact Sheet | 38 |
| 2.5 Restoration RASIC Matrix..... | 38 |
| 3. MITIGATION ACTIVITIES | 39 |
| 3.1 Overview..... | 39 |
| 3.2 Community Outreach..... | 39 |
| 3.2.1 General Public | 39 |
| 3.2.2 First Response and Governmental Organizations | 40 |
| 3.2.3 Safety Partnerships | 41 |
| 3.3 Storm Hardening Efforts | 42 |

This document shall be revised every 1 year or incrementally as significant changes occur.

| | | |
|------------|--|-----------|
| 4. | WEATHER ASSESSMENT AND DAMAGE PREDICTIONS | 44 |
| 4.1 | Preparatory Responsibility | 45 |
| 4.2 | Weather Monitoring Approach | 45 |
| 4.3 | Storm Descriptions..... | 49 |
| 4.3.1 | Thunderstorms | 49 |
| 4.3.2 | Tropical Storms and Hurricanes | 49 |
| 4.3.3 | Winter Storms | 50 |
| 4.3.4 | Heat Storms..... | 50 |
| 4.3.5 | Flooding..... | 51 |
| 4.4 | Damage Predictions | 51 |
| 5. | EMERGENCY CLASSIFICATIONS AND ACTIVATIONS | 53 |
| 5.1 | Storm Assessment..... | 53 |
| 5.2 | Storm Level Classifications | 53 |
| 5.2.1 | Condition I “White” | 54 |
| 5.2.2 | Condition II “Blue” | 54 |
| 5.2.3 | Condition III “Red” | 55 |
| 5.2.4 | Storm Severity Matrix | 56 |
| 5.3 | Storm Activation and Notification..... | 58 |
| 6. | PRIORITY MATRIX GUIDELINES..... | 59 |
| 6.1 | Normal Conditions | 59 |
| 6.2 | Storm Conditions | 62 |
| 7. | OUTAGE MANAGEMENT SYSTEM (OMS) | 63 |
| 7.1 | Outage Management System (OMS) Tools..... | 64 |
| 7.1.1 | PragmaLINE | 66 |
| 7.1.2 | PragmaCAD | 69 |
| 7.1.3 | PragmaCALL..... | 70 |
| 7.1.4 | PragmaGEO Map Views..... | 71 |
| 7.1.5 | MOBLITE | 72 |

This document shall be revised every **1** year or incrementally as significant changes occur.

| | | |
|------------|--|------------|
| 7.2 | Other OMS Related Applications..... | 73 |
| 7.2.1 | Geographic Information System (GIS) Viewer..... | 73 |
| 7.2.2 | SAS Visual Analytics (VA) | 75 |
| 7.3 | External System Interfaces | 78 |
| 7.3.1 | Customer Accounting System (CAS) | 78 |
| 7.3.2 | Geographic Information System (GIS)..... | 79 |
| 7.3.3 | Employee Personnel..... | 79 |
| 7.3.4 | Interactive Voice Response (IVR), Web, Text | 80 |
| 7.3.5 | Supervisory Control And Data Acquisition (SCADA) | 80 |
| 7.3.6 | Outage Historian (OH) | 81 |
| 7.3.7 | Kubra Outage Map | 81 |
| 7.3.8 | External Interface to New York State Department of Public Service Electric Utility’s Emergency Outage Reporting System (EORS) Data | 84 |
| 7.3.9 | External Interface – Municipal Portal..... | 84 |
| 8. | ESTIMATED TIME OF RESTORATION (ETR) GUIDELINES | 88 |
| 8.1 | Overview..... | 88 |
| 8.2 | ETR Classifications and Inputs | 89 |
| 8.2.1 | ETR Classifications | 89 |
| 8.2.2 | ETR Inputs..... | 90 |
| 8.3 | ETR Strategies | 91 |
| 8.4 | ETR Conditional Strategies | 92 |
| 8.4.1 | Condition I “White” ETR Strategies | 93 |
| 8.4.2 | Condition II “Blue” ETR Strategies | 95 |
| 8.4.3 | Condition III “Red” ETR Strategies..... | 97 |
| 8.5 | New York State (NYS) Department of Public Service (DPS) ETR Guidelines..... | 101 |
| 9. | SAFETY, HEALTH, AND ENVIRONMENTAL (SHE) PROTOCOLS..... | 105 |
| 9.1 | Overview..... | 105 |
| 9.2 | Safety..... | 105 |
| 9.3 | Health | 107 |
| 9.4 | Environmental | 108 |

This document shall be revised every **1** year or incrementally as significant changes occur.

| | | |
|-------------|---|------------|
| 10. | LEGAL PROTOCOLS..... | 109 |
| 10.1 | Overall Approach and General Strategies..... | 109 |
| 10.2 | Emergency Orders and/or Actions | 109 |
| 10.2.1 | Coordination | 109 |
| 10.2.2 | Documentation Retention | 109 |
| 11. | LIAISON PROTOCOLS | 110 |
| 11.1 | Overall Approach and General Strategies..... | 110 |
| 11.1.1 | Elected Officials and Municipalities | 110 |
| 11.2 | External Affairs | 110 |
| 11.3 | District Managers..... | 111 |
| 11.4 | Liaisons | 111 |
| 11.4.1 | Municipal Liaisons..... | 111 |
| 11.4.2 | Emergency Operations Center (EOC) Liaisons | 112 |
| 11.5 | Coordination with Elected Officials and Municipalities | 113 |
| 11.6 | Municipal Calls..... | 114 |
| 11.7 | Escalation Processing and the Municipalities | 115 |

This document shall be revised every 1 year or incrementally as significant changes occur.

| | | |
|--------------|---|------------|
| 12. | COMMUNICATIONS PROTOCOLS | 116 |
| 12.1 | Overall Approach and General Strategies..... | 116 |
| 12.2 | Plan Methodology and Activation Descriptions..... | 117 |
| 12.2.1 | Communications Team Planning and Coordination | 118 |
| 12.3 | Key Actions and Responsibilities | 120 |
| 12.4 | Customer Care and Community Outreach | 121 |
| 12.4.1 | Municipal Hotline..... | 121 |
| 12.4.2 | Life Support Equipment (LSE) Customers | 122 |
| 12.4.3 | Community Outreach Centers | 127 |
| 12.5 | Customer Assistance Center (CAC) | 129 |
| 12.5.1 | Customer Assistance Center Staffing and High Volume Call Application (HVCA) Methodology | 130 |
| 12.5.2 | High Volume Call Application (HVCA) Utilization Parameters | 131 |
| 12.5.3 | Call Center Operations | 132 |
| 12.5.4 | Workforce Management..... | 132 |
| 12.5.5 | Customer Technology | 132 |
| 12.5.6 | CAC Command Center | 133 |
| 12.6 | Large Customer and Customer Relations..... | 133 |
| 12.6.1 | Department of Public Service (DPS) Call Center Coordination | 133 |
| 12.6.2 | Managed Accounts and Critical Facilities..... | 134 |
| 12.7 | The Municipal Portal | 141 |
| 12.8 | Escalation Tracker | 145 |
| 12.9 | Escalation Processing | 145 |
| 12.9.1 | Escalation Processing Team | 145 |
| 12.9.2 | Escalations Reporting..... | 146 |
| 12.10 | Corporate Communications | 147 |
| 12.10.1 | Internal Communications..... | 149 |
| 12.10.2 | External Communications | 149 |
| 12.10.3 | Media Coordination | 151 |
| 12.10.4 | Website and Social Media Coordination..... | 152 |

This document shall be revised every 1 year or incrementally as significant changes occur.

| | | |
|-------------|--|------------|
| 13. | OPERATIONS PROTOCOLS | 155 |
| 13.1 | Overall Approach and General Strategies..... | 156 |
| 13.1.1 | Restoration Protocols | 157 |
| 13.1.2 | Damage Assessment/Survey Protocols..... | 161 |
| 13.1.3 | Wire Down Protocols | 164 |
| 13.1.4 | Make Safe to Clear (MSTC) Protocols | 168 |
| 13.2 | System Headquarters Procedures | 170 |
| 13.2.1 | Key Actions and Responsibilities | 170 |
| 13.2.2 | Mobilization of Personnel | 170 |
| 13.2.3 | Operational Coordination with Other Utilities | 181 |
| 13.3 | Division Headquarters Procedures | 183 |
| 13.3.1 | Key Actions and Responsibilities | 183 |
| 13.3.2 | Transmission Circuit Protocols..... | 185 |
| 13.3.3 | Damage Assessment/Survey Protocols..... | 185 |
| 13.3.4 | Primary Control (PRC) Protocols | 187 |
| 13.3.5 | Area Control Protocols..... | 187 |
| 13.4 | Remote Dispatch Area Procedures | 189 |
| 13.4.1 | Key Actions and Responsibilities | 189 |
| 13.4.2 | Protocols for Decentralization | 190 |
| 13.4.3 | Emergency Switching | 192 |
| 13.5 | Emergency De-energization and Re-energization Protocols Due to Flooding | 193 |
| 13.5.1 | De-energization and Re-energization of Local Areas | 193 |
| 13.5.2 | De-energization and Re-energization of Homes and Businesses Affected by Flooding | 194 |
| 13.6 | De-escalation Protocols | 202 |

This document shall be revised every 1 year or incrementally as significant changes occur.

| | | |
|-------------|---|------------|
| 14. | PLANNING PROTOCOLS..... | 203 |
| 14.1 | Planning Section Chief..... | 204 |
| 14.2 | Situation Status Unit | 205 |
| 14.2.1 | Situation Status | 205 |
| 14.2.2 | Reporting | 206 |
| 14.2.3 | Coordination with Department of Public Service (DPS)..... | 207 |
| 14.3 | Resource Coordination Unit | 209 |
| 14.3.1 | Resource Coordination | 209 |
| 14.3.2 | Resource Assignment..... | 210 |
| 14.4 | Documentation Unit | 211 |
| 14.5 | Human Resources Unit..... | 212 |
| 14.6 | Demobilization Unit | 213 |
| 15. | LOGISTICS PROTOCOLS..... | 215 |
| 15.1 | Overview and Plan Methodology | 215 |
| 15.2 | Logistics Support Center (LSC) | 216 |
| 15.3 | Senior Leadership | 218 |
| 15.3.1 | Logistics Section Chief..... | 218 |
| 15.4 | Support Branch | 218 |
| 15.4.1 | Overview | 218 |
| 15.4.2 | Support Branch Director | 219 |
| 15.4.3 | Fleet Maintenance and Fueling Services Unit..... | 219 |
| 15.4.4 | Real Estate Unit..... | 219 |
| 15.4.5 | Facilities Unit..... | 220 |
| 15.4.6 | Information Technology (IT) / Communications Unit | 220 |
| 15.4.7 | Security Unit..... | 221 |

This document shall be revised every 1 year or incrementally as significant changes occur.

| | | |
|-------------|--|------------|
| 15.5 | Staging Branch | 222 |
| 15.5.1 | Overview | 222 |
| 15.5.2 | Staging Site Locations | 223 |
| 15.5.3 | Foreign Crew Processing (FCP) – Crew Reception Site and Office | 225 |
| 15.5.4 | Mobile Command Center(s) | 227 |
| 15.5.5 | Additional Staging Support | 228 |
| 15.5.6 | Staging Site Roles and Key Positions | 229 |
| 15.5.7 | Staging Site Area Manager | 229 |
| 15.5.8 | Fleet Unit Leader – Staging Sites | 229 |
| 15.5.9 | Site Prep Unit Leader – Staging Sites | 229 |
| 15.5.10 | Materials and Logistics Unit Leader – Staging Sites | 229 |
| 15.5.11 | Waste and Environmental Unit Leader – Staging Sites | 230 |
| 15.6 | Service Branch | 230 |
| 15.6.1 | Overview | 230 |
| 15.6.2 | Service Branch Director | 230 |
| 15.6.3 | Materials Procurement Unit | 230 |
| 15.6.4 | Materials Distribution Unit | 231 |
| 15.6.5 | Lodging Unit | 232 |
| 15.6.6 | Busing Unit | 232 |
| 15.6.7 | Meals Unit | 233 |
| 15.7 | National Guard Assistance – Logistics Support | 233 |
| 15.8 | Demobilization | 233 |
| 16. | FINANCE/ADMINISTRATION PROTOCOLS..... | 234 |
| 16.1 | Overall Approach and General Strategies..... | 234 |
| 16.2 | Cost & Reimbursement Unit | 234 |
| 16.3 | Compensation & Claims Unit | 235 |
| 16.4 | Time and Payroll Unit..... | 235 |

This document shall be revised every 1 year or incrementally as significant changes occur.

| | | |
|-------------|---|------------|
| 17. | DEPARTMENT OF PUBLIC SERVICE (DPS) SCORECARD PROTOCOLS | 236 |
| 17.1 | Emergency Response Performance Measurement Guide | 236 |
| 17.2 | Scorecard Categories..... | 237 |
| 17.2.1 | Preparation | 237 |
| 17.2.2 | Operational Response | 237 |
| 17.2.3 | Communications | 237 |
| 17.3 | Scorecard Metrics Owners Responsibility | 237 |
| 18. | TRAINING, EXERCISES, AND AFTER ACTION REVIEWS..... | 241 |
| 18.1 | Training and Exercises & Drills | 241 |
| 18.1.1 | Training | 241 |
| 18.1.2 | Drills & Exercises | 243 |
| 18.1.3 | Annual Hurricane Preparedness Tabletop Exercise | 247 |
| 18.2 | After-Action Reviews (AARs) and Continuous Improvement | 248 |
| 19. | APPENDICES | 251 |
| | Appendix A – Cross Reference Spreadsheet with Public Service Law NYCRR 105 | 251 |
| | Appendix B – ERIP Titles and Descriptions..... | 256 |
| | Appendix C – Restoration Checklists | 261 |
| | Appendix D – Critical Facilities | 262 |
| | Appendix E – Corporate Communications Media Contact List | 352 |
| | Appendix F – Key Contacts..... | 362 |
| | Appendix G – NAMAG Agreement | 377 |
| | Appendix H – Proceeding on Motion of the Commission to Consider Utility Emergency Performance Metrics | 396 |
| | Appendix I – National Guard Request Form | 444 |
| | Appendix J – Tropical Cyclone Resource Matrix Guide | 446 |
| | Appendix K – Acronyms and Abbreviations | 451 |
| | Appendix L – Supplemental ERP Contact Sheet | 455 |
| | Appendix M – NYS DPS Electric Utility’s Emergency Outage Reporting System (EORS) Data..... | 457 |
| | Appendix N – PSEG Long Island Informative Educational Videos | 460 |
| | Appendix O – PSEG Long Island RASIC Matrices | 462 |
| | Appendix P – Table of Figures | 463 |

This document shall be revised every **1** year or incrementally as significant changes occur.

1. INTRODUCTION

It is essential that there be a continual effort to harden the company's infrastructure and improve the resiliency of the electric system on Long Island and on the Rockaway Peninsula to anticipate, prevent, and withstand interruptions to our customers' electric service. The PSEG Long Island Emergency Restoration Plan (ERP) is designed to mitigate consequences when, in spite of such vigilance, electric service interruptions do occur during large-scale storm events and other system emergencies. The intent of this ERP is to ensure an efficient and well-coordinated restoration effort, with a commitment to continuously improving electric utility response to storms and storm-like emergencies.

This plan provides an overview of the organization, policies, and approaches utilized to prepare for and restore service to our customers following interruptions caused by severe storms or other catastrophic events. It outlines the scope of operations, logistics, and communications activities. It also details the strategies, processes, and assignments necessary for an efficient, well-coordinated storm restoration effort.

The plan is scalable and maintains the flexibility to provide for readiness and action as applied to events of moderate, significant, or severe scope and varied weather conditions. It details the organizational structure, responsibilities, and processes to restore electric service to our customers in a safe, expedient, and efficient manner, following interruptions caused by severe storms and other catastrophic events.

It is imperative that our customers, regulators, state, county, and municipal agencies, emergency service organizations, and the media be kept fully informed as to the severity and impact of each event, as well as the company's planned response, progress, and estimated time of restoration (ETR). The plan has application to virtually all electric emergencies and is executed in accordance with the particular event. It complies with all the rules and regulations of the Public Service Commission (PSC) at 16 New York Codes, Rules, and Regulation (NYCRR) Part 105 – Electric Utility Emergency Plans, as shown in Appendix A.

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1.1 Program Review and Plan Responsibilities

PSEG Long Island is committed to continuous improvement and thus its ERP is a living document, routinely incorporating changes and lessons learned to the betterment of the overall response. Accordingly, efforts are undertaken throughout the year to ensure that the ERP is updated and modified in a timely basis, and that any changes are appropriately communicated to all affected parties.

This notwithstanding, prior to December 15th of each year, PSEG Long Island reviews all relevant guidelines, protocols, and checklists relating to emergency restoration and revises them, as necessary, to comply with 16 NYCRR Part 105 on Electric Utility Emergency Plans and the New York State (NYS) Public Service Law (PSL).

Of particular note, all responsible organizations and individuals with restoration responsibilities review, revise, and/or update their key contact lists at least semi-annually. Moreover, at least semi-annually, all responsible organizations with restoration responsibilities issue updated lists of known changes to its employees that have plan implementation responsibilities. These lists include, but are not limited to:

- All PSEG Long Island emergency restoration personnel
- Key contacts from Public Service Electric & Gas (PSE&G) New Jersey
- Critical Facilities accounts
- Life Support Equipment (LSE) customers
- State, county, and local elected/municipal officials
- Law enforcement and other key emergency response organizations
- Human service agencies
- Medical facilities (i.e., hospitals, nursing homes, etc.)
- Utility counterparts including the Cable Television Company (CaTVCo), Telephone Company (TelCo), and Gas Company (GasCo)
- Mutual assistance agreements, contractors, and supporting companies
- Managers and operators of lodging facilities, restaurants, and other support facilities
- Staging sites
- Key materials vendors and suppliers
- Print and broadcast media contacts

All updates and changes to the above referenced lists are tracked and incorporated within PSEG Long Island's ERP filing each year.

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1.2 Purpose, Policies, and Objectives

This ERP was developed with input from all groups having direct responsibilities within the organization during an emergency response event. This includes input from PSEG Long Island employees, lessons learned from past storm events, best practices from PSE&G and other electric utilities/industry associations, as well as feedback from the NYS Department of Public Service (DPS) and other key stakeholder groups.

The ERP and associated procedures are appropriately activated in response to three scenarios:

- Mobilization to prepare for a major storm when a weather advisory has been issued by the National Weather Service (NWS), indicating that a major storm may impact Long Island and the Rockaways' Service Territory, within the next three to five days. Other credible weather prediction services may also project major storm events for the service territory.
- Mobilization due to a small storm that grows in intensity, or a forecasted small storm, which results in a more severe outcome than originally predicted
- Mobilization to emergency events, due to other causes where widespread outages have occurred

The ERP is enacted, either partially or in totality, whenever a large-scale interruption of electric service occurs, or is anticipated, as it provides the framework for establishing uniform readiness and guidelines for prompt, standardized action. It establishes a structure for determining an event's severity (classification) and defines the appropriate measures to be implemented in response to the projected event.

In the event of an interruption of electric service, PSEG Long Island's crews work around the clock to restore power to customers. The primary focus is the health and safety of employees, contractors, and the public. Crews work to restore power to the largest numbers of customers first, taking into account "critical facility" customers, such as hospitals, police stations, fire stations, water/sewer facilities, communications facilities (Television/Radio/Telephone), and other public safety venues. At the same time, PSEG Long Island restores power to homes and businesses, beginning with substation and transmission facilities, and then moves to three-phase main line and eventually to local neighborhoods, systematically addressing the circuits serving the largest number of customers first.

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PSEG Long Island treats communications as a key element in the overall restoration effort, striving to provide timely and accurate information to our customers and stakeholders prior to, during, and following the impact of an event. Among other mediums, the Company utilizes localized conference calls with elected officials and municipalities, executive level outreach, press conferences and media briefings, as well as other traditional and social media channels to deliver effective communications.

1.3 Structure of Plan

The ERP is presented as a top down, blueprint of operations that incorporates an all-hazard approach, which details key strategies and guidelines that are used by PSEG Long Island during all phases of an emergency. It is structured to follow the chronological order of preparing for, and responding to, an emergency, focusing on the efforts performed by the primary functional areas, including Operations, Logistics, and Communications.

The ERP is supported by internal, proprietary documents, including our Emergency Response Implementation Procedures (ERIPs), which provide the tactical details (i.e., procedures and plans) associated with the storm response. These ERIPs offer activity and role specific details to be followed, throughout the Long Island and the Rockaways' service territory, in the event of large-scale electric service interruptions (see Appendix B for a listing of associated ERIPs).

Pre-storm checklists have also been created for key positions in the restoration process. These checklists detail high-level action items performed pre-impact, and include approximate time frames for completion. The checklists provide consistency from event-to-event and work in conjunction with PSEG Long Island's ERP and ERIP documents. A full listing of restoration checklists can be found in Appendix C.

The aforementioned procedures are developed with input from all groups having direct responsibilities for implementation. They provide the framework for establishing uniform readiness and guidelines for prompt, standardized action. They offer detailed procedures to be utilized with respect to the mobilization of mutual assistance and instructions for communication and logistical support, to be followed throughout Long Island and Rockaways' Service Territory whenever large-scale interruptions of electric service occur.

To be effective, it is vital that all elements of the ERP and supporting internal ERIPs and attachments continue to be thoroughly reviewed and updated by participating employees/organizations through collaboration, training, regularly scheduled review sessions, and scenario-based drills and exercises.

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1.3.1 Layout

The ERP is organized in a chronological perspective, starting with pertinent company and service territory information. The plan then includes all restoration organizational charts and descriptions of key roles and responsibilities. Next, the plan focuses on PSEG Long Island's pre-storm initiatives and key guidelines/systems that are utilized during an emergency. The ERP then describes the protocols of our major functional areas during activation. All emergency actions and responsibilities have been coordinated under Incident Command System (ICS) units for organizational and accountability purposes. The breakdown is as follows:

- 1) Safety, Health and Environmental (SHE)
- 2) Legal
- 3) Liaison
- 4) Communications
- 5) Operations
- 6) Planning
- 7) Logistics
- 8) Finance

Finally, the ERP details post-event performance review initiatives, and includes all relevant appendices, needed to support our emergency response efforts. Among other pertinent information, the appendices include a full listing of our formal storm response procedures (ERIPs) and checklist documents, critical customer and facility listings, key contacts, and emergency agreements.

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1.3.2 Incident Command System (ICS)

PSEG Long Island continues to adopt, refine, and implement components of the Federal Emergency Management Agency's (FEMA) National Incident Management System (NIMS) in its storm response process. NIMS provides a guideline for all levels of government, including the private sector, to work together to prevent, protect, mitigate, respond, and recover from emergencies and/or incidents. NIMS provides a comprehensive approach when coordinating incidents and defines key operational systems including ICS, Emergency Operations Center (EOC) structures and coordination between agencies and organizations.

ICS has been successfully utilized, for more than 40 years, in both emergency and non-emergency applications. All levels of government are encouraged to incorporate differing levels of ICS. Private sector organizations, including many electric utilities, now regularly use ICS for management of events. ICS provides a common platform to enhance coordination with local governments and incident response agencies. Additionally, the use of ICS facilitates the meeting of basic goals of clear communication, accountability, and the efficient use of resources common to incidents, such as electric power restoration and emergency management.

PSEG Long Island continues to incorporate ICS training among its employees in accordance with ICS competencies and goals. ICS training is encouraged among employees to further their incident knowledge, skills, and capabilities when coordinating with external agencies. PSEG Long Island's Emergency Preparedness (EP) Organization will review and determine relevant training for restoration personnel (i.e., EOC training for liaisons, ICS training for management, etc.). Senior Leadership and key personnel are also encouraged to participate in more advanced and/or position specific training (i.e., ICS for executives, Logistics Section Chief training, etc.), when appropriate. As PSEG Long Island continues its transition to using ICS for incident response, the ERP is updated to accurately reflect roles, responsibilities, and any changes to organizational structure or processes that become necessary.

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1.3.3 Emergency Management Phases

PSEG Long Island's ERP also incorporates the Emergency Management Cycle into its current methodology, structure, and planning initiatives. The Emergency Management Cycle is broken down into four revolving phases: Mitigation, Preparedness, Response, and Recovery (see Figure 1.1).

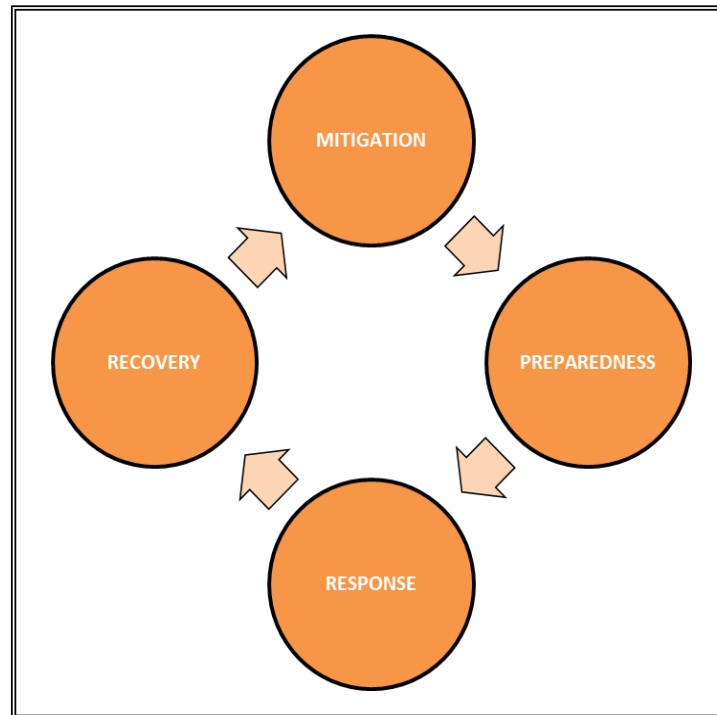


Figure 1.1 – Emergency Management Cycle

The following briefly describes the phases within the Emergency Management Cycle:

- 1) Mitigation – This phase includes actions taken to prevent or reduce the cause, impact, and consequences of disasters.
- 2) Preparedness – This phase includes planning, training, and educational activities in preparation for anticipated events.
- 3) Response – This phase includes the operational activities performed, post-impact, due to the event.
- 4) Recovery – This phase includes the efforts taken to return operations to normal conditions.

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By effectively aligning its emergency response activities with this cycle, PSEG Long Island ensures that its plans, processes, procedures, and personnel are well positioned to provide a safe and efficient response. This includes restoration of electric power, as well as timely and accurate communications to customers and other key stakeholder groups. Key aspects of the cycle include:

- Conducting appropriate and effective risk assessments across the organization (including operations, logistics, and communications functions)
- Developing appropriate prevention or risk mitigation strategies
- Developing comprehensive emergency preparedness processes, plans, and procedures
- Providing appropriate training, drills, and exercises to ensure readiness of the workforce
- Executing the ERP with appropriate resources to address the given emergency
- Communicating in a timely and accurate manner with customers and other key stakeholders across a wide variety of communications' mediums
- Recovering from events in an expeditious manner
- Openly embracing continuous improvement, utilizing a thorough and comprehensive After-Action Review (AAR) process

Incorporating the Emergency Management Cycle into PSEG Long Island's ERP encourages preparation to occur at all phases of an emergency. The cycle highlights the interrelationships that occur between phases, and their reliance on one another. Therefore, efforts conducted at one phase will have an impact on another segment at a later stage.

PSEG Long Island's ERP is a continuously evolving document with planning occurring at all phases of the Emergency Management Cycle. While preparatory and planning efforts are "stepped up" in preparation for approaching storms, the planning, education, and training process is continuous and takes place throughout the year.

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1.4 Service Territory

1.4.1 Background

Long Island is the largest island adjoining the continental United States, extending approximately 118 miles east-northeast from the mouth of the Hudson River. It is separated from the mainland on the north by the Long Island Sound, and bounded by the Atlantic Ocean to the south and east. Twenty miles at its widest point, Long Island is composed of low plateaus on the north, longitudinal ridges of glacial moraine through the central parts of the island, and gently sloping plains to the south.

The East End of the island is made up of two peninsular forks. The North Fork, terminating at Orient Point, is approximately 28 miles long. Plum Island and Fishers Island lie northeast of Orient Point. The South Fork, terminating at Montauk Point, is about 44 miles in length. Peconic and Gardiners Bays separate the two forks. Shelter Island lies between Peconic Bay and Gardiners Bay. Gardiners Island is located in Gardiners Bay.

Totaling 1,377 square miles of land area, Long Island is divided into four counties: Kings (Brooklyn), Queens, Nassau, and Suffolk. Suffolk is the easternmost county and by far the largest of the four, covering an expanse of 911 square miles. Moving westward from Suffolk County is Nassau County with 287 square miles. Next is Queens County with 109 square miles, followed by Kings County, the westernmost county, with 70 square miles. Kings and Queens Counties are synonymous with the Boroughs of Brooklyn and Queens, which are within the jurisdiction of New York City (NYC).

The topography of the region is very unique and varies throughout the service territory. Long Island includes large residential communities, rural areas, and beachfront properties. Long Island is also heavily treed, with a large amount of rear property facilities supporting electric service (i.e., poles and wires run through customer backyards). PSEG Long Island aims to tailor its restoration actions based on the territory's overall layout and unique challenges.

This document shall be revised every 1 year or incrementally as significant changes occur.

1.4.2 System

PSEG Long Island provides electric service to more than 1.1 million customers within Long Island and the Rockaways' Service Territory, which consists of Nassau County, Suffolk County, and the Fifth Ward of Queens County (Rockaway Peninsula). There are also three municipally owned utilities, within the service territory, whose customers are not directly served by PSEG Long Island. These municipalities include Freeport, Rockville Centre, and Greenport. For operational purposes, the Long Island and Rockaways' Service Territory is divided into four Divisional Areas (Queens/Nassau, Central, Western Suffolk, and Eastern Suffolk). Divisions are then segregated further into sixteen consoles, which span the entire service territory. Each division and console encompasses a number of municipalities, villages, and/or towns (see Figure 1.2).

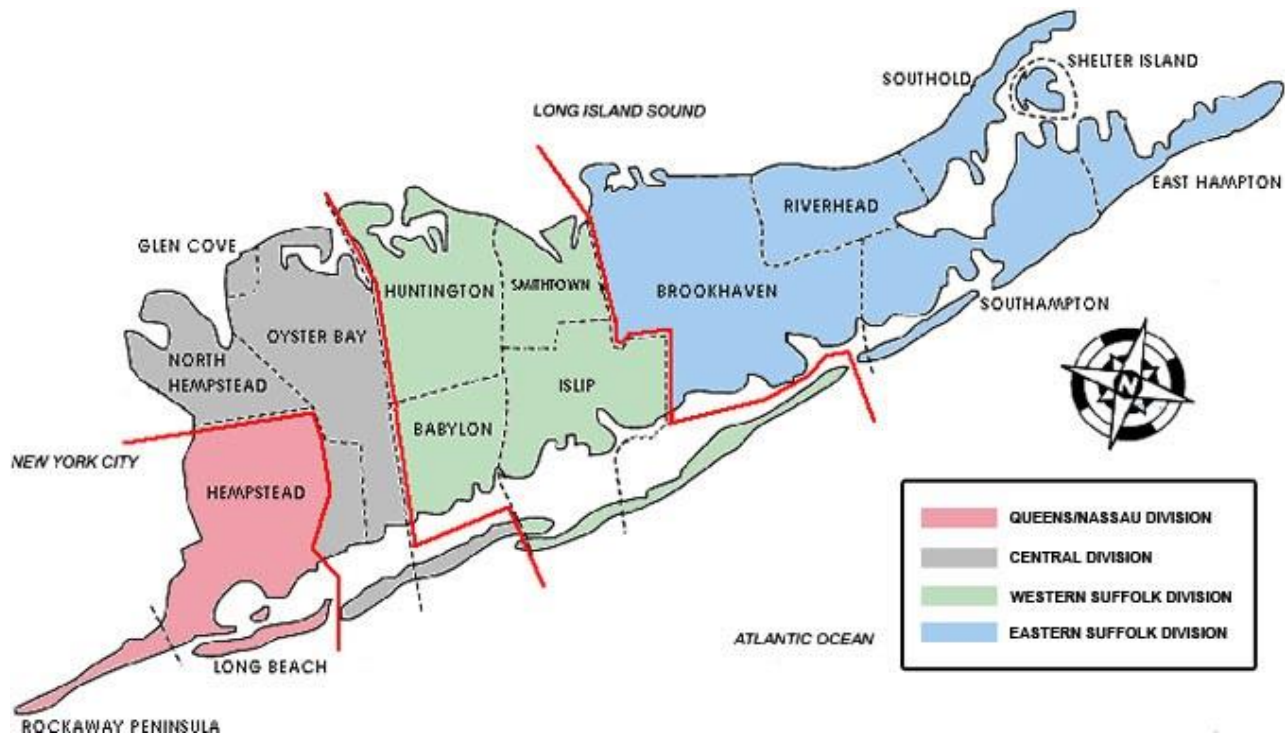


Figure 1.2 – Long Island and the Rockaways' Service Territory

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1.4.3 Operating Divisions

The Transmission & Distribution (T&D) system on Long Island is comprised of four major divisions. Each divisional area, along with its operational headquarters and unique challenges to restoring power, are described below.

- 1) Queens/Nassau Division – Hewlett
 - High population density and significant underground construction
- 2) Central Division – Hicksville
 - Heavy tree conditions and rear property construction
- 3) Western Suffolk Division – Brentwood
 - Barrier beach and diverse geographic make-up
- 4) Eastern Suffolk Division – Riverhead
 - Large geographic area and isolated forks with limited major thoroughfares for ingress and egress

In the event of a system emergency, PSEG Long Island works closely with local government officials and emergency response personnel to coordinate electric restoration efforts across these divisions.

1.4.4 Console Areas

During an emergency, PSEG Long Island further segregates the divisions into console areas. This is done to facilitate better control of the workforce and enhanced coordination of restoration efforts. Consoles are broken down into color codes, as depicted in Figure 1.3 below.

| DIVISION | COLOR CONSOLES | | | | |
|-----------------|----------------|------|-------|--------|------|
| | Red | Blue | Green | Yellow | Grey |
| Queens/Nassau | ✓ | ✓ | ✓ | | |
| Central Nassau | ✓ | ✓ | ✓ | ✓ | ✓ |
| Western Suffolk | ✓ | ✓ | ✓ | ✓ | |
| Eastern Suffolk | ✓ | ✓ | ✓ | ✓ | |

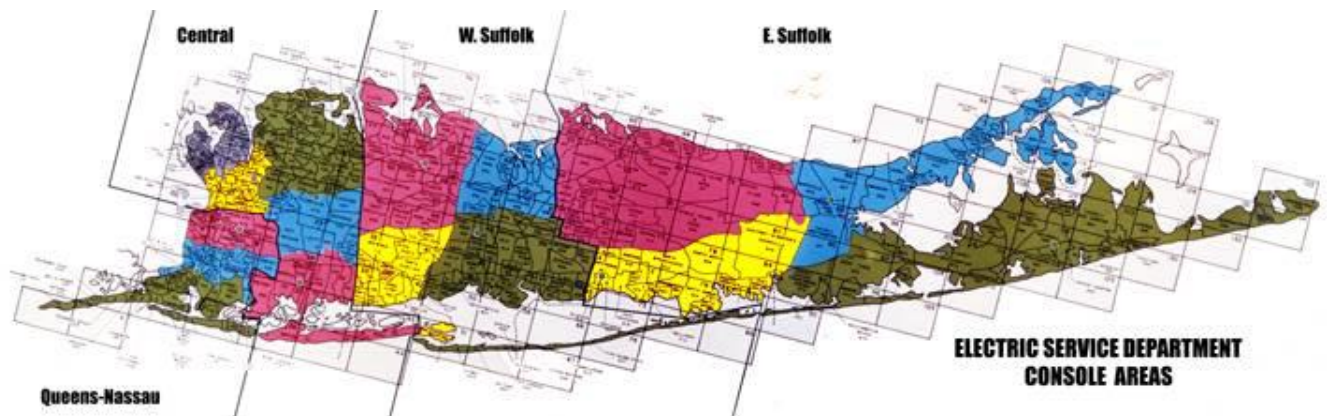


Figure 1.3 – PSEG Long Island Division Console Areas

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2. PERSONNEL RESPONSIBILITIES

This section outlines the key functions of the various components and positions of the Storm Restoration organizational structure. An orderly and consistent flow of information between Operations, Communications, Logistics, and associated support organizations is necessary in times of storm emergencies. Organizational charts indicating lines of authority and the interrelation between organizational groups are included.

2.1 Senior Leadership at PSEG Long Island and PSE&G New Jersey

Prior to, and during major storm events, senior leadership at PSEG Long Island and PSE&G New Jersey maintain on-going and open dialog to discuss and share intelligence regarding an impending weather event. This proactive dialogue helps to ensure the most complete and timely “situational awareness” between leadership teams, and provides a platform to facilitate discussions regarding the potential sharing of personnel resources and other support functions between entities. This coordinated approach is also important to the overall restoration response from a communications perspective, as it provides the mechanism for consistent messaging to employees, customers, and other external stakeholders.

With the threat of a major storm or other system emergency, PSEG Long Island’s leadership team will activate all applicable functional areas (i.e., Operations, Planning, Communications, Logistics, etc.) to discuss and strategize a response to the anticipated event. Decisions made by the senior leadership team are then openly shared and communicated across the broader response organization to ensure visibility to the storm event and anticipated action plan. This also helps to set expectations regarding the response among those involved with the restoration effort. As delineated in the following sections, senior leadership from PSEG Long Island assumes leadership positions within the ICS for a major event.

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2.2 Emergency Restoration Organizational Charts

Figure 2.1 provides an overview of PSEG Long Island's Emergency Restoration Organization Command and General Staff structure which is utilized during restoration activities. This structure includes tactical functions such as Safety, Legal, Liaison, and Communications, as well as operational functions such as Operations, Planning, Logistics, and Finance. Please refer to Section 2.3 for a list of roles and responsibilities.

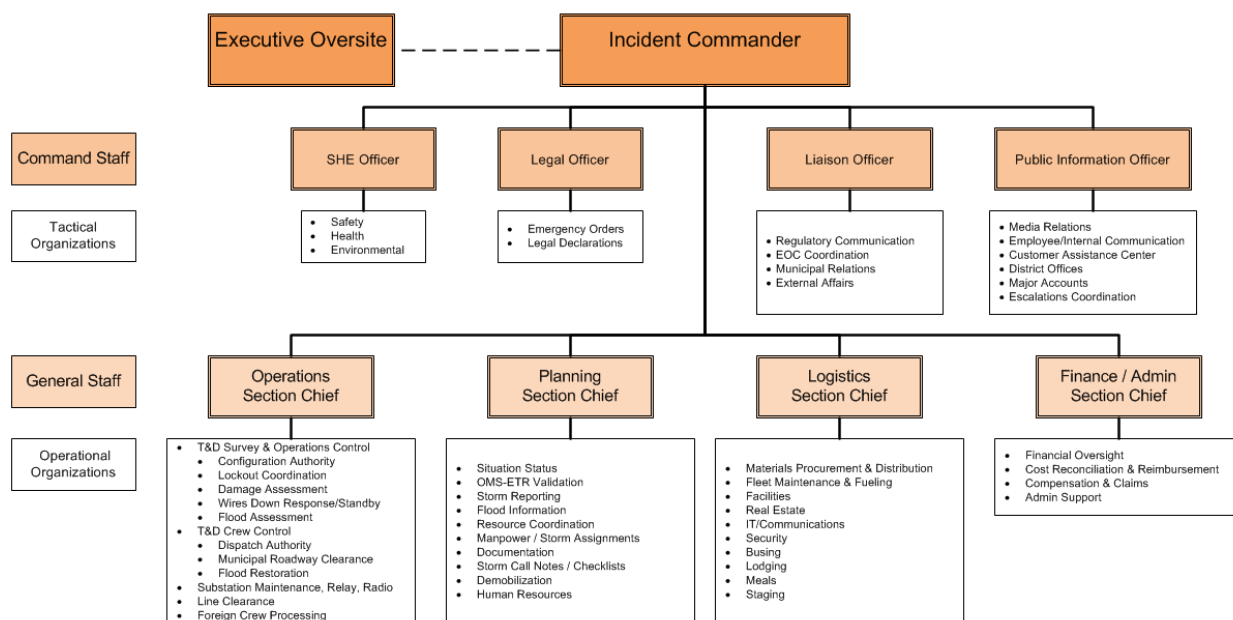


Figure 2.1 – Command and General Staff Organizational Chart

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Figure 2.2 further details PSEG Long Island's Safety, Health, and Environmental (SHE) organizational structure during restoration, and includes tactical functions of safety, health, and environmental functional areas.

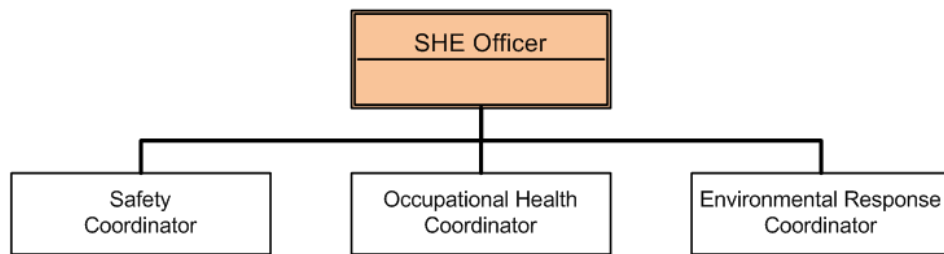


Figure 2.2 – SHE Officer Organizational Chart

Figure 2.3 further details PSEG Long Island's Legal organizational structure during restoration.



Figure 2.3 – Legal Officer Organizational Chart

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Figure 2.4 further details PSEG Long Island's Liaison organizational structure during restoration, and includes all tactical functions of external affairs, governmental relations, emergency management, and supporting functional areas.

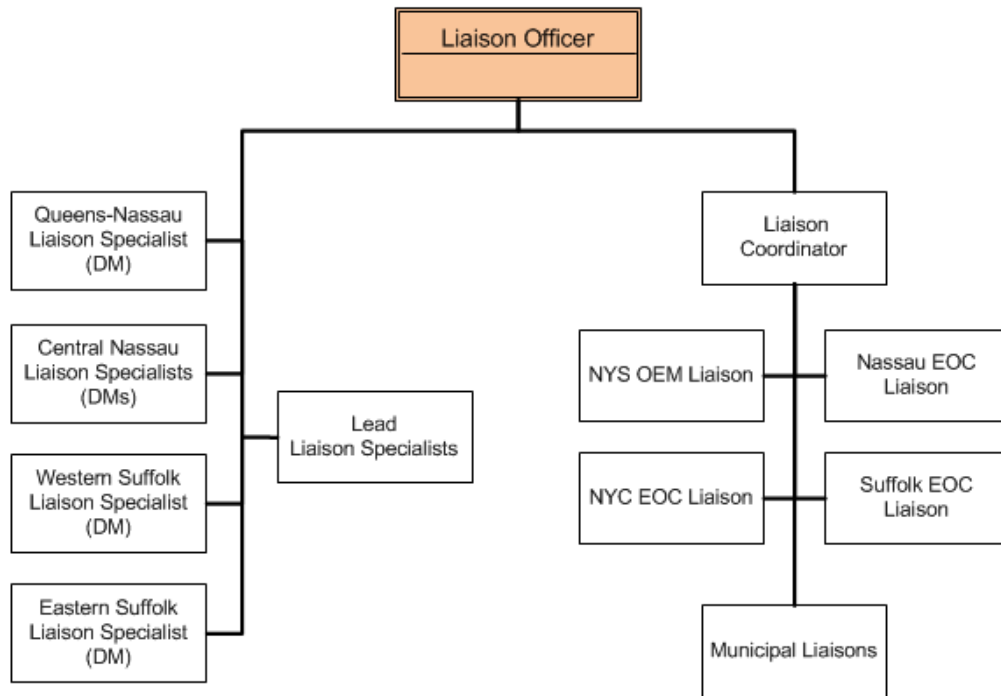


Figure 2.4 – Liaison Officer Organizational Chart

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Figure 2.5 further details PSEG Long Island's Public Information (Communications) organizational structure during restoration, and includes all tactical functions of customer contact, major accounts, corporate communications, social media coordination, and supporting functional areas.

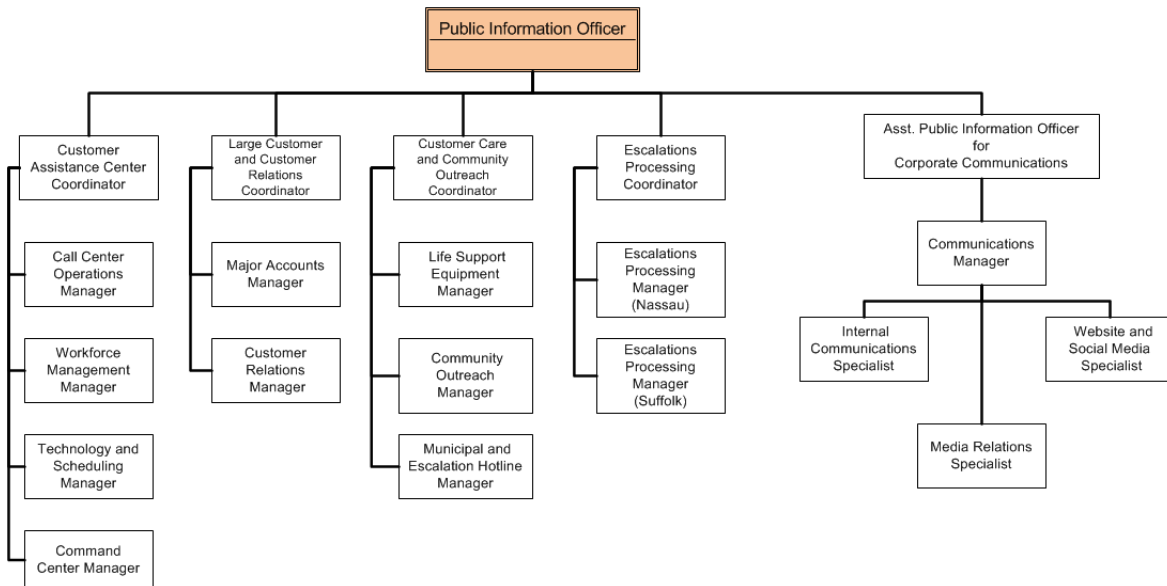


Figure 2.5 – Public Information Officer (PIO) Organizational Chart

Figures 2.6.1 and 2.6.2 further detail PSEG Long Island's Operations organizational structure during restoration, and includes all operational functions of damage assessment, survey operations, crew control, field resource deployments, and supporting functional areas.

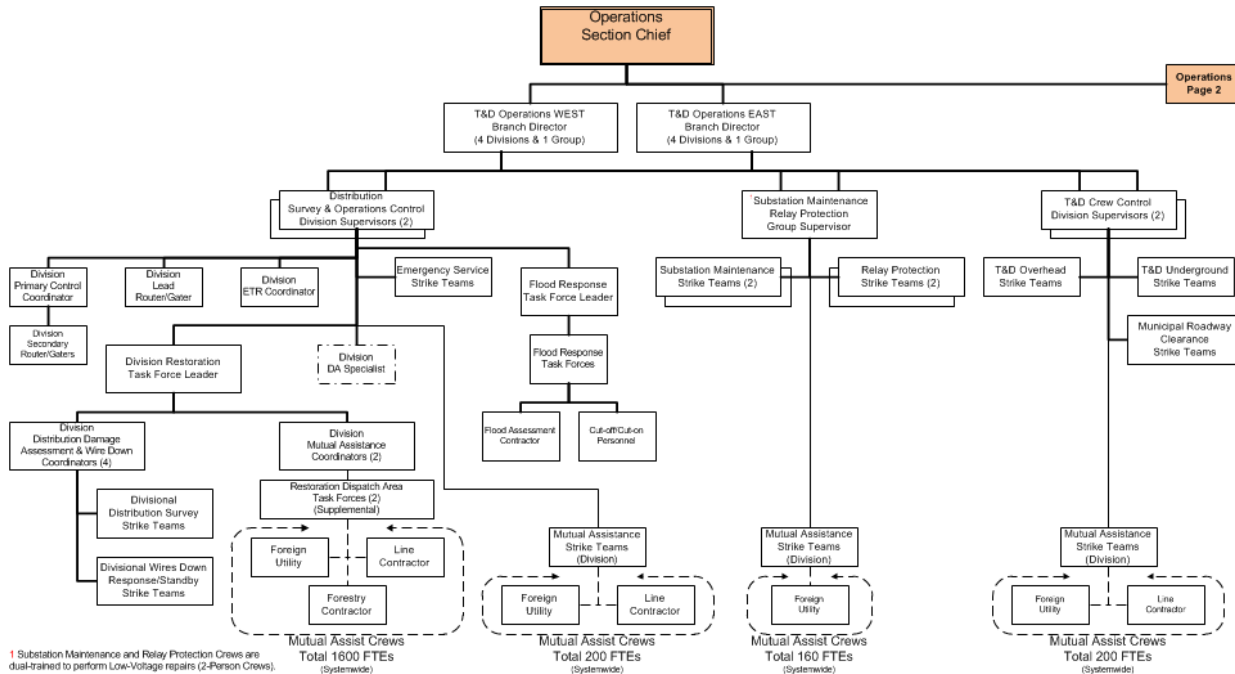


Figure 2.6.1 – Operations Organizational Chart (Page 1)

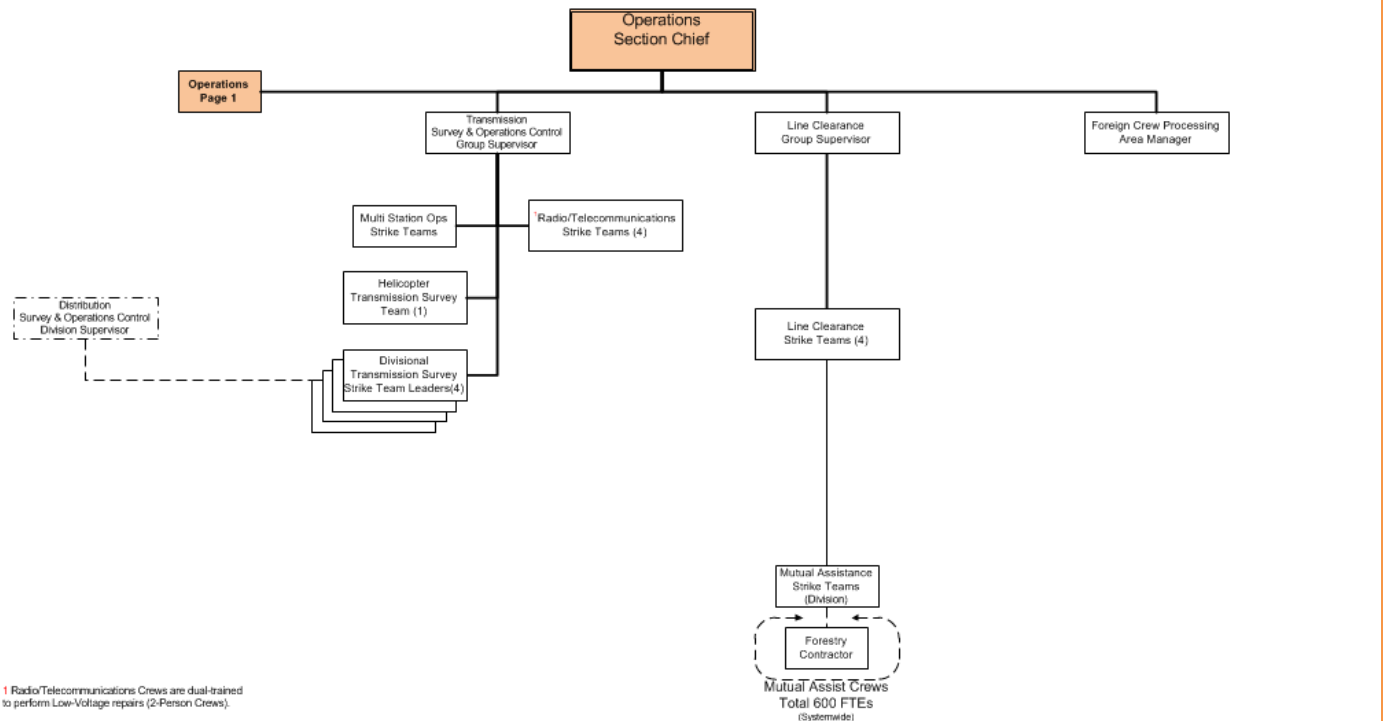


Figure 2.6.2 – Operations Organizational Chart (Page 2)

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Figure 2.7 further details PSEG Long Island's Planning organizational structure during restoration, and includes all operational functions of situational awareness, resource coordination, documentation, and supporting functional areas.

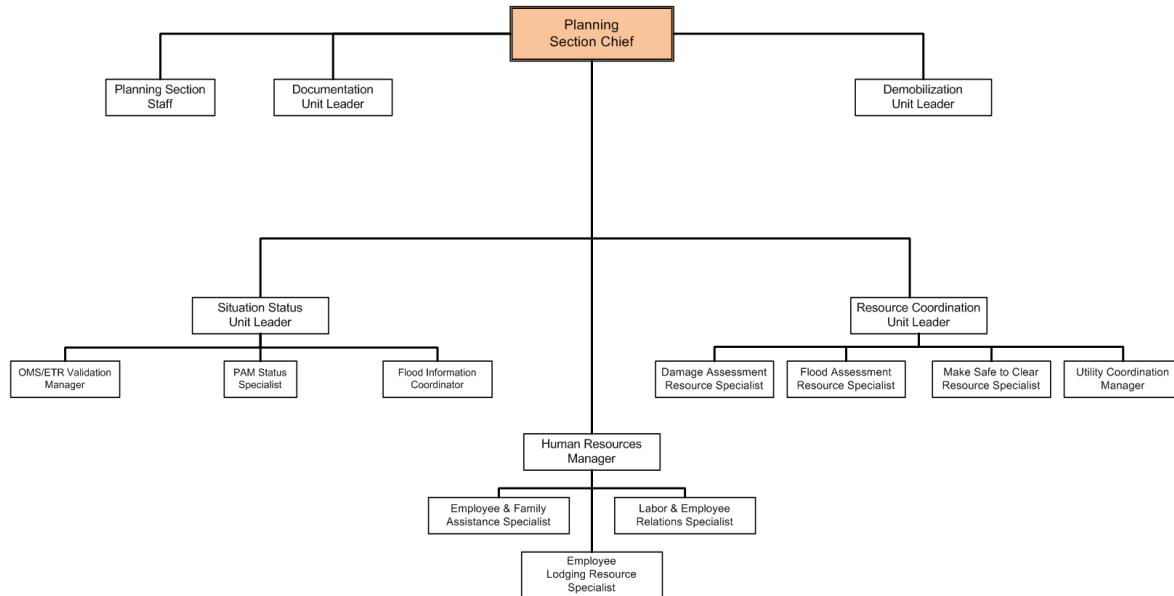


Figure 2.7 – Planning Organizational Chart

Figure 2.8 further details PSEG Long Island's Logistics organizational structure during restoration, and includes all operational functions of support, staging, and service operations.

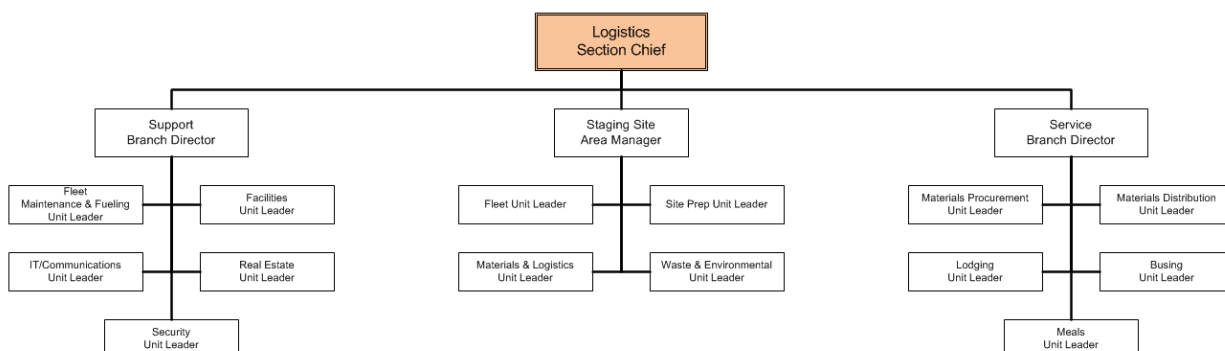


Figure 2.8 – Logistics Organizational Chart

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Figure 2.9 further details PSEG Long Island's Finance/Administration organizational structure during restoration, and includes all operational functions of time/cost reporting, reimbursements, contracts, claims, and supporting functional areas.

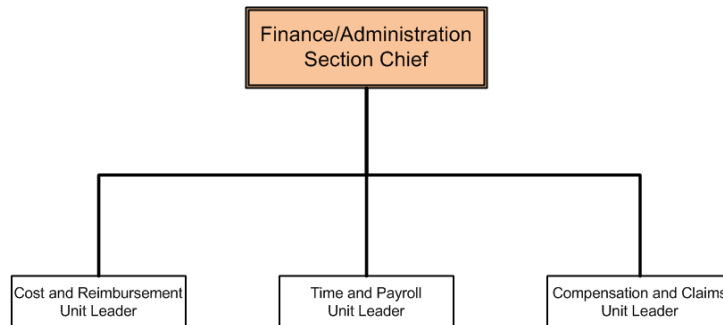


Figure 2.9 – Finance/Administration Organizational Chart

2.3 Roles and Responsibilities

Figure 2.10 details the key leadership roles during restoration operations and delineates significant corresponding function(s) that are coordinated in the respective areas.

| ROLE | CATEGORY | FUNCTION(S) |
|---|----------|--|
| Executive Oversight [President and Chief Operating Officer (COO)] | Command | <ul style="list-style-type: none"> Oversees PSEG Long Island restoration response Provides policy guidance and strategic direction Coordinates with key elected officials, business leaders, and PSEG Long Island and PSE&G New Jersey senior leadership |
| Incident Commander | Command | <ul style="list-style-type: none"> Oversees and assesses the overall event and response Establishes immediate priorities and sets operational period incident objectives and strategies Mobilizes an appropriate response organization Coordinates with key staff and officials Approves requests for resources and release of resources |
| Legal Officer | Command | <ul style="list-style-type: none"> Oversees the Legal Organization Ensures all plans, procedures, policies, and directives are consistent with federal, state, and local law Ensures all incident records and documentation are accurate and maintained, in accordance with all applicable laws and regulations Interprets the 16 NYCRR Rules and Regulations of the PSC |
| Safety, Health, and Environmental (SHE) Officer | Command | <ul style="list-style-type: none"> Oversees the SHE Organization Develops recommended measures to assure personnel safety Oversees tracking and reporting of accidents and/or injuries Socializes hazardous or unsafe conditions Oversees incident Environmental and Medical Plans |
| Liaison Officer | Command | <ul style="list-style-type: none"> Coordinates with assisting agencies, cooperating agencies, and Agency Representatives during a restoration event Communicates the status of PSEG Long Island's storm preparation and/or emergency response efforts with external government, public service, and public safety officials Oversees Liaison organization coordination with State, County, Town, City, and Village EOCs |
| Public Information Officer (PIO) | Command | <ul style="list-style-type: none"> Leads the Communications Organization to assess, respond to, and communicate during restoration events Oversees communications plans and protocols |

Figure 2.10 – ICS Restoration Roles and Responsibilities

This document shall be revised every 1 year or incrementally as significant changes occur.

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| ROLE | CATEGORY | FUNCTION(S) |
|---|----------------|--|
| Operations Section Chief | General | <ul style="list-style-type: none"> Oversees the Operations Section and the management of all operations directly related to the primary mission of restoring electric service during an incident Determines the overall need for resources Directs operational plans and initiatives |
| Planning Section Chief | General | <ul style="list-style-type: none"> Oversees the Planning Section, including the collection, evaluation, and dissemination of information surrounding the development of the incident Coordinates supplemental manpower requests and needs Oversees resource assignments, notifications and activations Oversees documentation, reporting and situation status report dissemination (including DPS reporting) |
| Logistics Section Chief | General | <ul style="list-style-type: none"> Oversees the Logistics Section including the Support, Service and Staging branches Oversees services, materials, and/or facilities in support of an incident Oversees the pre-activation and demobilization resource and support plans |
| Finance/Administration Section Chief | General | <ul style="list-style-type: none"> Manages the Finance Section unit, which has oversight of all financial, administrative, and cost analysis aspects of an incident Provides oversight to reimbursement process |
| Escalations Processing Coordinator | Communications | <ul style="list-style-type: none"> Oversees the tracking, reporting, and processing of critical facility and crucial infrastructure outage and/or emergency escalations Oversees the coordination of escalation processing between Communications and Operations |
| Assistant Public Information Officer for Corporate Communications | Communications | <ul style="list-style-type: none"> Oversees communications messaging to be shared with PSEG LI employees, general public and media outlets Oversees the development of the message and materials including; key talking points, external press releases and key company plans Oversees PSEG Long Island's Website and social media operations and postings |
| Customer Care and Community Outreach Coordinator | Communications | <ul style="list-style-type: none"> Ensures effective communication with LSE customers Maintains 24x7 coverage for the Municipal hotline and back up coverage for the Critical Facility/ Escalation Hotline Plans for the needs of affected communities including oversight of Community Outreach centers and/or water/ice distribution |

Figure 2.10 (continued) – ICS Restoration Roles and Responsibilities

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| ROLE | CATEGORY | FUNCTION(S) |
|---|----------------|--|
| Large Customer and Customer Relations Coordinator | Communications | <ul style="list-style-type: none"> Oversees Department of Public Service (DPS) Hotline Oversees DPS requests and escalation response plans |
| Major Accounts Manager | Communications | <ul style="list-style-type: none"> Oversees the Account Management Team in preparation of communications to Large Commercial Customers, Major Accounts customers, and Critical Facilities across all business segments Oversees Critical Facility/Escalation Hotline Oversees ongoing coordination and communication between the Account Management Team, Escalation Team, and Operations during restoration |
| Life Support Equipment (LSE) Manager | Communications | <ul style="list-style-type: none"> Oversees initial preparation communications to all registered LSE customers Oversees continuous contact efforts to all LSE customers without power during an event Coordinates well visits to LSE customers not reached by phone through EOC liaisons and/or internal outreach liaisons and subsequent status reporting |
| Customer Assistance Center (CAC) Coordinator | Communications | <ul style="list-style-type: none"> Ensures the efficient operation of Contact Center operations during emergency conditions through staffing and technology resources Oversees the CAC Command Center and its daily coordination with the Escalation Team Actively manages the Outage Map, Outbound Restoration calls, Interactive Voice Response (IVR), and High Volume Call Application (HVCA) systems and their associated messaging |
| T&D Operations (West & East) Branch Directors | Operations | <ul style="list-style-type: none"> Implements the operational action items appropriate to the Operations Branches, under the direction of the Operations Section Chief Oversees geographic operations of Distribution Survey & Operations Control, T&D Crew Control, and Substation Maintenance/Relay Protection |
| Transmission Survey & Operations Control Group Supervisor | Operations | <ul style="list-style-type: none"> Implements the operational action items appropriate to the Transmission Survey & Operations Control Group, under the direction of the Operations Section Chief |
| Line Clearance Group Supervisor | Operations | <ul style="list-style-type: none"> Implements the operational action items to the Line Clearance Group, under the direction of the Operations Section Chief |
| Foreign Crew Processing (FCP) Area Manager | Operations | <ul style="list-style-type: none"> Oversees the FCP Team and associated support preparations for Foreign Utility crews, tree crews, and support personnel Oversees the processing, management, and documentation of supporting personnel Oversees the FCP Reception Staging site and associated site actions |

Figure 2.10 (continued) – ICS Restoration Roles and Responsibilities

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| ROLE | CATEGORY | FUNCTION(S) |
|---|-----------|---|
| Situation Status Unit Leader | Planning | <ul style="list-style-type: none"> Oversees the preparation, posting, and dissemination of all incident data including briefs, notifications, and status reports Coordinates the collection and distribution of operational data in support of reporting protocols and requirements |
| Resource Coordination Unit Leader | Planning | <ul style="list-style-type: none"> Oversees the maintenance and coordination of incident resources and restoration assignments Oversees storm notifications and activations Maintains the assignment and status of all assigned restoration personnel Coordinates supplemental resource needs and/or requests including utility partners and task force personnel Approves movement or reassignment during storm |
| Human Resources Unit Leader | Planning | <ul style="list-style-type: none"> Oversees resource support initiatives relative to labor relations, family assistance, and employee lodging Coordinates with union and company leadership |
| Documentation Unit Leader | Planning | <ul style="list-style-type: none"> Coordinates storm notes collection and documentation plans Coordinates collection, dissemination, and retention of pre-event checklists |
| Demobilization Unit Leader | Planning | <ul style="list-style-type: none"> Oversees the demobilization plan Reviews resource records and coordinates the size and extent of the demobilization effort |
| Support Branch Director | Logistics | <ul style="list-style-type: none"> Directs the activities of the support branch units including Fleet Maintenance & Fueling, Facilities, Real Estate, Information Technology (IT)/Communications, and Security in support of restoration operations |
| Service Branch Director | Logistics | <ul style="list-style-type: none"> Directs the activities of the service branch units including Materials Procurement & Distribution, Busing, Lodging, and Meals in support of restoration operations |
| Staging Site Area Manager | Logistics | <ul style="list-style-type: none"> Oversees the management and coordination at all staging sites, base camps and laydown yards Oversees staging site plans and setup Coordinates staging site needs and equipment requests |
| Fleet Maintenance & Fueling Unit Leader | Logistics | <ul style="list-style-type: none"> Oversees fleet operations including vehicle/truck needs, repairs, and maintenance Oversees fueling operations including stationary and mobile tanker plans Oversees transportation plans and equipment requests |

Figure 2.10 (continued) – ICS Restoration Roles and Responsibilities

This document shall be revised every 1 year or incrementally as significant changes occur.

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| ROLE | CATEGORY | FUNCTION(S) |
|--|-----------|---|
| Facilities Unit Leader | Logistics | <ul style="list-style-type: none"> Oversees the management and maintenance of all company facilities, operating yards, and associated support location during restoration events Oversee facility operations, repairs, construction, and supporting requests |
| Real Estate Unit Leader | Logistics | <ul style="list-style-type: none"> Oversees and manages company-wide real estate needs and requests Coordinates with landowners of planned and potential site location on usage during events |
| Information Technology (IT) / Communications Unit Leader | Logistics | <ul style="list-style-type: none"> Oversees the management of company-wide voice and data system operations Oversees the operational readiness and day-to-day management of computer systems, applications, and software Oversees the setup and maintenance of all company locations and support sites in support of IT/Communications needs |
| Security Unit Leader | Logistics | <ul style="list-style-type: none"> Oversees the development and implantation of company-wide security plans and protocols Oversees actions taken to protect employees, support personnel, assets, and operating locations |
| Materials Procurement Unit Leader | Logistics | <ul style="list-style-type: none"> Oversees the procurement plans and protocols in support of material, equipment, and resource needs Oversees agreements, contracts and planned services to be utilized during restoration operations |
| Materials Distribution Unit Leader | Logistics | <ul style="list-style-type: none"> Oversees the receipt, preparation, and distribution of restoration materials, supplies, and equipment Oversees the material storm room and mobile storm room plans and procedures |
| Lodging Unit Leader | Logistics | <ul style="list-style-type: none"> Oversees the process for securing sleeping arrangements for employees, foreign utility crews, and supporting personnel during restoration events Oversees procurement and reservation plans Oversees the allocation and lodging distribution plans Reviews alternative housing options and plans, as necessary |
| Meals Unit Leader | Logistics | <ul style="list-style-type: none"> Reviews and confirms food service arrangements with vendors in lieu of activation Identifies and coordinates a feeding plan for each facility and/or situation Reviews and coordinates food service operations at all company and secondary work locations for PSEG Long Island employees, Foreign Crews, and support personnel |

Figure 2.10 (continued) – ICS Restoration Roles and Responsibilities

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| ROLE | CATEGORY | FUNCTION(S) |
|-----------------------------------|-----------|---|
| Busing Unit Leader | Logistics | <ul style="list-style-type: none"> – Oversees the shuttling needs of the restoration event – Oversees shuttling operations for foreign utility crews and employees between housing locations, staging sites, and work locations |
| Cost & Reimbursement Unit Leader | Finance | <ul style="list-style-type: none"> – Oversees the preparation of daily cost analysis and estimates for restoration expenditures – Oversees the cost reconciliation and substantiation process for incident invoices and expenses – Oversees the preparation and submission of reimbursement package, as applicable |
| Claims & Compensation Unit Leader | Finance | <ul style="list-style-type: none"> – Oversees financial concerns resulting from property damage, injuries, or fatalities associated with restoration efforts – Reviews all logs, forms, and other pertinent documentation for post-incident processing |
| Time & Payroll Unit Leader | Finance | <ul style="list-style-type: none"> – Ensures proper daily recording of personnel time – Ensures payroll is issued according to company policies |

Figure 2.10 (continued) – ICS Restoration Roles and Responsibilities

2.4 Supplemental ERP Contact Sheet

PSEG Long Island maintains a supplemental contact sheet for all roles detailed within the ICS Restoration Roles and Responsibilities in Figure 2.10. PSEG Long Island continues to update the list semi-annually or when required, due to personnel changes and/or updates. The full supplemental contact sheet can be found within Appendix L.

2.5 Restoration RASIC Matrix

In an effort to better clarify roles and responsibilities pre-, during, and post-event, PSEG Long Island has created a restoration RASIC matrix that delineates key personnel and their associated action items (see Appendix O). The action items are broken down to include the Responsible, Accountable, Supported, Informed, and Consulted parties in an effort to expand awareness and further align restoration responsibilities across key internal stakeholders.

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3. MITIGATION ACTIVITIES

3.1 Overview

PSEG Long Island understands the importance of pre-planning, and its correlation to a timely and effective restoration response. Accordingly, PSEG Long Island undertakes a variety of initiatives to prepare its employees, infrastructure, emergency response partners, and the communities it serves. These initiatives include community awareness programs, employee training, drills/exercises, and storm hardening projects. These pre-storm actions ultimately help to equip PSEG Long Island to respond to outages more effectively, while ensuring that customers, employees, and key stakeholder groups are better informed and prepared when disasters strike.

3.2 Community Outreach

3.2.1 General Public

An important aspect of PSEG Long Island's storm preparation initiatives is its focus on educating the community it serves on the importance of preparedness and safety. Education of the public is vital to an efficient and safe restoration effort, and PSEG Long Island takes many paths to inform its customers of what to expect before, during, and after large-scale storm events.

Information is shared with the public through numerous mediums, such as PSEG Long Island's Storm Center website, videos, mailings, social media, and its participation in community seminars, briefings, and exercises. PSEG Long Island understands that customer education is a year round process, and does not relegate such important activities to just a few days preceding a storm event. Information disseminated to the public addresses a variety of topics including:

- Preparing your home and family
- Preparing your business
- Storm safety and preparedness
- Outage reporting
- Current power outages
- Important PSEG Long Island contact information
- Generator safety
- Social media information
- Frequently Asked Questions (FAQs)

This document shall be revised every 1 year or incrementally as significant changes occur.

PSEG Long Island also maintains a comprehensive “Storm Center” website that provides additional information on the topics detailed above, along with educational videos (see Appendix N). The following videos focus on storm safety and preparedness:

- Our Storm Restoration Process
- Evacuating
- Prepare Your Home and Family
- Stay In Touch With PSEG Long Island
- Indoor Electric Safety
- Generator Safety
- Hazards & Safety

3.2.2 First Response and Governmental Organizations

PSEG Long Island engages many first response organizations on preparedness and planning initiatives, including government officials, state/county/city/local emergency management organizations, police and fire organizations, partner utilities, (i.e., gas, telecommunications, and cable) and local municipalities. PSEG Long Island aims to further develop these relationships through information sharing and collaboration throughout the year, for the benefit of response and recovery efforts during emergency outage scenarios.

PSEG Long Island actively participates in a multitude of County, Town, and Village sponsored events, workshops, exercises, and seminars throughout the year on the topics surrounding emergency planning, hurricane preparedness, and restoration operations. PSEG Long Island also provides presentations, and participates in exercises and drills with the first responder community. Members of PSEG Long Island’s staff also participate in many Federal, State, and Local training programs centered on emergency planning and response protocols (i.e., ICS, NIMS, Homeland Security Exercise and Evaluation Program (HSEEP), etc.) throughout the year. These collaborative initiatives expand upon planning efforts and further promote information sharing between participating organizations.

PSEG Long Island openly welcomes these same entities to participate in its annual tabletop exercise and other relevant events. The companywide exercise centers on planning and response activities during a large-scale restoration event, and promotes open communication and collaboration between entities. This alignment helps to ensure a clear and coordinated response when an emergency occurs, and promotes dialog and continuous improvement between organizations.

This document shall be revised every **1** year or incrementally as significant changes occur.

PSEG Long Island routinely seeks the input of our first response organizations when instituting new emergency planning procedures, and aims to coordinate its planning initiatives with such agencies for the benefit of all customers and municipalities served. PSEG Long Island invites first response organizations to review and discuss its annually updated ERP and corresponding planning initiatives.

PSEG Long Island also strives to coordinate with our governmental and emergency first response organizations during emergency preparations. PSEG Long Island hosts pre-storm calls and/or meetings to discuss operational strategies, timelines, activation schedules, and anticipated activities. Further coordination between entities is accomplished through the deployment of PSEG Long Island Municipal and EOC liaisons. These liaisons often work directly within a town or county's command site, and assist with information sharing, executing escalation protocols, and overall coordination.

Coordination between PSEG Long Island and our municipal, government, and emergency management partners is paramount to an efficient response, with many efforts undertaken to support, grow, and continuously advance these partnerships.

3.2.3 Safety Partnerships

PSEG Long Island's top priority is always the safety of its customers and personnel. Along with PSEG Long Island's own resources and preparation tips, customers can also take advantage of several resources available through its partnerships.

BereadyLI.org is a collaboration between The United Way of Long Island, 2-1-1 Long Island, and PSEG Long Island. Aimed at helping Long Island residents prepare for disasters, bereadyLI.org is an interactive, comprehensive, and easy-to-use website, compiling critical information applicable to children, the elderly, those with special needs, and even pets, in an effort to simplify the process of being prepped before disaster strikes. By working with experts in the field, the site compiles the most relevant and crucial information for residents to prepare for whatever Mother Nature brings our way.

To help parents teach children to prepare for emergency events, the PSEG Foundation partnered with Sesame Workshop to develop the 'Let's Get Ready' and 'Here for Each Other' programs. These programs help adults explain to young children various ways they can be physically and emotionally prepared for an emergency, and help adults and children cope with disasters.

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3.3 Storm Hardening Efforts

PSEG Long Island has taken many steps to harden the Long Island electrical system to withstand the effects of major storms. PSEG Long Island aims to harden its system to address major storms, hurricanes, flooding, high winds, and ice.

Hurricane Irene and Superstorm Sandy emphasized the need for extensive planning and engineering to help make the energy grid serving our customers across Long Island and in the Rockaways more reliable and more resilient. PSEG Long Island continues to make enhancements in the following areas:

- Infrastructure investments and upgrades to vulnerable substations and electric lines
 - Approximately nine transmission lines are designated to be rebuilt and strengthened to minimize interruptions, including reconstructing lines in inaccessible areas. The engineering and design phase has been completed. Road crossings will be storm hardened as well
 - [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
 - Work has already been completed on eight of the substations, and work is currently in-progress on the final two
- Improving reliability and customer satisfaction through installation of additional switches
 - Adding switches on a circuit will minimize customer outages via isolating fault to a smaller portion of geographical circuit
 - Project includes the installation of 900 switches
 - 400 switches have been installed with 75% commissioned as of Q4 2017
- Enhancing circuit and inspection program
 - Since federal recovery funding was secured in March 2015, storm hardening and reliability work has started on circuits from the Rockaways to Southold. FEMA reliability work is planned for more than 300 circuits, which will cover 1,025 miles across the service territory.
 - 417 miles have been completed as of Q4 2017
 - Improvements include upgrading poles to withstand winds up to 135 mph, installing stronger and more resistant wires, tree trim to clear conductors and reduce the risk of damage to equipment, and installing switching equipment to help reduce the number of customers affected by an outage
- More aggressive tree trimming/vegetation management program (industry best practices)
 - The utility uses historical data to forecast and prioritize areas which may be impacted by vegetation outages the most, and examines tree-trim cycles to determine where growth may be significant and require additional trimming before an outage occurs

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- Crews have created greater clearance around trees and distribution power lines, pruning to 12 feet above, 8 feet to the side, and 10 feet below high voltage lines
- Annual aerial inspections of the transmission system also help detect equipment issues and vegetation encroachment
- The Vine Mitigation Program helps alleviate additional outages by proactively clearing areas where vines are interfering with our electric lines and equipment before they cause any damage to the system
- Through the expanded Hazardous Tree Removal Program, Line Clearance Supervisors identify unhealthy, dead, or damaged trees in the area of our electric lines that will likely cause an emergency outage in the future. These trees are then removed or cutback to avoid the possibility of downed lines during storms.

PSEG Long Island continues to perform work through existing reliability programs, including circuit improvement programs where poles, cables, and lines are inspected, designed, and rebuilt for improved performance. Additional programs for customers with multiple outages have been enhanced.

Since the time that PSEG Long Island has undertaken its role as Long Island's electrical service provider, this activity has continued with renewed emphasis. From the more aggressive vegetation management program, to upgrades and storm hardening of vulnerable substations, transmission and distribution lines, and an enhanced circuit and equipment inspection program, PSEG Long Island has made, and continues to make, extensive capital improvements to ensure safe and reliable service for customers across Long Island and in the Rockaways.

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4. WEATHER ASSESSMENT AND DAMAGE PREDICTIONS

A successful response to any storm emergency is often predicated on a comprehensive anticipation and early warning system. An early appraisal, based on known conditions and prior storm experience, becomes a critical component of an effective restoration effort. Each storm presents varying types and degrees of intensity and produces differing results, which vary considerably in severity and extent. For example, a slow moving ice storm results in a substantially different outcome and restoration challenges, as compared to a hurricane or tropical storm. Accordingly, a detailed storm anticipation system must be utilized for restoration efforts to have the greatest impact.

An effective anticipation system provides vital information, such as the predicted size, scope, and arrival time of a potential storm or weather system. This information proves to be very valuable when pre-planning resources and manpower. PSEG Long Island employs various tools and analyses, in conjunction with active weather monitoring, to position itself to be best prepared for impending storm events and the ensuing response. This awareness and planning allows for appropriate decision making to occur, in terms of readying the system and ensuring adequate resources are targeted and mobilized to efficiently respond to the damage ultimately sustained.

Keeping employees and customers informed is also at the forefront of PSEG Long Island's storm anticipation protocols. The more information known ahead of a storm's onset allows PSEG Long Island to disseminate its plans and intentions to all parties accordingly. This early warning helps our employees and customers to better prepare for the impending storm and our planned restoration activities. Most importantly, it helps to set expectations for customers and other key stakeholders so that they, too, can be best prepared for the impending storm.

Storm anticipation is also vital to PSEG Long Island's pre-planning efforts surrounding the potential need for additional resources during restoration efforts. Most large-scale outage events, with potential for a long duration, require assistance from other utility partners and contractors. An event's predicted severity allows key operational decisions to be made ahead of time, and through educated early anticipation and decision-making, leaves the company better positioned to recover and manage its restoration effort.

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4.1 Preparatory Responsibility

It is the responsibility of PSEG Long Island's Incident Commander and the Operations Section Chief to closely monitor all forecasted storms and to evaluate their anticipated size, scale, and complexity. The importance of evaluation cannot be overstated and must be made at the earliest possible time with the most current information available. The Incident Commander and the Operations Section Chief have the responsibility to activate emergency procedures within the affected division, commensurate with the projected size, scale, and complexity of the emergency.

4.2 Weather Monitoring Approach

PSEG Long Island obtains weather information and alerts from a variety of sources and disseminates the information to the appropriate personnel, based on its potential to affect the electric T&D system on Long Island. Forecasts of inclement weather may cause PSEG Long Island to take preparatory actions, including the possible alert or mobilization of various components of the storm restoration organization, securitization of additional resources, and other related preparatory activities. An effective weather monitoring approach assists in both short and long term planning, with regard to overall restoration efforts.

Weather data and forecasts are received and reviewed by the T&D Electric Operations Department on a daily basis. Reports and advisories are regularly received from the NWS and Data Transmission Network's (DTN's) Weather Service. The NWS provides weather reports from its New York office at varying intervals throughout the day, based on the severity of the storm. DTN provides weather forecasts specific to PSEG Long Island's service territory three times daily, as well as on-demand consulting services provided by a dedicated team of available meteorologists. Copies of the reports are made immediately available to the appropriate departments and key personnel are notified accordingly. This information helps PSEG Long Island make better decisions about staffing and requesting mutual aid resources.

Key personnel and field locations across the service territory are provided with access to WeatherSentry Online, provided by DTN, for monitoring and receiving automated weather alerts for their respective service areas. Weather summary briefings are provided on daily operations calls and on conference calls conducted prior to, and during, an event.

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Weather information and advisories are also obtained from the following services on a daily basis:

- Subscription Services
 - DTN (internet, e-mail/text notifications, and verbal discussion with a meteorologist)
 - www.schneider-electric.com
- Non-subscription services
 - National Weather Services (Internet)
 - www.weather.gov
 - www.noaa.gov
 - The Weather Channel (Television (TV) and Internet)
 - www.weather.com
 - Weather Underground (Internet)
 - www.wunderground.com
 - AccuWeather (Internet)
 - www.accuweather.com

PSEG Long Island also utilizes the Sperry-Piltz Ice Accumulation (SPIA) chart when planning for the potential impact of a winter weather event. The SPIA chart provides valuable information regarding the potential impact (or non-impact) of forecasted ice accumulations on overhead utility infrastructure. A copy of the SPIA chart is provided in Figure 4.1. This chart addresses sleet, freezing rain, and ice events for Overhead Utility Operations. The SPIA chart is used in conjunction with the Saffir-Simpson Scale, (see Figure 4.2) which measures the impact of tropical force and hurricane winds. Both weather charts provide valuable information to PSEG Long Island personnel when conducting preparations for anticipated weather related incidents.

The Sperry-Piltz Ice Accumulation Index, or "SPIA Index" – Copyright, February, 2009

| ICE DAMAGE INDEX | * AVERAGE NWS ICE AMOUNT (in inches) <small>*Revised-October, 2011</small> | WIND (mph) | DAMAGE AND IMPACT DESCRIPTIONS |
|------------------|---|------------|--|
| 0 | < 0.25 | < 15 | Minimal risk of damage to exposed utility systems; no alerts or advisories needed for crews, few outages. |
| 1 | 0.10 – 0.25 | 15 - 25 | Some isolated or localized utility interruptions are possible, typically lasting only a few hours. Roads and bridges may become slick and hazardous. |
| | 0.25 – 0.50 | > 15 | |
| 2 | 0.10 – 0.25 | 25 - 35 | Scattered utility interruptions expected, typically lasting 12 to 24 hours. Roads and travel conditions may be extremely hazardous due to ice accumulation. |
| | 0.25 – 0.50 | 15 - 25 | |
| | 0.50 – 0.75 | < 15 | |
| 3 | 0.10 – 0.25 | > = 35 | Numerous utility interruptions with some damage to main feeder lines and equipment expected. Tree limb damage is excessive. Outages lasting 1 – 5 days. |
| | 0.25 – 0.50 | 25 - 35 | |
| | 0.50 – 0.75 | 15 - 25 | |
| | 0.75 – 1.00 | < 15 | |
| 4 | 0.25 – 0.50 | > = 35 | Prolonged & widespread utility interruptions with extensive damage to main distribution feeder lines & some high voltage transmission lines/structures. Outages lasting 5 – 10 days. |
| | 0.50 – 0.75 | 25 - 35 | |
| | 0.75 – 1.00 | 15 - 25 | |
| | 1.00 – 1.50 | < 15 | |
| 5 | 0.50 – 0.75 | > = 35 | Catastrophic damage to entire exposed utility systems, including both distribution and transmission networks. Outages could last several weeks in some areas. Shelters needed. |
| | 0.75 – 1.00 | > = 25 | |
| | 1.00 – 1.50 | > = 15 | |
| | > 1.50 | Any | |

(Categories of damage are based upon combinations of precipitation totals, temperatures and wind speeds/directions.)

Figure 4.1 – SPIA Chart

| SAFFIR-SIMPSON HURRICANE WIND SCALE | | | | |
|-------------------------------------|----------------|---------|--------------|--------|
| CAT | Wind Speed | | Old SS Scale | |
| | mph | kt | mb | surge |
| TD | 0-38 | 0-33 | | |
| TS | 39-73 | 34-64 | | |
| 1 | 74-95 | 65-83 | 980-994 | 4-5' |
| 2 | 96-110 | 84-95 | 965-979 | 6-8' |
| 3 | 111-129 | 96-112 | 945-964 | 9-12' |
| 4 | 130-156 | 113-136 | 920-944 | 13-18' |
| 5 | >157 | >137 | <920 | >18' |

Figure 4.2 Saffir-Simpson Scale

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In addition, when tropical systems are approaching, hurricane-tracking weather maps from the NWS and its Hurricane Center are received and reviewed by the Electric System Operations Department. These maps assist in the decision-making process, relative to restoration preparedness and response efforts (see Figure 4.3).

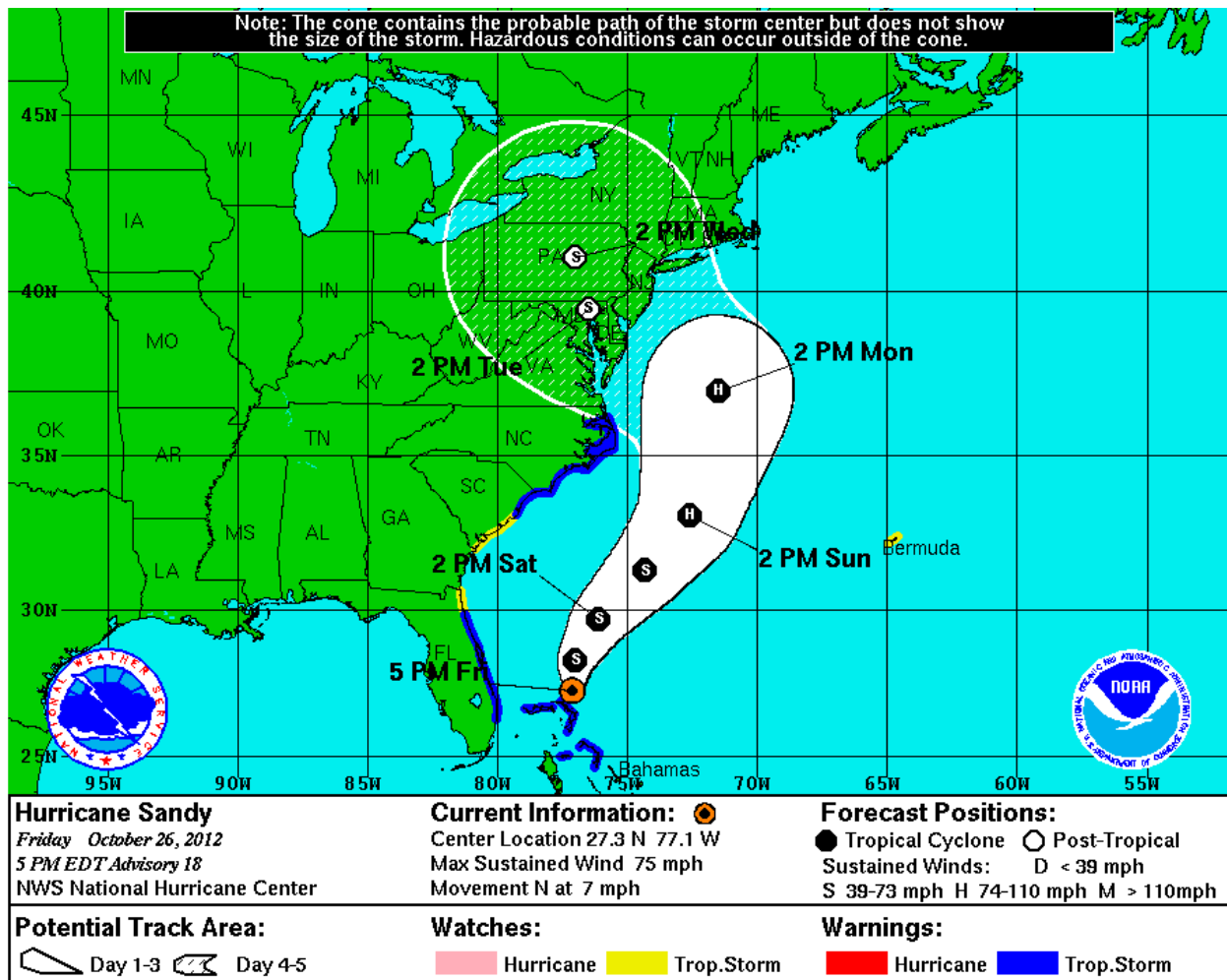


Figure 4.3 – Sample Hurricane Tracking Map

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4.3 Storm Descriptions

The application of weather monitoring tools and analyses is vital when planning an effective restoration response. The various types of storms experienced in PSEG Long Island's service area provide many challenges when preparing for such events. Each type of storm or weather condition varies and requires differing levels of preparation and response.

Given its geography, topography, and location, Long Island is susceptible to a variety of storms and weather conditions that can yield damage to its electrical facilities and result in outages to its customers. The list of potential weather hazards and their effect on the electrical system are outlined in the following sections.

4.3.1 Thunderstorms

Thunderstorms can have an effect on PSEG Long Island's primary and sub-transmission facilities. However, severe widespread thunderstorms will have a larger effect on secondary facilities and individual house services.

4.3.2 Tropical Storms and Hurricanes

Both tropical storms and hurricanes can have a lasting and devastating effect on the electrical system as a whole. The severity of the damage will vary depending on the size, scope, and length of the storm. To start, heavy rain will affect sub-transmission facilities and individual house services. Heavy winds can have a large influence on transmission and individual house services as well, due to the possibility of widespread wire down conditions and pole damage.

Storms with severe wind conditions also have the potential to cause large-scale outages, from both a system and individual service level. Tropical storms and hurricanes often require an appropriate mobilization of field resources, in advance of the storm's arrival, due to its large impact. Storm severity may also require the application of the "cut clear" phase, and include the coordination of significant tree removal efforts before effective restoration operations can begin.

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4.3.3 Winter Storms

4.3.3.1 Nor'easters

Nor'easters can bring heavy rains, strong winds, and blizzard-like conditions that often create significant damage to the T&D Electric system. Damage is often widespread affecting all parts of the electrical system. Nor'easters often bring significant downed wires and pole damage, resulting from falling trees and strong winds.

4.3.3.2 Major Sleet, Ice, or Wet Snow Storms

These storms have the ability to build up slowly, with damage continuing over a period of several days. The area affected is often localized in ice storms, and widespread in wet snowstorms. Because of their slow prolonged buildup, damage assessments are often difficult to anticipate. The important aspect of these storms is that the majority of damage usually occurs at the individual house level. Therefore, maximum mobilization of house service restoration crews and tree crews are instituted as soon as possible.

For snow events, the Snow to Liquid Ratio (SLR) compares the amount of liquid precipitation with the number of inches of snow, and is one way of describing what makes light, fluffy snow different from heavy, wet snow. The temperature can have a huge impact on the amount of snow, as well as how much it weighs. Therefore, the SLR can have a direct effect on the damage sustained, with lighter, drier snow typically causing little to no impacts to the electric system.

The "average" SLR is 10:1. In colder weather, snow has more airspace, resulting in more inches of snow (>10:1). Wet snow that falls at the freezing mark is usually sloppy and heavy (<10:1). However, significant variations in SLR can occur even within a single storm system.

4.3.4 Heat Storms

While the result of a heat wave may vary greatly from a winter storm or hurricane, its effect can be just as damaging. Heat waves can put an undue burden on our electrical system due to the increased usage by commercial and individual users. Heat waves can also damage T&D equipment (i.e., wires, transformers, and fuses) through overheating caused by increased output levels. Heat waves can have a lasting effect on service and can potentially lead to wide spread outages in extreme circumstances.

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4.3.5 Flooding

Flooding is a serious threat facing electrical utility providers, including PSEG Long Island. The severity is further heightened when the service territory is a highly populated island with many coastal communities, such as Long Island. This threat requires increased planning for the prevention of a large-scale outage and a quick response when such conditions are experienced.

Flooding can have a dramatic effect on PSEG Long Island's electrical system depending on the size, proximity, and timing of impact. Flooding can greatly damage electrical distribution facilities and leave the surrounding territory with large-scale outages. Additionally, flooding can cause damage to sub-transmission facilities, transformers, wiring, and other vital support equipment and locations. Large-scale flooding can also have an effect on customer-owned equipment, which adds complexities to safe re-energization protocols undertaken after severe flooding.

Resource mobilization and travel difficulties may also arise during restoration efforts, due to flooding and its devastating effects. Please see Section 13.5 for more information regarding specific flooding guidelines and protocols taken by PSEG Long Island during restoration activations.

4.4 Damage Predictions

The ability to accurately predict damage associated with an impending storm and/or weather event is essential in preparing for, and executing, a successful restoration effort. PSEG Long Island employs various tools and draws upon its institutional knowledge and experience from past events to develop preliminary damage estimates. Weather conditions, as well as its projected intensity and impact, are closely monitored and adjusted to provide an estimate for damage potential.

Forecasting, in conjunction with data from past events, assists in the preparation of damage predictions. While the accuracy of damage predictions cannot be guaranteed, its significance is vital to PSEG Long Island's restoration efforts. Damage predictions set the operational tone of actions to be taken post-impact, and have wide-ranging implications.

Damage predictions are utilized when developing global and regional ETRs. These predictions assist with identifying the time needed to assess and repair a specific outage and, ultimately, become the expected time of restoration to our customers. Damage predictions are used when estimating potential manpower needs during an anticipated outage. This is of great significance when the need for Foreign Crews is anticipated, as it is often necessary to mobilize support resources from areas that require significant travel to arrive on Long Island.

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Finally, damage predictions help to define the logistical needs of a potential storm, assisting with the identification of possible material and facility needs in order to properly stock, stage, and deploy adequate resources

PSEG Long Island is currently working on a project with DTN to develop a weather-based damage prediction solution that forecasts the occurrence and extent of damage from storms impacting our electric transmission & distribution system. This is based on weather data, historical outages, and PSEG Long Island asset data, including geographical location of the corresponding assets within PSEG Long Island's service territory. This tool will serve as an additional means to forecast severity, level of damage, and expected geography to be impacted.

5. EMERGENCY CLASSIFICATIONS AND ACTIVATIONS

5.1 Storm Assessment

The Incident Commander, in conjunction with the PSEG Long Island Officers and Section Chiefs (i.e., Legal Officer, PIO, Logistics Section Chief, etc.), will participate on strategy and anticipation calls to discuss the impending storm event and review potential pre-storm initiatives and strategic goals. These PSEG Long Island senior leaders will assess a combination of factors to determine the level of activation, including but not limited to:

- Forecast analytics, historical data, and predictive/statistical modeling
- Weather conditions and projections (i.e., projected wind speed, time of year, precipitation characteristics, etc.)
- Corresponding impact (i.e., system damage, restoration duration, outages, etc.)
- Other internal and external factors (i.e., staffing, manpower availability, customer expectations, etc.)

5.2 Storm Level Classifications

PSEG Long Island operates under an internal emergency classification and storm level matrix that is utilized in anticipation of storm conditions and/or a system emergency. These descriptions work in unison and assist in the preparation and response efforts conducted by the company, system wide. The classification of an emergency is dependent upon the severity and affected geography of the emergency. The system is sufficiently versatile, so that a smooth transition may be made from one condition to another, as changing weather conditions warrant and the storm response plan is executed. Figure 5.1 provides a high-level overview of the categories for the planned anticipation of emergencies based on their severity.

| STORM LEVEL | CLASSIFICATION | DESCRIPTION |
|-------------|----------------|---|
| I | White | Normal Operations and/or Minor Storm Events |
| II | Blue | Extensive Localized Damage and/or Moderate System Wide Damage |
| III | Red | Major Storm Events and/or System Disaster |

Figure 5.1 – Classification and Description of Different Storm Levels

This document shall be revised every **1** year or incrementally as significant changes occur.

5.2.1 Condition I “White”

Under Condition I “White,” the severity of the resulting damage is moderate, consisting mainly of localized or limited system damage. This includes normal “blue sky” operations and minor storm events. Expectations are such that complete restoration of system circuits and station interruptions can be accomplished, utilizing existing divisional manpower, within an eight-hour period. The Distribution Operations Department is able to coordinate repairs to the T&D Electric systems with minor additional assistance from the division’s internal Overhead/Underground (OH/UG) Lines Department. Events in this classification typically possess any of the following characteristics: gusty winds, heat, rain, freezing rain, snow, and/or lightning.

5.2.2 Condition II “Blue”

Under Condition II “Blue,” the severity of the resulting damage is more significant than “White,” consisting mainly of extensive localized damage or moderate system damage across the service territory. Expectation is such that complete restoration of system circuit and station interruptions can be accomplished, using available company resources, within a 48-hour period. When storm damage makes it necessary for the Distribution Operations Department to request substantial assistance from other organizations within the company, the state of readiness is shifted from Condition I “White” to Condition II “Blue.” Events in this classification often possess any of the following characteristics: high winds over a prolonged period, heavy rain, freezing rain, sleet, wet snow, ice, higher heat conditions, and/or significant lightning.

This escalation ordinarily occurs on a divisional basis as soon as the assistance of more than five OH/UG Line Crews is required in any one division. Other elements of the restoration organization may be activated in accordance with need (i.e., damage assessors, communications, etc.). The EP Department and/or the Planning Section may coordinate and assist with the conditional shift in Operations and the associated activities to follow.

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Within Condition II “Blue,” T&D Electric Operations may require additional help from other internal organizations in support of restoration efforts. Supporting organizations and their responsibilities may consist of the following:

- Line Crews

The OH/UG Lines Division(s) mobilize their own dispatching group(s) and distribute job assignments to Line Crews. OH/UG Lines may also mobilize their own “makeup” crew organization, which is staffed from their underground splicing group.

- Two-Man Makeup Crews

The Substation, Protection and Telecom (SPT) Department is utilized for Two-Man Makeup Crews and makes low voltage repairs, such as house services and transformer secondary connections. Many can also perform high voltage switching at ground-operated switches, and some can re-fuse primary cutouts. Qualified Meter and Test Personnel are also utilized to supplement Two-Man Makeup Crew manpower.

- Wire Down Survey

A wire down survey operation may be implemented in Condition II “Blue” where qualified PSEG Long Island personnel are dispatched to confirm wire down reports generated from customer or police and fire department. Wire down survey personnel are supported by Distribution Engineering, along with their own survey dispatch organization.

- Lockout Coordination Center

If weather conditions continue to deteriorate, the Transmission Operations Department may elect to staff certain substations with Substation Operators (Multi Station Operators) to assist in gathering information and substation operation. This group assists the District Operators with the dissemination of T&D lockout data to the four distribution operations divisions.

5.2.3 Condition III “Red”

Under Condition III “Red,” the severity of the resulting damage is severe and/or widespread, consisting mainly of extensive localized damage or acute system damage throughout the entire service territory. Expectations are such that complete restoration cannot be accomplished in a 48-hour period utilizing only company resources, and therefore, assistance from other utilities, contractors, etc. is required. Events in this classification include severe storms, such as tropical storms, hurricanes, nor’easters, prolonged high wind events, heavy icing, accumulation of heavy or wet snow, severe lightning, flooding, extreme heat, and straight-line wind events. Also included are other conditions that produce widespread outages, high customer call volumes, extensive system damage, and a large number of circuit lockouts.

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When any or all of the following actions are taken, Condition III “Red” is in effect:

- Foreign Crews are called in to augment the PSEG Long Island repair force
- One or more Remote Dispatch Areas are mobilized to perform local damage assessments
- One or more Remote Dispatch Areas are placed under ‘Local Operation Control’ to direct the repair operations on distribution feeders delegated to that dispatch area

For more information regarding operational plans during Condition III “Red,” please see Chapter 13, “Operations Protocols.”

5.2.4 Storm Severity Matrix

PSEG Long Island’s Storm Severity Matrix is a reference guide used for restoration planning and response operations. The Storm Severity Matrix, as depicted in Figure 5.2, incorporates PSEG Long Island’s three storm levels and the anticipated result for each condition. The matrix also includes a subset of key restoration functions and/or processes utilized by PSEG Long Island as part of its operational plan. The matrix serves as a *guide* in preparing, assessing, monitoring, and executing a response plan and can be adjusted based on other internal and external factors.

The Incident Commander and PSEG Long Island Restoration Officers and Section Chiefs will utilize the Storm Severity Matrix when monitoring and preparing for a forecasted event. The following items being assessed include, but are not limited to:

- Storm damage (actual vs predicted)
- Restoration progress and operational results
- System operations (i.e., relative to normal Condition I – “White” operations)

Given the analysis of the criteria listed above, and in conjunction with Section 5.1, the level of storm classification may change and restoration efforts may be modified, resulting in either a scale-down or ramp-up of services.

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| STORM LEVEL EMERGENCY CLASSIFICATION | | CONDITION I – “WHITE” | CONDITION II – “BLUE” | CONDITION III – “RED” |
|---|---|---|---|--|
| WEATHER | Weather Conditions | Normal Weather Minor/Moderate Lightning Light/Moderate Snow Light/Moderate Winds | Tropical Storm, Nor’easter Severe Lightning Heavy Snow >6” with SLR <10:1; Ice Accretion >3/8” | Cat 1-3 Hurricane, Tropical Storm, Nor’easter, Major Ice Storm Heavy Snow >6” with SLR <5:1; Ice Accretion >1” |
| | Sustained Wind Speeds (months) | <30 MPH (4/1 – 10/31) <45 MPH (11/1 – 3/31) | 30 – 65 MPH (4/1 – 10/31) 45 – 75 MPH (11/1 – 3/31) | >65 MPH (4/1 – 10/31) >75 MPH (11/1 – 3/31) |
| OUTAGES | Expected Customers Interrupted | <5,000 | 5,000 – 115,000 | >115,000 |
| | Expected Damage | Minimal to Minor | Moderate; Isolated | Severe; Widespread |
| | Expected Restoration Duration | N/A | 1 – 3 Days | 4+ Days |
| | Outage Management System (OMS) Incidents * | Up to 75 per Division | 75 – 475 per Division | >475 per Division |
| MANPOWER | Manpower | Division handles storm with normal staffing | Division handles storm with additional internal staffing; Construction and Survey consoles activated; Potential increased use of local contractors or Mutual Assistance | Full activation of Restoration Organization; Mutual Assistance mobilized and/or activated; North Atlantic Mutual Assistance Group (NAMAG) or National Response Event (NRE) engaged |
| | Line FTEs beyond PSEG Long Island | 0 | Up to 75 per Division | 75 – 500 per Division |
| | Mutual Assistance Commitment | None | 1 Day Prior | 2 – 4 Days Prior |
| | Manpower – Damage Assessment | Division | Division Console | Division Console Substations Supplemented with Mutual Assistance and Contractors |
| Restoration Procedures | | Normal Cut/Clear | Cut/Clear Dispatch Authority | Cut/Clear Dispatch Authority Local Control |
| Emergency Preparedness (EP) Team | | No | Partial Activation | Full Activation of Planning Section |
| Estimated Times of Restoration (ETR) | | Default | Default with Weather Multiplier | Per DPS Guidelines |
| Foreign Crew Processing (FCP) Team | | Normal | Partial Activation: Crew Processing Team Crew Reception Site | Full Action of FCP Team and Reception Site |
| Logistics & Materials Operations | | Normal | Storerooms Open 24x7 | Full activation of Logistics Support Center (LSC) |
| Fleet Operations | | Normal | Garages Open 24x7 | Full activation of Logistics Support Center (LSC) |
| Corporate Communications | | Normal | Monitoring – Partial activation | Full activation of Corporate Communications Center |
| Customer Operations | | Normal | Monitoring – Partial activation | Full activation |
| County, State, Municipality Staffing | | Normal | Soft Activation (as required) | Full activation |

*OMS Incidents include both outage and non-outage jobs

Figure 5.2 – Storm Severity Matrix

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5.3 Storm Activation and Notification

When notified that the Incident Commander is implementing preparatory measures for a potential large-scale storm, the PSEG Long Island Restoration Officers and Section Chiefs will discuss and determine the level of activation that they deem necessary for an efficient and effective operation (i.e., partial vs full activation, Condition II – “Blue” vs Condition III – “Red”, etc.).

Upon notification from the Incident Commander, PSEG Long Island Restoration Officers and Section Chiefs will notify and staff their storm organizations, as appropriate.

6. PRIORITY MATRIX GUIDELINES

PSEG Long Island understands the challenges and potential disruption to its customers' lives that result from electrical outages, and strives to restore power to all customers in the quickest and safest manner possible. In support, PSEG Long Island utilizes a priority matrix system, during both normal and emergency operations, which provides for an efficient approach to restore electrical outages. All outages are prioritized using a variety of factors including, but not limited to, customer type (i.e., criticality of facility), number of affected customers, and outages involving emergency or safety conditions.

6.1 Normal Conditions

During normal working conditions, all outage work tickets are first analyzed by the grouping algorithms of the OMS and then reviewed by dispatch personnel. A determination is then made, as to the job priority for restoring electrical service on the distribution system. Work is then assigned in accordance with the following set of general priorities:

- 1) Eliminating unsafe conditions
- 2) Restoring distribution system lockouts
- 3) Proceeding so that each hour of work will return the maximum number of customers to service

Furthermore, pending jobs are then assigned priority classifications, as listed in Figure 6.1. These classifications are designed to aid in achieving dispatch and restoration goals. Assigning jobs using the Priority Matrix maximizes the restoration effectiveness, while ensuring that restoration time is minimized. Utilizing this Priority Matrix, PSEG Long Island strives to restore the largest number of affected customers in the most timely and efficient manner.

| CODE | DESCRIPTION | EXPLANATION | NORMAL ASSIGNMENT |
|-------------|---|--|---|
| LO ASU | Lockout (LO) Automatic Sectionalizing Units (ASU) Lockout | First fault on switchable 3-Phase primary main line locked out feeder (protected by the substation breaker or an ASU) | Electric Service Personnel or Overhead Line Crews |
| AAA | Main Line Primary Down With Outage | Any 3-Phase switchable primary main line which is unfused (protected by the substation breaker or Automatic Circuit Reclosers (ACR)) | Overhead Line Crews, Foreign Utility Crews, or Contractor Primary Crews |
| AA | Branch Line Primary Down With Outage Primary Transformer Tap | Any fused circuit tap or extension (1-Phase, 2-Phase, 3-Phase, switchable) or a field determination is made that the primary transformer tap is off. | Overhead Line Crews, Foreign Utility Crews, or Contractor Primary Crews |
| A | Secondary Down | Used when outage confined around secondary bus with a report of wire down (Note: If no outage, job is assigned a "D" priority) | Two-Man Makeup Crews, Overhead Line Crews, Foreign Utility Crews, or Contractor Primary Crews |
| B | Line Fuse Blown or Check Line Fuse | Used when outage pattern shows customers affected downstream side of fuse and not confined to a single secondary bus system. | Electric Service Personnel (some Two-Man Makeup Crews can refuse cutouts) |
| C | Check Transformer or Reset Transformer or Replace Transformer | Used when multiple customers affected and confined to the same secondary bus with no reported wire down. | Electric Service Personnel or Two-Man Makeup Crews |
| S S-WDPB | Single Single – Wire Down Pole-Building | Any individual customer affected and not associated with another customer or interruption. | Electric Service Personnel or Two-Man Makeup Crews |

Figure 6.1 – Priority Matrix

PSEG Long Island also places additional emphasis on critical facilities and other vital service locations. Critical facility customers, first responder organizations, and other vital sites, such as airports, hospitals, and water treatment plants are assigned the highest level of importance. As shown in Figure 6.2, PSEG Long Island adheres to the following Critical Facility Levels, in accordance with NYS DPS guidelines when executing restoration operations.

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Critical Facility Levels

Critical Facility Level 1 - These facilities provide services critical to public health and safety:

- Hospitals and Emergency Medical Facilities
- Emergency Shelters and Cooling Centers
- Fire, Police, Paramedics, and Rescue Facilities
- Emergency Management Offices
- Water pumping stations and Wastewater treatment plants
- Critical Utility and Communications Facilities
- Fuel Transfer and Fuel Loading Facilities (ports)
- Mass Transit (tunnels, electric drawbridges, ferry terminals, major rail facilities/rectifier stations)
- Airports
- Military Bases
- Critical Flood Control Structures

Critical Facility Level 2 - These facilities provide significant public services and may include some of the same type of facilities described in Level 1 depending on the event type, but are considered to some extent less critical by government agencies:

- Nursing Homes and Dialysis Centers
- Facilities to support other critical government functions
- Prisons and Correctional Facilities
- Communications (radio, TV, etc.)

Critical Facility Level 3 - These facilities provide some public services and may include some of the same type of facilities described in Level 2 depending on the event type, but are considered to some extent less critical by government agencies.

- Event Specific Concerns
- High-Rise Residential Buildings
- Customers providing key products and services (food warehouse)
- Managed Accounts, Large Employers, and Other Key Customers
- Other Government Buildings, Schools, and Colleges

Figure 6.2 – Critical Facility Levels

This document shall be revised every **1** year or incrementally as significant changes occur.

6.2 Storm Conditions

Priority Matrix and Critical Facility Level protocols are consistent in both normal and storm condition operations. If the storm damage is so severe that all available construction forces cannot cover the entire volume of the T&D system damage locations, PSEG Long Island's restoration efforts will focus on the major prioritization objectives listed below:

- 1) Responding with appropriate resources to address emergency and life threatening conditions
- 2) Clearing downed wires to facilitate prompt clearing of public hazards and opening critical transportation corridors
- 3) Coordinating with municipalities to open critical roadways by clearing and/or de-energizing electric hazards (Make Safe To Clear (MSTC)) that prevent the removal of downed and/or damaged trees
 - a) This coordination also pertains to the removal of electric hazards from Long Island Rail Road (LIRR) transportation "Right-of-Ways"
- 4) Restoring PSEG Long Island Transmission Lines and Substation Facilities
 - a) Emphasis is placed on restoration of service to PSEG Long Island Transmission Lines feeding substations experiencing a "loss of supply"
- 5) Restoring feeder breaker lockouts to restore large numbers of customers
- 6) Restoring Critical Infrastructure/Facilities/Customers
 - a) Service will be restored to critical service locations and facilities as quickly as possible. These circuits and locations are placed at the top of the restoration priority.
- 7) Communicating with Customers and Key Stakeholders
 - a) It is vital that early and accurate communication of system conditions be made known, and that continuous updating occurs as storm restoration activities continue. It is essential that customers be kept informed of the status of restoration (i.e., global, regional, and localized ETRs).
- 8) Minimum Restoration Time
 - a) Plans have been formulated to complete restoration efforts on all interrupted customers, following a severe storm, as quickly as possible. Restoration efforts will be prioritized in the following manner:
 - i) Larger area outages
 - ii) Smaller area outages
 - iii) Individual house services

This document shall be revised every 1 year or incrementally as significant changes occur.

7. OUTAGE MANAGEMENT SYSTEM (OMS)

PSEG Long Island's OMS is a vendor-provided solution that is hosted in the PSEG Long Island Corporate Data Center. The system consists of OMS applications, mobile applications, Geographic Information System (GIS) integration, Enterprise Reporting, and Business Intelligence (BI) and interfaces to external systems.

The OMS is intended to help meet the ever-increasing expectations of customers, external stakeholders, and regulators by significantly improving PSEG Long Island's ability to identify and manage outage conditions, as well as maximizing the effectiveness of repair crews. This system also significantly improves the outage and restoration information available to Customer Service Representatives (CSR), system operators, customers, municipal and elected officials, and other key stakeholders. In addition, the following benefits continue to be realized as a result of the CGI OMS at PSEG Long Island:

OMS Benefits:

- Accurate and timely ETRs
- Efficiency and expediency when deploying utility crews and resources
- Situational awareness and timely status updates
- Accuracy in the identification of outage locations through a "Connected Model" analysis system
- Coordinated information flow between customers and dispatch personnel and/or restoration crews
- Prioritization of outages and response times
- Decision-making through additional informational tools

OMS Capabilities:

- Connectivity-based outage prediction and management
- Fully integrated platform for all job types, crew types, and referral work
- Ability for sorting, filtering, and viewing work
- Ability for users to create their own custom views
- Integrated graphical display and management of jobs and crews
- SAS Visual Analytics (VA) reporting tool allows for user-generated self-service ad-hoc reporting and data analysis

This document shall be revised every **1** year or incrementally as significant changes occur.

7.1 Outage Management System (OMS) Tools

CGI's OMS, now in use at PSEG Long Island, is a Commercial Off The Shelf (COTS) software solution. PragmaLINE OMS is used by utilities ranging in size from 68,000 to 4.6 million customers. CGI's outage management product has proven scalable for electric, gas, and water utility providers.

The transition to a mature, proven, and comprehensive CGI Outage Management Solution (CGI OMS System and PSE&G Storm Management Process) for PSEG Long Island has a useful record of success by PSE&G for 13+ years and includes:

- Storm restoration process changes
- Accurate outage detection
- Integrated data analysis and reporting
- Improved crew management
- Work order updates
- Outage communications

Figure 7.1 details the OMS flow chart and how it interrelates with its operational system tools and features. It also specifies the informational flow and its corresponding inputs, outputs, and operators.

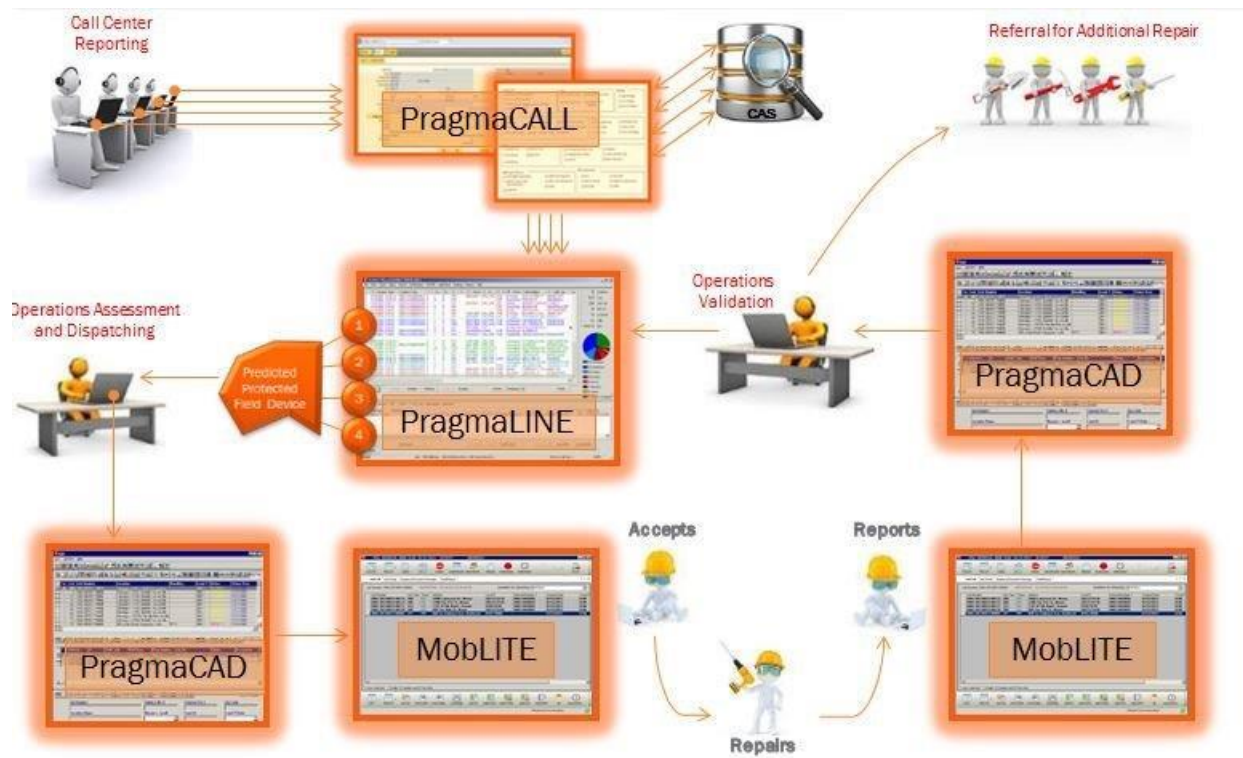


Figure 7.1 – OMS Flow Chart

This document shall be revised every 1 year or incrementally as significant changes occur.

7.1.1 PragmaLINE

PragmaLINE manages the entire outage restoration lifecycle, from initial detection to full restoration, including the following:

1) Incident Management

This module provides intelligent analysis of call and incident information received from customer information and IVR systems, as well as telemetry data from other sources. This includes Supervisory Control and Data Acquisition (SCADA) from substation distribution feeder breakers and Distribution Automation Supervisory Switches, such as ASUs and ACRs. Figure 7.2 shows the main Incident Manager Job List.

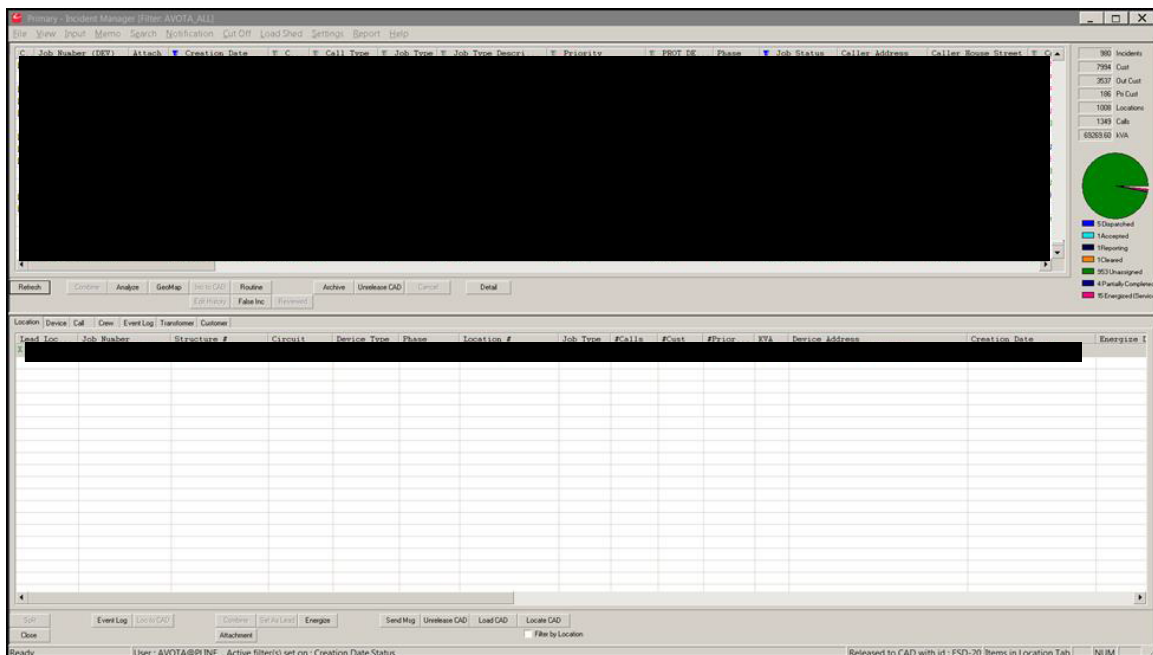


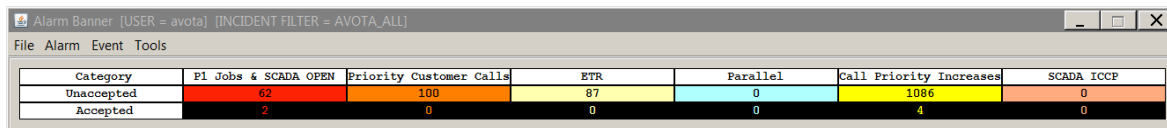
Figure 7.2 – PragmaLINE Incident Manager Job List

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2) Alarm and Event Management Module

This module provides dispatch operators with alerts and notifications configured to match their areas of interest. Figure 7.3 shows the Alarm and Event Manager and the six categories of alarms. Some of the areas of interest for alarm management are SCADA outages and Priority 1 calls, jobs containing calls from priority customers, and jobs with approaching and/or expired ETRs.

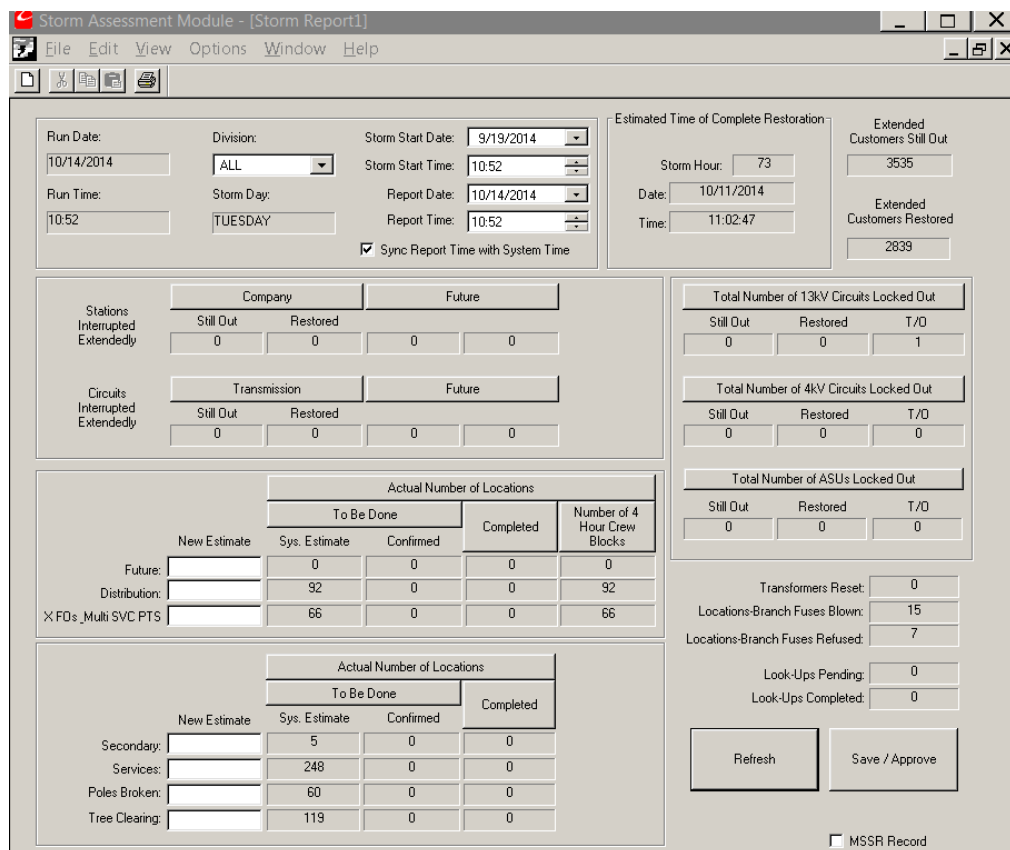


| Category | P1 Jobs & SCADA OPEN | Priority Customer Calls | ETR | Parallel | Call Priority Increases | SCADA ICCP |
|------------|----------------------|-------------------------|-----|----------|-------------------------|------------|
| Unaccepted | 62 | 100 | 87 | 0 | 1086 | 0 |
| Accepted | 2 | 0 | 0 | 0 | 4 | 0 |

Figure 7.3 – Alarm and Event Manager

3) Storm Assessment Module

This module displays a summarized state of affairs for storm outages and damage to help prioritize repairs (see Figure 7.4).



Storm Assessment Module - [Storm Report1]

File Edit View Options Window Help

Run Date: 10/14/2014 Division: ALL Storm Start Date: 9/19/2014 Storm Start Time: 10:52 Report Date: 10/14/2014 Report Time: 10:52 Sync Report Time with System Time ☒

Estimated Time of Complete Restoration: Storm Hour: 73 Date: 10/11/2014 Time: 11:02:47 Extended Customers Still Out: 3535 Extended Customers Restored: 2839

| Stations Interrupted Extendedly | Company | | Future | |
|---------------------------------|-----------|----------|-----------|----------|
| | Still Out | Restored | Still Out | Restored |
| | 0 | 0 | 0 | 0 |

| Circuits Interrupted Extendedly | Transmission | | Future | |
|---------------------------------|--------------|----------|-----------|----------|
| | Still Out | Restored | Still Out | Restored |
| | 0 | 0 | 0 | 0 |

| New Estimate | Actual Number of Locations | | | |
|---------------------|----------------------------|-----------|-----------|------------------------------|
| | Sys. Estimate | Confirmed | Completed | Number of 4 Hour Crew Blocks |
| Future: | 0 | 0 | 0 | 0 |
| Distribution: | 92 | 0 | 0 | 92 |
| X F0s_Multi SVC PTS | 66 | 0 | 0 | 66 |

| New Estimate | Actual Number of Locations | | | |
|----------------|----------------------------|-----------|-----------|--|
| | Sys. Estimate | Confirmed | Completed | |
| Secondary: | 5 | 0 | 0 | |
| Services: | 248 | 0 | 0 | |
| Poles Broken: | 60 | 0 | 0 | |
| Tree Clearing: | 119 | 0 | 0 | |

| Total Number of 13kV Circuits Locked Out | | |
|--|----------|-----|
| Still Out | Restored | T/O |
| 0 | 0 | 1 |

| Total Number of 4kV Circuits Locked Out | | |
|---|----------|-----|
| Still Out | Restored | T/O |
| 0 | 0 | 0 |

| Total Number of ASUs Locked Out | | |
|---------------------------------|----------|-----|
| Still Out | Restored | T/O |
| 0 | 0 | 0 |

Transformers Reset: 0
Locations-Branch Fuses Blown: 15
Locations-Branch Fuses Refused: 7
Look-Ups Pending: 0
Look-Ups Completed: 0

Refresh Save / Approve

☐ MSSR Record

Figure 7.4 – Storm Assessment Module's User Interface

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4) Event Replay

This module simulates large-scale outage events and re-creates past outage conditions from archived data for operator training, performance testing, and post-event analysis. Simulated storm events may be created ad hoc, or based on an interactive query and selection of past high-volume call and outage events (see Figure 7.5).

Figure 7.5 – Event Replay Module’s User Interface

This document shall be revised every 1 year or incrementally as significant changes occur.

7.1.2 PragmaCAD

1) Centralized Dispatch

This module manages all types of fieldwork, from routine to complex, including trouble/outage, service, maintenance, repair, inspection, and construction. PragmaCAD provides a graphical toolset that includes interactive views of the work order process, as well as centralized, real-time monitoring of mobile field personnel (see Figures 7.6 and 7.7).

2) Field Communication

This module streamlines fieldwork order management by providing field resources with remote access to critical information. Field personnel can receive, accept, update, and complete work orders, while maintaining process and data consistency during the work order lifecycle.

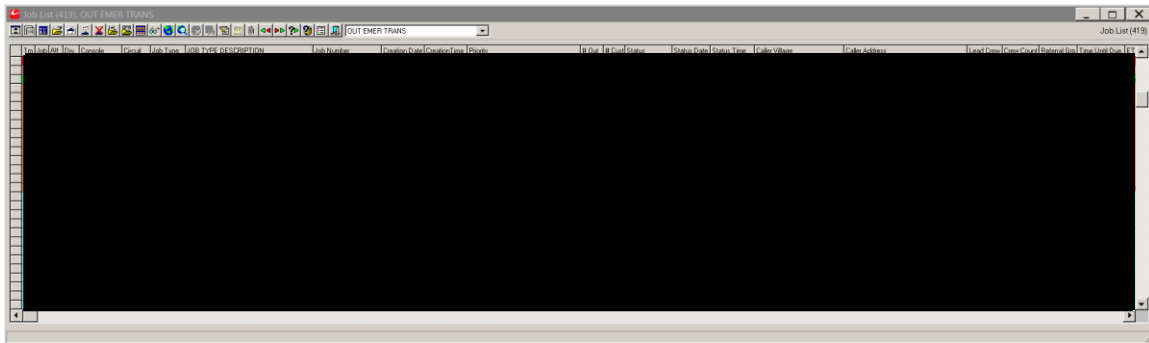


Figure 7.6 – PragmaCAD Job List

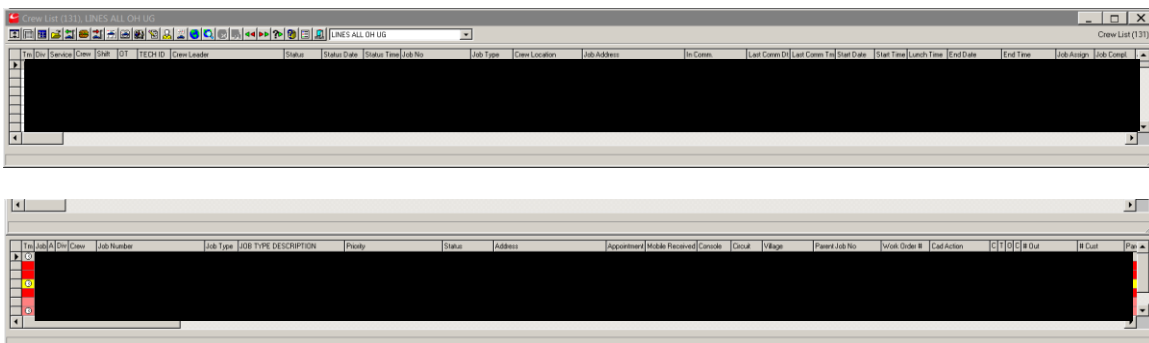


Figure 7.7 – PragmaCAD Crew and Assignment Lists

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7.1.3 PragmaCALL

Web-based call taking is utilized by CSRs accessing the system via an intranet web browser. CSRs and other employees can submit customer outage and service calls, inquire about status for existing calls (ETRs, power restored, etc.), and search incidents with a 'view-only' version of the PragmaLINE Incident Manager (see Figure 7.8).

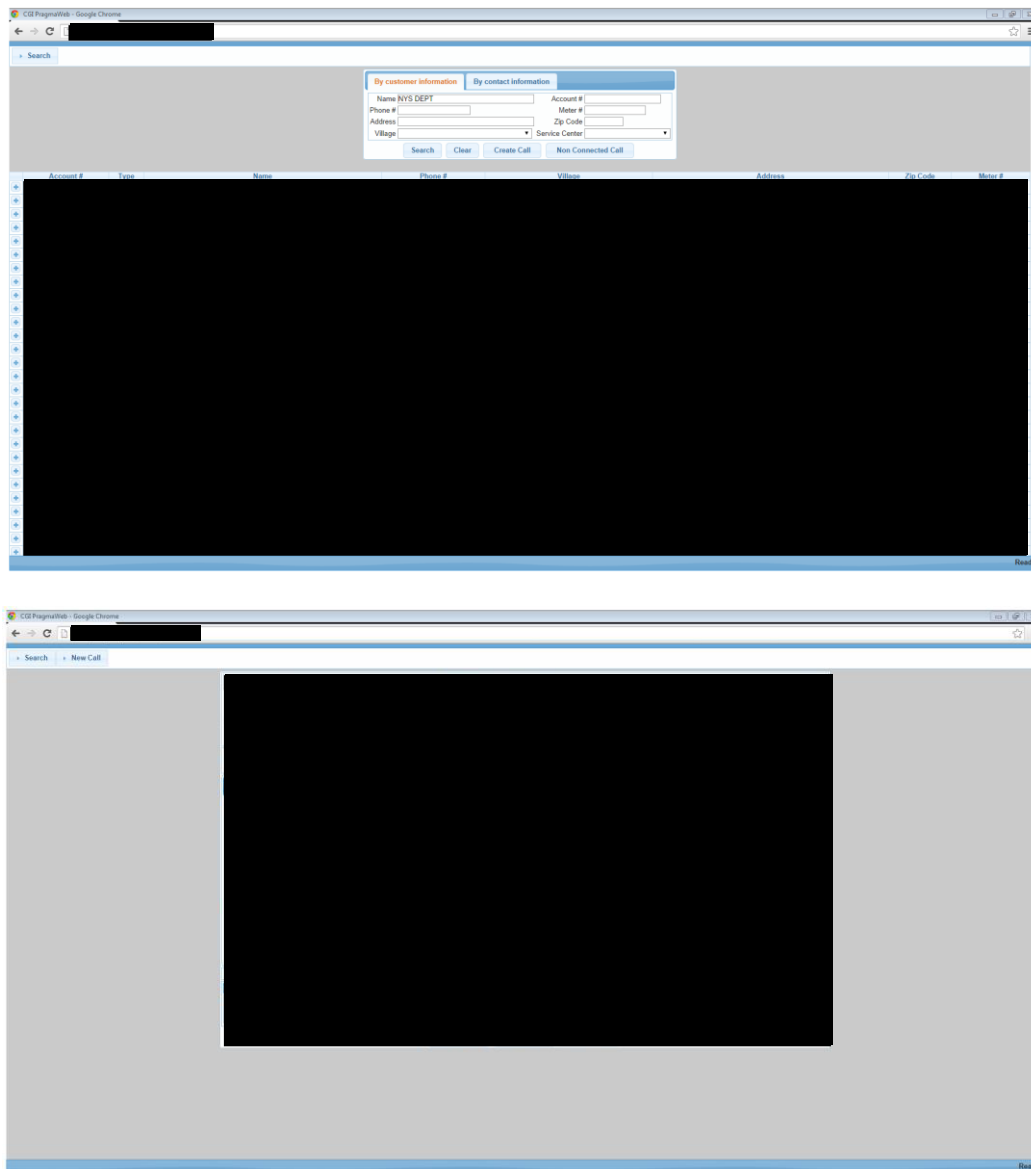


Figure 7.8 – PragmaCall Call Taking Module (Top: Search Screen; Bottom: Call Taking Screen)

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7.1.4 PragmaGEO Map Views

1) Geospatial Displays

This module provides digital representations of real-world network conditions to help identify and quickly respond to outages. Distribution network connectivity is displayed on a geographically-referenced land base, which is enhanced by GIS information supplied by PSEG Long Island. Map icons display customer calls, jobs, and crews in a geo-referenced context (see Figure 7.9).

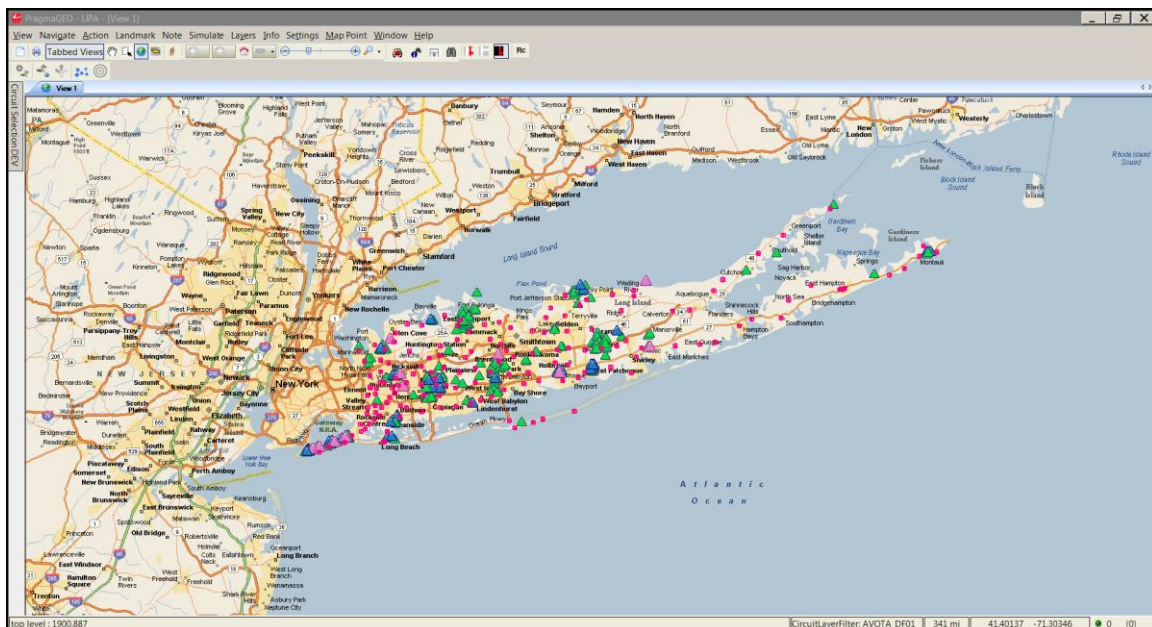


Figure 7.9 – PragmaGEO Map View Long Island Overview with Outage Markers

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7.1.5 MOBLITE

The PragmaCAD Mobile Data Terminals (MDTs) are currently deployed in the Electric Service Department's Emergency Service personnel single bucket trucks. There are approximately 120 vehicles equipped with MDTs, running the MOBLITE software application. MOBLITE is used by the emergency service personnel, who are the first responders to outages and emergency calls, such as wire down calls on normal days and during storm conditions.

PSEG Long Island's Meter Services Department also utilizes approximately 150 MDT equipped vehicles. Meter Services uses the terminals for daily normal operations and can utilize them during restoration events for roles that can include: transmission inspections, system surveys, and flood response. The MDTs have access to many of the same OMS tools available to office personnel, such as the GIS Viewer and PragmaCALL (see Figure 7.10).

Beginning in late 2016, an additional 320 users from the OH/UG Lines and SPT departments have begun utilizing MDTs for outage restoration work. This is a phased in approach to eventual full day-to-day use in those departments currently planned for Q4 2018.

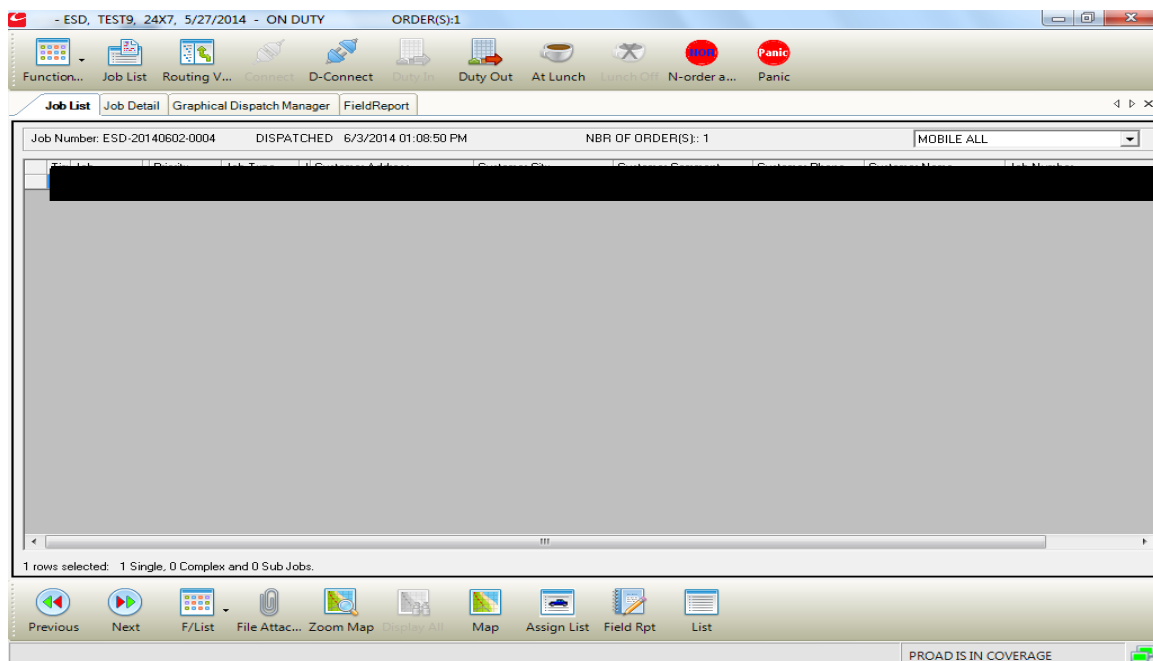


Figure 7.10 – MOBLITE Mobile Data Terminal Job List

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7.2 Other OMS Related Applications

In addition to the CGI of OMS applications, OMS is supported by additional ancillary applications that aid in the day-to-day and storm operations. These include ESRI GIS Viewer application and SAS VA Reporting and BI tools.

7.2.1 Geographic Information System (GIS) Viewer

The electric network model used in the OMS is sourced from GIS data from the PSEG Long Island GIS. This electric network model and GIS land base are available to all users, via an Intranet-based web browser that supports various base maps, land base, and electric layers.

The GIS Viewer supports the following electric network model layers:

- Transmission
- Primary
- Secondary
- Underground

The GIS Map Viewer (see Figure 7.11) supports the following land base layers:

- Grid (an overview layer of the company's legacy grid coordinate system)
- Village (an overview layer showing the geographic boundaries of the individual villages)
- Division (an overview layer showing the geographic boundaries of the four service divisions)
- Parcel (an overview layer showing the geographic boundaries of a section or area of land)
- PSEG Long Island land base (static layer with equipment (i.e., poles))

The GIS Viewer supports the following base maps:

- Streets
- Imagery (aerial photos)
- Gray canvas (map with light gray background color for increased contrast for viewing overlays)

This document shall be revised every 1 year or incrementally as significant changes occur.

The GIS Viewer supports various tools to search for locations by street address, equipment by grid number or latitude/longitude coordinates, device name/number, and equipment type. The GIS Viewer also supports a “Find My Location” function that can show the user’s location based on Global Positioning System (GPS) or geo-location data, and can zoom into the user’s current location on the map. A related records view allows a user to see information about the customer(s) attached to various service points on the network.

The GIS Viewer is designed to easily integrate a piece of equipment on the electric network model and present key data about that asset in an information box. The geographic location and other asset related data, presented in those information boxes, is readily transferrable to OMS Field Reports, via standard Windows’ Operating System “Cut/Paste” operations.

The GIS Viewer has support tools that allow a user to annotate on a map, and produce a map of the area. This map indicates damaged assets that are in need of repair, in order to restore electric service or make other repairs to the electric network. These maps can be printed to Portable Document Format (PDF) and attached as electronic files, that can be forwarded with the OMS job order to MDT-equipped mobile users. The maps can also be accessed, as attachments, by other Storm Crew Dispatchers that may be dispatching non-mobile repair crews. The GIS Viewer maps can also be sent to printers for a printed hardcopy output. These internal maps are ultimately used for dispatching crews, work planning, and managing outages overall.

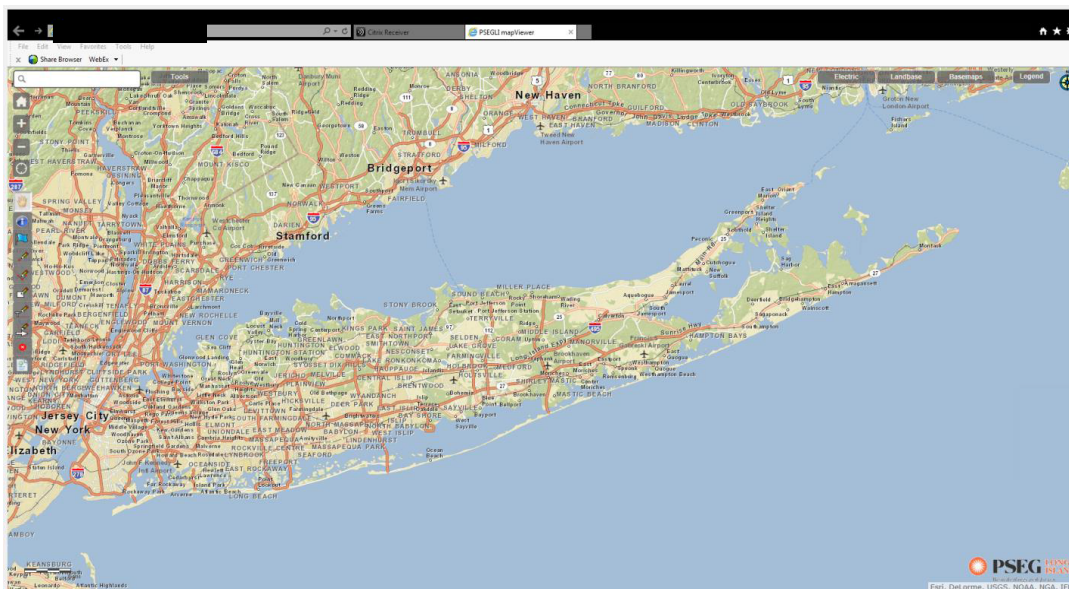


Figure 7.11 – GIS Map Viewer

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7.2.2 SAS Visual Analytics (VA)

Reporting and BI for the OMS is provided by the SAS VA suite of products. The SAS reports are available to all OMS users and other key stakeholders throughout PSEG Long Island. They can be accessed via an intranet web browser and are available to authorized users. Most OMS users and company employees can access 'view-only' versions of the OMS reports (see Figure 7.12).



PSEG Long Island Outage Management Reporting
This is SAS Production App Portal
Powered by SAS VA 6.4

[Log into SAS VA Production](#)

[SAS VA Reports](#) [Stored Process Reports](#) [SAS Training Guides](#) [Other Links](#)

Announcement

- SAS Enterprise Guide is now available for SAS Developers. [SAS Enterprise Guide - Getting Started \(V7.1\)*NEW*](#)
- Generic sign on 'enhance' has been disabled. If you haven't received your SAS Report login details, send an e-mail request to DL_PSEG11-SAS-Support or call the [REDACTED]
- [SAS VA - Getting Started Guide \(V7.1\)*NEW*](#)
- SAS Visual Analytics 7.4 will be rolled out in November 2017.

SAS Visual Analytics Reports

| Report | Refresh Rate |
|--|--------------|
| YTD ESD Complaints 924-927 | Every 15 min |
| YTD All Voltage & Open Neutral (740) | Every 15 min |
| ESD Backlog Report | Every 15 min |
| ESD Post 4 Days MDT Completion Reports | Daily @1 AM |
| Outage Jobs - ETR & Cause Code Last 4 Days | Daily @1 AM |
| Field Report Details - OH & UG Transformers | Daily @4 AM |
| Field Report Details - Replace Pole | Daily @4 AM |
| Meter Services Completed Jobs | Daily @1 AM |
| EMT Completed AML Jobs | Daily @1 AM |
| Collection Jobs - Detail Reports | Daily @1 AM |
| Dormant Review Report | Daily @1 AM |
| CSO Job Log Report | Daily @1 AM |
| All Jobs Agency V2 (includes Active and History) | Every 15 min |
| CallBack List | Every 15 min |
| County Town Village Outage Report | Every 15 min |
| Division Outage Summary | Every 15 min |
| ETR Summary | Every 15 min |
| Key Customer Outage | Every 15 min |
| Reliability Reports (CAIDS/NAIFS/AIDIS) | Daily @1 AM |
| Status of Electric Reliability | Daily @1 AM |
| Part Light CallBack Listing | Daily @1 AM |
| OMS Key Customer Report | Daily @1 AM |

[Click here](#) to access SAS Production VA Reports

Stored Process Web Server Real Time Reports

- Field Report Generation
- Outage Job Priority Matrix and Listing (RDRP)
- Long Duration Outage Report (Over 3 Hours)
- Customer Call By Type
- Completed Jobs by Category
- Collection Call - cfp
- CSO Completed Special Reads

[Click here](#) to access SAS Production Stored Process reports

SAS User Training Guides

[SAS VA - Getting Started Guide*NEW*](#)
[SAS Enterprise Guide - Getting Started \(V7.1\)*NEW*](#)
[User and Training Guide \(V7.1\)](#)

Other Links

[PSEG11mapViewer](#)
[LIGHTS: Long Island Geographic Information Targeting System](#)
[PSEG11 IT Self Service Portal](#)

Contact Us

PSEG11 Helpdesk Email: [REDACTED] Phone: [REDACTED]
PSEG11 SAS Support Email: [REDACTED] Phone: [REDACTED]
Please Direct Comments/Questions To: WebMaster

Figure 7.12 – SAS OMS Reports Landing Page

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SAS Stored Process Web Server supports near real-time reports. These reports are usually of a fixed format, and allow the user to select from a few preset input parameters, such as Date Range, Division, Job Types, etc. (see Figure 7.13).

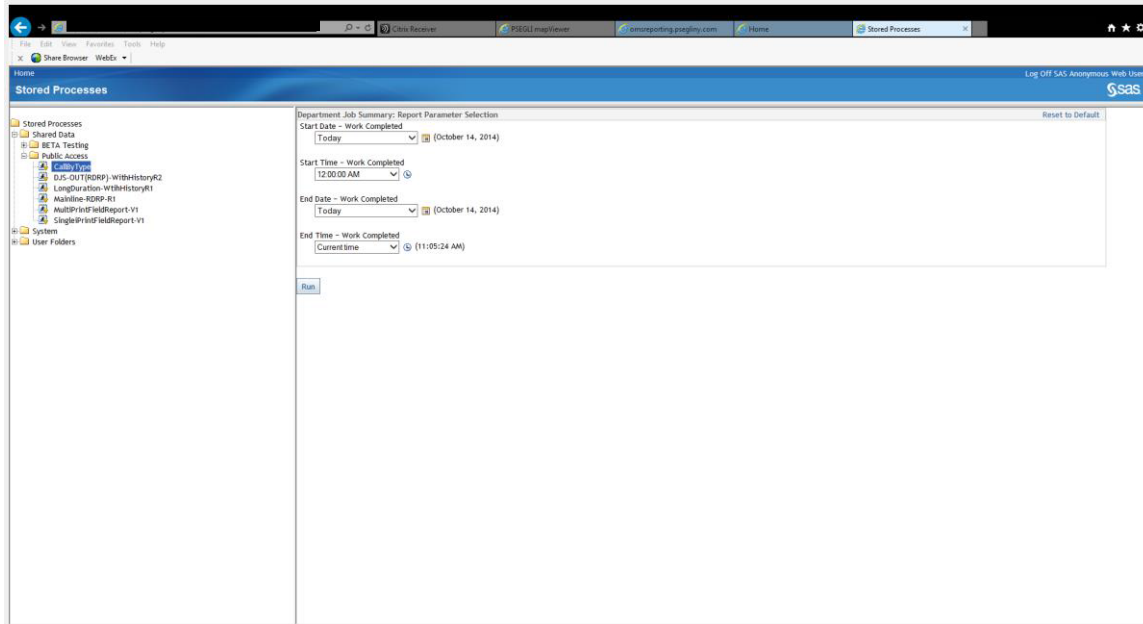


Figure 7.13 – SAS Stored Processes OMS Reporting Screen

SAS VA OMS Reporting Hub (see Figure 7.14) uses fifteen minute delayed data, and allows for a more interactive user experience. The user can make multiple selections, drill down from a high-level geographical based hierarchy, and add or remove report criteria, as they navigate.

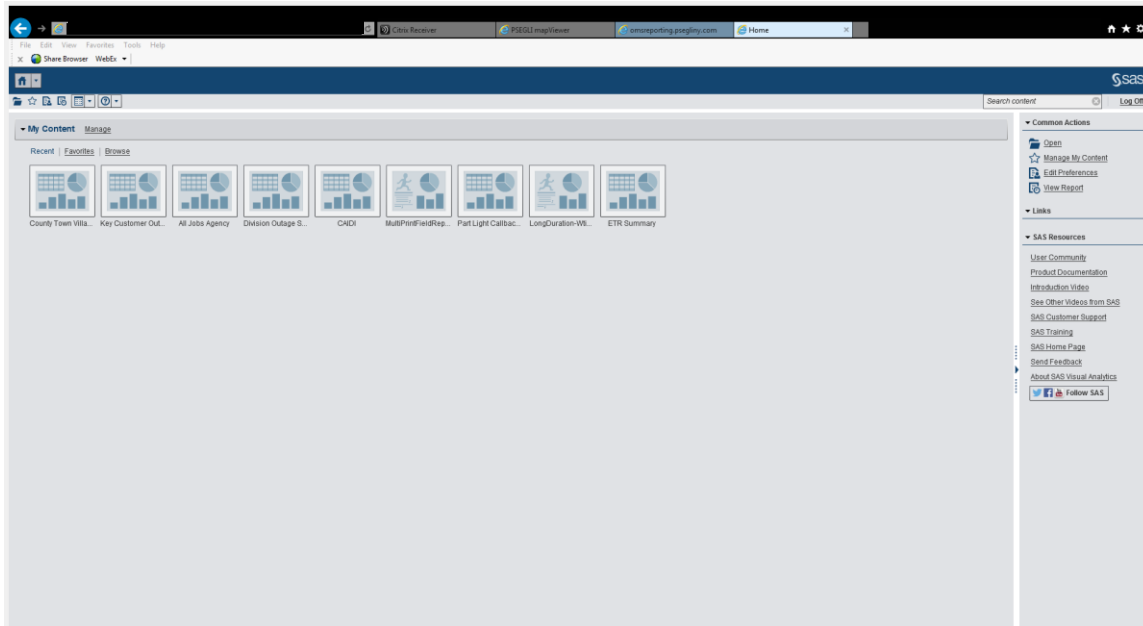


Figure 7.14 – SAS VA OMS Reporting Hub

7.2.2.1 Key Reports to Support Outage Management

Some of the key reports available from the SAS Stored Process Web Server are:

- Field report generation (printing of completion records and field damage reports)
- Outage Job Priority Matrix and Listings (summary of outages by outage priority/customers out)
- Long Duration Outage Report (over 3 hours)
- Customer Calls by type (summary of calls for outages, non-outages, emergencies, tree trim, etc.)

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Some of the key reports available from the SAS VA Hub Reporting Tool are:

- All Jobs Agency (user selectable drill down by job type, job status, and geographic area)
- Call Back List (a listing of single outage calls to use to manually call back for power on checks)
- County/Town/Village Outage Report (summary of outages and ETRs by geographic area)
- Division Outage Summary (summary of outages by priority/customers out)
- ETR Summary (status of ETRs for outage jobs)
- Key Customer Outage (report of outages affecting Critical Facility and Major Account customers)
- Reliability Reports (Standard Reliability indices reports)
 - Customer Average Interruption Duration Index (CAIDI)
 - System Average Interruption Frequency Index (SAIFI)
 - System Average Interruption Duration Index (SAIDI)
- Status of Electric Reliability (summary of Reliability Reports)
- Part Light Call Back Listing (listing of customers that experienced part power for survey follow-up)

7.3 External System Interfaces

7.3.1 Customer Accounting System (CAS)

The OMS interfaces to the PSEG Long Island CAS to receive data on customer account information for use by the OMS. This data includes basic customer information, location information, and electric account specific information, such as:

- Account number
- Rate code
- Classification of customer (residential, commercial, and other)
- Priority customer classification (Critical Facility, Major Account, Co-Gen)

The OMS was bulk-loaded with all customer account data upon initial deployment, and a daily interface maintains nightly updates of the delta changes in account information as customers move in/move out.

In addition to the nightly batch load, there is a near real-time interface that reflects status changes for customers that may have been cut-off for non-payment during the workday.

This document shall be revised every **1** year or incrementally as significant changes occur.

7.3.2 Geographic Information System (GIS)

The distribution circuit data used by OMS is received via an interface to the ESRI GIS. All distribution feeders were initially extracted from GIS and loaded into OMS. As feeders change with circuit reconfigurations and/or additions or deletions of customer load, the feeders that change on any given week are extracted and reprocessed back to the OMS to reflect the updates in OMS.

The GIS to OMS interface supports the ability to extract a feeder “on demand,” known as an immediate update. This allows critical updates to be made in a timely manner.

On a monthly basis, all feeders are extracted and processed to OMS, whether or not they have had any major reconfigurations. This allows background asset data changes, such as transformer sizes, fuse sizes, and/or wire sizes that may have to be updated. It also keeps the customer account changes synchronized between the GIS, CAS, and OMS.

7.3.3 Employee Personnel

All PSEG Long Island employees are included in the OMS system for the purpose of being able to be assigned to a repair or survey crew. Basic employee data, such as name, job title, work location, phone number, etc., are available in the OMS Crew Management function.

Employee personnel data was initially bulk-loaded into OMS, via an SAP upload. The SAP system utilized is the database of record for all employee personnel data. Periodic updates are conducted, as needed, to reconcile employee data and to ensure all PSEG Long Island personnel are properly represented in OMS for the purposes of Crew Management, if necessary.

The OMS also supports crew data for certain on-island Contractor Crews that regularly work for PSEG Long Island on a day-to-day basis and during storms.

For major storms, the system is equipped to handle Foreign Mutual Aid Crews, via the Crew Management function as well. The information is currently manually uploaded based upon the planned restoration activation.

This document shall be revised every 1 year or incrementally as significant changes occur.

7.3.4 Interactive Voice Response (IVR), Web, Text

The OMS is interfaced to the Customer Relations IVR systems and enables customers to report power outages, via an IVR. Basic, no light calls can be received by the IVR and passed to the OMS, via the interface. All wire down report callers are transferred to a live CSR, to report their problem directly with a representative to ensure all pertinent information is captured.

The OMS is interfaced to the PSEG Long Island web site, where a customer is able to report a power outage, via a web page form, if they have signed up for an online account. Status updates on the outage reported are returned to the customer via e-mail notifications.

The OMS is interfaced to the Kubra (formerly iFactor) - iNotifi system. Customers that register for this service can report power outages and receive status updates, via text messages, on their mobile devices. iNotifi has added support for proactive outage notifications as of Q4 2017. An “outage detected” notification will be sent to customers that are affected by a sustained power outage, even if they have not yet called to report it. Additional communications are provided to the customers on change of ETR or addition of cause code data. Power on verification calls are made to those users that reported the outage.

7.3.5 Supervisory Control And Data Acquisition (SCADA)

PSEG Long Island has near 100 percent SCADA coverage for its distribution feeder breakers. In addition, an extensive network of automated distribution remote supervisory controlled switches on the distribution circuits exists. These SCADA breakers and switches report their status, via various wired and wireless communications links from the field, back to the SCADA head-end devices. The breaker and switch positions are stored in near real-time to the Process Intelligence (PI) Historian system. OMS is interfaced to the PI Historian system, and any changes in the state of the SCADA devices are immediately conveyed to the OMS, by way of the SCADA PI Historian interface, via the Enterprise Service Bus (ESB).

This interface allows the OMS to become aware of large area outages affecting hundreds to thousands of customers within one minute of the SCADA devices operating. This allows the OMS to group subsequent outage calls behind these SCADA devices, and helps the outage call grouping algorithms of the OMS perform more efficiently.

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7.3.6 Outage Historian (OH)

All current and completed job data, from the OMS, is stored in a corporate database referred to as OH. The OMS publishes outage data across the ESB into OH whenever a significant change in status or core information has occurred. These messages are a complete and time stamped snapshot of the information for each outage job. For example, it includes a list of service points (customer accounts) affected, the ETR for the outage, cause code (when provided by the Crew), and the status of the job (pending, dispatched, crew en route, crew onsite, and/or restored (energized)).

These messages sent to OH are then available to be retrieved by the OMS reports, Kubra outage map on the PSEG Long Island Storm Center website, IVR systems, iNotifi and customer representatives that are handling calls from customers.

7.3.7 Kubra Outage Map

The PSEG Long Island website utilizes an industry standard outage map on its Storm Center page (see Figure 7.15). This outage map is provided by a third party, Kubra. The outage data from the OMS that is stored in the OH database is regularly queried to provide fifteen-minute updates to PSEG Long Island customers.

The outage map indicates an icon on the map in the general area of the outage. The size and color of the icon indicates the number of customers affected by the outage. Hovering over or clicking on the icon provides the customer with the ETR for the outage, as well as the crew status (pending, dispatched, en route, onsite, etc.) and outage cause. A hardhat icon is used to indicate jobs that have crews assigned to them.

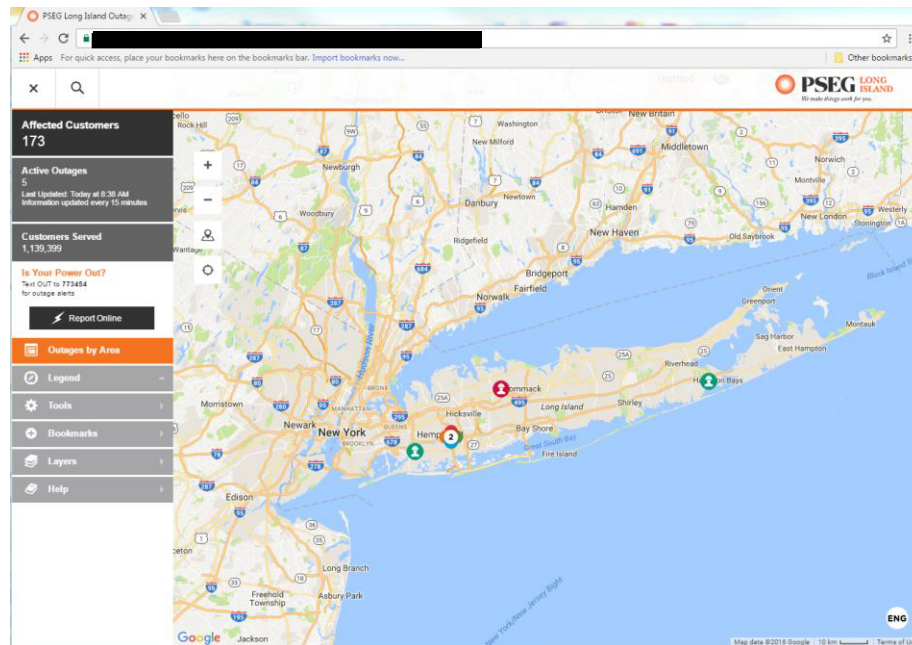


Figure 7.15 – PSEG Long Island Storm Center Outage Map

The outage map also has tabular summaries of outages by County, Township, and Village (see Figure 7.16). During larger storm events with widespread outages, the outage map can be changed, by an administrator, to report at the aggregated level for villages, instead of reporting at the individual outage locations. This helps with providing Global, Regional/County, and Local/Municipal ETRs, in accordance with ETR protocol dictated by the NYS DPS.

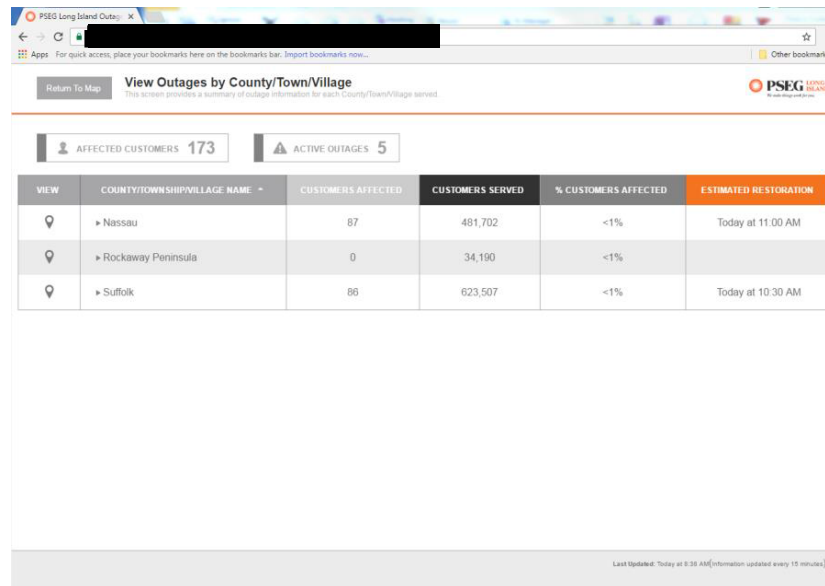


Figure 7.16 – PSEG Long Island Storm Center Outage Map Tabular View

The outage map also has a message board function, which can be initiated by an administrator, that allows a custom message to be displayed along the top of the outage map. This can be used to display any additional information to the customers viewing the outage map on the website.

In a large-scale storm restoration event, the banner message inserted on the top of the map can be used to provide important messages, links, and ETRs, via this web page outage map.

At the initial onset of an event, such as a hurricane or ice storm, this banner message may initially display the global ETR for a storm of the anticipated magnitude, based on historical events. For example, the message may warn that customers should expect to be out for “up to 10 days,” if a major hurricane is approaching. Once damage assessment is undertaken, after the storm, this global ETR is routinely refined, accordingly.

As the storm progresses, the table shown within Figure 7.16 is updated to provide the Regional/County ETR (ETRs for Nassau, Suffolk, and/or Rockaway Peninsula).

As the storm restoration progresses into the second/third day, the local/municipal ETRs would begin to be provided on the Village view drill down of the table shown within Figure 7.16.

7.3.8 External Interface to New York State Department of Public Service Electric Utility's Emergency Outage Reporting System (EORS) Data

The OMS SAS reporting system provides ½-hour updates, via File Transfer Protocol (FTP) to the NYS DPS EORS Mapping system. This data consists of outage data for the 351 geographic village polygons used in the PSEG Long Island GIS and OMS. These records include: a NYS DPS specific geocode referencing the village, the number of customers served in that geographic area, the number of customers affected, and the date and time of the latest estimated restoration for outages in that village.

A sample file format is as follows:

GEOCODE, CUST SERVED, CUST AFFECTED, ETR DATE, ETR TIME

04913.0, 3703, 0, 0, 0

05034.0, 2790, 0, 0, 0

05617.0, 2493, 7, 102315, 1515

05672.0, 319, 0, 0, 0

05738.0, 6235, 1, 102315, 1340

7.3.9 External Interface – Municipal Portal

The Municipal Portal is a geographical based map portal that provides government and municipal officials with another tool to view outage and emergency jobs similar to the Kubra Outage Map (see Section 7.3.7 above). In addition to viewing data concerning outage and emergency jobs, the Portal also allows registered users to submit reports about wires and/or poles that are down and are blocking roadways. These are referred to as MSTC jobs and require expedited utility crew response in order to work jointly with Municipal Highway Departments. Registered users can also report outages related to critical facilities in their jurisdiction and provide input on the prioritization of repair of these facilities. For both critical facility outages and MSTC requests, the Municipal Portal allows users to sign up for status notifications related to specific jobs in their areas. Sample Municipal Portal screenshots are shown in Figure 7.17 through Figure 7.21.

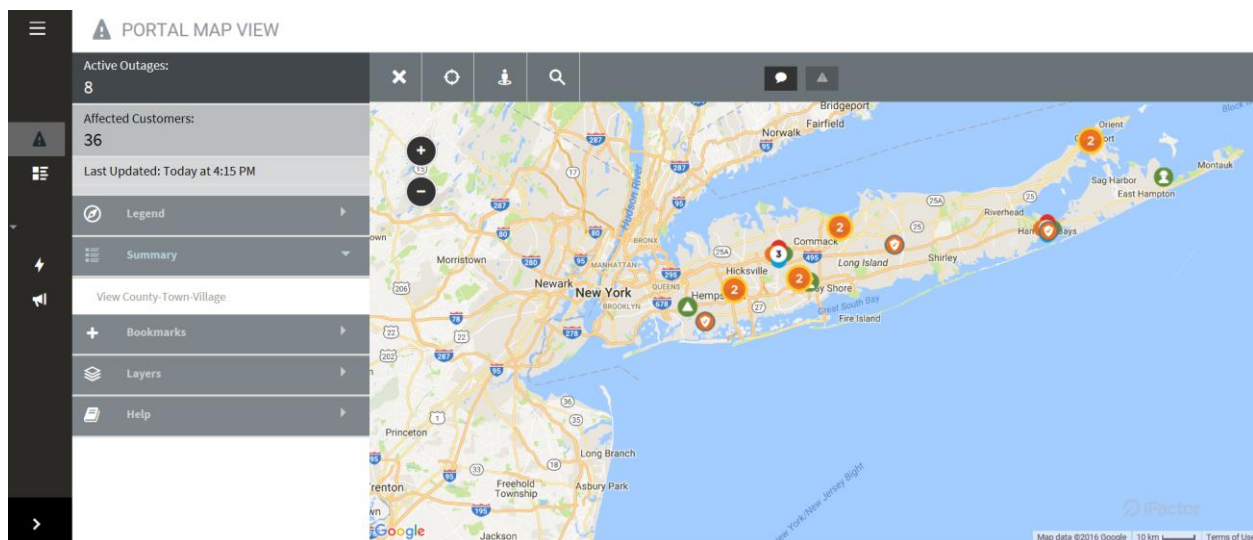


Figure 7.17 – Municipal Portal Map View

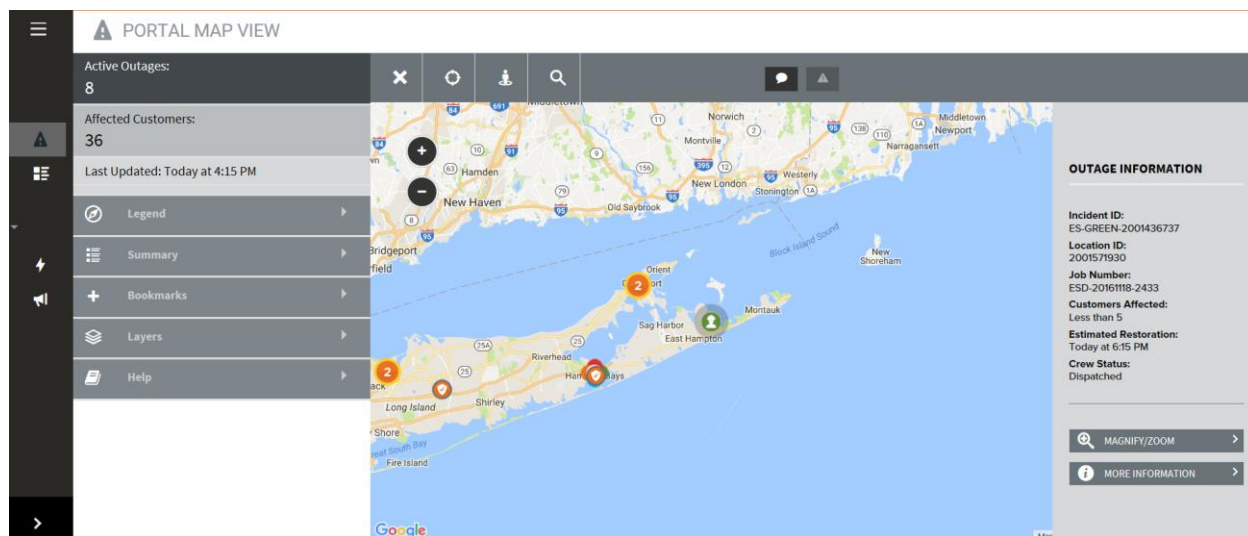


Figure 7.18 – Municipal Portal Map View Showing Outage Job Details

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PORTAL LIST VIEW

Region Selector

Pick the region you would like to see critical facilities for:

Select County ▼

Select Town (Optional) ▼

Select Village (Optional) ▼

SUBMIT

Figure 7.19 – Municipal Portal Region Selector for Critical Facility Listing

PORTAL LIST VIEW

Export to CSV Edit Facilities

6 of 6 Critical Facilities loaded.

| Job ID No | ETR | Crew status | Description | Comments | Additional information | View map | Alert preferences | Report outage |
|-----------|-----|-------------|------------------------------|----------|------------------------|----------|-------------------|---------------|
| | | | Water Filter or Pump Station | | | 📍 | 🔔 | ⚡ |
| | | | Sewage or Pump Station | | | 📍 | 🔔 | ⚡ |
| | | | Sewage or Pump Station | | | 📍 | 🔔 | ⚡ |
| | | | Civil Defense HeadQuarters | | | 📍 | 🔔 | ⚡ |
| | | | Sewage or Pump Station | | | 📍 | 🔔 | ⚡ |
| | | | Sewage or Pump Station | | | 📍 | 🔔 | ⚡ |

Figure 7.20 – Municipal Portal Critical Facility Listing Showing Links to View Map, Get Alerts, or Report Outage

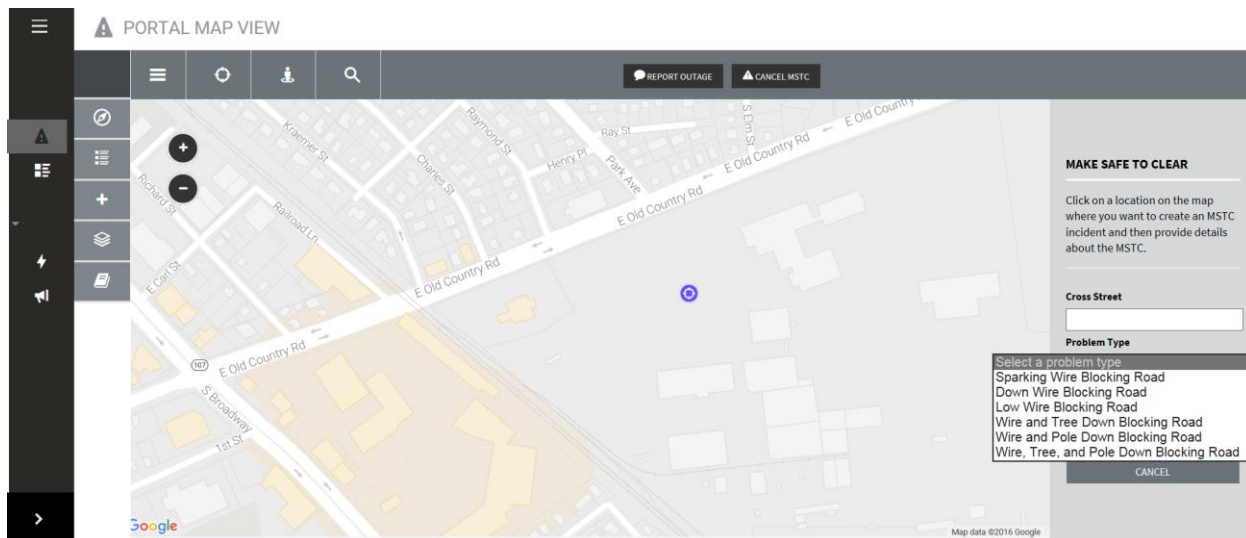


Figure 7.21 – Municipal Portal User Interface to Report of Make Safe To Clear Blocked Road Location

8. ESTIMATED TIME OF RESTORATION (ETR) GUIDELINES

8.1 Overview

Providing accurate and timely ETRs is a top priority of PSEG Long Island's overall restoration process. An ETR provides an estimate of when service will be restored to a customer, location, area, and/or work assignment. They help to provide an approximation of restoration time, based on the conditions assessed on site, along with supporting historical data. ETR calculations are ultimately constructed based on average restoration clear times, damage assessments, and manpower and equipment availability. ETRs assist utility providers when taking preparatory steps during restoration operations, by serving as a predictor of outage lengths, which assist with determining the operational resources and actions required to deliver restoration in a targeted time frame.

Naturally, the timing, magnitude, and impact of an event will factor into ETR times, but establishing a baseline of projections assists when determining operational goals and timelines. PSEG Long Island also aims to better serve its customers, municipal officials, and emergency support organizations, through a coordinated and focused ETR administration and the communication of accurate and timely information. These projected restoration times are vital to external groups, and often formulate the basis for personnel planning and early preparedness efforts, based on the outage and ETR data provided.

ETR information is readily available to our customers, stakeholders, and associated employees. Depending on the mechanism used for entering the outage condition, ETRs are disseminated in a variety of ways, including phone, email, and text notifications. ETR information can also be obtained through PSEG Long Island's outage website or by speaking to a representative in our customer contact centers, which remain open 24 hours a day, 365 days a year.

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8.2 ETR Classifications and Inputs

8.2.1 ETR Classifications

ETRs are segregated into three types: Global, Regional, and Local. These classification levels allow PSEG Long Island to provide its customers with more accurate restoration estimates, based on the storm conditions and the corresponding restoration efforts. The classifications are naturally interconnected, and follow a top-down input methodology based on anticipated operational actions, results, and damage assessments. The ETR information will ultimately become more precise as additional data and information is obtained, on a local level, and as restoration efforts progress.

- Global ETRs – Information is determined at a system-wide level
- Regional ETRs – Information is determined at a county and/or division level
- Local ETRs – Information is determined at municipal level on individual job basis

Figure 8.1 provides a high level overview of the typical ETR process during restoration efforts, and includes a summary of targeted efforts and information availability during various stages of restoration.

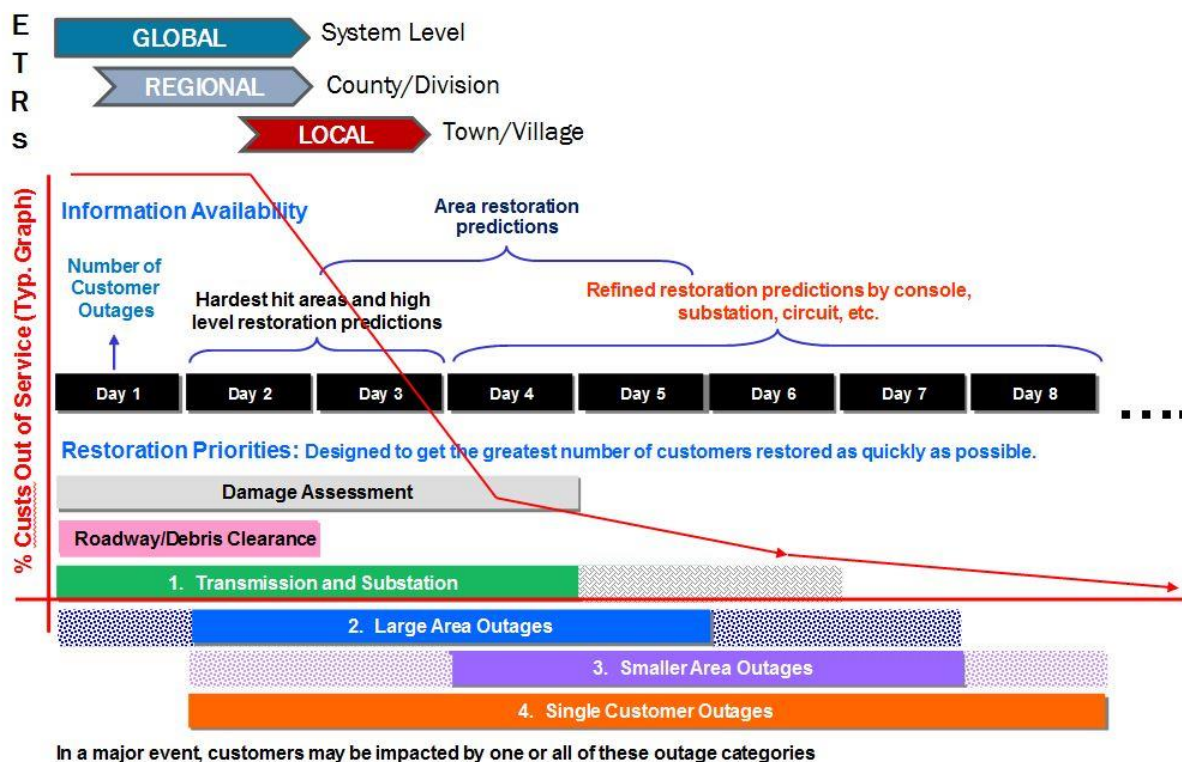


Figure 8.1 – Restoration Priorities, ETRs, and Predictions for Major Events

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8.2.2 ETR Inputs

Data used to populate ETRs on outage reports are derived from a variety of sources. Initially, ETR estimates are based on past storm history and operational experience, while considering the projected path, severity, and impact of the potential storm. These high level global estimates, often provided prior to or shortly after a storm passes, help to set customer expectations regarding the predicted outage duration at a system level. In any large-scale outage, three vital pieces of information must be gathered for ETR purposes:

- Number of electric customers out of service
- Amount and type of damage to the T&D Electric system
- Manpower availability (number of resources and timing of availability)

Once this information has been collected, restoration plans can be executed more efficiently and ETRs can begin to be computed and disseminated accordingly. PSEG Long Island utilizes multiple forecasting and modeling practices to better determine ETRs on all outages.

While projecting ETRs is ultimately based on the analysis of pending outages and the manpower available for restoration, many other informational sources are taken into consideration when calculating ETRs including:

- Outage Information
 - Damage assessments
 - Circuit lockout totals
 - Substation(s) status
 - Average trouble clear times
 - Number of trouble reports
 - Trouble reporting times (pre, mid, and post storm)
 - Historical data and trends
 - Work conditions

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- Storm Data
 - Storm type (hurricane, nor'easter, etc.)
 - Storm category
 - Storm path
 - Duration of event
 - Associated weather
 - Severity of damage
 - Types of damage experienced
 - Future weather patterns
- Resources
 - Crewing
 - Manpower availability
 - Average crew and manpower clear times
 - Travel and roadway conditions
 - Resource and asset availability

8.3 ETR Strategies

Providing accurate ETRs is a key component of the overall restoration process. The ability to provide such an estimate is a deliberate process, which begins with a high level system-wide (global) estimate, that is progressively refined throughout the restoration process.

At minimum, and consistent with NYS DPS ETR protocols, PSEG Long Island utilizes the most up-to-date information available to provide accurate global, regional, and local ETRs. The goal is to align them with the NYS DPS ETR protocols and ETR accuracy expectations.

Such ETRs are developed on a timely basis and communicated to affected customers and stakeholders, utilizing multiple channels and communications mediums. Outages occur under a variety of circumstances, such as normal day, minor storm, and major storm. Each condition requires a different methodology for creating customer messages and ETRs. In some cases, it may not be possible to provide an automated estimate until a good cross-section of damage conditions are assessed and analyzed by field survey teams. Depending on the scale and scope of the storm, the surveying process can take several hours to multiple days.

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Customer messaging is an important function pertaining to ETRs. A typical customer message is comprised of three parts: size of the area affected by the outage, dispatch status, and an ETR (if one exists).

Customer messages are communicated via Nuance IVR, Twenty-First Century IVR (via call back), CSR, text messaging and e-mail via Kubra iNotifi, PSEG Long Island's Storm Central Outage Map and Municipal Portal, various paths of social media, media outlets, and press briefings. In addition, manual/automated outbound messaging may also be utilized.

PSEG Long Island's Storm Central website is another major source of ETR related information for customers. The website presents outage data in the form of a map of the service territory, with icons displaying the number of outage jobs, customer counts out of service, and the ETR, if available.

8.4 ETR Conditional Strategies

PSEG Long Island employs a variety of strategies pertaining to ETR administration, depending on the overall severity and impact of the storm. Conditional ETR strategies for PSEG Long Island align with our Emergency Classifications as described in Section 5 of this ERP. Each conditional strategy utilizes different methods of ETR management, with the overall goal of more accurate ETRs and a better informed customer base.

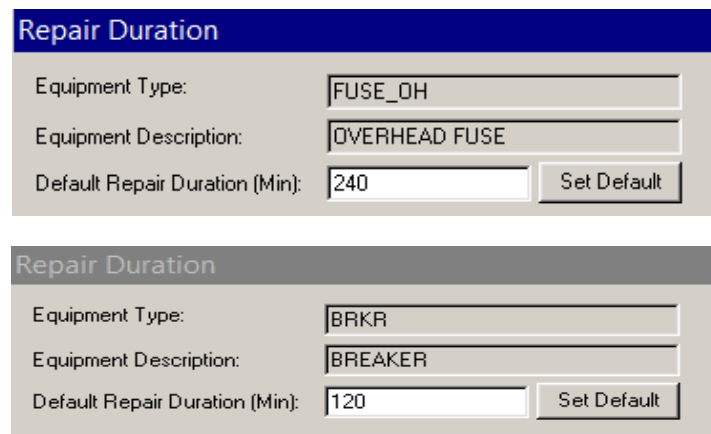
8.4.1 Condition I “White” ETR Strategies

These strategies align with everyday practices and procedures employed by PSEG Long Island on a normal condition “White” day. These protocols include:

1) Outage Management System (OMS)

ETRs are populated when the outage report is entered based on average repair durations by equipment type and historical data.

As Figure 8.2 shows, repair durations and ETRs will differ between equipment types, such as overhead fuses (4 hour baseline default) and mainline circuit breaker level outages (2 hour baseline default).



The figure displays two screenshots of the OMS Repair Duration form. The top screenshot is for an overhead fuse, showing a default repair duration of 240 minutes. The bottom screenshot is for a circuit breaker, showing a default repair duration of 120 minutes. Both forms include fields for Equipment Type, Equipment Description, and Default Repair Duration (Min), along with a Set Default button.

| Equipment Type | Equipment Description | Default Repair Duration (Min) |
|----------------|-----------------------|-------------------------------|
| FUSE_OH | OVERHEAD FUSE | 240 |
| BRKR | BREAKER | 120 |

Figure 8.2 – OMS Sample Repair Durations by Equipment Type for ETR Calculations

2) Dispatch Representatives

ETRs are entered and modified by dispatch personnel for non-mobile users. As Figure 8.3 shows, dispatch representatives can manually update ETRs when necessary.

Figure 8.3 – OMS PragmaCAD Job Order Detail Screen

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3) On-Site Technician

ETRs can be refined and updated by field personnel, upon arrival on the jobsite, to provide more accurate estimates based on the conditions observed. On-site conditions and the work to be performed may alter the ETR and can be entered via mobile laptops, as seen in Figure 8.4.

The screenshot shows a mobile application interface for job order details. At the top, it displays 'Job Number: ESD-20140923-0097' and 'DISPATCHED 09/23/2014 10:43:05'. Below this, there are several input fields and dropdown menus. Two red boxes highlight specific areas: one around the 'ETR / Due Date' field showing '09/23/2014' and '11:45:00', and another around the 'Outage Category', 'Failure Code', and 'Cause Code' dropdowns. The interface also includes fields for 'Job Type - Description', 'Job Type', 'Priority', 'Lead Crew', and 'Referral Group'. At the bottom, there are navigation buttons: 'Previous', 'Next', 'F/List', 'Field Rpt', 'File Attac...', 'Save', 'EARTH20...', 'ASSIGNLL', and 'Suspend'. A status bar at the very bottom indicates 'PROAD IS IN COVERAGE'.

Figure 8.4 – Mobile User Job Order Detail for Updating ETR and Outage Cause (if known)

8.4.2 Condition II “Blue” ETR Strategies

These strategies employ the same tactics as Condition I “White,” but include additional actions due to the higher level of outages experienced under Condition II “Blue” scenarios.

1) Damage Assessments

During a Condition II “Blue” outage, damage assessments will begin immediately, once conditions are safe. This on-site information collected will ultimately provide our Operations management and Dispatch personnel a better understanding of the conditions on the ground, and will serve as the basis for ETR modifications, based on outage and manpower levels. Damage assessments play a key role in projected restoration times and the issuance of more accurate ETRs.

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2) Outage Management System (OMS) – Weather Multipliers

OMS supports the concept of a Weather Multiplier within its dispatching and ETR protocols. The Weather Multiplier function allows PSEG Long Island to manipulate the original ETR calculations, based on the weather projected/experienced and crew availability. For example, lightning, rain, and winds will slow down restoration efforts, due to the safety concerns of our field personnel. A sudden influx of outage jobs may also delay restoration efforts, given the immediate demand for a given set of restoration resources (i.e., repair crews).

In turn, a Weather Multiplier may be utilized on all jobs while the weather conditions persist, as seen in Figure 8.5. Ultimately, the Weather Multiplier will extend all specified computer-generated ETRs (by specified Call Type configurable by OMS Administrator – Default is Outage and Emergency), based on the anticipated/experienced conditions and can be further adjusted, up or down, if conditions dictate. The Weather Multiplier can be applied at the Global or Regional level, which assists PSEG Long Island with issuing more accurate ETRs.

Figure 8.5 – OMS Weather Multiplier for 2.5X Factor for Rain, Wind, Lightning

3) Console and Division Management Interaction

Operations management personnel will make recommendations based on the conditions seen within their consoles and/or divisions. Management will work with Dispatch personnel to adjust projected ETR values, based on further damage assessments, the anticipated work plans, and manpower levels available.

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8.4.3 Condition III “Red” ETR Strategies

These strategies employ the same tactics as Condition II “Blue,” but include additional actions due to the severe level of outages experienced in Condition III “Red” scenarios.

1) Crewing and Manpower

Availability of crews and equipment and the timing of their arrival play a significant role in outage management and corresponding ETRs. Adding additional resources dramatically assists with reducing the more significant workload, and forms the basis for more accurate, consistent, and timely ETRs.

2) Damage Assessments

Damage assessments play a pivotal role in ETR accuracy and associated company work plans. Damage assessments will increase exponentially, as conditions worsen during outage scenarios. A top-down approach will ultimately ensue, and will form the basis for ETR administration going forward.

Survey teams are utilized and deployed during Condition III “Red” outages. These teams assess damage with the goal of providing valuable information to expedite the anticipated work plans and provide for more accurate ETR administration.

3) ETR / Storm Work Plan Coordinators

ETR and Storm Work Plan Coordinators play a vital role during large-scale restoration efforts. These coordinators act as intermediaries between the Division Managers, Console Information Coordinators (CICs), and the Remote Dispatch Center personnel. The ETR Coordinator will assist with the development of more refined ETR calculations, based on the information available to them. These ETRs are based on the multi-day (1-3 day) storm work plan, which is prepared by the Storm Work Plan Coordinator function of the MACs working in conjunction with above mentioned personnel.

4) OMS – ETR Override (Storm ETR)

OMS allows for Dispatch Management personnel to override the ETRs generated by the system. Conditions may be so severe that ETR estimates may need to be revised until a better understanding of the damage has been determined. These overrides can be applied on a Global (System) or Division level, which will assist with more accurate ETRs based on the segregation of hardest hit areas, as seen in Figure 8.6.

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Storm Details

Division Information
Storm ID: Storm Status: N/A
Request Storm Id: ☐ Yes ☐ No
Req. Storm Id:

Storm Information
Weather: 20 2.0K HIGH WINDS
W. O. #: Work Request #:
Maj. Dtg. Type: C-GRAY SKY (MINOR STORM)
Event Name: 2014-0010
Date/Time:
Opening: 8/24/2014 08:00:00
ETR: 8/24/2014 23:30:00
Closing:
☐ Exclude from Statistics
Update Cancel

| Status | Description | Code |
|-------------------------------------|-----------------|------|
| <input checked="" type="checkbox"/> | 1 Queens - ... | 1 |
| <input checked="" type="checkbox"/> | 2 Central - ... | 2 |
| <input checked="" type="checkbox"/> | 3 Western - ... | 3 |
| <input checked="" type="checkbox"/> | 4 Eastern - ... | 4 |

Storm ETR Date/Time can be provided for Entire System or any combination of Divisions.

This Storm ETR overrides all previously generated ETRs going back to Storm Opening Date/Time.

Figure 8.6 – OMS Storm ETR Dialog

5) Storm Website/Kubra (Storm Center – Outage Map)

Due to the size of the storm and the corresponding outages, PSEG Long Island's Command Staff may elect to disable automatic ETR updates during the initial days of a Condition III "Red" outage. ETR and outage information is then entered manually, based on anticipated work plans and restoration goals. ETR updates are then inputted for larger geographic areas, such as townships, consoles, or municipalities, based on planned restoration activities. This alignment between ETRs and work plans allows PSEG Long Island to produce more accurate ETRs, as restoration is completed from locality to locality.

Figures 8.7 through 8.9 show examples of modifications made to the Kubra Outage Map due to a large-scale outage.

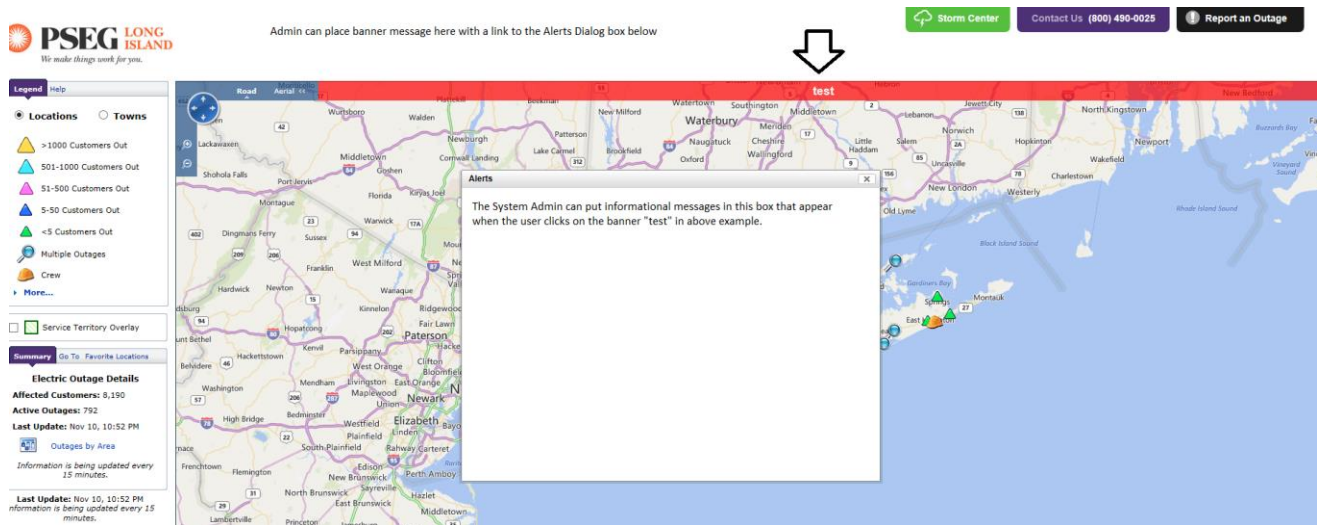


Figure 8.7 – Kubra Map with System-wide Alerts

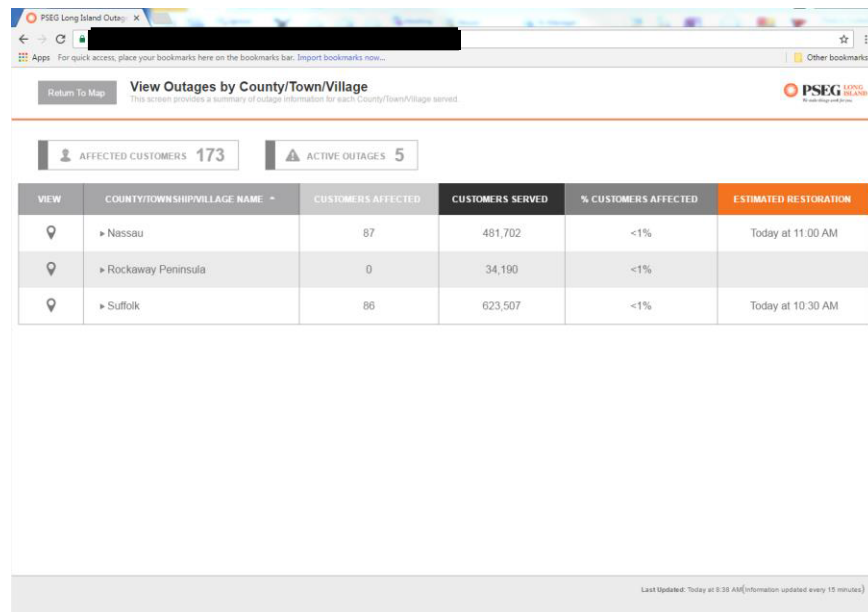


Figure 8.8 – Kubra Map with Customer Outages

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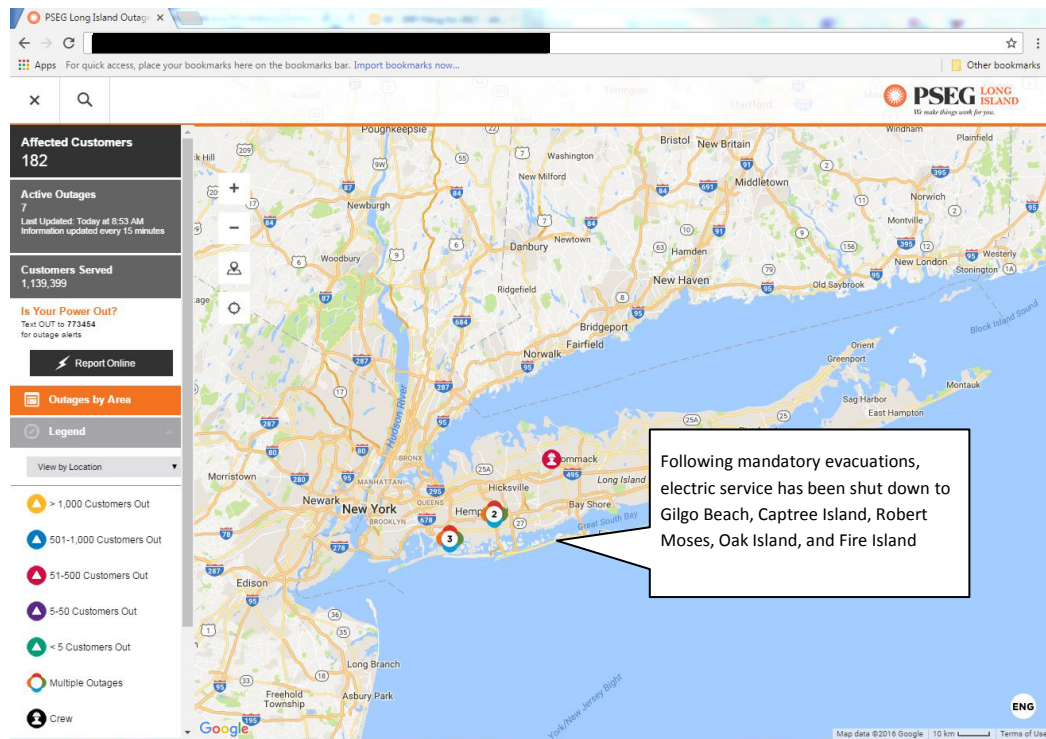


Figure 8.9 – Kubra Map with System-wide Notifications

6) Load and Lock Out Reporting

Load and Lock Out reports are also reviewed and analyzed by Operations Management personnel during large-scale outage events. These reports provide vital information on current work load conditions and serve as the basis for future restoration work plans. Senior Management may make ETR adjustments, based on the overall damage conditions experienced and anticipated work plans. ETR adjustments will be refined as conditions are assessed and information becomes available. Load and Lock Out reports assist with operational efficiency and, ultimately, the determination of corresponding ETRs.

8.5 New York State (NYS) Department of Public Service (DPS) ETR Guidelines

PSEG Long Island works to continuously refine and communicate ETRs, as additional information becomes available throughout the restoration process. At a minimum, ETRs will be provided in accordance with DPS Case 13-E-0140, Estimated Time of Restoration Protocols (see Appendix H).

DPS protocols set expectations of when information will be available and/or provided in response to storms or storm-like electric emergencies when either criteria is met:

- More than 5,000 customers are interrupted for more than thirty minutes, within a division
- More than 20,000 customers are interrupted for more than thirty minutes, companywide
- ETRs provided should be applicable to at least 90% of the affected customers in the reported level (Global, Regional, and Local)

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Figures 8.10 and 8.11 clarify the necessary actions to be taken by PSEG Long Island within the outage period for the specific event.

| ACTIONS REQUIRED BY UTILITY FOR OUTAGE LASTING ≤ 48 HOURS | |
|--|--|
| <i>Within the first 6 hours of the restoration period</i> | |
| <ul style="list-style-type: none"> • Notify DPS staff of expectation that the event will last less than 48 hours. The notification to DPS staff will state what the Company has defined as the start of the restoration period. For events expected to last less than 24 hours, notification may be via Electric Information Reporting System (EIRS). • Provide available information to the public via customer representatives, IVR systems, and websites. • In certain situations (e.g., nighttime event), only limited information may be available within the initial six hour window. In these situations, the expectation is that the companies will inform staff of the delay in determining the initial outage duration within six hours and the notification will occur in an expedited manner as information becomes known. Following a nighttime storm, the determination of whether the restoration period will be 48 hours (or less) will be communicated as soon as possible, but no later than noon the following day. Any delay in establishing the initial storm expectations will <u>not</u> affect the time requirements below. | |
| <i>Within the first 12 hours of the restoration period</i> | |
| <ul style="list-style-type: none"> • Provide DPS staff with a global ETR and any available regional ETRs. • Prepare a statement for the press that includes known ETRs in time for the next upcoming news cycle and communicate with affected municipal and governmental officials (may or may not be by way of a municipal conference call). | |
| <i>Within the first 18 hours of the restoration period</i> | |
| <ul style="list-style-type: none"> • Establish ETRs for each locality affected and make them available to the public via customer representatives, IVR systems, and websites. | |
| <i>Within the first 24 hours of the restoration period</i> | |
| <ul style="list-style-type: none"> • Consider issuing a press release in time for the upcoming news cycle based on conditions. | |
| <i>Reporting requirements during the event</i> | |
| <ul style="list-style-type: none"> • Provide restoration information updates four times daily to DPS staff (7AM, 11AM, 3PM, and 7PM) if notified by staff. Updates should continue until otherwise directed by staff. • Notify DPS staff when all storm related interruptions have been restored. | |

Figure 8.10 – DPS Guidelines for an Event Expected to Last 48 Hours or Less*

* Although the scorecard refers to events where outages last more than three days, utilities are required to comply with the ETR protocols for events lasting less than 48 hours.

This document shall be revised every **1** year or incrementally as significant changes occur.

| ACTIONS REQUIRED BY UTILITY FOR OUTAGE LASTING > 48 HOURS | |
|---|--|
| <i>Within the first 6 hours of the restoration period</i> | |
| <ul style="list-style-type: none"> The utility shall indicate that it will be a multi-day event (i.e., greater than 48 hours). Notification shall be made to DPS staff and will state what the company has defined as the start of the restoration period. Provide a public statement indicating the likelihood of extended outages and make this information available via customer representatives, IVR systems, and websites. In certain situations (e.g., nighttime event), only limited information may be available within the initial six hour window. In these situations, the expectation is that the companies will inform DPS staff of the delay in determining the initial outage duration within six hours and the notification will occur in an expedited manner as information becomes known. Following a nighttime storm, the determination of whether the restoration period will be greater than 48 hours will be communicated as soon as possible, but no later than noon the following day. Any delay in establishing the initial storm expectations will <u>not</u> affect the time requirements below. | |
| <i>Within the first 12 hours of the restoration period</i> | |
| <ul style="list-style-type: none"> Prepare a press release for issuance in time for the next upcoming news cycle and communicate with affected municipal and governmental officials (may or may not be by way of a municipal conference call). | |
| <i>Within the first 18 hours of the restoration period</i> | |
| <ul style="list-style-type: none"> Schedule municipal conference call(s), unless an alternative municipal contact method is more appropriate. The first scheduled municipal conference call does not necessarily have to occur within the first 18 hours, but shall take place within the first 36 hours. | |
| <i>Within the first 24 hours of the restoration period</i> | |
| <ul style="list-style-type: none"> Notify DPS staff of what areas sustained the most damage to the electric system and ETRs, where known, on a general geographic basis. Issue a press release(s) in time for upcoming news cycles with the information described in previous bullet. | |

Figure 8.11 – DPS Guidelines for an Event Expected to Last More Than 48 Hours

This document shall be revised every **1** year or incrementally as significant changes occur.

| ACTIONS REQUIRED BY UTILITY FOR OUTAGE LASTING > 48 HOURS | |
|---|--|
| <i>Within the first 36 hours of the restoration period</i> | |
| <ul style="list-style-type: none"> • For storms with expected restoration periods five days or less, provide DPS staff a global ETR. • Establish regional/county ETRs for areas expected to be restored in five days, even if the restoration period for the total company is expected to be more than five days. • Identify any heavily damaged areas where large numbers of customers are expected to remain without service for more than five days. • Completion of the first scheduled municipal conference call. • Make ETR information available to the public via customer representatives, IVR systems, and websites. | |
| <i>Within the first 48 hours of the restoration period</i> | |
| <ul style="list-style-type: none"> • For storms with expected restoration periods five days or less, provide DPS staff with ETRs by municipality. • Provide DPS staff with a global ETR (as stated above, when outages are expected to less than five days, this is required within 36 hours). • Provide regional/county ETRs for heavily damaged areas where large numbers of customers are expected to remain without service for five or more days. • Make ETR information available to the public via customer representatives, IVR systems, and websites. | |
| <i>Beyond the first 48 hours of the restoration period</i> | |
| <ul style="list-style-type: none"> • For storms with expected restoration periods more than five days, provide estimated restoration times for each locality affected and make the information available via customer representatives, IVR systems, and websites. | |
| <i>Reporting requirements during the event</i> | |
| <ul style="list-style-type: none"> • Provide restoration information updates four times daily to DPS staff (7AM, 11AM, 3PM, and 7PM), which shall continue until otherwise directed by staff. • Notify DPS staff when all storm related interruptions have been restored. | |

Figure 8.11 (continued) – DPS Guidelines for an Event Expected to Last More Than 48 Hours

9. SAFETY, HEALTH, AND ENVIRONMENTAL (SHE) PROTOCOLS

9.1 Overview

The safety of employees, contractors, emergency responders, and the public is of the utmost importance to PSEG Long Island, each and every day. Large-scale outage events and emergencies, however, further heighten the company's focus on safety. This is driven by increased personnel levels supporting restoration efforts in sometimes non-traditional roles, unique and hazardous working conditions, public exposure to hazardous conditions (i.e., downed wires, storm debris, oil spills, etc.), and mutual assistance resources unfamiliar with PSEG Long Island's service territory.

During major events, PSEG Long Island's Compliance Manager – Utility Health and Safety is assigned to serve as the SHE Officer and reports directly to the Incident Commander during emergency activations. The company's safety response includes a multitude of safety professionals and safety advocates with varying roles. PSEG Long Island's SHE Unit is broken up into the three main areas of concentration:

- Safety
- Health
- Environmental

Each of these segment areas perform vital roles during restoration operations with specific preparatory and response actions. The details below highlight the actions taken by PSEG Long Island SHE personnel during restoration operations.

9.2 Safety

The safety of our employees is of the utmost importance during restoration operations. Our safety professionals are responsible for assessing, coordinating, and managing the various safety conditions faced by our company employees and support personnel upon activation of restoration operations. PSEG Long Island safety professionals aim to anticipate and identify potential problems, rather than simply react to existing ones. They utilize a variety of tools and initiatives to better prepare all employees and support personnel before, during, and immediately following an emergency activation.

This document shall be revised every **1** year or incrementally as significant changes occur.

PSEG Long Island's safety response initiatives include, but are not limited to, the following:

- Support and guidance
- Safety briefings and communications (internal)
- Safety communications before, during, and after a storm (external)
- Safety education, training, and exercises
- Personal Protective Equipment (PPE) distribution
- Pre-storm safety planning and equipment staging
- Site safety plan development
- Site surveys and evaluations
- Incident reporting and tracking
- Assessments of hazardous and unsafe conditions
- Monitoring and enforcement
- Investigation and management of accidents
- Support local, state, and federal agencies regarding safety incidents

These important initiatives assist in ensuring safe work practices are being conducted at all PSEG Long Island work locations, including operations centers, staging areas, crew housing facilities, fueling locations, and Foreign Crew reception site. Additional safety resources may be assigned to work locations throughout the duration of the storm restoration process, depending on the scale and severity of the event.

The communication of safety initiatives and messaging is an important aspect of restoration activities. Safety communications begin pre-event, and continue throughout the response and recovery phases of the emergency. Safety communications include companywide initiatives, restoration focused plans, and/or daily briefings. Safety related communications are also modified to address any specific concerns that may arise, including event developments, incident trends, and public safety concerns.

This document shall be revised every 1 year or incrementally as significant changes occur.

Foreign Crews working with PSEG Long Island during restoration operations receive additional safety information, due to their unfamiliarity with the company, its systems, equipment, and landscape. All Foreign Crew supervision receive safety briefings delivered by PSEG Long Island Safety Coordinators, upon arrival to the territory. Additionally, all Foreign Crew personnel are provided a safety briefing before leaving the staging area and upon re-entry, as warranted.

All incidents, including accidents, near misses, and personnel injuries to the public, employees, contractors, and foreign restoration crews are reported, investigated, and tracked. All incidents are addressed, in accordance with the appropriate PSEG Long Island safety procedures, as well as state and federal guidelines. Incident summaries are reported to PSEG Long Island's senior leadership team during regular briefings and are communicated across the restoration organization through daily safety messages.

PSEG Long Island safety professionals, along with Contractor and Foreign Crew safety personnel, participate in daily status calls and/or planning meetings throughout restoration operations, as appropriate. Additional safety protocols and work practices pertaining to mutual assistance crews can be found in Appendix G, Section 3.

9.3 Health

The Occupational Health Coordinator is responsible for the development and implementation of recommended measures assuring employee health, as well as to assess and/or anticipate hazardous and unhealthy conditions to PSEG Long Island employees and support personnel. They are the primary point of contact for local, state, and federal agency matters related to health concerns and conditions.

The Occupational Health Unit provides medical services for locations used for housing, feeding, or staging of large numbers of crews, as required. Additionally, all staging sites and lodging sites are equipped with fire extinguishers and first aid and eyewash kits.

The Occupational Health Coordinator investigates, documents, and addresses any reported health concern with the appropriate party and/or agency. Health related issues are also reviewed and discussed daily, as applicable, during storm update calls.

This document shall be revised every **1** year or incrementally as significant changes occur.

9.4 Environmental

The Environmental Response Coordinator is responsible for the coordination and oversight of environmental operations for all PSEG Long Island personnel and support staff, along with company facilities and planned work locations. They are the primary point of contact for local, state, and federal agency matters relating to environmental issues and ensure compliance with mandated regulations.

PSEG Long Island takes a proactive approach regarding environmental safety by communicating with environmental contractors and vendors, pre-storm, to ensure availability with anticipated restoration activities. Environmental site plans and services (i.e., spill response, clean-up, material handling, waste disposal, etc.) are pre-established and storm kits are distributed, pre-storm, to all staging sites in the event an incident occurs.

The Environmental Response Coordinator and staff will investigate, document, and address any reported environmental incident or potential occurrence with the appropriate party and/or agency. Environmental related issues are also reviewed and discussed daily, if applicable, during storm update calls.

This document shall be revised every 1 year or incrementally as significant changes occur.

10. LEGAL PROTOCOLS

10.1 Overall Approach and General Strategies

The primary function of the Legal Section is to provide legal guidance and support to the Incident Commander and staff, as well as ensuring all plans, policies, procedures and directives are consistent with Federal, State, and Local law. The Legal Section assists with compliance agreements and protocols, including mutual assistance arrangements with Edison Electric Institute (EEI) partner utilities and external agencies. The Legal Section also coordinates emergency legal requests with Federal, State, and Local officials and works closely with the Documentation Unit of the Planning Section to ensure all records are maintained in accordance with all applicable laws and regulations. Finally, the Legal Officer advises on, and ensures compliance with, 16 NYCRR Rules and Regulations of the PSC.

10.2 Emergency Orders and/or Actions

The Legal Section oversees emergency orders and/or actions pertaining to PSEG Long Island protocols utilized during restoration operations. The Legal Section may also issue emergency briefs in support of planned restoration actions.

10.2.1 Coordination

The Legal Section oversees all legal matters as they pertain to Federal, State, and Local laws and regulations. The Legal Section reviews and advises the Incident Commander and staff on the potential legal implications of proposed restoration plans.

The Legal Section also serves as the coordinating unit between Federal, State, and Local authorities, including NYS DPS and Public Service entities. The Legal Section assists with coordinating restoration plans where Federal, State, and Local laws and regulations may delay restoration plans. For example, the Legal Section may assist with NYS mandated travel restrictions during storm events, potential road closures and/or emergency requests.

10.2.2 Documentation Retention

In conjunction with the Planning Section personnel, the Legal Section oversees the documentation processes utilized during restoration operations to ensure record keeping compliance in accordance with Federal, State, and Local rules and regulations.

This document shall be revised every 1 year or incrementally as significant changes occur.

11. LIAISON PROTOCOLS

11.1 Overall Approach and General Strategies

11.1.1 Elected Officials and Municipalities

The External Affairs team maintains close relationships with elected officials, municipal leaders, and public safety officials throughout the year, as a means to familiarize them with PSEG Long Island restoration protocols to better prepare them for interacting with PSEG Long Island during storms and other emergencies. When storms or other threats are approaching the Long Island and the Rockaways' Service Territory, the External Affairs team and support staff proactively reach out to public officials at all levels by phone, e-mail, text, and the NY Alert system. They coordinate group conference calls to convey key information and make arrangements to provide on-site support, remote support, and two-way communications before, during, and after the event.

The External Affairs team accepts inbound notifications and inquiries from public officials and their support staff and provides outbound updates that allow the officials to provide valuable and important information to their local communities and constituents.

11.2 External Affairs

The Liaison Officer is responsible for communicating the status of PSEG Long Island's storm preparation and/or emergency response efforts with external government, public service, and public safety stakeholders. In addition, the Liaison Officer coordinates the efforts of the District Managers and the EOC and Municipal Liaisons to meet the dynamic and evolving needs of elected officials and municipal leaders across the service territory.

The Municipal Outreach objectives are as follows:

- Communicating and coordinating with municipal and government officials through regular pre- and post-event conference calls and/or personal calls
- Ensuring that municipalities have relevant emergency preparedness and recovery information
- Providing information related to storm anticipatory actions, as well as system storm damage and assessment progress, restoration status updates, manpower assignments, and ETRs
- Coordinating issues escalated by municipal officials or elected leaders
- Sending liaisons to the state, county, town, and village EOC, when requested by the municipality, to provide a means of open communication to resolve concerns

This document shall be revised every 1 year or incrementally as significant changes occur.

11.3 District Managers

Elected officials and municipal leaders are instrumental in communicating local damage conditions sustained in severe storms or emergency events and identifying priorities for recovery and restoration efforts. PSEG Long Island recognizes the vital role of the electric utility when working with the elected officials, municipal leaders and staff, and their constituencies, both before, during, and after an event.

PSEG Long Island's District Managers are a key interface between PSEG Long Island personnel, local officials, municipal leaders, and their staffs during restoration operations. District Managers are assigned to each of PSEG Long Island's operating divisions and serve as the main point of contact during both "blue sky" and restoration events. Performing the same assignment during all operational conditions provides a consistent and dedicated point of contact for local officials and their personnel. District Managers also plan for and help coordinate the delivery of utility support to public works and highway departments preceding a storm. PSEG Long Island coordinates with local officials to address needs to make areas safe for tree and debris removal through our MSTC protocols and procedures in coordination with the System Make Safe to Clear Specialist. District Managers coordinate the two-way communications between PSEG Long Island and elected officials and municipal leaders to ensure the delivery of accurate and timely messages, reports, and updates.

District Managers also work with EOC and Municipal Liaisons, the Escalations Managers, and CICs in each division to provide status updates on outstanding work and to convey information and prioritize the restoration of escalated outage jobs. Information regarding escalation prioritization is covered in Section 12.9.

11.4 Liaisons

11.4.1 Municipal Liaisons

To support the District Managers and foster direct localized communication, PSEG Long Island deploys a team of Municipal Liaisons. They work with local government across the island to provide access and support for municipal leaders during major emergency events. This includes direct phone contact to the Liaison or a presence at local EOCs at the town and village level (if opened and staffing is requested by the municipality).

This document shall be revised every 1 year or incrementally as significant changes occur.

The Municipal Liaison is responsible for establishing and maintaining contact with elected officials throughout an emergency event. The Liaison provides timely and accurate status updates, facilitates coordination of issues with the appropriate internal departments on behalf of the municipality, raises awareness to escalated issues, communicates with internal employees, and supports various other responsibilities.

The Municipal Liaison is responsible for:

- Communicating with local officials on behalf of PSEG Long Island
 - Answering e-mails/phone calls and addressing escalated issues from elected officials and/or District Manager
 - Verifying storm assignment location with Liaison Officer and District Manager (i.e., EOCs, normal work location, and/or division)
- Entering escalated outage/road debris jobs in the OMS that are not already entered through the Municipal Portal
- Monitoring Municipal Portal and updating Storm Escalation Tracker for assigned jurisdiction
 - Entering escalated outage/MSTC jobs in the Escalation Tracker that are not already entered through the Portal if necessary
 - Updating status of jobs entered in the Escalation Tracker in coordination with the CIC
 - Monitoring prioritized jobs in Municipal Portal in cooperation with CICs and Escalation team

11.4.2 Emergency Operations Center (EOC) Liaisons

Depending upon the severity of an event and the needs of the various municipalities across the service territory, EOC Liaisons may stay in contact remotely with the EOC or may be deployed directly to county, city, and/or state EOCs (when opened and staffing is requested by the municipality). The EOC Liaisons work with municipal officials to provide support and local access to outage information, crew assignments, restoration prioritization, and ETRs for each locality. See Appendix F for additional information on EOC and municipalities served.

The EOC Liaison acts as the interface between county, city, or state EOCs and PSEG Long Island personnel providing two-way communications of status updates and situational awareness. EOC Liaisons coordinate all PSEG Long Island requests for assistance, resources, and/or actions with the appropriate agency liaison assigned to the EOC (i.e., NYS Division of Homeland Security & Emergency Services (DHSES), NYS Department of Transportation (DOT), County and State Police Departments, Department of Public Works (DPW), and Fire Rescue Emergency Services Organizations).

This document shall be revised every **1** year or incrementally as significant changes occur.

EOC Liaisons are responsible for requesting and coordinating responses related to the following issues and any other unique requests:

- Escalation of downed wires
- Escalation of critical facilities or LSE customer emergencies
- Coordination of LSE well visits between PSEG Long Island and first responders/health care organizations and status reporting back to the LSE team
- Road debris clearance support to make areas safe for DPW or Highway Crews
- Support for first responders to make areas safe or to de-energize areas due to flooding or other circumstances

11.5 Coordination with Elected Officials and Municipalities

The External Affairs team maintains a complete list of key contacts and alternate contacts for all elected officials for local, county, and state authorities across the service territory. In addition, the External Affairs team maintains a list of key contacts for Human Services Agencies with which PSEG Long Island maintains and fosters relationships throughout the year. The elected officials and Human Services Agency lists are utilized throughout the year by the External Affairs team for day-to-day interactions with these stakeholders. Semi-annually, the contact lists are reviewed and updated internally by the External Affairs District Managers and then again in coordination with local Municipal Officials. Full lists are included in Appendix F – Key Contacts.

In partnership with the External Affairs District Managers, Municipal Liaisons and EOC Liaisons are deployed as another resource for government officials to contact during an emergency event. The goal is to nurture strong working relationships, provide consistent communication channels, and to establish a clear understanding of local needs and priorities during an emergency event.

This document shall be revised every 1 year or incrementally as significant changes occur.

11.6 Municipal Calls

During storm events, Municipal Conference Calls are held with municipal leaders, elected officials, and their emergency and/or operation leads once a day, at a minimum, to provide appropriate information related to incidents that impact the electric system within the PSEG Long Island service territory. This may include updates on damage sustained, hard hit areas, key actions and priorities, next steps in the restoration process, outage summaries, and outages affecting Critical Facilities or Critical Infrastructure. Municipal Calls also serve as a mechanism to advise local leaders of additional actions taken by PSEG Long Island, in support of restoration events, including the opening of Community Outreach Centers and/or dry ice distribution plans.

The focus is on providing information to assist and prepare elected officials to interact with constituents, by providing ever-increasing levels of geographically specific information. Participants are notified of the calls through the New York Alert system and participant lists are updated semi-annually throughout the year.

In addition, District Managers and Municipal Liaisons reach out across other channels (e-mail, phone, and text), based on preferences expressed by municipal leaders and elected officials.

Municipal Update Calls focus on, but are not limited to the following objectives:

- Prior to an event, ensuring that municipalities have relevant emergency preparedness information related to storm anticipatory actions
- Communicating key localized and area-wide outage information and coordinating with affected municipal and government participants
- During and following an event, ensuring that municipal leaders and elected officials have relevant recovery information to educate their constituents and respond to their inquiries
- Providing information on system storm damage and assessment progress, restoration status updates, manpower assignments, and ETRs at global and localized levels
- Providing information surrounding the activation of Community Outreach Centers, if applicable
- Providing information on the plan(s) for distribution of dry ice and/or bottled water, if applicable

This document shall be revised every **1** year or incrementally as significant changes occur.

During the advanced planning period before an event, conference calls will include government officials from across the service area (Rockaways, Nassau, and Suffolk). As the event or storm occurs and passes, localized damages are surveyed and identified. At that stage, conference calls are migrated away from a centralized call across Long Island to four separate divisionally based calls (Queens/Nassau, Central Nassau, Western Suffolk, and Eastern Suffolk) to provide more focused and meaningful local updates to officials. These calls are co-hosted by the District Manager from each division and the corresponding Distribution Operations Manager, in order to be able to address both politically sensitive and operational issues.

11.7 Escalation Processing and the Municipalities

The District Managers and Liaisons assist municipalities in tracking outages affecting Critical Facilities in their area, as well as MSTC conditions blocking municipal roads that require the utility to clear the area and make it safe for the towns to remove debris. They also coordinate with the Escalation Processing team to track outage and emergency incidents, provide restoration status updates, and escalate certain incidents, when deemed necessary.

The Municipal Portal was created as a tool to track and provide restoration status information to governmental leaders and elected officials during PSEG Long Island's restoration events, allowing municipalities to directly input tickets into the Portal online, and at the same time, create a ticket in the OMS. Additional information regarding Municipal Portal protocols can be found in Section 12.7.

The Escalation Tracker, if needed, is an additional tool used internally to assist in tracking MSTC and escalated outages. Additional information regarding Escalation Tracker protocols can be found in Section 12.8

12. COMMUNICATIONS PROTOCOLS

12.1 Overall Approach and General Strategies

The Communications Protocols section provides a summary of communications related plans and actions that are put in place when responding to storm events with dynamic, and often unpredictable circumstances and situations. Other events may also negatively affect electric service to customers, across Long Island and the Rockaways, before or during restoration events.

In recent years, customer expectations have continued to evolve with respect to accessibility to information regarding storm response and associated restoration activities. In addition, customers have provided feedback regarding the mediums through which they desire to communicate and receive information. It has become increasingly important that thorough and comprehensive communications protocols be in place to meet the expectations of customers, elected officials, regulators, employees, local emergency response organizations, and other key stakeholder groups.

PSEG Long Island's Communications Plan ensures that its customers and key stakeholders receive storm preparation and restoration information necessary to properly prepare for anticipated storms. It also conveys information associated with local emergency response efforts utilized when recovering from emergencies.

Numerous communication vehicles are deployed across various channels, in advance of, and during storm events and other system emergencies, as a means to provide timely, accurate, and relevant information.

In addition, PSEG Long Island utilizes vehicles such as bill inserts, the website, periodic mailings, e-mail, and community outreach programs to educate and better prepare customers and key stakeholders for potential power outages, area flooding, and evacuation throughout the year, as a means of providing critical ongoing education and information.

Prior to a forecasted event, PSEG Long Island conducts communication outreach to stakeholders such as municipal leaders, emergency planning and first responder organizations, residential and commercial customers, local media, news agencies, and the general public.

This document shall be revised every 1 year or incrementally as significant changes occur.

With input from the Operations team, the PIO and Communications team consider the expected impacts of an approaching storm and tailor outbound messages based on the types and degree of damage that may occur. The members of the team utilize many communication channels to encourage stakeholders to prepare for the storm, mitigate and respond to the impacts of power outages, and return to normal conditions as quickly and safely as possible.

During a storm, the Communications team actively monitors storm conditions, potential and actual damage, road closures, and evacuation orders. They manage and track outages that directly affect LSE customers, Critical Facilities, and Managed Accounts. Assigned teams reach out to affected LSE customers to confirm their safety and restoration status. They develop and share information on damage assessments and set expectations relative to predicted outage durations and restoration times.

Following a storm or emergency event that causes extended power outages, it is important that consistent and useful information be provided as widely and quickly as possible to allow customers to make informed decisions. Current protocols ensure that consistent, accurate, and timely information is shared across a broad range of platforms and communication channels, including press releases, e-mails, text messages, phone calls, and/or on social media and the company website to ensure communications are accessible to all customers.

The Communications team also maintains contact with customers and the general public, health and human service agencies, the media, the DPS, the State Emergency Management Office, and other state agencies, county and local governments, public and private emergency response services, law enforcement agencies, and the Long Island Power Authority (LIPA) officials.

12.2 Plan Methodology and Activation Descriptions

In the event of a large-scale electric service interruption, the Communications Protocols offer key activity and role level details to be followed throughout Long Island and the Rockaways' service territory. To be effective, it is vital that all elements of the plan be thoroughly understood by participating employees. This is accomplished through continuous training and regularly scheduled review sessions, and is validated via scenario-based drills and exercises.

This document shall be revised every **1** year or incrementally as significant changes occur.

The Communications outreach effort is scalable and customizable, based on conditions experienced. During outage events, the Communications team continuously evaluates the status of weather, the electric grid system, outages and downed wires, blocked or restricted roadways, public feedback and other useful data that will be valuable to employees, the public, municipal leaders, elected officials, public service, and emergency response teams. Efforts are focused on ensuring access to the most up-to-date and complete information available, with a key goal of being consistent in messaging and information provided.

12.2.1 Communications Team Planning and Coordination

With the guidance of, and in coordination with the Incident Commander, the PIO convenes a meeting of the Communications team leaders to brief them on the current situation and potential threats to the system. The team establishes a strategy for handling the current situation and forecasted risks of damage. Assignments are made and documented on a Storm Communications Matrix, which is updated, revised, and augmented as an event progresses, from the early warning stages through full customer restoration. All storm assignments are generated by the Resource Coordination Unit Leader (Planning Section), and any position changes during a storm are filtered through this position as well.

The communication planning process is repeated and revised, at least daily (if not more often), beginning up to 96 hours ahead of an approaching storm, and throughout the event, in order to provide prompt, consistent, and useful updates and information to all constituencies across all channels previously noted. Figure 12.1 shows an example of a typical Pre-Storm Communications Planning Matrix.

| COMMUNICATION CHANNEL | MEDIUM | MESSAGE OWNER | MESSAGE/NOTES/ETC. |
|---|--|--|--|
| MEDIA / PRESS | | | |
| Media e-mail (aka e-Blast) | e-Blast to targeted media Posted on PSEGLINY.com | Asst. Public Information Officer for Corp. Comms | Preparedness |
| Press Release | Posted on PSEGLINY.com Issued through PR News | Asst. Public Information Officer for Corp. Comms | Preparedness. Just e-mail. |
| Media Relations Outreach | Teleconference and/or In-person Interview | Asst. Public Information Officer for Corp. Comms | Upon Request |
| SOCIAL MEDIA | | | |
| Twitter - @PSEGLI | Twitter - @PSEGLI | Asst. Public Information Officer for Corp. Comms | 7PM today preparedness video 8AM tomorrow restoration video |
| Facebook facebook.com/psegli | Facebook.com/PSEGLI | Asst. Public Information Officer for Corp. Comms | 7PM today preparedness video 8AM tomorrow restoration video |
| EMPLOYEE | | | |
| Outlook Online | Outlook Online – e-Blast to Employees | Asst. Public Information Officer for Corp. Comms | Sent 10:50AM |
| REGULATORY | | | |
| NYS DPS | e-mail Teleconference | Planning Section Chief/Situation Status Unit | Notification |
| LEGISLATIVE/MUNICIPAL | | | |
| NYS Office of Emergency Management (OEM) | Conversation with DPS | Planning Section Chief | Notification |
| County EOC | Conf. Call - Nassau & Suffolk | Planning Section Chief | Notification |
| NYC OEM | Conference Call - NYC | Planning Section Chief | Notification |
| District Manager/Liaison Calls to Government Officials | Personal/Individual Call | Liaison Officer | Prepared to make calls, sent to District Managers |
| Island-wide Government Official Pre-Landfall Storm Call | Conference Call | Liaison Officer | Preparing for potential call |
| Regional Government Official Post-Landfall Storm Call | Conference Call | Liaison Officer | Preparing for potential call |
| Debris Removal - Municipalities | Teleconference | System Make Safe to Clear Specialist | Notification |

Figure 12.1 – Example of Pre-Storm Communications Planning Matrix

This document shall be revised every **1** year or incrementally as significant changes occur.

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| COMMUNICATION CHANNEL | MEDIUM | MESSAGE OWNER | MESSAGE/NOTES/ETC. |
|---|-------------------------|--|---|
| CUSTOMER | | | |
| IVR Storm Messaging | PSEG Long Island IVR | Director of Customer Assistance Center | Meet 4PM. Standby list. Workforce Management alerted. |
| LSE Customers | Outbound Dialer | Cust. Care and Community Outreach Coord. | Can prep Pre-Storm message for tomorrow |
| Managed Critical Facilities (Hospitals, Nursing Homes, Water Treatment Facilities, Water Pumping Stations, Communications, Government facilities, etc.) | Outbound e-mail | Large Cust. and Cust. Relations Coord. | Sending an e-mail message out tomorrow |
| Non Managed Critical Facilities - (Health Facilities, Assisted Living, Police and Fire Stations) | Outbound Dialer | Large Cust. and Cust. Relations Coord. | Outbound calls to non-managed accounts |
| Managed Accounts w/Dedicated Major Account Consultants | Outbound e-mail | Large Cust. and Cust. Relations Coord. | Sending an e-mail message out tomorrow |
| PSEG Long Island Customer e-mail | Automated e-mail Vendor | Large Cust. and Cust. Relations Coord. | Modified version of the Press Release |

Figure 12.1 (continued) – Example of Pre-Storm Communications Planning Matrix

12.3 Key Actions and Responsibilities

The PIO and Assistant PIO for Corporate Communications have the overall responsibility for coordinating all internal and external communications across the varied channels. The primary objective is to provide clear, timely, accurate, and consistent information to employees, customers, regulators, emergency response partners, and stakeholders, irrespective of the channel or platform for communication.

The PIO coordinates the activities of key areas with managers and coordinators assigned to handle the responsibilities of each critical function and sub-function.

This document shall be revised every 1 year or incrementally as significant changes occur.

12.4 Customer Care and Community Outreach

The Customer Care and Community Outreach Coordinator is responsible for assuring the effective communication with LSE customers, maintaining 24/7 coverage for the Municipal and Escalation Hotline, as well as planning for the needs of affected communities and opening Community Outreach Centers. More information on Community Outreach Centers and their utilization during restoration events is provided in Section 12.4.3.

12.4.1 Municipal Hotline

The Municipal Hotline team, led by the Customer Care and Community Outreach Coordinator, establishes and maintains a centralized point of contact for municipalities. This team of call agents is specialized in managing escalations and is available for immediate contact to ensure prompt logging of critical issues. The team collects and addresses escalations and appeals from municipal leaders, elected officials, state, county, and NYC OEM leadership, PSEG Long Island EOC and Municipal Liaisons, District Managers, Major Account Consultants, or other employees and executives who have received outage notifications or uniquely urgent requests. These requests involve high priority outages conveyed by government offices that involve critical facilities, critical infrastructure, and/or MSTC support.

Municipal Hotline Objectives:

- Maintaining 24/7 availability by phone for Municipal officials and internal staff
- Inputting issues into the Escalation Tracker and OMS
- Inputting issues into the Municipal Portal
- Providing updated status information of municipal escalated outages and MSTC tickets as requested via the hotline

Requests may come from any of the following:

- Government/Elected officials
- Municipal/Community leaders
- District Managers/Major Account Consultants
- EOC and Municipal Liaisons

This document shall be revised every **1** year or incrementally as significant changes occur.

The Municipal Hotline team utilizes the OMS/P-Call, Escalation Tracker, and Municipal Portal to input escalated jobs, and to follow-up with the original point of contact as requested. Municipalities have the ability to get direct updates, via email or text, with restoration status based on real time information in OMS through the Municipal Portal. More detailed information on the Municipal Portal is included in Section 12.7 and the Escalation Tracker in Section 12.8.

12.4.2 Life Support Equipment (LSE) Customers

Procedures are in place to reach out to LSE customers before, during, and after a large-scale storm or electric system emergency when extended outages are expected to last more than 48 hours. LSE customers are contacted, prior to an emergency, with messaging that informs them of the potential for extended outages due to an impending storm. This messaging encourages these customers to make necessary plans in anticipation of these potential extended power outages, when conditions may be life threatening or otherwise warranted.

The LSE team uses an outbound dialer to reach LSE customers for any pre-storm communications. The LSE Manager ensures that outbound calls are made to LSE customers, in advance of potential storms (upon the direction of the PIO), based on the predicted severity of the event. These calls will remind customers of the risk of electrical outages and offer tips and suggestions for preparing to “weather a storm” or to evacuate to a safe location, especially in cases where electricity is critical for the operation of personal health devices. Prior to a storm, the focus is on providing proactive, early warnings of potential, prolonged outages, so LSE customers can prepare in advance. This also helps to reaffirm that LSE status does not imply priority restoration after a storm.

Once the storm arrives, the team follows up on LSE customers that are affected by electric outages to confirm their safety. Personalized calls are made throughout the event to LSE customers that remain without power as a result of the storm. When a customer expresses a need for emergency assistance related to their health or safety, PSEG Long Island refers the customer to an appropriate emergency response agency. When PSEG Long Island EOC Liaisons are activated in the local municipal EOCs, they may be able to assist the LSE Team coordinate with first responders and health care agencies.

The processes, procedures, and reports described in this section are designed to comply with all requirements of 16 NYCRR Part 105.

This document shall be revised every **1** year or incrementally as significant changes occur.

PSEG Long Island assigns status codes to each account in its Customer Information System for residences and customers that have notified PSEG Long Island (provided doctor's note and completed forms) of one or more of the following conditions :

- LSE is in use (examples of qualified equipment provided below)
 - Apnea Monitor
 - Curraise Respirator
 - Positive Pressure Respirator
 - Suction Machine
 - IV Feeding Machine
 - Tank Type Respirator
 - Respirator/Ventilator
 - Hemodialysis Machine
 - Rocking Bed Respirator
 - Oxygen Concentrator
 - IV Medical Infusion Machine
 - Additional devices may qualify as life-support equipment if certified by a physician

LSE Objectives:

- Establishing and maintaining contact with LSE customers prior to, during, and after an event, to ensure that they are apprised of the most current restoration information
- Ensuring that automated outbound campaigns to contact LSE customers are scheduled and completed within 24 hours of the expected start of any forecasted large scale event
- Making contact with LSE customers affected by power outages as a result of a storm to confirm their status
- As per the DPS Emergency Response Performance Measures,
 - Ensuring that staffing, automation, and operating procedures are in effect to contact 80% of the LSE customers affected by outages, within 12 hours from the start of the event
 - Tracking whether 100% of the affected LSE customers were contacted or referred to an emergency service agency, within 24 hours
- Ensuring that at least one additional attempt is made within the same 12 hour period to contact any LSE and who was not contacted on the first attempt

This document shall be revised every **1** year or incrementally as significant changes occur.

- Ensuring that within 24 hours of the start of the event, LSE customers that have lost power must have been either
 - Directly contacted by speaking with an agent of the utility,
 - Visited by a PSEG Long Island Customer Outreach representative, or
 - Referred to an emergency services agency (e.g., police or fire department, county OEM or NYC EOC, other human services agency, etc.) for further direct contact attempts
 - In the case of the latter, an electronic file and/or hard copy of affected LSE customers will be provided to the emergency services agency for follow up. A PSEG Long Island EOC Liaison will coordinate with emergency service/human service agencies within an EOC to follow up, update, and coordinate status reports back to the LSE team.
 - The LSE team will track all contact/well visit results for all affected LSE customers to ensure contact is made through the completion of restoration and any emergency needs are resolved by emergency first responders or health services.

At a minimum, PSEG Long Island will reach out to LSE customers annually, in order to advise them of:

- The potential for power outages
- Options and actions for advanced preparation
- Emergency services available, along with appropriate contact information
- LSE enrollment and guidelines

LSE customer lists are identified in the CAS Customer Information System, based on coding on each account. The CAS system allows PSEG Long Island to maintain the most current and updated information possible throughout the year. On an annual basis, PSEG Long Island mails each LSE customer a qualifying form to verify eligibility. Once correspondence has been received, PSEG Long Island Customer Relations representatives review and update system records accordingly.

In advance of an approaching storm or other threat to the electric system, reports are generated which allow for outreach to LSE households. These reports ensure that PSEG Long Island uses the most current and accurate information available at the time of the event.

If a customer has its electric power interrupted, faces a life-threatening crisis, and is forced to remain in their homes, PSEG Long Island's advance notifications advise the customer to contact the local police and fire authorities, as soon as possible. To the greatest extent possible, such customers should make alternative housing arrangements or arrange for constant companionship, until the event is over, or the extent of localized damage is known.

This document shall be revised every 1 year or incrementally as significant changes occur.

Customers are reminded that designation as a LSE is not regarded or considered as a restoration priority, and service will be restored as quickly and safely as possible, following normal prioritization and safety guidelines.

In conjunction with Communications personnel, the Planning Section will generate the Critical Facilities Report through SAS, which includes all affected LSE customers without power, and provides individual account and street location for coded accounts. The LSE team can filter the report to focus on a specific geographic area for assigning well visits. The LSE customer outage report allows the team to quickly identify affected LSE customers, and to reach out to them quickly, during and after a storm. This report will be sent along with the EORS Report to DPS, four times a day.

When reports are generated (see Figure 12.2), the following fields are included in the output:

- Account
- Customer Name
- CAS Address
- CAS Premise
- CAS Town, State
- CAS Zip
- Customer Phone - Service Location Area Code
- Customer Phone - Service Location Phone
- Electric Rate Code
- Restoration Code (Critical Facility Code)
- Mail Address
- Mail Address - Misc.
- Mail Address - Town, State, ZIP
- Account Circuit
- Electric Meter ID
- Account Grid
- Customer Phone - Contact Area Code
- Customer Phone - Contact Phone

This document shall be revised every **1** year or incrementally as significant changes occur.

| Account | Customer Name | CAS Address | CAS Premise | CAS Town, State | CAS Zip | Customer Phone - Service Location Area Code | Customer Phone - Service Location Phone | Electric Rate Code | Restoration Code (Critical Facility Code) | Mail Address | Mail Address - Misc. | Mail Address - ZIP | Account Circuit | Electric Meter ID | Account Grid | Customer Phone - Contact Area Code | Customer Phone - Contact Phone |
|------------|---------------|-------------|-------------|-----------------|------------|---|---|--------------------|---|--------------|----------------------|--------------------|-----------------|-------------------|--------------|------------------------------------|--------------------------------|
| ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ |
| ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ |
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| ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ | ██████████ |

Figure 12.2 – Example of LSE Report Output

During an event, and in the recovery period following a storm or electric system emergency, the LSE team provides the following information to the LSE customers:

- If they have an emergency, to call 911
- If they have any further questions, they should call PSEG Long Island's Critical Facilities line at ██████████
- ETR, if available
- The goal is to restore power as quickly and safely as possible

In addition, the LSE team also confirms that the:

- Customer is safe
- Customer has arranged for any assistance required to stay in their homes
- Customer had to evacuate their home
- Account indicates that the customer or a member of their household rely on electrically-operated LSE
- Records show the customer's service may have been affected by the storm

Outbound calls to LSE customers begin once their account appears on the OMS Critical Facilities Report indicating there is a loss of power at their premises. PSEG Long Island will make a minimum of two attempts to reach LSE customers, within the first 12 hours after appearing on the report. If the initial attempts to reach the customer are unsuccessful, additional contact methods may be utilized.

Lists of customers where contact is not made are provided to the local EOCs (i.e., Nassau and Suffolk County and NYC) through our EOC Liaisons, when activated, requesting "Well Visits" to these customers targeted to be made by emergency responders and/or other health services organizations. In certain instances where resources are available, field visits may also be conducted by PSEG Long Island Outreach Liaisons.

This document shall be revised every 1 year or incrementally as significant changes occur.

PSEG Long Island will work with its EOC liaisons to obtain status information on those visits coordinated through the EOC. Upon completion of the field visits or updates to the list, the LSE Manager will receive the list from the EOC Liaison each day until all LSE customers are restored and the status of all affected LSE customers has been updated and confirmed.

12.4.3 Community Outreach Centers

The Community Outreach Manager is responsible for overseeing any outreach centers opened to provide direct support and relief to the public, based on the conditions of the electrical emergency. When an approaching storm threatens to create significant outages that may last 48 hours or longer, PSEG Long Island's PIO, in conjunction with the Customer Care and Community Outreach Coordinator, will determine if Community Outreach Centers should be opened, and the types of support to be provided, depending upon the time of year and expected conditions. This decision may also be made following an actual storm event.

Community Outreach Center Objectives:

- Establishing and maintaining community outreach locations at our Customer Offices or other locations established near communities in need, following a storm or event
- Providing phone charging stations and ice to customers who have lost electric service during an event; may provide bottled water and other provisions when deemed appropriate
- Accepting and transmitting outage information and other customer feedback to appropriate areas
- Providing regular updates to the Website and Social Media Specialist on staffed locations, hours of operation, and available services
- Providing periodic updates to the Customer Care and Community Outreach Coordinator on outreach status, supplies distributed, and current inventories

The Community Outreach Manager will create a preliminary forecast for ice and bottled water delivery for each outreach location, based on outage and damage conditions for each area. The needs will be projected for at least three days after the date the center(s) open. With the possibility of an event lasting at least 48 hours, the Communications team will notify the public with distribution information for needed provisions. The Customer Outreach Center Manager will give the supporting vendor 24 hours' notice of the need to set up Customer Outreach Centers. Plans will include the number of centers, locations, and forecasted need for ice and bottled water.

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Through the Customer Outreach Centers, the supporting vendor will provide the following types of materials for distribution to customers:

- Dry ice with clear safety instructions regarding use and handling, in English and Spanish (based on forecasted need)
- Cases of water (when deemed appropriate for the event and needs of the community)
- Wet ice (when deemed appropriate for the event and needs of the community)
- Other supplies, as necessary, based on the actual event

Once in operation, the Community Outreach Manager will provide a detailed report to both the Customer Care and Community Outreach Coordinator and internal stakeholders. In addition, the Assistant PIO for Corporate Communications will have the ability to distribute the information to the public through press releases, website updates, social media, IVR messages, and e-mail blasts. The communication channels utilized will have the ability to include information as to where the Community Outreach Centers are located, and the materials that are being distributed.

In addition to the Community Outreach Centers, Community Outreach Liaisons may be dispatched throughout severely impacted communities to assist with the distribution of pertinent information and materials. The determination of severely impacted areas will be made after the initial impact of the storm/event by the Senior Leadership team, in which Community Outreach Liaisons will traverse the area. They will be supplied with information and materials that could include but not limited to: storm preparation materials, PSEG Long Island contact information, bottled water, non-perishable foods, and safety supplies.

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12.5 Customer Assistance Center (CAC)

During emergency conditions, the CAC Coordinator has overall responsibility for ensuring efficient call center operations.

Throughout the course of the restoration efforts, the normal 24-hour staffing in the CAC may need to be augmented. When this becomes necessary, the CAC will secure sufficient staff in order to answer the maximum number of electric emergency calls in an efficient, courteous, and responsible manner. Staff augmentation can occur through a variety of means, using both live agents and automated systems, with internal and external resources.

The CAC Call Representatives take electric emergency calls and provide restoration information to customers. They maintain and staff dedicated lines for police and fire departments, Critical Facilities, and for municipalities to reach an agent 24/7 during emergency events. Additionally, they ensure adequate staffing levels in the CAC and provide metrics reporting.

The decision to augment the CAC staff and/or to activate the CAC Command Center staff will be made by the PIO and CAC Coordinator, and will be based on any of the following:

- Storm conditions
- Number of customer outages
- Targeted or desired response/call answer rates
- Number of lost customer calls at the CAC
- Number of governmental calls being received at the CAC
- Number of service calls being received from hospitals and/or other critical facilities
- Any major event affecting PSEG Long Island facilities or equipment that requires communications between PSEG Long Island, their customers, and/or government officials

Customer Assistance Center (CAC) Objectives:

- Organizing and achieving the efficient operation of the CAC staff and technologies, so that an answer rate of over 90 percent of calls within 90 seconds can be obtained (as per the DPS Emergency Response Performance Measures)
- Ensuring that all staff, IVR, and automated outbound messaging on telephone lines is updated, within one hour following communication releases

This document shall be revised every 1 year or incrementally as significant changes occur.

12.5.1 Customer Assistance Center Staffing and High Volume Call Application (HVCA) Methodology

When PSEG Long Island's service territory is affected by either a forecasted or non-forecasted event, the CAC may experience a substantial increase in call volume.

The CAC will routinely extend shifts, recruit or mandate overtime, cancel vacations and time off, and/or utilize cross-departmental support (to increase the staffing complement), as well as to activate the HVCA to maintain CAC performance and integrity. The following key objectives and the matrices shown in Figures 12.3 and 12.4 are used to support proper decision-making:

- 1) Achieving Service Level (SVL) of 90% answered within 90 seconds
- 2) Ensuring messaging on IVR and other front end systems, within 2 hours of communications releases
- 3) Utilizing less than 75% of trunk capacity

| EVENT TYPE | EVENT PARAMETERS | STAFFING | HVCA |
|------------|---|---|--|
| Minor | < 5,000 outages in a division OR < 20,000 outages companywide | <ul style="list-style-type: none"> Normal staffing complement Overtime | Aligned with HVCA Utilization Parameters |
| Moderate | 20,000 – 100,000 outages companywide | <ul style="list-style-type: none"> Normal staffing complement Extended shifts Overtime Vacation and Time Off Cancellation Cross-department support | Aligned with HVCA Utilization Parameters |
| Heavy | >100,000 outages companywide | <ul style="list-style-type: none"> Increased staffing complement from other departments Extended shifts Overtime Vacation and Time Off Cancellation Cross-department support | Aligned with HVCA Utilization Parameters |

Figure 12.3 – Customer Assistance Center Event Evaluation Matrix

This document shall be revised every 1 year or incrementally as significant changes occur.

| EVENT MATRIX FOR INCREASES TO STAFFING COMPLEMENT | | | | |
|---|-------------------|-------------|----------------|-------------|
| SHIFT | TYPICAL STAFFING* | MINOR EVENT | MODERATE EVENT | HEAVY EVENT |
| 12:00AM – 8:00AM | 3 - 4 | > 5 | > 15 | > 20 |
| 8:00AM – 4:00PM | 100 – 120 | > 120 | > 150 | > 200 |
| 4:00PM – 12:00AM | 25 – 50 | > 60 | > 150 | > 200 |

* Note: The staffing levels represent average weekday staffing levels for the period shown.

Figure 12.4 – Customer Assistance Center (CAC) Staffing Levels by Shift

12.5.2 High Volume Call Application (HVCA) Utilization Parameters

The HVCA allows PSEG Long Island to manage call volume, subject to conditions within the following three areas: staffing, performance, and outage volume.

The following is a non-exhaustive list of situations that can lead to the activation of the HVCA:

1) Trunk Capacity*

It is necessary to maintain a certain level of free capacity to take emergency calls in the CAC. If trunk capacity reaches a level viewed by management as a threat to the CAC's ability to answer emergency calls, the HVCA can be activated to free trunk space until said space is at a controllable level, relative to call volume.

2) Wait Time (Average Speed of Answer (ASA))

Extended wait times correlate parabolically with abandoned calls, meaning that the majority of those abandoned calls happen within the earlier stages of the waiting period. It is essential that wait times be minimized, as much as possible. If wait times are exceeding a level deemed to place the CAC's service performance at risk at the amount of call volume being experienced, management can activate the HVCA to move calls to self-service application or provide critical messaging to customers. The HVCA allows for the mitigation of customers receiving busy signals.

3) HVCA Readiness for Forecasted and Non-Forecasted Outages

When outages occur, the CAC expects call volume to rapidly increase. Dependent upon the outage volume and staffing complement, there may be a need to initiate the HVCA to maintain call center integrity and performance standards. The initiation of the HVCA allows for flexibility in handling calls, should there be a spike in call volume at particular points in time.

**Note: Trunk capacity is 575 for inbound and outbound calls combined in Melville. An additional 92 trunks are available in PSEG Long Island's Hewlett facility.*

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12.5.3 Call Center Operations

The Call Center Operations Manager is responsible for coordinating the activities of support teams and coordinating activities of other CAC support managers. The CAC managers and supervisors ensure optimal staffing to answer the high volume of calls expected during an emergency. In addition, the team distributes all communication updates quickly and effectively, and ensures consistent messaging for all phone agents.

12.5.4 Workforce Management

The Workforce Management team has the following responsibilities:

- Assigning staff schedules to cover expected inbound calls and ensuring adequate staffing levels as per required metrics
- Providing continuous metric and regulatory reporting
- Maintaining and updating IVR messaging based on conditions and restoration activities
- Maintaining and updating HVCA messaging to ensure consistency with IVR messaging

The recorded message providing callers with outage information is updated, within one hour following communication releases, and is conveyed via IVR and other systems. The message will contain, at a minimum:

- Geographic area(s) affected
- Estimated number of customers affected
- ETR, per operational guidelines

12.5.5 Customer Technology

The Customer Technology team has the following responsibilities:

- Oversees customer technology interfaces including the Website Outage map, text alerts, e-mail alerts, outage callbacks and provides associated reporting data

This document shall be revised every 1 year or incrementally as significant changes occur.

12.5.6 CAC Command Center

The CAC Command Center team has the following responsibilities:

- Receives all escalated tickets from the CAC, Social Media and other Customer Service departments including issues that cannot be resolved easily with the customer including extended ETRs or special extenuating circumstances that are deemed necessary to expedite with Operations
- The Command Center Analysts validate and research the full details of the customer's restoration status and coordinate with the Escalation Processing team to escalate incidents to Operations

12.6 Large Customer and Customer Relations

The Large Customer and Customer Relations Coordinator establishes dedicated communication channels for the Customer Relations team to support the DPS inbound calls. Additional lines of communication are established for the Account Management Large Customer Support (LCS) team to reach out to and respond to Large Commercial Customers, Managed Accounts, and Critical Facilities across all business segments.

12.6.1 Department of Public Service (DPS) Call Center Coordination

The Customer Relations team has the responsibility to contact the DPS to coordinate coverage for the same hours of operation as the extended hours for the DPS Call Center. Customer Relations staff are assigned and empowered to assist with any issues forwarded by the staff of the DPS.

In support of the DPS escalation procedure, the Customer Relations team will contact the designated DPS customer service contact(s), as soon as an event occurs, or if potential storm damage is predicted.

Customer Relations will monitor an internal phone line for escalations submitted to DPS called the DPS Hotline. Only DPS has access to the hotline. The Customer Relations Manager will send the following response to DPS, once they receive notification of the hours that the DPS Call Center will be open for storm calls:

"PSEG Long Island Customer Relations staff will be available to accommodate your extended Call Centers hours of 7:30 a.m. to 7:30 p.m. on **insert day of the week, month, and date** (i.e., Saturday, January 23rd). You may call the CAG Line/Hotline at 855-351-6373 during those hours."

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The Customer Relations objectives are as follows:

- Coordinating staffing and hours of operation to match DPS contact center and staff
- Providing phone and e-mail support for DPS calls or complaints, prior to, and throughout an electrical outage event or emergency
- Coordinating with the CAC Command Center and the Escalations Processing team to help resolve any known outage emergency incidents deemed necessary for escalation

Representatives from the DPS are invited to participate in PSEG Long Island's daily storm update calls, and receive written summaries of the call notes following each call.

12.6.2 Managed Accounts and Critical Facilities

The Account Management LCS (Major Accounts) Manager assures that the leadership and assigned points of contact for Managed Accounts and Critical Facilities receive timely and accurate updates prior to, during, and after storms or other electrical emergencies.

The Managed Accounts and Critical Facilities objectives are as follows:

- Notifying and maintaining ongoing contact with Major Account customers, prior to, and during, a PSEG Long Island emergency or outage event
- Coordinating with the Escalation Processing team to ensure the prompt restoration of critical facilities
- Providing pre-storm notification to Managed Accounts and Critical Facilities to determine if they have back-up generation in the event of an outage
- Reviewing customer plans for generator usage, corresponding fueling plans, and the benefits of pre-outage testing and preparations
- Tracking the status and ETR of electric service for Critical Facilities (LIRR, Communications companies, hospitals, nursing homes, local and county governments, water-pumping/sewage treatment, fuel storage and distribution, and schools used as shelters)
- Tracking the status and ETR of electric service for Non-CF Managed Account customers (remaining schools and government, universities, developers, manufacturers, retail, business services, and telecommunications)

Account Management LCS (Major Accounts) team maintains a complete list of key contacts and alternate contacts for all hospitals, nursing homes, and other managed Critical Facilities served across the Rockaways and Long Island. Critical Facility customer lists are maintained within CAS, based on critical facility coding in the customer billing system. The Customer Information System allows PSEG Long Island to maintain the most current and updated information possible throughout the year.

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Comprehensive customer lists are pulled and reviewed, at least semi-annually, to verify accuracy and completeness (see Appendix D).

Throughout the year, the Major Account Consultants work closely with Managed Accounts and Critical Facility customers to assist them in planning for potential emergencies and electrical outages.

Figure 12.5 details the Critical Facility Level guidelines and parameters.

CRITICAL FACILITY LEVELS

Critical Facility Level 1 - These facilities provide services critical to public health and safety:

- Hospitals and Emergency Medical Facilities
- Emergency Shelters and Cooling Centers
- Fire, Police, Paramedics, and Rescue Facilities
- Emergency Management Offices
- Water pumping stations and Wastewater treatment plants
- Critical Utility and Communications Facilities
- Fuel Transfer and Fuel Loading Facilities (ports)
- Mass Transit (tunnels, electric drawbridges, ferry terminals, major rail facilities/rectifier stations)
- Airports
- Military Bases
- Critical Flood Control Structures

Critical Facility Level 2 - These facilities provide significant public services and may include some of the same type of facilities described in Level 1 depending on the event type, but are considered to some extent less critical by government agencies:

- Nursing Homes and Dialysis Centers
- Facilities to support other critical government functions
- Prisons and Correctional Facilities
- Communications (radio, TV, etc.)

Critical Facility Level 3 - These facilities provide some public services and may include some of the same type of facilities described in Level 2 depending on the event type, but are considered to some extent less critical by government agencies.

- Event Specific Concerns
- High-Rise Residential Buildings
- Customers providing key products and services (food warehouse)
- Managed Accounts, Large Employers, and Other Key Customers
- Other Government Buildings, Schools, and Colleges

Figure 12.5 – Critical Facility Levels

This document shall be revised every **1** year or incrementally as significant changes occur.

Municipal facilities, government offices, critical infrastructure, health care, water treatment, fuel distribution, and other key commercial, government, and public safety facilities require accurate and timely updates on outages and restoration.

In advance of potentially damaging storms, the Account Management LCS team proactively sends e-mails to all Managed Accounts and Managed Critical Facilities to offer safety tips and reminders on how best to prepare for the forecasted conditions and potential outages. E-mail messages provide the toll-free number to report outages and a direct number to reach the Major Account Consultants assigned to the facility, as well as a Critical Facility hotline when activated.

In addition, as a storm approaches, outreach calls are made by an automated system, and augmented by Account Management LCS team members to other non-managed Critical Facilities. Among other information, messages provide a toll free phone number available on a 24/7 basis to report outages.

After an event occurs and electrical outages are reported, the Account Management LCS team members run reports, throughout each day, to identify all affected Critical Facilities. As shown in Figure 12.6, the SAS Critical Facilities Report provides an area overview and details, down to the individual account and street location, for coded accounts. Users can filter the report to focus on a specific geographic area or a particular segment of critical customers.

Utilizing the sorting and filtering features of the system allows the Major Account consultants to quickly identify affected facilities, assess their level of damage, determine the ETR from information in the system, reach out to customers to discuss the status, and share all available information about the restoration process. These reports are run by the Planning Section to report to DPS at scheduled updates, typically four times a day.

When a critical facility location is identified through OMS, Major Account Consultants will reach out to the designated point of contact for the facility to assist in mitigation of the outage, and to advocate for restoration prioritization if necessary, based on available damage assessments, service crews and local conditions. Major Account Consultants, Call Center representatives, and supplemental Account Management LCS staff are available to provide assistance 24/7, during an emergency until all customers are restored.

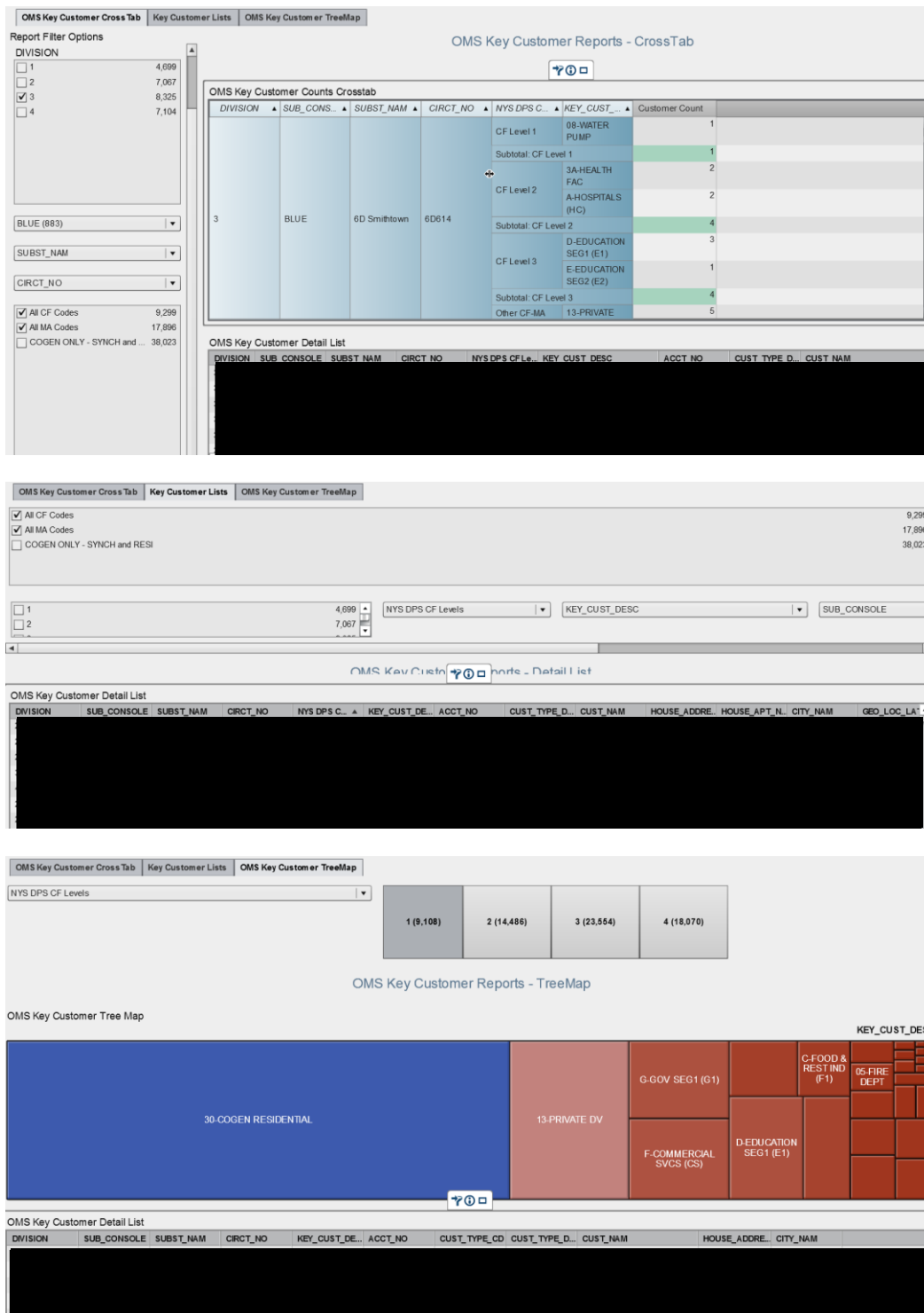


Figure 12.6 – SAS Critical Facilities Report Sample

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The Account Management LCS team members will send annual notifications, by e-mail, to accounts with critical facilities. The notification will outline the key points used to assess critical facilities and set expectations and recommendations for action, across each level. Figure 12.7 shows a summary of the types of actions suggested to customers to assist them in planning.

| LEVEL | RECOMMENDATIONS FOR CUSTOMERS |
|---|--|
| Level 1 – Public Health and Safety Refineries, LSE in use (Hospitals, Critical Care Facilities) | <ul style="list-style-type: none"> • Backup generation or four hour access to rental equipment • Business continuity plan if applicable |
| Level 2 – Significant Public Services Impaired or Senior Services, Critical Government Functions, Prisons/Correctional Facilities | <ul style="list-style-type: none"> • Backup generation/list of generator rental companies • Plan for being without power up to 14 days • Formal evacuation plan (people staying overnight, etc.) |
| Level 3 – Other Public Services High Rise Buildings, Limited Egress Facilities, Food Storage, Distribution, Key Products, Large Employer, Schools, Government Buildings | <ul style="list-style-type: none"> • Backup generation (taking geographic locations, reliability issues into account, etc.) • Plan for being without power up to 14 days • Business continuity plan if applicable (e.g., moving food to cold storage/dry ice, etc.) |

Figure 12.7 – Recommendations for Critical Facilities Advance Planning

When a storm or other potential threat to the electric system is approaching, the LCS team utilizes the standardized summaries and data provided by the Planning Section. They also employ press briefings and talking points, provided by the Corporate Communications team, to prepare outbound e-mails and phone scripts. Messages are tailored for the situation to assist managed and non-managed Critical Facilities, and other Managed Accounts, to prepare, as far ahead as possible, in advance for potential damage and electrical outages.

Messages may include safety tips, checklists for advance planning, and options for reporting outages or dangerous critical situations. An example of an e-mail is shown in Figure 12.8. In the sample e-mail, the Account Management LCS team advises customers of the approaching storm and expected impacts from the weather. It includes descriptions of the preparations being made, hours of coverage, and resources being activated. In addition, this sample provides tips for assessing possible causes of an outage in the customer's area, and provides several options for contacting PSEG Long Island, including the toll-free number, texting, the website at www.pseqliny.com/stormcenter, and a direct mobile phone number for the Major Account consultant assigned to the facility.

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PSEG Long Island Preparing for Winter Weather

PSEG Long Island is monitoring the forecast for potential winter weather that is expected to bring a mix of snow and rain Wednesday through Thanksgiving morning. Please be aware that snow can cling to tree branches and any remaining leaves, causing branches to fall onto electric wires.

In anticipation of the storm, PSEG Long Island is getting ready to respond to potential power outages, performing system checks on critical equipment and ensuring the availability of critical materials, fuel and other supplies.

PSEG Long Island responds to power outages and electric emergencies 24 / 7 and will have personnel on hand to handle any outages. If necessary, contractors, including tree crews, will be available to assist our own skilled workforce.

IF YOU LOSE POWER

First check your neighborhood. If you are the only one without power, check your fuse box for tripped circuit breakers or blown fuses. If that's not the problem, look outside at the wire between your house and the utility pole. If it is down, report it immediately to PSEG Long Island by phone.

Report a power outage using any of the following methods:

- **Phone:** 1-800-490-0075
- **Mobile devices:** Text "OUT" to PSEGLI (773454). You'll receive ongoing updates about the status of your outage. If you're not registered, text REG to PSEGLI (773454) or visit My Account.
- **Online:** www.psegliny.com/stormcenter

If you call and receive an automated response, please follow the prompts, as it is designed to route your call to the right destination. If you have specific information regarding damage to wires, transformers or poles, please stay on the line to speak with a representative to provide that information.

General outage activity throughout our service territory is also available online and on our mobile website at www.psegliny.com. Updates are posted on www.psegliny.com/stormcenter during severe weather.

Then please call me on my cell phone at (516) 817-XXXX. I will work with our service personnel to keep you apprised on the status of the efforts to restore your power.

In addition, if outages are widespread, the utility will activate its social media pages to keep the public informed about restoration progress. Customers can follow us at <http://twitter.com/PSEGLI> and <http://www.facebook.com/PSEGLI>. At PSEG Long Island, customer and employee safety is first and foremost. Remember, safety is always the only choice.

PSEG Long Island will be ready to respond as quickly and safely as possible. We'd also like to take this opportunity to wish you and your family a very happy and safe Thanksgiving.

Brian Sample | Lead Account Manager
PSEGLI | Large Customer Support | 175 E. Old Country Rd. | Hicksville, NY 11801
c. 516-817 XXXX
Brian.Sample@PSEG.com | PSEGliny.com



Figure 12.8 – Critical Facility Pre-Storm E-Mail Message Sample

For Critical Facilities that are not part of the "Managed Account" process, outbound phone messages are also developed. These accounts are managed only during storms and consist of firehouses and other small critical businesses that are not a large enough account to be managed on a daily basis. A sample outbound phone message is provided in Figure 12.9. This example includes an introduction, a description of the expected weather, and brief tips on preparing the customer's facility, as far in advance of the storm's arrival as possible. A toll-free number is also provided.

When phone calls are made, the outbound dialing system tracks and reports on the customers that it successfully reaches, and records the customers that do not answer. After attempting with the outbound dialing system, the Account Management LCS team members make follow-up calls to reach the remaining customers, in order to provide them with the same information.

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Critical Customer Outbound Storm Messaging

Telephone Script for Critical Facilities Calls

Hi, my name is _____ and I work for PSEG Long Island.

Winter storm Patrick is here now as we speak and can produce snow accumulation on Long Island. This storm has the potential to cause power outages. PSEG Long Island is ready to respond and we are executing our storm response plan.

If you have not started already, we encourage you to make your storm preparations for your facility, including testing any backup generation for your critical activities, ensuring that you have adequate sources of fuel, that you have provisions for fuel tank refills. In the event of a power outage to your facility, please understand that we will make every effort to restore your power as quickly as possible.

If you lose power, please call 1-800-490-0075 to create an outage ticket. This will ensure the quickest service response.

We will continue to update you as necessary.

Figure 12.9 – Critical Facility Pre-Storm Outbound Phone Message Sample

As an event occurs, and in the restoration period following a storm, OMS provides data for detailed reports on which critical facilities have been affected. The Major Account consultants can then reach out to the appropriate points of contact for each account, in order to assist in mitigating the impacts of the outage, and to provide accurate and up-to-date ETRs and other pertinent information. Outreach to the Escalations Processing team to escalate crucial outages will be made when deemed necessary.

12.7 The Municipal Portal

The Municipal Portal was created as a tool to track and provide clear and timely information to governmental leaders and elected officials, based on municipal input during PSEG Long Island's restoration events.

The Municipal Portal allows municipalities to directly input incidents into OMS for outages at their Critical Facilities, if one does not currently exist. They can also rank each outage job with a priority of importance for their locality that will be considered by PSEG Long Island when developing restoration work plans (see Figure 12.10). The Portal also includes a user friendly map for inputting Wire Down/MSTC jobs, providing the ability to place a pin on a map location where the issue exists (see Figure 12.11). Clear and timely status information will then be sent to governmental leaders and elected officials based on municipal contact information provided in the Municipal Portal and preferences for communication indicated by the individual entering the outage during PSEG Long Island's restoration events.

The Municipal Portal objectives are as follows:

- Providing centralized data storage of escalated issues from municipalities
- Providing government officials with an additional means of reporting outages and making requests for MSTC assistance to make an area safe for road debris removal
- Enhancing communications between PSEG Long Island, external stakeholders, and government officials
- Ensuring comprehensive tracking and visibility to escalated tickets that are entered directly by the municipality

The Municipal Portal is designed to record and log the following types of issues:

- Outages at critical facilities, including, but not limited to:
 - Healthcare facilities (hospitals and senior care centers)
 - First responder (police and fire) stations
 - Mass transit facilities
 - Data centers and telecommunication providers
 - Wastewater treatment plants
 - Schools (when schools are used for shelters or emergency response efforts)
- Road debris with utility poles that are damaged and blocking roads on routes that are deemed vital to a municipality
- Utility poles or trees blocking access to critical facilities
- Downed power lines blocking access to roads, or trees and limbs entangled with wires, making transportation impossible and/or creating a safety hazard
- Locations where police, fire department, or other emergency personnel are on the scene and require PSEG Long Island support to make the area safe

This document shall be revised every **1** year or incrementally as significant changes occur.

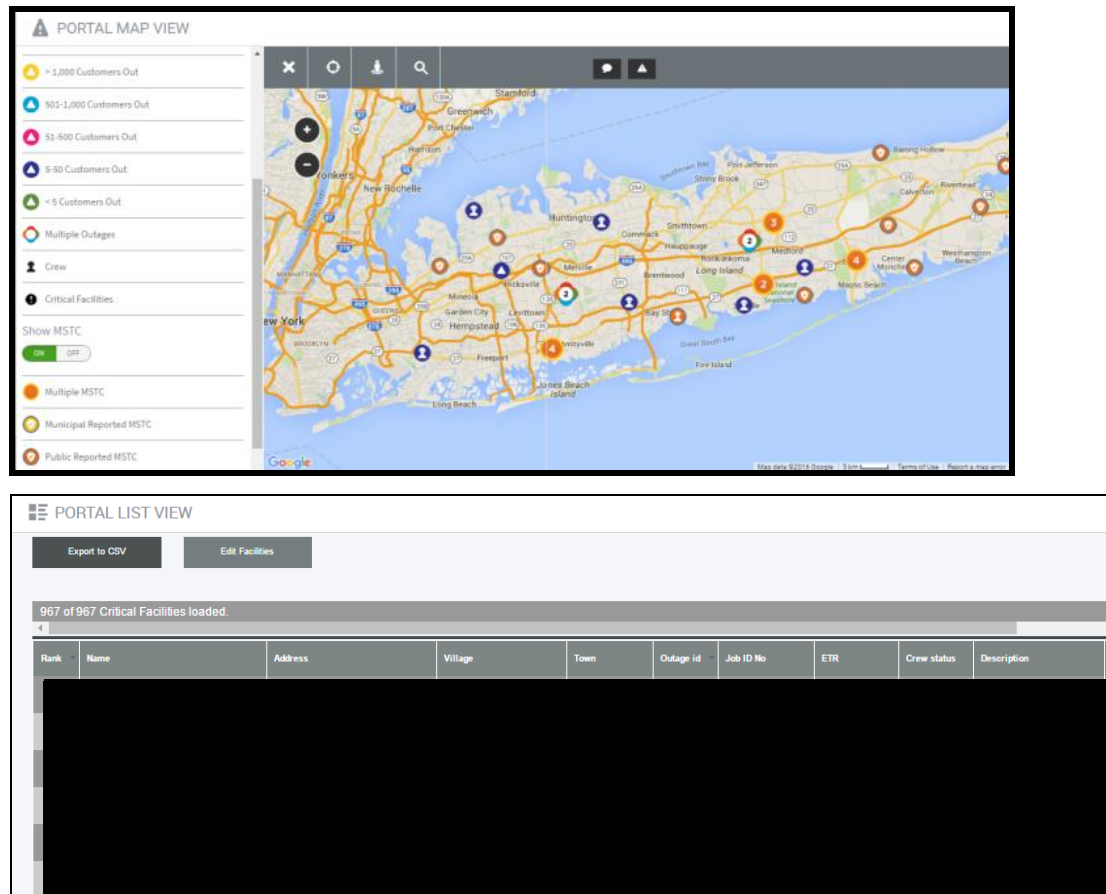
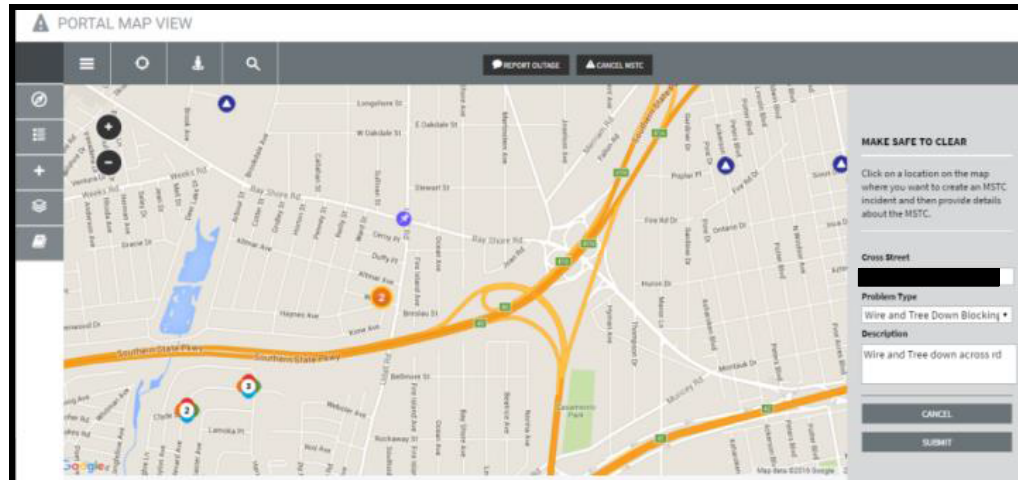


Figure 12.10 – Municipal Portal: Critical Facilities Outages

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MAKE SAFE TO CLEAR

Incident ID:
CN-RED-2001324958

Location ID:
2001442582

Job Number:
ESD-20160428-2217

Crew Status:
Unassigned

Street Address:
[REDACTED]

Problem Type:
HAS POWER/POLE BROKEN

MAGNIFY/ZOOM >

MORE INFORMATION >

GET MSTC UPDATES >

Figure 12.11 – Municipal Portal: Make Safe to Clear

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12.8 Escalation Tracker

OMS is the primary system for capturing and storing data and information about outages, and the condition of the electric system. OMS governs outage identification, the dispatching of crews, and the management of the restoration response.

Following severe storms, many individuals contact PSEG Long Island requesting status updates on key outages and/or customer inquiries. The Escalation Tracker, if needed, is an additional internal escalation tracking system to capture, record, track, and respond to escalated issues and priorities that are not already escalated through the Municipal Portal. These issues and priorities are reported through the municipal liaisons, the municipal hotline, or the Account Management LCS Team.

The Escalation Tracker objectives are as follows:

- Providing centralized data storage of additional escalated issues
- Ensuring comprehensive tracking and visibility to escalated issues
- Ensuring timely completion and/or follow through

12.9 Escalation Processing

12.9.1 Escalation Processing Team

The Escalations Processing Coordinator will report to the PIO any crucial restoration escalation priorities being addressed by the Escalation team.

Two Escalations Processing Managers will be responsible for consolidating and managing the outstanding escalations; one in Queens/Nassau County and one in Suffolk County.

The CICs oversee the process of utilizing the information available in OMS, the Municipal Portal, and the Escalation Tracker to coordinate, track, and communicate the highest restoration priorities by Division. They will report up to the Escalations Manager in their county.

The CIC objectives are as follows:

- Support District Managers, Municipal Liaisons, EOC Liaisons, Major Account Consultants, and CAC Command Center in identifying, prioritizing, tracking, and reporting escalated outages and make safe to clear/wire down jobs.
- Consolidate escalated outage and MSTC incident lists and work with Operations to incorporate these jobs into their Restoration Plan/Work Plan as per customer input, Critical Facility level, level of local damage, and available crews.

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During an event, the CIC is the Communications advocate working with Operations in reviewing restoration priorities and crew availability, researching and sharing ETRs, and identifying and escalating emergent issues and situations as reported. The CICs work closely with the ETR Manager, Mutual Aid Coordinator, and the Division Supervisor, providing consolidated lists of escalated incidents to be coordinated with the Operations Restoration Plan, Critical Facility level prioritization, and number of available field workforces. When activating use of Foreign Crews, the CIC teams reach out to Remote Dispatch Areas to solicit, collect, and package outage and restoration related information and associated work plans. Figure 12.12 below shows the process of escalations between the Communications Section and Operations Section.

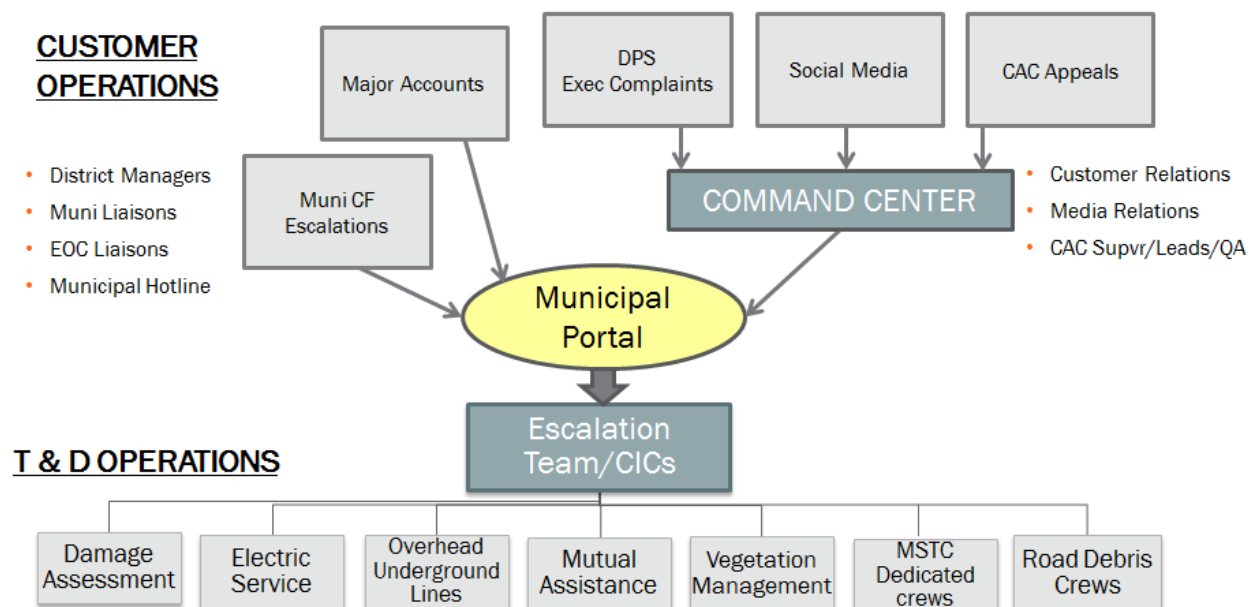


Figure 12.12 – Escalation Processing Information Flow

12.9.2 Escalations Reporting

The CIC works with the District Manager and the Operations Section to ensure that restoration activities are captured and documented. Restoration updates are reported to the Escalations Managers and Coordinator, who communicates to other areas of the Communications organization while tracking and documenting local outages, ETRs, and crew assignments, with special attention focused on critical facilities, key infrastructure, and crucial roadways requiring MSTC support, as related to the damage conditions of the event. The information collected is for situational awareness and assists with operational decision-making.

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The CIC plays a critical role in the overall storm communications process, helping to consolidate all key restoration data and information for the operational division to which they are assigned. The CIC is responsible for providing a daily comprehensive overview of restoration activities, within the division, which become a basis for information communicated to the CAC Command Center, municipal liaisons, and other Communication teams. This includes an emphasis on providing more geographically specific detail, restoration information on high priority critical facilities and infrastructure, and enhanced visibility to valuable information from field (i.e., substation or decentralized dispatch area level).

12.10 Corporate Communications

The Assistant PIO for Corporate Communications is responsible to convey the following to PSEG Long Island employees, the general public, media outlets, PSEG Long Island's website, and its social media channels:

- Communication materials and contact information
- Restoration status updates and ETR forecasts
- General information regarding storm safety and local emergency services available
- Key talking points regarding storm restoration plan
- External messaging to news and media outlets

The Corporate Communications objectives are as follows:

- Deliver clear, timely, and consistent messages appropriate to the circumstances, including pre-event, during a storm, during restoration, or post-event follow-up
- Provide messaging through multiple channels to reach employees, the general public, and news and media outlets
- Update the PSEG Long Island website, storm center, and social media platforms
- Establish a daily communication schedule for all communications

Figure 12.13 illustrates a typical communications timeline for one day.

| Time | Activities |
|-----------------|---|
| 3:30 – 4:00AM | <ul style="list-style-type: none"> Corporate Communications e-mails outage and restoration update |
| 4:00 – 4:30AM | <ul style="list-style-type: none"> Communication to media on outage numbers Update Twitter and Facebook with new outage statistics Provide CCC team with press briefing update |
| 6:00 – 6:30AM | <ul style="list-style-type: none"> CCC day staff arrives and accepts hand-off from overnight team |
| 7:00 – 7:30AM | <ul style="list-style-type: none"> All teams' submit info to Planning Section for coordination and tracking |
| 8:00 – 8:30AM | <ul style="list-style-type: none"> Storm Call to review status and confirm information in Matrix |
| 8:30 – 9:00AM | <ul style="list-style-type: none"> Storm summary and Matrix updated. Storm summary distributed to all Communication Team Leads Corporate Communications e-mails outage and restoration update |
| 9:00 – 9:30AM | <ul style="list-style-type: none"> Communications teams produce tailored documents and begin outreach Communication to media on outage numbers and other update |
| 9:30 – 10:00AM | <ul style="list-style-type: none"> General Island-wide Municipal Call (pre-event) Municipal Call by District (post-event) |
| 10:30 – 11:00AM | <ul style="list-style-type: none"> Large Customer Support Conference Call PSEG Long Island President and/or VPs conduct news media conference call, as needed |
| 11:30 – 12:00PM | <ul style="list-style-type: none"> Corporate Communications e-mails outage and restoration update |
| 12:30 – 1:00PM | <ul style="list-style-type: none"> Planning Section to populate Standard Outage and Feedback Matrix from OMS data and department input |
| 1:00 – 1:30PM | <ul style="list-style-type: none"> Storm Call to review status and confirm information in Matrix |
| 1:30 – 2:00PM | <ul style="list-style-type: none"> Storm summary and Matrix updated. Storm summary distributed to all Communication Team Leads |
| 2:00 – 2:30PM | <ul style="list-style-type: none"> Communications teams produce tailored docs and begin outreach Communication to media on outage numbers and other update |
| 4:30 – 5:00PM | <ul style="list-style-type: none"> Corporate Communications e-mails outage and restoration update |
| 6:30 – 7:00PM | <ul style="list-style-type: none"> Planning Section populate Standard Outage and Feedback Matrix from OMS data and department input |
| 7:00 – 7:30PM | <ul style="list-style-type: none"> Storm Call to review status and confirm information in Matrix |
| 7:30 – 8:00PM | <ul style="list-style-type: none"> Storm summary and Matrix updated. Storm summary distributed to all Communication Team Leads Corporate Communications e-mails outage and restoration update |
| 8:00 – 8:30PM | <ul style="list-style-type: none"> Communications teams produce tailored docs and begin outreach Communication to media on outage numbers and other update |
| 9:30 – 10:00PM | <ul style="list-style-type: none"> Corporate Communications e-mails outage and restoration update |

Figure 12.13 – PSEG Long Island Typical Storm Communication Timeline

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12.10.1 Internal Communications

Internal communications are prepared and distributed periodically, prior to and throughout each day of an event, by the Corporate Communications team. This is undertaken to ensure that all employees have an understanding of the damages and impacts of the event, expectations for their support, as well as an understanding of the nature, scope, and status of PSEG Long Island's restoration response.

Information and updates flow to PSEG Long Island employees for distribution to all outreach channels. This ensures that all have timely, accurate, clear, and consistent information to answer questions from the general public, LSE, residential and commercial customers, municipalities, and elected officials. Employee briefings and updates are prepared by the Corporate Communications team and distributed through a variety of channels, including e-mail notifications, internal intranet site postings, and/or work site briefings, as necessary.

Messages include information consistent with that released to the general public, as well as additional safety tips and reminders focused on the specific types of issues and dangers associated with working in, and traveling through, conditions associated with the current storm.

Notices to employees also include tips and reminders to prepare their families and their homes, prior to an event, so that the employees will be available for the demanding assignments and extended shifts that come with a severe storm or other emergency.

12.10.2 External Communications

The primary responsibility for distributing information and updates to the general public, news and media outlets resides with the PIO and the Corporate Communications team. Prior to a storm or predictable emergency situation, messaging is focused on alerting customers and the general public of the approaching threat, so they are aware that electrical outages may occur, and to allow them as much advance warning, as possible, to prepare.

Safety tips, PSEG Long Island contact information, updates, restoration priorities, crew availability, and general and local ETRs flow out quickly and consistently to the general public and customers through press releases, press briefings, website updates, e-mail blasts, and social media updates on Facebook, Twitter, and YouTube.


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The CAC also plays a primary role as the central point of contact for inbound calls coming from the public, residential and commercial customers, police, fire and other public safety organizations, and municipal and elected officials. The CAC team ensures that the IVR system and HVCA are updated throughout each day, with the most current and accurate information from Corporate Communications. They also support the outbound dialer messaging for outreach to LSE, Managed Accounts, and Critical Facilities customers.

Press releases, briefings, Storm Center updates, and/or e-mails are issued by the Corporate Communications and Marketing teams. Messages will contain the following types of information appropriate to the time and circumstances when issued:

- Safety tips
- Type and anticipated severity of storm
- Geographic areas likely to be impacted
- Preparedness messages for LSE customers
- Public service messages and pre- and post-event warnings
 - These messages and warnings allow for all constituents to be prepared for potential power outages, and how to handle them in the safest manner possible
- Number of crews activated or anticipated
- How to report an outage and check for outage status
- Notifications of dangerous situations identified in the course of restoration operations
- Notification of special circumstances impacting restoration efforts, including flooding, travel restrictions, evacuation orders, etc.
- Updates on crew assignments, mutual aid support, and other resources allocated or requested to ensure safe and prompt restoration
- Other key information that may be valuable to the public for planning purposes

An example of a pre-storm e-mail to customers is shown in Figure 12.14.



PSEG Long Island Preparing for Weekend Storm

PSEG Long Island is monitoring the forecast for a weekend storm that is expected to bring rain and strong winds Saturday into Sunday evening. High winds have the potential to cause tree damage, which can affect electric wires.

In anticipation of the storm, PSEG Long Island is getting ready to respond to any resulting power outages, performing system checks on critical equipment and ensuring the availability of critical materials, fuel and other supplies.

PSEG Long Island responds to power outages and electric emergencies 24/7 and will have personnel on hand throughout the weekend to handle any outages. If necessary, contractors, including tree crews, will be available to assist our own skilled workforce.

DOWNED WIRES
STAY AWAY FROM ANY DOWNED WIRE. Assume that any downed wire is a live electric wire. Do not approach or drive over a downed wire. If a wire falls on a vehicle, occupants should stay in the vehicle until help arrives. Additionally, parents are urged to check for downed wires in areas where their children might play. To report a downed wire, call 1-800-490-0075 anytime and let us know the nearest cross street.

IF YOU LOSE POWER
First check your neighborhood. If you are the only one without power, check your fuse box for tripped circuit breakers or blown fuses. If that's not the problem, look outside at the wire between your house and the utility pole. If it is down, report it immediately to PSEG Long Island by phone.

Report a power outage using any of the following methods:

- **Phone:** 1-800-490-0075
- **Mobile devices:** Text "OUT" to PSEGLI (773454). You'll receive ongoing updates about the status of your outage. If you're not registered, text REG to PSEGLI (773454) or visit [My Account](#).
- **Online:** www.psegliny.com/stormcenter

If you call and receive an automated response, please follow the prompts, as it is designed to route your call to the right destination. If you have specific information regarding damage to wires, transformers or poles, please stay on the line to speak with a representative to provide that information.

General outage activity throughout our service territory is also available from your computer or mobile device at www.psegliny.com/stormcenter, where we also post updates during severe weather.

In addition, if outages are widespread, the utility will activate its social media pages to keep the public informed about restoration progress. Customers can follow us at <http://twitter.com/PSEGLI> and <http://www.facebook.com/PSEGLI>.

At PSEG Long Island, employee and customer safety is first and foremost. Remember, safety is always the only choice.

CUSTOMERS WITH LIFE-SUSTAINING EQUIPMENT
Individuals who rely on electricity to operate life-sustaining electronic equipment, such as a respirator or dialysis machine, should notify PSEG Long Island at 1-800-490-0025. They should also inform their rescue squads and fire departments of their needs, in case of emergency. Customers with life-sustaining equipment should also have emergency back-up equipment on hand, since immediate power restoration cannot be guaranteed.

DRIVING NEAR OUR WORKSITES OR VEHICLES
Please slow down and be alert when driving past a PSEG Long Island worksite. Driving too fast can endanger you and our employees and hamper their ability to perform important work. PSEG Long Island crews use work area protection — traffic cones, utility work signs and flaggers — to allow them to do their jobs safely. Follow safe driving techniques to prevent fender-benders or more serious collisions that could delay our service technicians as they respond to customer calls or emergencies.

GENERAL STORM PREPAREDNESS TIPS
Mother Nature can be unpredictable. It's wise to have an emergency kit on hand year-round. Things to include:

- A battery powered radio
- A corded telephone (Cordless phones will not work if the power is out)
- Flashlights and extra fresh batteries
- Car charger for mobile devices
- A first-aid kit
- Bottled water and an adequate supply of non-perishable food
- A non-electric can opener
- Matches and candles with holders
- Extra blankets and sleeping bags
- A list of emergency phone numbers, including PSEG Long Island's 24/7 Electric Emergency line: 1-800-490-0075. Call this number to report power outages or downed wires.

Figure 12.14 – Sample E-Mail to Customers Prior to Storm

12.10.3 Media Coordination

The Corporate Communications team is responsible for communicating with a full range of broadcast, news, and online and print media outlets. This ensures timely and clear communication of all key messaging, based on the situation, circumstances, and timeframe of an event. The Corporate Communications team formulates press releases and coordinates appropriate interviews, and provides periodic status updates, throughout an event and afterward.

In addition, the team maintains focus on storm related threats, including flooding, and shares all available safety and restoration information, recommendations for preparing for flooding or evacuation, safety precautions, and suggested steps to arrange for re-energization (if a home or area has been de-energized due to flooding or other conditions). When appropriate, the team may share in-field videos and photos to support damage characterizations and demonstrate restoration procedures and activities under way.

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The Corporate Communications team maintains a complete list of key contacts and alternate contacts for all media outlets, across the service region territory, including newspapers, periodicals, radio and TV broadcasters, and internet news services. The media contact list is utilized and updated throughout the year to maintain a current list of reporters and contacts at each media outlet. Semi-annually, the Corporate Communications Team reviews the media list and coordinates with appropriate outlets for proper contact information (see Appendix E).

12.10.4 Website and Social Media Coordination

The Website and Social Media Specialists maintain around-the-clock availability of the website, during an electrical emergency, and coordinate frequent periodic updates to the site. These updates include safety tips, press releases and updates, storm center updates, and procedural guidance, when the service territory is impacted by flooding, mandatory evacuations, or other special circumstances. The Website and Social Media Specialists utilize all available internet and social media channels to share proactive, current and consistent messaging, in order to reach the broadest possible range of internet protocol connected devices.

Customer inquiries on social media are managed by dedicated social media CSRs at the CAC, as well as additional storm social media staff as needed to assist the Social Media team with real-time customer account access and details to be provided to customer inquiries.

The PSEG Long Island Storm Center website allows the customer to access safety tips and storm updates, as well as a means to report outages. Examples of the home page for the Storm Center and the outage map are shown in Figure 12.15.

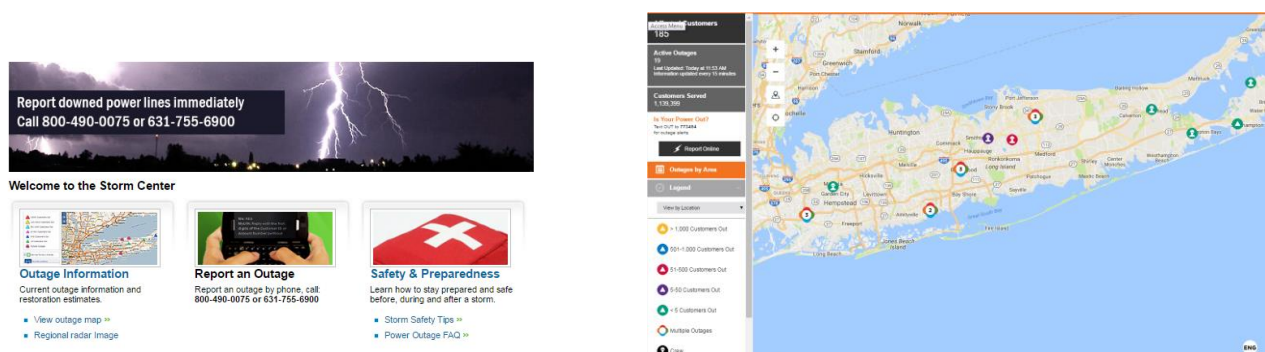


Figure 12.15 – Storm Center Home Page (left) and Sample Outage Map (right)

PSEG Long Island also utilizes social media to interact with our customers and provide feedback to their comments and/or concerns. Figure 12.16 and Figure 12.17 provide examples of social media usage.

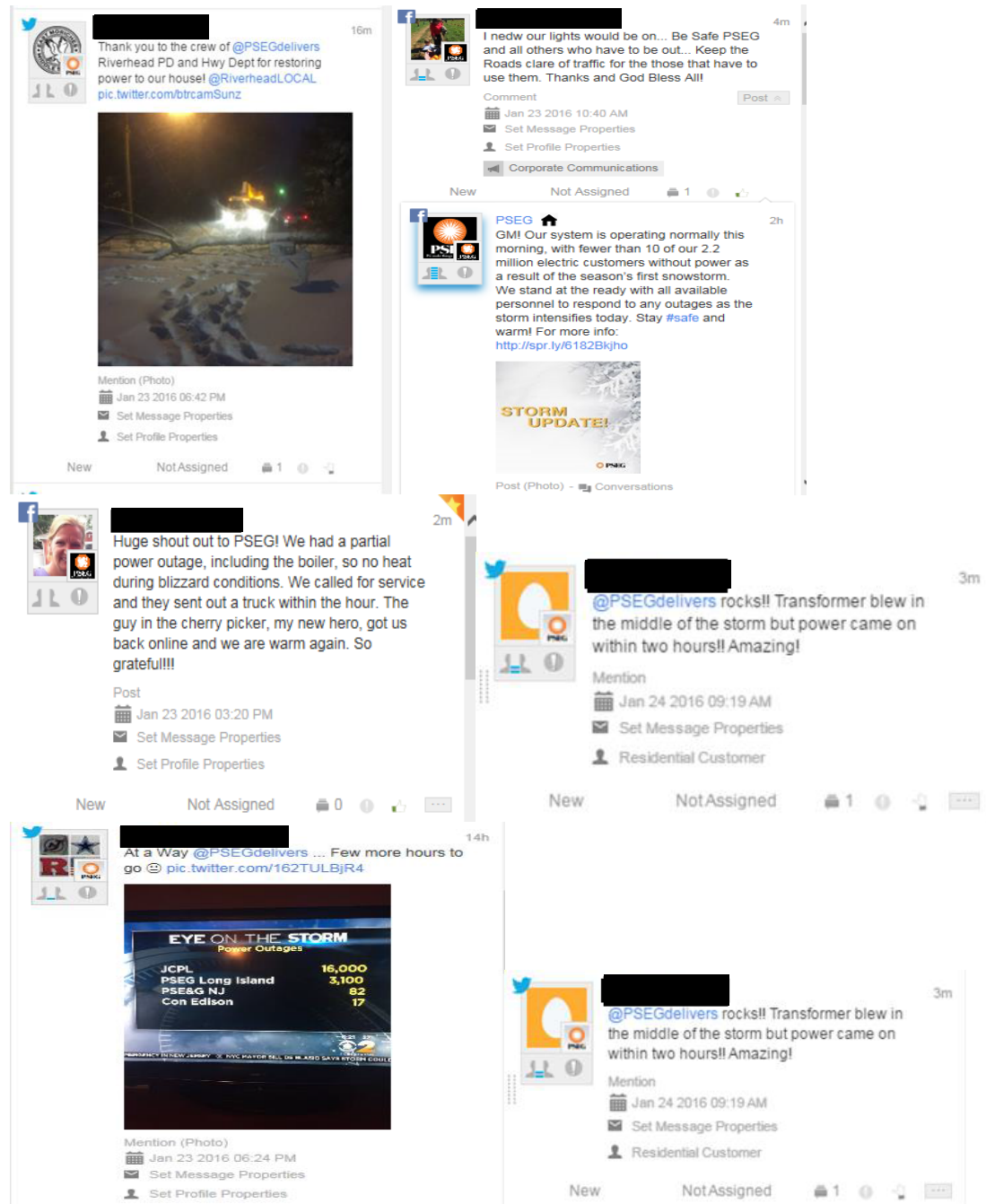


Figure 12.16 – Social Media Posts from Facebook and Twitter

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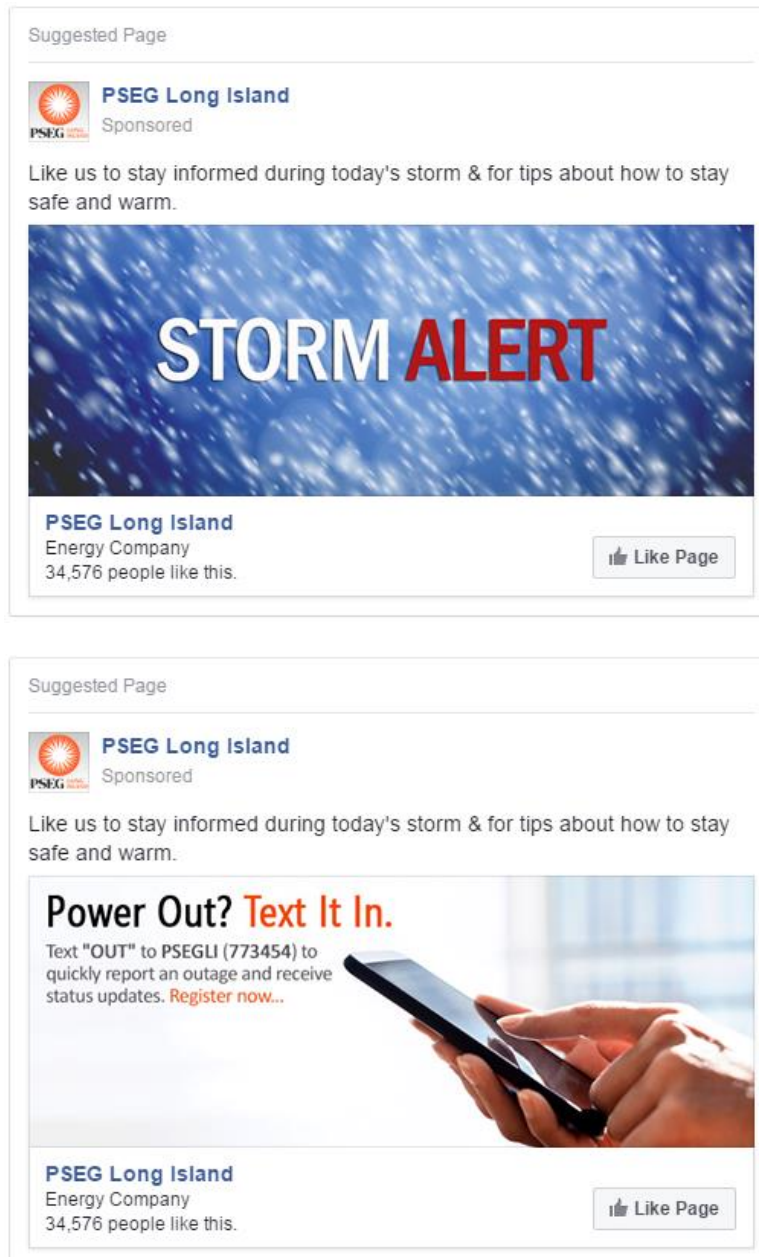


Figure 12.17 – Social Media Banners

In addition, PSEG Long Island maintains a portfolio of informative educational videos on the website www.PSEGLINY.com and YouTube channel at www.youtube.com/PSEGLI. Examples of the videos are shown in Appendix N.

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13. OPERATIONS PROTOCOLS

This section of the ERP details comprehensive tactics for restoration operations that are implemented by PSEG Long Island, in response to a severe storm or system-wide emergency impacting Long Island and the Rockaways. These tactics may also be implemented during storms of intermediate intensity, such as a severe thunderstorm or strong windstorm.

The Operations organization is comprised of two branches, two groups and one area, along with their support staff and resources:

The T&D Operations West and East Branches perform the following actions:

- Coordinating restoration activities divisionally and at remote dispatch areas
- Surveying the distribution system for damage
- Managing the Foreign and Contractor Crews
- Repairing the electric T&D system

The Transmission Survey & Operations Control Group performs the following actions:

- Coordinating restoration activities centrally
- Surveying the transmission system for damage
- Manning and monitoring of substations

The Line Clearance Group performs the following actions:

- Coordinating line clearance activities centrally
- Managing the Contractor Line Clearance Crews

The Foreign Crew Processing (FCP) Area performs the following actions:

- Processing all incoming Foreign and Contractor Crews
- Documenting and tracking daily work activities through Crew Guide coordination

The responsibilities and supporting activities of Operations Section Branches, which significantly contribute to the overall restoration effort, are addressed in this section.

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13.1 Overall Approach and General Strategies

During emergencies, the Operations Section is responsible for managing all tactical operations associated with an incident, specifically the safe and efficient assessment of damage to the electric T&D infrastructure and restoration of electric service. To accomplish this mission, the Operations Section is structured into two branches, split geographically, with supporting staff. The T&D Operations West and East Branches perform damage assessment, coordinate restoration activities, mobilize and manage the repair crews, including PSEG Long Island, Contractor, and Foreign Utility Crews, and direct the overall repairs.

The activities of these branches occur at the Division Headquarters, and Remote Dispatch Areas, depending on the level of decentralization for the particular event. The necessity to decentralize is dictated by the number of tactical resources required, and is greatly influenced by span of control considerations.

In any storm situation, three vital pieces of information must be gathered to enable an effective restoration plan:

- Number of electric customers out of service
- Amount and type of damage to the T&D Electric System
- Manpower available (along with timing of availability) to repair damage

Once this information has been collected, efficient restoration plans can be developed.

13.1.1 Restoration Protocols

After a major event, PSEG Long Island utilizes a process to repair damage and restore power that is recognized as an industry best practice. Restoration protocols are designed to safely restore power to the largest number of customers, in the shortest amount of time. The safety of the public and the crews making repairs and restoring power are PSEG Long Island's first priority. This can mean that sometimes a storm must pass before damage assessment personnel and Repair crews are able to be released to the field, to begin to assess and repair damage. Field damage assessments and repairs may commence when:

- 1) Field personnel are able to be deployed without unacceptable safety risks from continued severe weather conditions (where adverse weather conditions are applicable)
- 2) The potential additional damage to the electric system from the storm is low, in proportion to the expected level of damage already sustained

The decision to commence restoration is made by the Operations Section Chief.

The order in which repairs are made is aligned with the path that electricity flows from the power plants to the customer. PSEG Long Island crews begin with transmission and distribution circuits that affect large numbers of customers. Repair crews then restore primary branch-line distribution lines that can affect multiple customers, continuing down to secondary distribution lines that affect fewer customers. Finally, service lines to individual customer businesses and residences are restored.

Jobs with more than one type of damage at a location are prioritized and arranged by the highest priority work at the location. In such cases, all of this work is considered one job, and is assigned as such. The objective is to proceed so that each hour of work will return the maximum number of customers to service, as possible.

Concurrently, PSEG Long Island focuses restoration efforts to restore service to Critical Facilities, such as hospitals, police departments, firehouses, and other public health and safety facilities on a priority basis, as warranted. While efforts are made to provide prioritized restoration to Critical Facilities, it is not always possible to restore such customers on a prioritized basis. In addition, customers designated with LSE status do not imply priority restoration after a storm.

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As such, PSEG Long Island also implements specific outreach programs to alert them to properly prepare for potential prolonged power outages, and to provide information and updates on PSEG Long Island's storm preparation and restoration activities. These programs provide an expanded level of communication to the above mentioned customers. They include pre-event notifications (for forecasted events), daily outreach to those that experience outages during PSEG Long Island's response, and restoration to assist them with their continuity planning. For more details on this process, refer to Section 12 – Communications Protocols.

PSEG Long Island crews are initially assigned to high priority transmission work, while Foreign Crews are just arriving or still in transit. During such time periods, divisions continue to perform damage assessment. Once Foreign Crews become available, they are allocated to divisions or remote dispatch areas.

Overall, at both the division and remote dispatch area levels during emergencies, all work for restoring electrical service on the T&D system is assigned, repairs are performed, and service restored, in accordance with the following set of general priorities:

Eliminate Unsafe Conditions

The elimination of hazards to the public takes precedence during emergencies. Available personnel are divided into the minimum size crews, as required to cut and clear or repair the primary and secondary hazards. Wires are cleared so that service can be restored up to the break. Special crews consisting of non-line personnel may be established to respond to municipal reports of downed wires, as required and as possible.

Response to emergency calls is prioritized based on the severity of risk for areas such as schools, playgrounds, and high pedestrian traffic areas, providing response as soon as possible. Please refer to Section 13.1.3 of the ERP for features on this activity.

Additionally, at the initial stages of the restoration process, PSEG Long Island crews may be directly assigned to municipalities to work with their DPW crews to "make safe" downed wires, so that trees and other debris may be removed from major roadways by municipal crews. Please refer to Section 13.1.4 of the ERP for features on this activity.

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Transmission Circuits

Transmission line restoration is prioritized by the Transmission Survey and Operations Control Group Supervisor. Damage assessment and repair of transmission lines are directed by the designated Division Supervisor. Support personnel are assigned to permit restoration of transmission service to substations, by the time load can be served from the substation. Bulk power circuits, not directly affecting substations, are assigned priority, depending on the importance of the circuit and the effect of its loss on the bulk power system. The Chief Transmission System Operator, in coordination with the applicable Division Distribution Control Center, determines the need for bulk power circuits.

Substations

Substation repairs are directed by the Substation Maintenance/Relay Protection Group Supervisor, who consults with the Chief Transmission System Operator and the Division Distribution Control Center to determine the order of restoration.

Primary Distribution Circuits and Branch Lines

Main portions of 3-Phase primary distribution circuits that are “locked-out” are restored either by cutting faulted sections clear, or by opening sectionalizing devices (i.e. switches). Damages are then repaired, restoring all 3-Phase primary distribution circuits.

Repair crews then begin restoration of all primary distribution branch lines affecting multiple customers. Repair crews are directed to complete all the work on a primary distribution branch line, even if this includes secondary distribution lines and services. Depending on the extent of damage, this may entail the repair crew returning the following day to complete repairs. It is the responsibility of the repair crew to perform a final assessment of damage in the area and repair any additional damage found.

Secondary Distribution Lines and Services

Areas where there is only damage to secondary distribution lines and services are restored simultaneously. Again, repair crews are directed to complete all the work on one visit to the area and, depending on the extent of damage, may entail the repair crew returning the following day to complete repairs. It is the responsibility of the repair crew to perform a final assessment of damage in the area, and repair any additional damage found.

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In addition, if the customer's equipment requires repair, the repair crew will notify the customer and, if possible, restore the service wires by making temporary repairs, provided that the customer has authorized such, via a temporary service agreement.

Critical Facilities

Where possible, priority for electric service restoration is provided to those facilities, from which essential services, functions for the continuation of public health and safety, and disaster recovery are performed or provided, such as hospitals, water-pumping stations, sewage treatment plants, police and fire stations, etc., as practicable.

LSE Customers

Efforts are taken to restore service to LSE customers as quickly as conditions warrant. Again, priority restoration is not guaranteed or provided for in such cases. Customers are reminded that their LSE designation is not regarded or considered as a restoration priority. Service will be restored as quickly and safely as possible, following normal prioritization, safety guidelines, and the practicality of being able to restore.

Permanent Repairs

In addition to eliminating unsafe conditions, the initial focus of restoration is to get the power back on, and then return to make permanent repairs, where necessary. After all electric service has been restored, permanent repairs are made to any remaining temporary field conditions. During restoration of service, if practical, permanent repairs are made to avoid hazardous conditions and eliminate duplication of effort. To simplify the completion of permanent repairs, a log of the locations of temporary repairs is maintained within the OMS during the restoration process.

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13.1.2 Damage Assessment/Survey Protocols

A key component of the ERP is damage assessment. This capability ranges from mobilization of select individuals performing damage survey for minor events to the mobilization and staffing of Divisional Operation Centers during events where damage is more widespread. Damage assessments can be a very detailed and, depending on the severity of the damage, lengthy process. Therefore, alternate methods of calculating preliminary impacts are employed at the outset of major events.

When a major storm initially strikes, the first estimate of the number of customers affected is made from the Long Island Control Area (LICA) Report, produced by the Critical National Infrastructure (CNI) Department. This report is used to compare the current level of electric demand on the system, on an hourly basis, with the forecasted demand, based on historical demand, at a similar time of year, and the current weather forecast during non-storm conditions. Prior to the deployment of damage assessors to the field, this is a best estimate of restoration duration based on available data at the time. Due to the lack of damage information, no highly reliable prediction of restoration duration can be made at that point.

Prior to the initial damage assessment being conducted, the “Lockout Coordination Center” is mobilized. This group, contained within the Operations Section, assists the Transmission System Operations District Operators with the dissemination of T&D lockout data to the four Distribution System Operations Divisions. This group produces a Lockout Report from information obtained via SCADA, along with preliminary reports from field personnel. This is the first quantitative indicator of the amount of actual damage to the system.

Employing charts that provide predictions based on lockout counts of the number of customers out-of-service and the amount of damage, the first estimates of the duration of the restoration effort can be made. As soon as the number of crews committed can be determined, or at least estimated, the predictions can be revised.

Two matrices have been developed, based on historical data. The first postulates the estimated number of customers out-of-service based on the number of lockouts. The second provides an estimated forecast of the number of primary and secondary damage locations based on the same data. Then, by means of an algorithm relating the number of anticipated crews to the number of estimated primary and secondary damage locations, an initial system level or global restoration duration, in days, can be approximated.

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For those severe emergencies when field damage assessments are required, the 3-Phase mainline of locked out distribution circuits that are most heavily impacted (based on SCADA readings and/or OMS predictions, as well as locked out circuits serving critical infrastructure) are patrolled. This is done in order to obtain damage information, as soon as possible, for the initial repair crews to generate a preliminary prediction of global restoration duration. A prerequisite for this action is a completed Lockout Report.

The Operations Section Chief will determine if field damage assessment is warranted, based on the number/severity of incidents reported in OMS, and the number of operating divisions affected. In response to storm devastation, the T&D Operations Branches are tasked with performing damage assessment from the four operating divisions (*Divisional Survey*). These Damage Assessment teams are mobilized, deployed, and dispatched to known incidents within the OMS. They are directed to record and report their findings, in a manner that allows for the development of work packages and ETRs.

As part of the ERP, Divisional Survey personnel are managed through a centralized Division Survey Console, which is staffed with coordination and dispatching personnel. Divisional Survey personnel are pre-identified and trained to conduct widespread damage assessments. Staffing plans are developed to address anticipated needs, through the execution of pre-existing contracts and mutual assistance requests.

The survey (damage assessment) involves “two-person” teams physically inspecting, either by car or on foot, all reported overhead primary and secondary damage locations associated with each locked out circuit. This ensures that all damage locations are physically verified, as opposed to relying solely on customer-generated damage reports. After assessing the damage, Survey personnel identify the material and equipment requirements necessary to effect repairs.

Damage information is collected and then entered into OMS. For additional information on specific Damage Assessment/Survey protocols followed by PSEG Long Island during restoration activations at the Division level, see Section 13.3.3 of the ERP.

This document shall be revised every 1 year or incrementally as significant changes occur.

Within 24 hours of the commencement of restoration, PSEG Long Island targets to survey:

- 1) 75% of all locked out transmission circuits causing a loss of supply
- 2) 30% of the 3-Phase mainline and unfused branch line of all locked out distribution circuits

These broad scale preliminary assessments of the nature and extent of system damage are based on rapid surveys of damaged areas (mainline circuits considered to be heavily impacted based on SCADA readings and/or OMS predictions, as well as circuits serving critical facilities known to be without commercial power). From these preliminary assessments, an initial damage assessment can be made based on the total number of damage locations, and augmented with input from other data sources (i.e., system load, lockout algorithm, etc.). This initial assessment is implemented to support the establishment of initial global ETRs.

Within 48 hours of the commencement of restoration, PSEG Long Island targets to survey:

- 1) 100% of all locked out transmission circuits causing a loss of supply
- 2) 75% of all locked out transmission circuits not causing a loss of supply
- 3) 75% of the 3-Phase mainline and unfused branch line of all locked out distribution circuits
- 4) 30% of the reported fused branch line incidents of all distribution circuits

These more detailed assessments of system damage are based on systematic field surveys. From these more detailed assessments, a more comprehensive damage report can be made on the total number of damage locations surveyed. This comprehensive assessment is implemented to further support decision making in resource acquisition and deployment.

Once the Divisional surveys are essentially complete, more accurate damage reports and refined restoration predictions can be made. As the restoration process continues, and both field survey data and crew availability are known, ETR estimates will continue to be refined, starting from the system level (global ETR) and continuing down to regional, local, and ultimately, individual job level restoration estimates.

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13.1.3 Wire Down Protocols

During a large-scale storm event, the safety of the public is a primary concern of PSEG Long Island. The elimination of hazards to the public takes precedence during emergencies and includes plans to promptly address downed wires within the timeframe specified by Case 13-E-0140 of notification of the location of such downed wires from a municipal emergency official. Response to down wires involves the dispatch of trained and qualified employees or contractors to investigate reports of downed wires, make safe, fix, and, if needed, arrange for standby personnel to protect the public.

Non-outage emergency call reports are received from customers, police/fire dispatchers, 911 center representatives, or field personnel. Incidents are created within the OMS system with one of the following conditions marked:

- WIRES DOWN - POLE-TO-POLE or WIRES DOWN - POLE-TO-BUILDING
- WIRES DOWN AND BURNING
- SPARKING WIRES

Qualified individuals are dispatched to reported wire down locations to determine whether the incident involves PSEG Long Island equipment (i.e., is not facilities owned by Cable or TelCo). If the crew is capable of making a permanent or temporary repair to a down conductor that may be energized, they will clear the hazard. If the crew is not qualified to perform the corrective action, they will contact their respective dispatcher, who may assign either a Wire Watcher to replace them and “standby” the hazard until made safe, or a qualified crew to make safe or clear the hazard.

Should prioritization delay a qualified crew from responding, the crew at the location of the down conductor will safeguard the public from encroaching upon the hazard by either “coning off” the immediate area, applying caution tape or, if necessary, remaining on-site and standing by the incident to protect the public. At no time should downed/low-hanging conductors be considered de-energized (only correctly installed grounds allow for downed/low-hanging conductors to be considered de-energized). Therefore, at all times, Survey Teams and Wire Watchers shall continue to maintain safe approach distances, and at no time, shall any conductors be moved.

The objectives of PSEG Long Island’s Wire Down Protocols include heightened tracking of wire down incidents, accurate reporting of the response time to wire down locations, and full documentation of the actions taken.

This document shall be revised every 1 year or incrementally as significant changes occur.

Response to downed wires is under the direction of the T&D Operations Branch Directors, for performing the initial investigation, and for clearing the hazard. Dispatchers within the Distribution Survey and Operations Control Divisions and T&D Crew Control Divisions will prioritize and sort reports for assignment. Dispatchers will determine the appropriate resources to be assigned to both evaluate and guard downed wires or make the incident safe.

When assigning/dispatching and responding/assessing wire down reports, the NYS DPS Wire Down Priority and Severity levels are utilized as a guideline. Reports of downed wires with the highest risk to public safety, based on comments received, are assigned higher priority.

In addition to performing damage assessment, Divisional Survey teams also respond to non-outage emergency jobs during restoration activations at the division level. These calls include wire downs, burning/sparking wire, pole damage, and miscellaneous emergency calls. These Survey teams are frequently able to close out trouble calls that do not involve PSEG Long Island facilities (i.e., telephone, cable, etc.), or arrange for Wire Watchers to stand by lower priority downed wires, thereby enabling them to continue performing damage assessment and for repair crews to focus on higher priority work.

Damage assessment and/or repair personnel are then dispatched from the division or dispatch area, through OMS, to assess and/or safeguard downed wire incidents, in priority order. Upon arrival at the location of a wire down report, and initial assessment of the situation, the severity of the situation will be determined. If necessary, the responder will either:

- Make the situation safe, so that wire is not a risk to the general public in the area
- Standby the location, until relieved, or until the situation is made safe by a qualified crew

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Notification of a wire down by a 911 agency that involves a hazard, such as a fire or situation where individuals are trapped by a downed wire, will result in the immediate dispatch of an Overhead Line Crew to the incident. Remaining wire down reports are then assigned to damage assessment and/or repair personnel, according to the wire down PRIORITY, as referenced below (highest to lowest):

Priority:

- Priority 1 – (HIGHEST) Wire down reports, where it is indicated that the wire is burning, arcing/sparking, or an immediate hazard
 - Priority 2 – Relief of fire departments, police departments, or other municipal agencies that are standing by downed wires
 - Priority 3* – Report of electric wire down from an emergency organization:
 - Reported to be affecting traffic flow on a major public highway
 - Reported to be blocking/near a pedestrian walkway or driveway
 - Reported to be primary conductor
 - Reported to be secondary conductor
 - Priority 4 – Report of electric wire down from other sources:
 - Primary conductor is indicated
 - Secondary conductor is indicated
 - Priority 5 – (LOWEST) Report of wire down where type of wire is not indicated, and it appears the wire is not likely an electric conductor
- * Priority 3 includes reports from members of the 911 call center, police, fire, OEM (including EOC personnel), and municipal emergency managers.

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Damage assessment and/or repair personnel that are specifically dispatched to safeguard downed wire situations will drive to the location of the wire down report. After assessing the situation, they will determine the SEVERITY of the situation. SEVERITY is determined based on the following guidelines (highest to lowest):

Severity:

- Severity 1 – (HIGHEST) – Wire down conductor that poses a high risk to public safety, due to its location on a road or pedestrian-accessible area. These situations will require damage assessment and/or repair personnel to remain on-site and guard the wire until they can be relieved by a Wire Watcher or after a qualified employee or contractor has made the wire safe.
- Severity 2 – Wire down is a primary conductor, but is not on a main road or other easily accessible location. These situations will also require damage assessment and/or repair personnel to remain on-site until relieved by a Wire Watcher or the conductor can be verified de-energized by a qualified employee or contractor. Once the wire is known to be de-energized, the damage assessment and/or repair personnel will barricade or tape the area and then can move on to their next location.
- Severity 3 – Wire down is a secondary conductor. Damage assessment and/or repair personnel will attempt to notify nearby customers and will barricade/tape off the area to clearly distinguish the hazardous area. If the wire is either open wire secondary or triplex service cable that has an exposed end (wire is broken), damage assessment and/or repair personnel will remain on-site until relieved by a Wire Watcher or a qualified employee or contractor has verified that the wire is not energized.
- Severity 4 – (LOWEST) Wire down is not an electric conductor and is not in contact with an electrical conductor, but is instead phone, cable, or other communications property. If the situation is safe, damage assessment and/or repair personnel will inform their coordinator of this, and move on to the next order. Their coordinator may then provide this information to the appropriate company or liaison for communication to the responsible company.

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The Division Distribution Damage Assessment Coordinators, within the Distribution Survey and Operations Control Division, assign Wire Down Response/Standby Strike Teams (i.e., Wire Watchers) to replace Divisional Survey Teams, when appropriate, so that these Survey Teams are able to proceed to their next assignment. The Division Distribution Damage Assessment Coordinators also keep track of where Wire Watchers are standing by, and will provide relief, as needed.

All personnel called upon to standby downed wires during Condition III “Red” are trained in these Wire Down Protocols. Personnel working with energized conductors in making the area safe or completing service restoration will also have received proper training, prior to the event. Those not trained and qualified shall not work with energized equipment, or attempt to do any work outside of their qualifications and level of training.

It is recognized that during large-scale weather events, the number of internal resources that are trained and readily available is limited, and the demand could greatly exceed those available. In these situations, PSEG Long Island anticipates the need for significantly more wire watch personnel, depending on the impact of the storm, and may contract for additional wire watch resources. Therefore, it is critical to address the reporting of down wires, in the priority outlined in this protocol, and to efficiently utilize the available Survey Teams and Wire Watchers.

13.1.4 Make Safe to Clear (MSTC) Protocols

PSEG Long Island recognizes the importance of clearing emergency evacuation routes and main thoroughfares, after major storm events, and understands the key role they play in helping to make areas safe to clear by de-energizing and/or removing downed electrical wires that may be blocking roads or entangled in downed trees or roadway debris. Accordingly, once a major storm has passed, and it is safe to commence the restoration process, PSEG Long Island will often deploy MSTC Teams to work with requesting municipalities.

These PSEG Long Island MSTC Teams work cooperatively with the respective municipality’s DPW Crews to “make safe” downed wires, so that trees and other debris that are blocking major roads may be safely cleared by the DPW Crews. As resources are limited, they will be deployed, in accordance with the severity of damage experienced by the various requesting entities, and the resources available for deployment.

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These teams are comprised of trained high voltage linemen that have the proper skill sets to cut, clear, and/or de-energize downed wires, so that municipal DPW Crews can then safely remove downed trees and other debris from the roadways. By doing this, the DPW Crews can re-open key arteries that have become impassible during the storm event. PSEG Long Island MSTC Crews are not equipped to perform debris removal, which remains the responsibility of the requesting municipality.

Given the specialized skill sets of these MSTC Teams, as soon as the initial focus on road clearance of major thoroughfares has diminished, it is imperative that these crews be redeployed back into the utility to address activities directly related to the primary mission of PSEG Long Island. Consequently, these MSTC Teams will not engage in activities related to the clearing of secondary roads, individual properties, etc., and it is envisioned that they will only be assigned to work with the municipalities to clear blocked priority roadways for at most a 48 to 72 hour period, immediately following the storm.

As previously discussed in Section 13.1.3, to address efforts related to “wire down”/ “make safe” issues not covered by these assigned resources, PSEG Long Island has a parallel process in place whereby resources are dispatched through its operating divisions across Long Island, in response to requests received for such assistance. In these cases, resources are dispatched on a job-by-job basis, in direct response to the trouble calls received. There exists a clear delineation of transition between “dispatch” and “dedicated” resources and/or a “hybrid” model and the chosen approach is often dictated by storm conditions (dispatched vs. dedicated vs. hybrid).

Again, during large-scale weather events, the number of internal resources that are trained and readily available is limited, and the demand could greatly exceed those available. In these situations, PSEG Long Island anticipates the need for additional MSTC personnel, depending on the impact of the storm, and may contract for additional MSTC resources, or may reassign other available internal resources to support these activities and backfill their roles with additional contractor support. Therefore, it is critical to address blocked roadways, in the priority outlined in this protocol, and to efficiently utilize the available MSTC Teams.

This document shall be revised every 1 year or incrementally as significant changes occur.

13.2 System Headquarters Procedures

13.2.1 Key Actions and Responsibilities

The System Headquarters section encompasses those actions that are undertaken at the PSEG Long Island Corporate Operating Headquarters, in anticipation of, and following, the declaration of Condition III “Red”. Once Condition III “Red” has been declared, the PSEG Long Island T&D Operations VP, assuming the role of Incident Commander, and the T&D System Operations Senior Manager, assuming the role of Operations Section Chief, are responsible for command and control. The Incident Commander sets the incident objectives, strategies, and priorities, and has overall responsibility for the incident. The Operations Section Chief establishes the tactics to achieve the incident objectives and directs all operational resources.

Simultaneously, the Division Managers, Electric West and East assume the roles of T&D Operations West and East Branch Directors, respectively. The Transmission Operations Manager assumes the role of Transmission Survey & Operations Control Group Supervisor, and the Vegetation Management Manager assumes the role of Line Clearance Group Supervisor. Both the Branch Directors and the Group Supervisors implement the operational tactics necessary to achieve the incident objectives.

13.2.2 Mobilization of Personnel

13.2.2.1 Local Resources

The Incident Commander has overall responsibility for notifying the Command Staff segment of the Restoration Organization, including the SHE Officer, the Legal Officer, the Liaison Officer, and the PIO. The Incident Commander may also activate other roles necessary to serve the response, based on incident developments. Upon notification, the Command Staff Officers subsequently notify and mobilize the personnel from their respective elements, and direct them to initiate their emergency restoration callouts.

The Operations Section Chief is responsible for notifying the remaining General Staff segment of the restoration organization, including the Planning Section Chief, Logistics Section Chief, and the Finance/Administration Section Chief. Upon notification, the General Staff Section Chiefs subsequently notify and mobilize the personnel from their respective sections, and direct them to initiate their emergency restoration callouts.

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In addition, the Operations Section Chief makes notification to the T&D Operations Branch Directors, the Line Clearance and Transmission Survey and Operations Control Group Supervisors, and the Foreign Crew Processing Area Manager. Upon notification, these elements subsequently notify and mobilize the personnel from their respective branches, groups, and areas, and direct them to initiate their emergency restoration callouts.

The T&D Operations Branch Directors have responsibility for making notifications to the T&D Operations Branch portions of the restoration organization in their respective geographic territories. The Distribution Survey and Operations Control Division Supervisors (Distribution Operations Division Managers) are responsible for notifications to, and mobilization of, division personnel required for survey and operations control of the distribution system, commensurate with the size, scale, and complexity of the emergency. The T&D Crew Control Division Supervisors (OH/UG Lines Division Managers) are responsible for notifications to, and mobilization of, division personnel required for crew control, commensurate with the size, scale, and complexity of the emergency.

The Transmission Survey and Operations Control Group Supervisor (Transmission System Operations Manager) is responsible for making notifications to, and mobilizing personnel required for survey and operations control of, the transmission system, commensurate with the size, scale, and complexity of the emergency.

The Line Clearance Group Supervisor (Vegetation Management Manager) is responsible for making notifications to, and mobilizing personnel required for line clearance operations, commensurate with the size, scale, and complexity of the emergency.

The Foreign Crew Processing Area Manager is responsible for making notifications to, and mobilizing personnel required for the activation and operation of the FCP Area, commensurate with the size, scale, and complexity of the emergency.

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13.2.2.2 Foreign Crews

The mustering and assignment of crews is a vital part of the restoration process. PSEG Long Island can call on several sources of manpower to perform restoration work depending on the severity of the storm including:

- PSEG Long Island
 - Electric Servicemen (One-Person Crews)
 - High Voltage Overhead Line Crews
 - High Voltage Underground Splicing Crews
 - Low Voltage Two-Man Makeup Crews (Various departments)
 - Contractor – High and Low Voltage Crews
 - Contractor Tree Crews
 - Damage Assessment Teams
- Foreign Utility
 - High and Low Voltage Crews
 - Damage Assessment Teams
- Contractor
 - High and Low Voltage Crews
 - Line Clearance Crews
 - Crew Guides
 - Damage Assessment Teams
 - Wire Watcher Teams

The T&D Electric Operations West and East Departments are routinely engaged, on a continuing basis, in the type of work necessary to restore electric service. Traditional lines of communication exist between these departments that facilitate, to whatever degree necessary, the coordination of PSEG Long Island and regular contractor work forces, in all conditions of readiness.

Distribution Operations and OH/UG Lines management personnel are located adjacent to each other, at the divisional level, thereby enhancing interaction and direction of the restoration effort.

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While all storms require the use of PSEG Long Island Crews, and routinely PSEG Long Island Contractor Crews for restoration activities, Condition III “Red” events require supplemental help by Foreign Utility and Foreign Contractor Crews. PSEG Long Island is highly dependent on help from other utilities and contractors to address and respond to massive damage caused by major storms. Restoration events in adjacent service territories or other parts of the country may influence the availability of line workers, tree trim resources, and other support personnel, as well as accessibility to our logistics support contractors, and the timing of when such resources become available.

Mutual assistance is an essential part of the electric power industry’s service restoration process and contingency planning. Created decades ago, the current mutual assistance process works well following regional outage events during which individual utilities or Regional Mutual Assistance Groups (RMAGs) play a key role in enabling a successful response. Foreign Utility Crews and Contractor Crews are utilized via the EEI Mutual Assistance Agreement to augment PSEG Long Island repair forces under the ERP.

1) PSE&G New Jersey Coordination

As part of this process, PSEG Long Island also coordinates with PSE&G New Jersey regarding the mobilization and sharing of available operations, communications, and logistics resources to support restoration efforts on Long Island and in the Rockaways. A formal process to provide assistance between the two companies in the form of personnel, equipment, material, and other key resources has been developed. Resource needs have been pre-identified, quantified, and categorized for storm events of various scales. Availability of resources is contingent upon the scope of the storm and the area(s) impacted.

2) Mutual Assistance Requests

a) Guidelines

When preliminary damage assessment indicates that the restoration effort is expected to exceed 48 hours using only PSEG Long Island Crews and regular Contractors, consideration is given to obtaining Foreign Crew support. The PSEG Long Island President and COO, or their designee, is responsible for making the decision to request outside Line and/or Tree Crew assistance. An immediate commitment to proceed with obtaining personnel is often required to allow for the securitization of resources in a resource-constrained and high demand environment.

Depending upon the number of crews requested, and the number of utilities seeking assistance, the Operations Section Chief will direct the FCP area to prepare for the arrival of outside Line and Tree Crew assistance. This unit is responsible for the processing of Foreign Crews, at an FCP site.

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b) Agreements

i) North Atlantic Mutual Assistance Group (NAMAG) Coordination

PSEG Long Island requests outside assistance from Foreign Utility, Contractor Line, Tree Crews, damage assessors, and wire watchers through participation in the NAMAG. Please refer to Appendix G for the full NAMAG Agreement. As warranted, the Incident Commander may initiate actions to secure additional support available through municipal utilities.

ii) National Response Event (NRE)

Given the increasing frequency and severity of storms in the United States, competition for resources and ever-increasing expectations regarding restoration activities, the electric power industry has recognized the value of enhancing the mutual assistance process to scale it to a national level. During a significant outage event, a more efficient resource allocation will further improve public safety, accelerate restoration, and reduce potential economic consequences. This enhanced coordination also provides the means for a more equitable allocation of resources aligned with damage experienced.

An industry-wide NRE is a natural or man-made event that is forecasted to cause, or that causes, widespread power outages impacting a significant population or several regions across the U.S., and requires resources from multiple RMAGs.

A requesting utility's Chief Executive Officer (CEO), or a designated officer, from an EEI member utility, may initiate the NRE process if, and/or when, multiple RMAGs cannot adequately support the resource requirements of the requesting utilities.

NRE Activation Criteria:

The request for activating the NRE should meet any of the following criteria regarding the actual/forecasted event:

- The event is expected to, or has impacted, two or more RMAGs
- The resource requirements are greater than what the impacted RMAGs can offer
- There are multiple events that create a resource constraint or competition between RMAGs

NRE Resource Allocation:

When an NRE is declared, all available emergency restoration resources (including contractors) will be pooled and allocated to participating utilities in a safe, efficient, transparent, and equitable manner, without regard to RMAG affiliation. Resource allocation in regional events will continue to be managed through the existing RMAG processes.

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During a declared NRE event, resources will be allocated to requesting utilities based on the following criteria:

- Pre-event – Allocation is proportional to the utility request for pre-staging, and involves the “initial wave” of resources, unless broader mobilization is required per National Mutual Assistance Resource Team (NMART) and National Response Executive Committee (NREC)
- Intra-event – Weighted average of customer outages and damage locations relative to all requesting utilities:

60% portion of customer outages relative to all requesting utilities

40% portion of trouble spots relative to all requesting utilities

The same breakdown is used to allocate Line Crews, Tree Crews, Damage Assessment Teams, and other types of storm support resources.

iii) New York State Public/Private Utility Mutual Assistance Protocol Coordination

The New York Public/Private Utility Mutual Assistance Protocol is an outline of general principles and practices for the NYS utilities to follow, enabling them to leverage a public/private partnership among the utilities within NYS. This provides access to critical resources to facilitate and expedite utility restoration following an emergency impacting the customers and visitors of NYS.

The foundation of this protocol draws upon the concepts, which have been utilized by members of, but not limited to, the NAMAG and New England Public Power Association (NEPPA) mutual assistance programs. This protocol is intended to be flexible in every respect, since it is not possible to predict exactly what the nature or scope of an emergency will be. It is flexible in allowing individuals in command to call upon further reserves of personnel, supplies, equipment, and space as required, but in an organized, documented, and logical manner.

In instances where PSEG Long Island requests mutual assistance through the NAMAG process, a formal notification will be made to the member organizations (New York Association of Public Power (NYAPP) and Municipal Electric Utilities Association (MEUA) of NY) that the NAMAG process has been enacted and that mutual assistance may be requested from the municipalities and electric cooperatives. This protocol is not intended to usurp any organization’s primary means of securing additional assistance, rather to provide a supplemental source of additional potential resources within NYS.

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c) Call-up Thresholds (Resource Matrices)

The number of crews required and the approximate duration of their needs shall be determined jointly by the PSEG Long Island Incident Commander and the Operations Section Chief.

Tropical Cyclone Resource Matrix Guide:

PSEG Long Island has developed a Tropical Cyclone Resource Matrix Guide, which is used as a guide to aid the Incident Commander and the Operations Section Chief in making the determination of the appropriate number of Foreign Utility and Contractor Crews. This matrix can be seen in Appendix J, an example of which is illustrated in Figure 13.1. The matrix provides time-measured decision points, commencing at 96 hours prior to the anticipated impact of the storm, for the initiation of commitment to crewing, and the initiation of contracted third party vendor assistance for staging areas.

| Category 4 Hurricane | | | | |
|----------------------|---|---|--|---|
| | H-96 hours | H-72 hours | H-48 hours | H-24 hours |
| Category 3 Hurricane | | | | |
| | H-96 hours | H-72 hours | H-48 hours | H-24 hours |
| Category 2 Hurricane | | | | |
| | H-96 hours | H-72 hours | H-48 hours | H-24 hours |
| Category 1 Hurricane | | | | |
| | H-96 hours | H-72 hours | H-48 hours | H-24 hours |
| Tropical Storm | | | | |
| | H-96 hours | H-72 hours | H-48 hours | H-24 hours |
| High Probability | Commit to Crews: No Check Hotel Availability: Yes Mobilize Base Camps: On Hold Mobilize Staging Areas: On Hold | Commit to Crews: Yes Reserve Lodging: 50% Crew Check Hotel Availability: Yes Mobilize Base Camps: On Hold Mobilize Staging Areas: On Hold | Commit to Crews: Yes Reserve Lodging: 100% Crew Check Hotel Availability: Yes Mobilize Base Camps: Balance Mobilize Staging Areas: On Hold | Reserve Lodging for full or near range Re-evaluate assessment decisions regarding escalation or de-escalation authorization of Staging Areas |
| Medium Probability | Commit to Crews: No Check Hotel Availability: No Mobilize Base Camps: On Hold Mobilize Staging Areas: On Hold | Commit to Crews: No Reserve Lodging: 50% Crew Check Hotel Availability: Yes Mobilize Base Camps: On Hold Mobilize Staging Areas: On Hold | Commit to Crews: Yes Reserve Lodging: 50% Crew Check Hotel Availability: Yes Mobilize Base Camps: On Hold Mobilize Staging Areas: On Hold | Re-evaluate assessment decisions regarding escalation or de-escalation |
| Low Probability | Commit to Crews: No Check Hotel Availability: No Mobilize Base Camps: On Hold Mobilize Staging Areas: On Hold | Commit to Crews: No Check Hotel Availability: No Mobilize Base Camps: On Hold Mobilize Staging Areas: On Hold | Commit to Crews: No Check Hotel Availability: Yes Reserve Lodging: No Mobilize Base Camps: On Hold Mobilize Staging Areas: On Hold | Commit to Crews: No Reserve Lodging: No Check Hotel Availability: Yes Mobilize Base Camps: On Hold Mobilize Staging Areas: On Hold |

Figure 13.1 – Tropical Cyclone Resource Matrix Guide

The matrices span events from tropical storms through Category 4 hurricanes, and take into account two variables, as it relates to the service territory:

- Probability of the centerline of the error-swath cone
- Probability of those intensities of sustained wind speeds being experienced

This document shall be reviewed every **1** year or incrementally as significant changes occur.

As wind speed forecasts and probabilities increase, and approach the next level, consideration is given to escalating to the next level of the matrix. Long duration wind events may also prompt escalation to the next level of the matrix.

The initial number of Foreign Crews requested is based on the appropriate matrix and adjusted to account for other factors, such as weather duration, wind speed, expected accumulation of ice, etc. The number of crews will be adjusted resulting from the extent of damage suggested by the lockout information, and as field damage assessment proceeds and additional intelligence is gathered. Based on the severity of damage and the number of incidents, additional manpower may be mobilized. These include damage assessors, wire watchers, and flood assessment personnel.

d) Action Plan

As Foreign Crews begin to arrive, they are initially received at a Foreign Crew Reception Center. Here, they are processed into the system, in an efficient and orderly manner, by the FCP organization. FCP includes the following:

- Verification of crew numbers, members, and vehicles
- Assignment of Crew Guide
- Participation in a safety briefing
- Dissemination of information specific to the PSEG Long Island T&D system and restoration process
- Distribution of restoration material kits
- Vehicle refueling
- Assignment of lodging

Processing in this manner minimizes the number of issues that may occur, during the duration of their stay, as well as when reconciling utility and contractor invoicing, post-event.

Once Foreign Crews are processed, they are allocated to divisions in “area” control, and subsequently, to remote dispatch areas in “local” control, as appropriate. The assignment to divisions and/or dispatch areas is based on the severity of the damage sustained in the locality, and the effect on Critical Facilities. Please refer to Section 13.3.4 of the ERP for additional information regarding this activity.

13.2.2.3 Company Retirees

When the skills and knowledge of retirees are necessary to provide support in such areas as Operations, Planning, Logistics, Finance, etc., they are engaged as contractors, via a third party vendor.

Once a Section Chief or Command Staff Officer has determined that there is a need for retiree assistance, the Planning Section Chief is contacted, in advance of obtaining retirees, to discuss their specific requirements. The Planning Section Chief will notify the Resource Coordination Unit Leader that retirees are being engaged. The Resource Coordination Unit Leader will engage the Human Resources Unit Leader for assistance in contacting retirees, and handling the administrative details of their employment arrangements.

13.2.2.4 National Guard

The NYS National Guard Support Program provides for power restoration support from National Guard personnel when a catastrophic event occurs, and the customary sources of supplemental personnel, such as mutual assistance, contractors, or internal staff cannot provide adequate personnel to address needs.

In order for the NYS National Guard to be available for deployment, the Governor of the State of New York must declare a "State of Emergency." The request and deployment process could take days before support arrives. In addition, total deployment time (including deployment and demobilization time) should be less than ten to fourteen days.

As warranted and available, the Incident Commander may initiate actions to secure additional support available through the National Guard.

National Guard Capabilities and Power Restoration Roles:

The National Guard is frequently called on to conduct disaster response and domestic emergency missions. These missions are a specific subset of the National Guard Civil Support (NGCS) mission area. NYS National Guard forces can provide surge logistics, transportation, communication assistance, and general-purpose capability to areas identified by the NYS OEM to supplement company emergency response to expedite power restoration during the initial response to an incident. If National Guard Domestic Operations (NGDO) resources are deemed necessary, the following is a summary of roles that they could fulfill:

- 1) Public Safety
 - a) Wire guarding for down wires
 - b) Flagging for traffic control
- 2) Logistics Support
 - a) Points of Distribution – including transportation and distribution of dry ice, wet ice, or water to citizens without power
 - b) Fueling – delivery of fuel to vehicles and equipment engaged in power restoration work
 - c) Lighting – delivery and operation of portable light towers to support restoration crews (The National Guard has only a limited number of portable light towers that they can bring with them, but they can operate, transport, and refuel any light towers provided to them by the company, Mutual Assistance Crews, contractors, or equipment rental companies)
- 3) Emergency Transportation
 - a) Short-haul transport of cargo or materials from staging areas to point-of-repair locations
 - b) High-axle transport of Damage Assessment Teams or Restoration Crews
 - c) Aerial assessments (only as “lift of opportunity,” when combined with an existing National Guard mission); should National Guard assets be utilized for aerial patrols, National Guard pilots will be required to attend PSEG Long Island training to ensure compliance with internal safety requirements
- 4) Communications Support
 - a) Provide assistance with temporary communications in critical areas

Tree and debris clearance, while a high priority in power restoration operations, is an activity that crosses multiple response efforts, and is not work that National Guard personnel will perform.

Requesting National Guard Support

The PSEG Long Island Incident Commander will determine whether it is necessary to request National Guard support. If PSEG Long Island determines that it is necessary, the request shall be submitted to the NYS DPS Emergency Manager by the Planning Section Chief, utilizing the National Guard Request Form (see Appendix I). Requests submitted in this manner ensure that all required information, associated with the request, has been considered and provided, including where possible, pre-scripted mission sets.

Requests from all NYS electric utilities are then coordinated and forwarded to the NYS Power Restoration Working Group for processing. The NYS Power Restoration Working Group will determine what resources are available for deployment. If the group determines that requests exceed available resources, they may request support from the National Guard from other states.

Deployment and On-boarding

All NYS National Guard personnel are deployed with general rules of engagement for civilian population. NYS National Guard personnel are self-sufficient with regard to food, water, and lodging. However, PSEG Long Island will provide National Guard personnel with any PPE required to perform a particular job that is not part of National Guard “standard-issue” PPE. National Guard Standard Operating Procedures (SOPs) already delineate that they should typically be outfitted with:

- Eye or face protection
- Head protection
- Hand protection
- Foot protection

In addition, National Guard personnel, upon assignment, will be provided training that will include a job briefing, and, if necessary, on-the-job training. Once National Guard personnel arrive on property, PSEG Long Island will provide “Just-In-Time” training to perform all requested mission sets. Training for National Guard personnel performing wire guarding, flagging, or other work needing such training, may be performed at the jobsite, at a staging site or base camp, or at a training facility.

PSEG Long Island will coordinate with National Guard local leadership to create job aids, which will be provided to National Guard personnel. These job aids may contain information such as safety instructions, job instructions, contact names, phone numbers and addresses, etc.

Disaster response and domestic emergency missions have distinct characteristics and traits from the other missions in the NGCS mission area. The focus of these missions is usually on providing humanitarian support and no threat or hostility is normally anticipated.

While some generalized deliberate planning and preparation is possible, conditions often dictate an immediate response is required, with minimal preparation or planning time available. While some specialized National Guard units and capabilities are utilized for disaster response and domestic emergency missions, normally the bulk of the forces and units employed are general-purpose forces.

13.2.3 Operational Coordination with Other Utilities

13.2.3.1 Guidelines

Working arrangements have been established between PSEG Long Island and other utilities (TelCo, CATVCo, GasCo, etc.) that operate within Long Island and the Rockaways to facilitate a coordinated response during major storms or other system emergencies. The objective of these arrangements is to enable a safe and efficient coordinated response to the benefit of the customers served by each utility. Efforts include the sharing of information and resources to enhance situational awareness and enable the betterment of each individual utility's emergency restoration response.

PSEG Long Island conducts operational meetings with these companies to update procedures and review working arrangements between organizations, during emergency restoration efforts. These meetings, arranged by EP and Major Accounts, also discuss the placement of their respective liaisons in PSEG Long Island Divisional Operations Headquarters.

There is no formal joint operational restoration arrangement between PSEG Long Island and wireless telecommunication providers. Both before and during major events, all coordination with wireless telecommunication providers is performed by the Large Customer & Customer Relations Group of the Communications Organization, and is outlined in Chapter 12 – Communications Protocols.

This document shall be reviewed every **1** year or incrementally as significant changes occur.

13.2.3.2 Activation Plan

The above utilities provide a list of Critical Facilities to PSEG Long Island annually (see Appendix D). Likewise, PSEG Long Island supplies the utilities with a list of their Critical Facilities. The lists of locations are reviewed by the companies, with the purpose of agreeing on restoration priorities, prior to implementation for a declared emergency event.

The PSEG Long Island Operations Section Chief notifies the appropriate TelCo, CATVCo, and/or GasCo executive that PSEG Long Island has declared Condition III “Red,” and that the Joint Restoration procedure is being implemented. The Operations Section Chief also requests that a TelCo, CATVCo, and/or GasCo representative report to its Hicksville Operations Center to review coordination, at both the division and substation levels.

Restoration information is openly shared at the system, division, and remote dispatch area level through the co-location of TelCo, CATVCo, and GasCo representatives at PSEG Long Island operational centers. This information can include:

- Distribution lockout status
- Areas restored
- Completed outage jobs
- Locations where PSEG Long Island facilities are interfering with TelCo or CATVCo restoration
- Locations where TelCo or CATVCo facilities are interfering with PSEG Long Island restoration
- PSEG Long Island facilities that are impacted due to a loss of telecommunication
- TelCo, CATVCo, or GasCo facilities that are impacted due to a loss of power
- Locations of TelCo/CATVCo generators

Joint work with telephone company line crews (i.e., TelCo assistance to set new poles) is coordinated between the PSEG Long Island T&D Crew Control Division Supervisors, or their designee, and the TelCo representative, co-located at the PSEG Long Island Division Operating Headquarters. If warranted, the representative may also assist in cases of failure of supervisory and voice telephone circuits leased by PSEG Long Island.

This document shall be reviewed every **1** year or incrementally as significant changes occur.

13.3 Division Headquarters Procedures

13.3.1 Key Actions and Responsibilities

The Division Headquarters Section details those actions that are undertaken at the four Division Operating Headquarters, in anticipation of, and following, the declaration of Condition III “Red.” Prior to the impact of a major storm, the Distribution Operations Division Managers are responsible for initiating a Pre-Storm Checklist. The Pre-Storm Checklist has been developed to assist the organization to check all items that are important, should a storm affect the service territory.

Once Condition III “Red” has been declared, the Distribution Operations Division Managers assume the role of Distribution Survey and Operations Control Division Supervisors. In turn, they notify the OH/UG Lines Division Managers, who assume the role of T&D Crew Control Division Supervisors, that the OH/UG Lines Console Operation and mobilization of the Two-Man Makeup Crew organization may be required to support the restoration effort.

Following the declaration of Condition III “Red,” the Distribution Survey and Operations Control Division Supervisors and the T&D Crew Control Division Supervisors are responsible for notifying and mobilizing their respective restoration organization, at the local division level and below, and directing them to initiate their Emergency Restoration callouts.

Simultaneously, the Distribution Survey and Operations Control Division Supervisors notify the Division Lead Router/Gater, the Division ETR Coordinator, the Division Distribution Automation (DA) Specialist, and the Division Primary Control Coordinator. The Division Primary Control Coordinator then notifies the Division Secondary Router/Gaters.

Upon notification by the Distribution Survey and Operations Control Division Supervisors of the declaration of Condition III “Red,” the Distribution Design Lead Engineers assume the role of Division Restoration Task Force Leaders, and notify the Division Mutual Assistance Coordinators (MACs) and the Division Distribution Damage Assessment Coordinators. The Division MACs then notify their Dispatch Area Task Force personnel, consisting of Dispatch Area Lead Coordinators, Dispatch Area Alternate Coordinators, Dispatch Area Tag Holders, and Dispatch Area Operators. Concurrently, the Division Distribution Damage Assessment Coordinators notify their Division Distribution Damage Assessment Operators, as well as all the Distribution Survey personnel assigned to their division. This divisional operations structure and reporting relationship is illustrated in Figure 13.2.

This document shall be reviewed every **1** year or incrementally as significant changes occur.

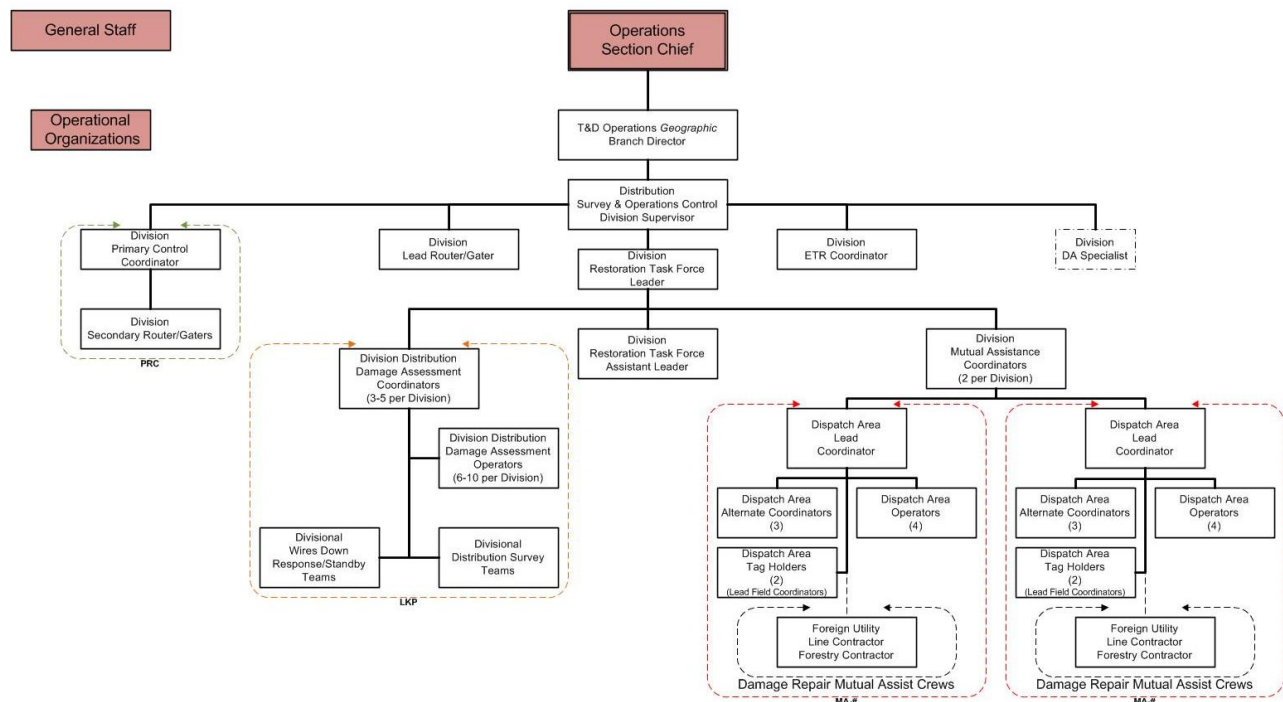


Figure 13.2 – Typical Divisional Operations Structure

Once the decision to decentralize operations has been made, the Distribution Survey and Operations Control Division Supervisors, along with the Division Restoration Task Force Leader, assign and brief the Dispatch Area Task Forces. Concurrently, the Division Restoration Task Force Leader briefs their Division MACs, who are located at the division console, and provides them a list of the Remote Dispatch Areas that will be activated along with the names of the assigned Dispatch Area Lead Coordinator, Dispatch Area Alternate Coordinators, Dispatch Area Tag Holders, and Dispatch Area Operators. Dispatch Area Task Forces report to their assigned location when weather conditions are safe to proceed.

13.3.2 Transmission Circuit Protocols

The first restoration priority in a storm is the transmission system. Following Condition III “Red” events, it is essential that the transmission system be returned to normal, as rapidly as possible, particularly those circuits that are causing substations to remain out of service. PSEG Long Island crews are assigned this task immediately.

Following the passing of a severe storm, an initial survey of the transmission system is accomplished by Divisional Transmission Survey Strike Teams, patrolling in vehicles, on foot, and/or by helicopter. The current model establishes 40 two-person Transmission Survey Strike Teams, system wide. Post-storm weather conditions may delay the dispatch of helicopters for use in patrolling the transmission system and, therefore, a sufficient number of teams are readily available to perform a ground patrol. At the direction of the Transmission Survey and Operations Control Group Supervisor, affected transmission circuits are patrolled, repaired, and reenergized.

13.3.3 Damage Assessment/Survey Protocols

Divisional damage assessment is performed in all areas regardless of whether divisional or Remote Dispatch Area control has been activated. The current model initially establishes 125 two-person Distribution Survey Strike Teams, system wide. The teams are largely resourced from trained PSEG Long Island personnel, and supplemented by contracted damage assessment personnel, as necessary. The Division Distribution Damage Assessment Coordinators and Division Distribution Damage Assessment Operators direct these teams and dispatch incidents to these teams, according to established priorities and locations.

A Survey Team consists of a minimum of two survey people, one who acts as a driver, whose primary responsibility is to operate the vehicle safely, while the second individual surveys the lines and equipment. Survey Teams complete a Storm Lookup Report, creating a record of all damage found at a specific location. This report provides documentation of damage for assigning Repair Crews, and allows for the damage to be entered as Field Reports into OMS.

When sufficient damage affecting the distribution facilities of several substations has occurred or is anticipated, the division implements Rapid Survey protocols. Rapid Survey is defined as a patrol of the main line 3-Phase distribution facilities that are locked out while control of the system is maintained by the T&D System Operations Department.

This document shall be reviewed every 1 year or incrementally as significant changes occur.

This is performed to provide an eyewitness report of damage to the Distribution Operations Department, which directs all restoration efforts. Rapid Survey is not 100% complete until all damage to facilities on locked-out distribution circuit 3-Phase mainlines and all unfused branch lines have been assessed.

Following the completion of Rapid Survey, a patrol of the remaining portions of the locked-out circuit (all fused branch line primary, secondary, and service facilities) may be initiated. Survey Teams assigned to a division are also dispatched to “known” incidents within OMS, dispatched to survey branch taps with unblown fuses associated with distribution circuit lockouts to determine if they must be opened prior to energizing mainline 3-Phase, or dispatched to reports of wire down with power.

Restoration Survey can also be implemented to provide the Dispatch Area the ability to restore a feeder on a “piece by piece” basis. Restoration Survey is defined as a patrol of all distribution facilities, from sectionalizing device to sectionalizing device, so that all damage between these sectionalizing devices can be identified, and systematic repairs made to energize sections of circuits.

During Restoration Survey, faults may be located that allow switching to be performed to restore undamaged portions of circuits. Restoration Survey is not 100% complete until all damage to facilities on locked-out distribution circuit 3-Phase mainlines and all unfused branch lines has been identified, followed by a complete patrol of the remaining portions of the locked-out circuit (all fused branch line primary, secondary, and service facilities). This enables the repair crews assigned to the Remote Dispatch Areas, to safely perform all repairs.

Survey Teams are always dispatched to reports of wire downs that have been reported by members of the 911 call center, police, fire, OEM (including EOC personnel), and municipal emergency managers. Once the report has been investigated by a Survey Team, a wire watcher may be sent to the location to relieve the team, allowing the team to continue conducting damage assessment.

This document shall be reviewed every 1 year or incrementally as significant changes occur.

13.3.4 Primary Control (PRC) Protocols

In most events, routing/gating decisions are made by the Division leadership in pre-storm meetings. Decisions include whether to send “wire down-lights on” incidents to Damage Assessment or “single no lights” incidents to Secondary/Service Crews. For major events, these decisions are based on the severity of damage and the location of the most severely impacted areas.

When activated, Primary Control (PRC) analyzes and prioritizes all outage incidents that have already been surveyed. They are responsible for reviewing all Field Reports associated with these jobs, prioritizing outage jobs, and creating corresponding work packets, which include a cover sheet, in addition to copies of all the Storm Look-up Reports.

Once PRC has created a prioritized work packet for the work, they “route” repair jobs, according to established priorities, to areas where a Remote Dispatch site has been deployed. It is recognized that at the initial onset of a storm event, jobs that may not have been surveyed, may bypass the damage assessment process and could be routed directly to a Remote Dispatch Area.

13.3.5 Area Control Protocols

The PSEG Long Island ERP is both flexible and scalable, based on the severity of the event. Under the current model, dispatch authority and configuration authority is typically maintained at the divisional level, but can be decentralized down to the distribution feeder circuit level, in whole or in part. This hybrid approach allows for centralized operations at the divisional level, while supplementing efforts at the more localized area or circuit level.

In the case of the latter, decentralized operation allows for closer alignment of resources to areas impacted by the most severe damage, in addition to providing flexibility and efficiency in damage assessment and the dispatch of repair crews. Local control out of select Remote Dispatch Areas is generally limited to areas where damage conditions are so extensive that outage analysis and crew control from the centralized division headquarters may no longer be practical.

If damage to the distribution facilities of one or more substations is severe and warrants the assignment of Foreign Crew resources under a Dispatch Area Task Force, the division may grant these areas either Remote Dispatch Authority (RDA) or Remote Configuration Authority (RCA), commonly known as “Local Control.” For further details on this aspect of restoration, see Section 13.4.2.

This document shall be reviewed every **1** year or incrementally as significant changes occur.

The designation of, staffing for, and operation within, a remote (non-centralized) OH/UG Lines storm console is identified as an Area Dispatch Authority (ADA). ADA is the process by which divisional dispatch consoles are supported through local console dispatch, and is implemented when off-island resources exceed dispatch capability of the existing OH/UG divisional consoles.

Locations utilized for the execution of ADA are generally established in existing operating facilities (satellite yards and/or substations) near damage sites. Other locations may be used, provided that the IT, radio, cell phone, and nearby mobilization areas are adequate.

| | DAMAGE ASSESSMENT <i>Performed by Division</i> | CREW DISPATCHING AUTHORITY | SYSTEM CONFIGURATION AUTHORITY | EMERGENCY SWITCHING |
|-------------------------------------|--|----------------------------------|--------------------------------------|--|
| AREA DISPATCH AUTHORITY (ADA) | Incident Based Survey | Yes | No | No (Branch line fuses <u>only</u>) |

Figure 13.3 – Area Dispatch Authority (ADA) Comparison

ADA is intended to be utilized to support significant Condition II “Blue” events, where decentralization down to the remote dispatch area level and the placement of these dispatch areas into RDA or RCA is not deemed necessary. Additionally, ADA may be utilized during some Condition III “Red” events to provide expanded capabilities of the organization to effectively manage additional repair resources when off-island resources exceed the dispatch capability of the existing OH/UG Lines divisional consoles. Operation and management of ADA is identical to that of storm console operation and management at the centralized storm consoles. Under ADA, the Division Distribution Control Center maintains configuration authority. The authority granted to an ADA is shown in Figure 13.3.

Decision to Decentralize:

Following the passing of the storm, the Distribution Survey and Operations Control Division Supervisors assess system outage status. This initial status, obtained from substation loss-of-supply and lockout information, will determine the geographic areas that may require deployment of a Dispatch Area Task Force.

The Distribution Survey and Operations Control Division Supervisors make the determination of which areas should be placed in ADA, RDA, or RCA. Areas from which the largest proportion of customer calls have been received, in addition to the physical facility of the remote site to support decentralization, are considered when determining which areas should be placed in ADA, RDA, or RCA.

Once the dispatch areas are active for one operational period, OMS can provide a quick ranking of the amount of damage being reported by the areas. From this information, further decisions can be made as to where additional available crews should be deployed and, therefore, which areas should be placed in, remain in, or be removed from ADA, RDA, or RCA. The number of crews assigned to each Dispatch Area is conditional on the amount and severity of damage, as well as the size of the territory to be covered.

13.4 Remote Dispatch Area Procedures

13.4.1 Key Actions and Responsibilities

The Remote Dispatch Area Section of the ERP identifies those procedures and actions that are undertaken by Dispatch Area Task Forces. A single Dispatch Area Task Force consists of a Dispatch Area Lead Coordinator, three Dispatch Area Alternate Coordinators, and four Dispatch Area Operators, plus two Dispatch Area Tag Holders (Lead Field Coordinators), reinforced by repair crews, who report to a remote dispatch area, following the declaration of Condition III “Red.” Dispatch Area Task Forces within the same division report up to a Division MAC.

Processes are implemented for operating as a decentralized dispatching unit, by directing Restoration Crews and tracking repairs, and, if implemented, a decentralized configuration authority, by performing emergency switching on the distribution system.

Similar to ADA, discussed in Section 13.3.5, locations utilized for the operation of Remote Dispatch Areas are generally established in existing operating facilities (satellite yards and substations) near damage sites. Other locations may be used provided that the IT, radio, cell phone, and mobilization areas are adequate. Multiple Dispatch Area Task Forces can be assigned to operate from the same physical remote dispatch area, but controlling different geographic territories.

Under the guidance of their Division MAC, the Dispatch Area Lead Coordinator is responsible for activating the remote dispatch area and directing repair crews, when their dispatch area is placed in RDA or RCA, commonly known as “Local Control.” Additionally, if RCA is granted, the Dispatch Area Lead Coordinator is responsible for assuming control for the operation of distribution sectionalizing devices and the distribution feeder breakers.

This document shall be reviewed every **1** year or incrementally as significant changes occur.

The Dispatch Area Task Force, under the direction of the Dispatch Area Lead Coordinator, is responsible for ensuring the entry of all data related to that remote dispatch area, including manpower, personnel attendance, and OMS inputs.

In summary, Dispatch Area Task Forces operate under their respective Division Headquarters, and report their restoration activities performed at the Remote Dispatch Area level to their respective Division MAC at Division Headquarters. All support functions (i.e., logistics, communications, etc.) are facilitated through the Division MAC.

13.4.2 Protocols for Decentralization

When outage analysis and crew control, from the centralized division headquarters, are no longer practical, or when off-island resources exceed the dispatch capability of the existing OH/UG Lines divisional consoles, or remote, non-centralized OH/UG Lines storm consoles (otherwise known as ADA), the decision will be made by the Operations Section Chief to decentralize further, by activating remote dispatch areas. These levels of decentralization are displayed in Figure 13.4.

| | DAMAGE ASSESSMENT <i>Performed by Division</i> | CREW DISPATCHING AUTHORITY | SYSTEM CONFIGURATION AUTHORITY | EMERGENCY SWITCHING |
|--|--|----------------------------------|--------------------------------------|--|
| REMOTE DISPATCH AUTHORITY (RDA) | Incident Based Survey | Yes | No | No (Branch line fuses <u>only</u>) |
| REMOTE CONFIGURATION AUTHORITY (RCA) | Rapid Survey or Restoration Survey | Yes | Yes | Yes |

Figure 13.4 – Remote Dispatch Area Decentralization Comparison

Remote dispatch areas that are granted either Dispatch Authority or Configuration Authority serve as compact geographic areas that are utilized as reporting locations for Foreign Crews. Grouping Foreign Crews from each company together within remote dispatch areas is desirable because it provides a means for their own supervision to maintain better crew control. Foreign Crews are only assigned to those areas that are under ADA, RDA, or RCA. However, dispatch areas are not placed under RDA or RCA until repair crews are available. PSEG Long Island crews may also be assigned to dispatch areas in RDA or RCA.

13.4.2.1 Remote Dispatch Authority (RDA) Protocols

RDA is the process whereby decentralized dispatching is supported through localized dispatch areas. RDA is implemented when off-island resources exceed dispatch capability of the existing OH/UG divisional or area consoles. RDA is established in existing operating facilities near damage locations.

The key to the success of RDA is establishing a “ring fence” around the areas for the dispatch operation to ensure multiple parties are not dispatching crews into the same area.

Under RDA, the Division Distribution Control Center maintains configuration authority, and performs all 3-Phase mainline model updates in OMS, while the Dispatch Area performs all branch line model updates.

13.4.2.2 Remote Configuration Authority (RCA) Protocols

Local Control of the restoration effort at the dispatch area level is desirable when extensive damage is experienced in an area, or when outside Utility Crews or outside Contractor Crews are brought in to assist. The Distribution Survey and Operations Control Division Supervisor delegates configuration authority, also known as “Local Control,” to the Dispatch Area Lead Coordinator, in order to expedite repairs and restore service, as rapidly as possible. Configuration authority is typically delegated on a feeder-by-feeder basis (i.e., “Feeder Control”), but may be delegated to an entire substation area, as deemed necessary by the Distribution Survey and Operations Control Division Supervisor.

When a Dispatch Area Lead Coordinator is delegated Local Control, they assume command of the feeder or area, including operation of distribution line sectionalizing devices and feeder breakers. In addition, the Dispatch Area Lead Coordinator must return control of the feeder breakers to the Transmission System Operator (TSO) at the end of each operational period, or when the area is demobilized.

Under RCA, the Division Distribution Control Center delegates configuration authority to the Dispatch Area. However, the Division Distribution Control Center maintains and performs all 3-Phase mainline model updates in OMS; the Dispatch Area continues to perform all branch line model updates in OMS.

13.4.2.3 Notification to Dispatch Area to Assume Dispatch Authority or Local Control

The T&D Operations Branch Directors notify the Distribution Survey and Operations Control Division Supervisors for Hewlett, Hicksville, Brentwood, and Riverhead, as to which areas in their respective divisions are to be placed into RDA or RCA, as well as the number of crews to be assigned to each dispatch area.

In turn, the Distribution Survey and Operations Control Division Supervisors notify the Division MACs, as to which of their dispatch areas are going to be placed into RDA or RCA. The number of crews assigned to each Dispatch Area is conditional on the amount and severity of damage, as well as the size of the territory to be covered.

Finally, each Division MAC then notifies their Dispatch Area Lead Coordinators to assume RDA or RCA, and conveys to them the number of crews their dispatch area will be receiving, as well as the expected arrival time of these resources. If the dispatch area has been placed in RCA, the Dispatch Area Lead Coordinator then contacts the TSO, and requests permission to take control of the distribution feeder breakers that have been delegated to them.

13.4.3 Emergency Switching

Under RCA only, the Dispatch Area Lead Coordinator is delegated configuration authority, which includes the authority to operate distribution system equipment/devices, consisting of substation distribution feeder breakers and distribution line sectionalizing switches. This is permitted so that restoration of service, to as many customers as possible, can be rapidly accomplished, in a safe and effective manner.

The Dispatch Area Lead Coordinator and Dispatch Area Tag Holder are expected to sectionalize the circuits under their control to restore service safely and expeditiously. The Dispatch Area Tag Holder must receive the appropriate "return of permission-to-work" from any workers who were granted permission-to-work. Under no circumstances can a Dispatch Area Tag Holder energize a section of line without clearing all Foreign Utility, Contractor, and PSEG Long Island Line and Tree Crews off of the line first. This is received at the end of the shift, or when all associated fieldwork has been completed.

13.5 Emergency De-energization and Re-energization Protocols Due to Flooding

13.5.1 De-energization and Re-energization of Local Areas

The actions and strategies described in this section apply to emergencies or electrical outages affecting multiple structures/areas, and are applicable to situations wider in scope than single-building emergencies, such as house fires, which are addressed under separate protocols. De-energization of an area may occur, if deemed necessary, by PSEG Long Island or by request from a municipality or local jurisdiction. Smaller scale localized incidents are responded to, on an individualized basis, and done so in coordination with the assistance of the affected local jurisdiction.

During major storm events, PSEG Long Island's Operation Section Chief, will determine if substations and/or areas need to be proactively de-energized, as a means to safeguard electric transmission, substation, or distribution system equipment, mitigating the impact of predicted or experienced storm surge and flooding.

In such cases, PSEG Long Island will utilize the Liaison Organization and associated mechanisms to notify the municipalities affected by the deenergization, and provide the rationale for the action. Notifications will be made via a PSEG Long Island EOC Representative or by a member of the PSEG Long Island Liaison Organization. PSEG Long Island's Distribution Operations Department will re-energize substations and/or areas, once deemed that conditions exist, where the substations and/or areas can be safely re-energized. As part of the process, the affected municipalities will be alerted, prior to re-energization.

Requests may also be made by municipalities/local jurisdictions to de-energize electric service to an area(s), in response to a mandatory evacuation order, to ensure public safety in advance of a major storm. In such cases, requests can be made, in writing, to PSEG Long Island's EP Department, via fax or e-mail, and should include marked maps of areas requested to be de-energized (see Figure 13.5). Such requests are to be coordinated through the county EOCs.

In addition, requests to de-energize an area can be made through the PSEG Long Island representative at an activated EOC, via the Municipal Hotline at the Customer Contact Center or through the PSEG Long Island Liaison Organization. In all cases, the aforementioned request form must be completed.

| MUNICIPAL REQUEST TO DE-ENERGIZE A PORTION OF THE LIPA ELECTRIC DISTRIBUTION SYSTEM | | | | | |
|---|--|---------------------|--|---------------------|--------|
| DATE: | | CONTACT INFORMATION | | | |
| Municipality: | | OFFICE: | | CELL: | |
| Municipal Representative: | | EMAIL: | | | |
| NORTH | | SOUTH | | CRITICAL FACILITIES | |
| | | | | Hospital | Yes No |
| | | | | Police | Yes No |
| | | | | Fire | Yes No |
| EAST | | WEST | | Water Supply | |
| | | | | Water Treatment | Yes No |
| | | | | Sewerage pump sta | Yes No |
| | | | | Other Medical Fac. | Yes No |
| | | | | School | Yes No |
| MAP ATTACHED? | | YES: | | NO: | |
| COMMENTS: | | | | | |

Figure 13.5 – Sample Municipal Area De-Energization Request Form

PSEG Long Island’s Communications Department shall, to the extent reasonably feasible under the circumstances, provide advance notice to those customers whose service will be interrupted, as a result of emergency steps to de-energize substations and/or areas. If advanced notification is not possible, PSEG Long Island will disconnect electrical service in accordance with 16 NYCRR § 13.13, “Disconnection without Notice.”

13.5.2 De-energization and Re-energization of Homes and Businesses Affected by Flooding

Large-scale storms are capable of producing widespread flooding affecting multiple towns, villages, and municipalities across Long Island and the Rockaways. Such flooding can cause power disruptions to homes and businesses, create conditions that make it unsafe to re-energize electric service, and at times, produce unsafe conditions that may require electrical power to be de-energized at a customer’s premises. In advance of a major storm that is anticipated to cause significant widespread multi-jurisdictional flooding, the Engineering Department, with the assistance of the Planning Section, will closely monitor the anticipated potential impact of forecasted flooding for a specific event.

In addition, PSEG Long Island will initiate discussions with the gas utility concerning their planned flood restoration response, up to five days prior to an event, with the potential for significant flood damage and/or impact. PSEG Long Island’s Communications Department will then proactively communicate with customers regarding steps required to re-energize homes/buildings, if such structures become de-energized due to flooding, or if disconnected by PSEG Long Island, due to safety concerns, given the field or equipment conditions observed.

This document shall be reviewed every 1 year or incrementally as significant changes occur.

Such communications are paramount to ensuring customers and key stakeholders are fully aware of the de-energization/re-energization requirements, and will help to avoid any undue confusion, allowing for the safe and efficient provision of electric service. Information regarding the process and required forms will be made available, year round, through the PSEG Long Island Storm Center web page.

To facilitate the process, PSEG Long Island has created a Flood Assessment Command Center, whose sole purpose is to coordinate all activities associated with flood damage assessment, disconnection, and reconnection of electrical service, in events where severe widespread multi-jurisdictional flooding is experienced (see Figure 13.6). In cases where flood damage is more localized, PSEG Long Island will work cooperatively with the affected local municipality and make resources available, as appropriate.

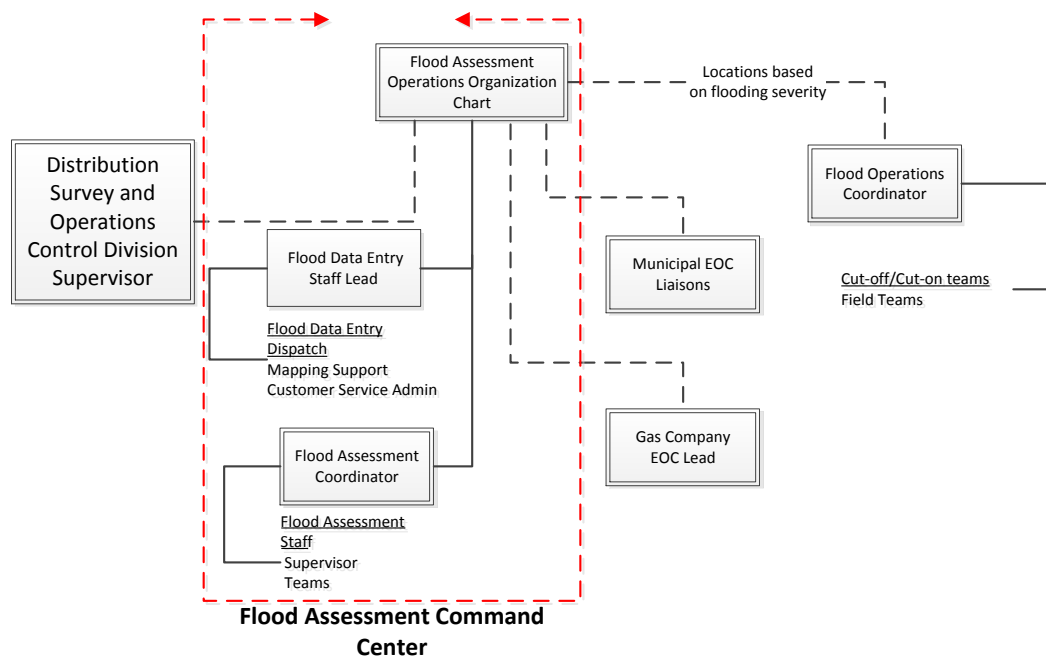


Figure 13.6 – Flood Assessment Operations Organizational Chart

In advance of the anticipated weather event, PSEG Long Island's Flood Assessment Operation Lead will review flood prediction maps prepared by weather services and/or other available data sources. This data will be used to ascertain areas likely to flood, and in turn, communicate with customers, municipal leaders, county and town EOCs, and other key stakeholders (i.e., Gas Utilities).

Once the storm has passed, and it is safe to deploy resources to the field, PSEG Long Island's Flood Assessment Operation Lead will make the appropriate resources available, in areas suspected of flooding, to perform a rapid assessment. PSEG Long Island flood assessors will make decisions regarding whether the home or business can be safely re-energized.

These assessments will be performed from outside the customer's home or business to quickly assess whether flooding may have adversely affected the meter, electrical panel, or intruded into the premises, thereby potentially damaging the electrical system within the structure and making it unsafe to re-energize.

In the course of conducting these assessments, or when isolating meters from the system during the restoration process, if obvious unsafe conditions caused by flooding are observed in a home or business that remained energized (i.e., water in electric meter), the affected home or business may then be pro-actively de-energized for safety reasons.

Figure 13.7 displays the PSEG Long Island flow chart that outlines the decision making process associated with determining whether a structure is safe to re-energize. Data collected through the assessment process will be utilized by PSEG Long Island Flood Assessment team members to determine whether the affected home or business is safe to re-energize.

In cases where PSEG Long Island determines that the structure is "unsafe," PSEG Long Island field personnel will isolate the affected premises from the electrical system by isolating the home or building's electrical meter or service wires. Unsafe conditions may include, but are not limited to, water intrusion to electrical meter, electrical panel, or electrical outlets/wiring.

This isolation process will allow PSEG Long Island to restore electrical service to any neighboring homes or businesses that may have not been adversely affected by flooding, as well as those made safe to re-energize without any unnecessary delay.

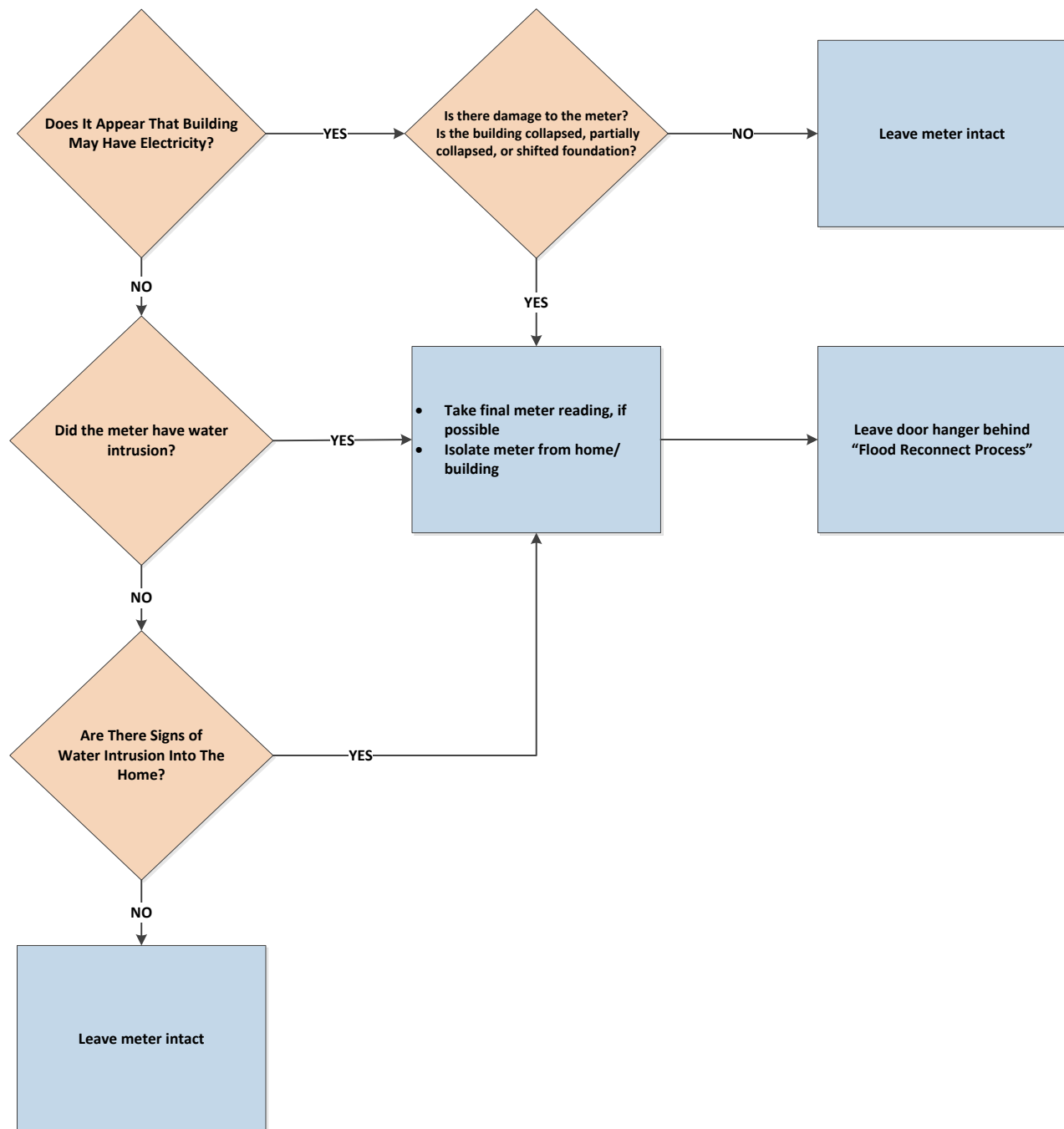


Figure 13.7 – Decision Matrix for Flooded Homes/Buildings

Customers occupying a home or business deemed “unsafe to re-energize,” will be informed, via a pamphlet (door hanger) that will be left at the premises by the PSEG Long Island resource deployed to the site to isolate the affected meter from the T&D system. This door hanger (see Figure 13.8) explains the potential reasons for de-energization, details the process for restoring electric service, and explains the steps required for re-energization.

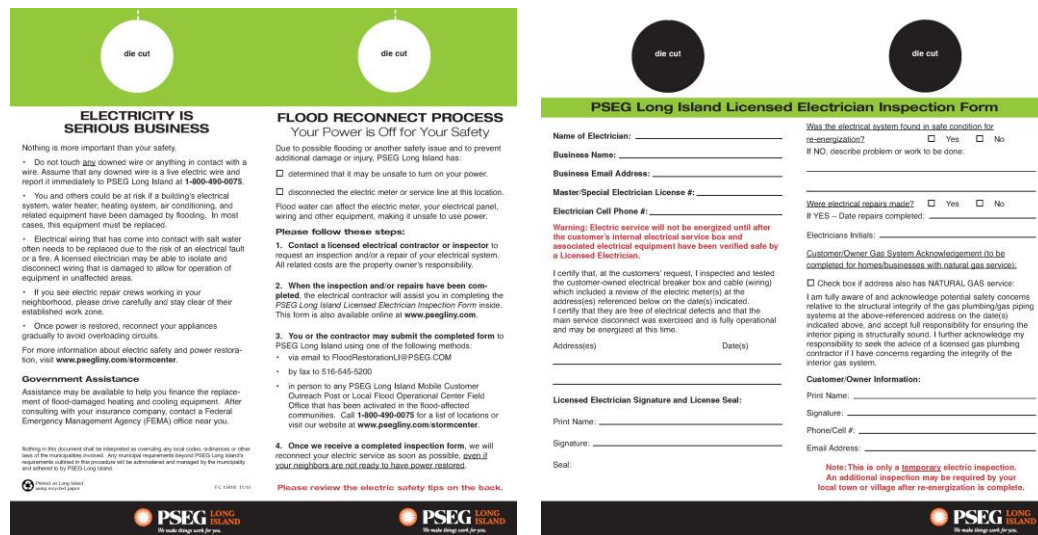


Figure 13.8 – Restoration of Electrical Service after Major Flooding

Additionally, PSEG Long Island's Communications Department will utilize various channels (website postings, social media, external communications, etc.) to communicate information regarding required forms. In such cases, prior to re-energization by PSEG Long Island, customers will be required to engage a licensed electrician to certify that the customer-owned electrical equipment has been inspected, tested, and/or repaired, and can be safely energized and operated.

In instances where the local jurisdiction or municipality may impose additional requirements for re-energization, beyond those outlined by PSEG Long Island, PSEG Long Island will abide by any such local codes and/or ordinances. PSEG Long Island will work with the local municipalities to create awareness of any such additional requirements (i.e., follow up documentation and/or inspection requirements beyond temporary authorization for re-energization). PSEG Long Island will forward all electrical inspection forms received from customers to the local jurisdiction or municipality.

An electrical inspection by a licensed electrician will be required before electric service can safely be restored. All inspections and/or repairs, including cost, are the property owner's responsibility. Licensed electricians/inspectors or customers will need to submit a completed "Licensed Electrician Inspection Form" to PSEG Long Island's Flood Task Force, prior to the restoration of electric service. Electrical Inspection Forms (see Figure 13.9) can be accessed on PSEG Long Island's website and other means identified by PSEG Long Island (i.e., local town hall, Mobile Customer Outreach Post, PSEG Long Island Customer Office, etc.). Completed Electrical Inspection forms can be e-mailed, faxed, or hand-delivered to any PSEG Long Island Customer Office or PSEG Long Island Mobile Customer Outreach Posts that are established to facilitate the restoration process in hardest hit flood areas.

Once customers acceptably submit the required form, PSEG Long Island's Flood Task Force will work directly with customers to reconnect electric service in a safe and timely manner. In addition, when PSEG Long Island's Flood Task Force receives the Licensed Electrical Inspection form, PSEG Long Island will notify the gas utility of homes that are approved for re-energization. This process will be coordinated to ensure safe and timely restoration of utility services.



PSEG Long Island Licensed Electrician Inspection Form

Name of Electrician Inspecting Location: _____

Business Name: _____

Business Email Address: _____

Master/Special Electrician License No.: _____

Electrician Cell Phone #: _____

Warning: Electric service will not be energized until after the customer's internal electrical service box and associated electrical equipment has been verified safe by a Licensed Electrician.

I certify that, at the customers' request, I inspected and tested the customer's owned electrical breaker box and cable (wiring) which included a review of the electric meter at the address referenced below on the date indicated. I certify that they are free of electrical defects and that the main service disconnect was exercised and is fully operational and may be energized at this time.

Customer Address

SEAL:

Licensed Electrician Signature and License Seal:

Print Name: _____

Signature: _____

Date: _____

Was the electric system found in safe condition for re-energization? Yes No If No, description of problem or work to be done:

Were electric repairs made? Yes No If yes, date when repairs made Elect. Initials

Customer/Owner Gas System Acknowledgement (to be completed for homes/businesses with gas service):

☐ Check box if address also has GAS service:

I am fully aware and acknowledge potential safety concerns relative to the structural integrity of the gas plumbing/gas piping systems at the above-referenced address on the date(s) indicated above, and accept full responsibility for ensuring the interior piping is structurally sound. I further acknowledge my responsibility to seek the advice of a licensed gas plumbing contractor if I have concerns regarding the integrity of the interior gas system.

Customer/Owner
(Print Name) _____

Signature: _____

Customer/Owner Phone/Cell #: _____

Date: _____

Customer/Owner email: _____

Note: This is only a temporary Electric inspection. An additional inspection may be required by your local town or village after re-energization is complete.

Figure 13.9 – Sample PSEG Long Island Licensed Electrician Inspection Form

NYS Code Enforcement Disaster Assistance Response (CEDAR) Teams

In the spirit of efficiency and cooperation, where conditions permit, PSEG Long Island will work closely with locally deployed NYS CEDAR teams to perform the aforementioned rapid assessments, leveraging a skilled resource that has been deployed to perform similar, but more comprehensive, assessments in these flooded areas.

CEDAR resources are essentially mutual assistance building inspectors and code enforcement professionals from across NYS that are requested by local towns and villages, though the Nassau and Suffolk EOCs, to assist with damage assessment in their storm ravaged areas.

In cases of such requests, county EOCs submit requests received from the various jurisdictions to the NYS OEM, who will then request the CEDAR resources to be activated and deployed to the local towns and villages requesting their assistance. Upon assignment, the local towns and villages assume responsibility for deploying the CEDAR resources to the local flooded areas to perform the desired assessments.

Recognizing that it is common practice for local towns/jurisdictions to request these resources, where appropriate, PSEG Long Island will closely coordinate with these deployed teams of code enforcement personnel to leverage information collected by these CEDAR resources. This is a means to assist with the process of determining whether the premises or area is safe to re-energize.

PSEG Long Island will coordinate with NYS CEDAR teams to obtain a copy of their completed assessment forms. This will be facilitated through the Nassau and Suffolk County EOCs, providing access to valuable data that will be utilized by PSEG Long Island to make the ultimate determination as to whether a structure is safe to re-energize. PSEG Long Island will maintain responsibility for determining what is safe or unsafe to re-energize, disconnect, or reconnect individual electric service to homes/buildings, as previously described.

This document shall be reviewed every **1** year or incrementally as significant changes occur.

New York City (NYC) Area

If major flooding occurs in the NYC area, PSEG Long Island's restoration personnel will work with the Department of Buildings in NYC to re-energize service to homes. Restoration of homes will begin only in areas deemed safe by the Department of Buildings. Once an area is deemed safe by NYC Department of Buildings to re-energize, PSEG Long Island's restoration personnel will work directly with customers affected by flooding to reconnect electric service in a safe and timely manner.

13.6 De-escalation Protocols

At the conclusion of major restoration efforts, and when the T&D Electric system is returned to "system normal" status, a comprehensive, territory-wide survey of the T&D system may be conducted. Efforts can range from a survey of the most severely damaged circuits, to a complete survey of the 3-Phase mainline, or a complete re-survey of the entire system. The purpose of such efforts is to identify and record any remaining substandard conditions so that appropriate corrective actions can be initiated.

Identified substandard conditions often include temporary repairs and equipment issues such as broken insulators, slack in primary/secondary lines, broken cross arms, wire off insulators, as well as areas requiring tree trim work or the removal of tree limbs resting on power lines that have not caused an interruption in electric service. In such instances, identified locations would then be prioritized and assigned for field correction. Efforts would also be made to identify, and make permanent, any temporary repairs performed during restoration operations.

As a result of these proactive efforts, the T&D system is reinforced and returned to its pre-storm configuration, helping to curtail post-storm interruptions that could have subsequently occurred as a result of existing damage or substandard conditions on the system.

14. PLANNING PROTOCOLS

Among the performance of other activities, the Planning Section serves as an information and resource hub during restoration events. The Planning Section is responsible for resource requests and the collection, evaluation, and dissemination of incident information. Additionally, this Section oversees employee and family assistance needs and ensures an orderly demobilization.

When activated, the Planning Section is managed by the Planning Section Chief, who is a member of the General Staff. The Planning Section is comprised of five primary units:

- 1) Situation Status
- 2) Resource Coordination
- 3) Documentation
- 4) Demobilization
- 5) Human Resources Unit

The five Planning Section units may include a number of Technical Specialists who assist in evaluating the situation and forecasting requirements for additional personnel and equipment. Technical Specialists may function within the Planning Section, or be assigned based on where their specialized knowledge and expertise are required.

14.1 Planning Section Chief

The Planning Section Chief oversees the five branches and their associated areas of responsibility within the Planning Section. Additional responsibilities for the Planning Section Chief will include:

- Manpower coordination
 - Mutual Assistance requests
 - North Atlantic Mutual Assistance Group (NAMAG)
 - Partner Utilities and contractors
 - NYS Public/Private partnership
 - Internal personnel (PSEG Long Island and PSE&G New Jersey)
 - Supplemental personnel requests and needs
- Agency and EOC coordination
- LIPA and DPS coordination
- RDA activation and coordination
- Restoration staffing levels
- ETR strategy
- Establishment of strategy, storm anticipation, and storm calls
- Coordination of specialized restoration resources and teams

14.2 Situation Status Unit**14.2.1 Situation Status**

The Situation Status Unit will oversee the preparation, posting, and dissemination of incident and/or event data including updates, briefs, notifications, and situation status reports. The Situation Status Unit oversees data collection and reporting for the following:

- Outage data
- Crew data
- ETR information
- DPS reporting
- Storm matrix
- Weather information
- Flood information
- Liaison activations
- General Situation Status reports

This document shall be reviewed every **1** year or incrementally as significant changes occur.

14.2.2 Reporting

Integrated with OMS, via real-time database connectivity, is a SAS reporting tool that provides both actionable real-time operational feedback and historical reporting. Its reporting functionality includes multiple delivery mechanisms, such as web, text, e-mail, FTPs, VA self-service Graphical User Interface (GUI), and iPad Mobile Application. This reporting infrastructure provides direct support across all components of the restoration organization, including Operations, Planning, Logistics, Finance, and Communications, as well as external agencies. The Situation Status Unit will coordinate all reporting requests.

Other reporting tools and/or sources will be employed for data that is not captured within SAS reports.

Figure 14.1 summarizes PSEG Long Island's current reporting capabilities.

| REPORT NAME | GENERATED BY | DATA SOURCE | FREQUENCY | AUDIENCE |
|---|-----------------------------|---|-----------------------|--|
| Outage Summary | Situation Status Unit Staff | SAS | On demand | Situation Status Unit Leader; Documentation Unit Leader |
| Foreign Crew | Situation Status Unit Staff | FCP Team | 3 times a day | Situation Status Unit Leader; Documentation Unit Leader |
| Manpower | Situation Status Unit Staff | Crew Composite Report | 3 times a day | Incident Commander; Planning Section Chief; Situation Status Unit Leader; Documentation Unit Leader |
| ETRs | Situation Status Unit Staff | Operations Section Chief; Division Supervisors | Once a day | PSEG Long Island Leadership; Municipal Liaisons |
| Storm Event Operations Matrix | Situation Status Unit Staff | Division Restoration Task Force Leader | Twice a day | Internal Stakeholders |
| Critical Facility / LSE Customer Report | Situation Status Unit Staff | SAS | 4 times a day | Situation Status Unit Leader |
| DPS Report (EORS) | Situation Status Unit Staff | SAS; Crew Composite Report | 4 times a day | Planning Section Chief; DPS |
| Muni Call Report | Situation Status Unit Staff | SAS; Crew Composite Report; Storm Call | On demand | Internal Stakeholders |
| Storm Accounting | Situation Status Unit Staff | SAS | Once for the storm | Internal Stakeholders; LIPA |

Figure 14.1 – Reporting Information Table

This document shall be reviewed every 1 year or incrementally as significant changes occur.

14.2.3 Coordination with Department of Public Service (DPS)

14.2.3.1 Guidelines

The Planning Section maintains relationships with the DPS, throughout the year and during emergencies. The Planning Section will provide updates on key restoration initiatives and plans to DPS, as conditions warrant. The Communications Organization oversees the DPS Hotline as detailed in Section 12.6.1. The Planning Section Chief coordinates with DPS as follows:

- Advising DPS Operations Section of PSEG Long Island's storm anticipation plans and/or status, as appropriate
- Maintaining ongoing communication with DPS staff, to respond promptly to requests for information

Concurrently, similar notifications are made to senior officials at LIPA.

14.2.3.2 Emergency Outage Reporting System (EORS) and Information Sharing with DPS

The EORS data sheet has been developed by the DPS staff to communicate electric outage data in a timely and consistent format. Information compiled in the reporting system is used by DPS to monitor utility progress, and to inform other agencies, including the NYS OEM, of response status.

Submission of data is required by all New York utilities whenever NYS OEM activates the NYS EOC, or as requested by the DPS Staff. The main components of the EORS Report include:

- Outage information
- Summary of restoration plans and major damage
- ETRs
- Crewing information on site and en-route
- Planned crew relocation and mutual assistance activity
- Listing of critical facilities and LSE customers affected
- Summary of dry ice/bottled water distribution activities
- Listing of any additional supplies or services being provided at Community Outreach sites

During any type of event, outage data and crew assignment data are to be submitted, as requested by DPS staff (usually at 7AM, 11AM, 3PM, and 7PM). Templates provided by DPS staff will be used to report information. The information is provided, via e-mail, during an event by the Situation Status Unit Staff. Concurrently, senior officials at LIPA are provided the information contained within the EORS reports. A sample EORS form has been provided in Appendix M.

Crew assignment data includes a breakdown of Company and Foreign (non-Company) Line Crews, as well as Tree and Service Crews utilized for response efforts by the company and operating division.

In addition, PSEG Long Island, together with other New York utilities, participates in an automated process that provides outage information to the DPS staff every 30 minutes, via an automatic data file transfer, throughout the year, as conditions warrant.

14.3 Resource Coordination Unit

The Resource Coordination Unit oversees the coordination of incident resources and restoration assignments. The Unit is broken down into two distinct functional areas:

- Resource Assignment
 - Storm assignments
 - Manpower data
- Resource Coordination
 - Utilities
 - Damage assessment
 - Flood assessment
 - MSTC

14.3.1 Resource Coordination

This Unit is responsible for maintaining the status of all deployed resources (primary and support) assigned to an incident. The Resource Coordination Unit makes certain that all assigned personnel have checked in at the incident. Physical resources consist of personnel or teams available for assignment to, or employment during, incidents.

For effective management of their deployment, committed and assigned resources must be categorized by capability and capacity across disciplines and tracked continuously as to their current location and status. The following tools are useful for maintaining an up-to-date and accurate picture of resource utilization:

- 1) Status Conditions - Tactical resources at an incident can have one of three status conditions:
 - a) Available resources are personnel or teams that have been deployed to an incident, and are ready for a specific work detail or function
 - b) Assigned resources are personnel or teams that have checked in and are currently supporting incident operations
 - c) Out-of-service resources are personnel or teams that have been assigned to an incident, but are unable to function due to rest, or personal reasons; or because their condition makes them unusable
- 2) Changes in Status – Resource status changes will be coordinated through the Resource Coordination Unit

This document shall be reviewed every **1** year or incrementally as significant changes occur.

14.3.2 Resource Assignment

A key component of PSEG Long Island's ability to successfully implement its ERP is the readiness of its employees to respond to an outage emergency. All PSEG Long Island employees are assigned a specific storm restoration assignment that they are required to fulfill when emergency conditions dictate. Weather Assessment and Damage Predictions and Emergency Classifications and Activations (correspondingly described in Chapter 4 and Chapter 5, respectively) determine the activation levels and the corresponding personnel needs.

While many PSEG Long Island employees currently play a role in daily operations functioning in traditional roles, others are shifted from their normal function to their storm support (non-traditional) role. These additional personnel resources help PSEG Long Island to better manage and respond to widespread outages and other system emergencies.

Storm assignments center on PSEG Long Island's three main emergency focus areas: Operations, Communications, and Logistics. Training is conducted on key storm restoration assignments throughout the year, with drills and exercises utilized to practice storm assignments. Please refer to Chapter 18 for more information on training, drills, and exercises.

PSEG Long Island's EP Department is responsible for administering and maintaining the readiness of personnel and tracking assignments through the company's storm assignment database, throughout the year. Upon hiring, all employees are provided a storm restoration assignment. These roles are determined by the employee's current functional skill set and PSEG Long Island's storm restoration needs. Where allowable, considerations are also given to the employees work or home location. Efforts are also made to align roles to the skill sets of assigned personnel, when possible.

Employees or their direct supervisors are notified, via e-mail and/or telephone, of their assigned restoration roles. The EP Department ensures employees are aware of their emergency assignment, responsibilities, and corresponding assigned restoration location. The EP Department also regularly verifies the required staffing levels for restoration efforts and adjusts manpower, as necessary.

Additionally, the EP Department sends out notifications to employees throughout the year, pertaining to storm restoration changes and/or updates. The EP Department also ensures that storm restoration roles and staffing levels are, at a minimum, updated semi-annually, and maintained throughout the year.

This document shall be reviewed every **1** year or incrementally as significant changes occur.

14.4 Documentation Unit

The Documentation Unit oversees the collection and archiving of incident and/or event data in support of restoration operations. This Unit is responsible for consolidating and publishing status updates provided on the restoration calls by key internal and external stakeholders into a Storm Call Notes Report. Figure 14.2 shows the information gathering organizations and restoration topics discussed on the call. This report is subsequently forwarded, via e-mail, to a preset distribution list as a means of consistent information sharing.

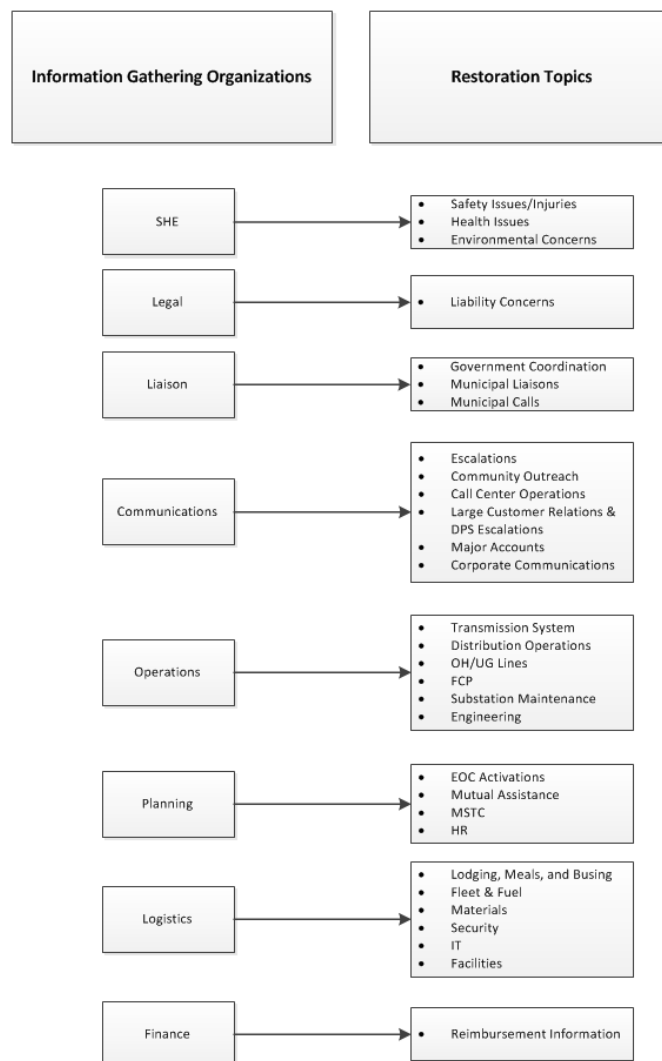


Figure 14.2 – Information Gathering and Restoration Topics

This document shall be reviewed every 1 year or incrementally as significant changes occur.

Additionally, the Documentation Unit will distribute, collect, and retain pre-storm restoration checklists. Pre-storm checklists have been developed for key restoration positions and include position-based action items and associated timeframes for completion (often beginning 72 hours in advance of the storm). Pre-established checklists provide continuity between events and provide a position guideline when restoration assignments change. Checklists are distributed pre-storm, collected post-event, and stored so as to document that all necessary actions were executed.

14.5 Human Resources Unit

The Human Resources Unit oversees resource support initiatives relative to restoration personnel, including employee lodging, family assistance, and/or labor relations.

The Human Resources Unit is broken up into three components:

- Employee Lodging Resource Group
 - This group coordinates employee lodging assistance, when conditions warrant accommodations (i.e., safety concerns and/or operational readiness). The Employee Lodging Resource Group will work with the Logistics Organization to coordinate housing requests of PSEG Long Island employees, based upon availability and need.
- Employee and Family Assistance Group
 - This group coordinates employee and family assistance based upon event conditions and need. Coordination can include, but is not limited to, assistance with housing, transportation, and/or family support concerns. The group also coordinates employee and family assistance initiatives with external stakeholders and/or agency representatives, as needed.
- Labor and Employee Relations
 - The Labor and Employee Relations Group establishes and maintains on-going communications with Union Leadership. This group also coordinates labor related issues associated with restoration plans and/or conditions and ensures that all 1049 contracted requirements are properly followed.

This document shall be reviewed every **1** year or incrementally as significant changes occur.

14.6 Demobilization Unit

The Demobilization Unit oversees the coordination and dissemination of the demobilization plan(s) and/or requests with participating personnel and organizations. The Demobilization Unit reviews operational and resource data to determine potential size, extent, and timing of demobilization efforts and plans in accordance with these assessments. This Unit also works to coordinate with FCP on crew release times and plans, and also reviews and coordinates demobilization resource needs and requests with internal and external stakeholders.

At the conclusion of major restoration efforts, the shift from full activation to a reduced level of restoration is essential for an orderly transition of operations. The Distribution Survey and Operations Control Division Supervisors, T&D Crew Control Division Supervisors, and Substation Maintenance/Relay Protection Group Supervisors assess the need, within their geographic division, for the continued deployment of restoration crews. This assessment allows for the completion of permanent repairs, while maintaining a contingent of available resources to address any additional isolated outages.

This information is provided to the T&D Operations Branch Directors for submittal to the Operations Section Chief, Planning Section Chief, and Demobilization Unit Leader. They jointly determine the continuing level of crew involvement, after all customers are restored, based on the following conditions:

- Extent of damage repaired and quantity of temporary repairs made during the storm
- Forecast weather conditions for the next 48 to 72 hours
- Availability of personnel for continuing operations

Once the demobilization plan is approved, the T&D Operations Branch Directors initiate the transition of staff to normal operations by informing the Distribution Survey and Operations Control Division Supervisors, T&D Crew Control Division Supervisors and Substation Maintenance/Relay Protection Group Supervisors in each of the operating divisions, as well as the FCP Area Manager.

The Distribution Survey and Operations Control Division Supervisors, T&D Crew Control Division Supervisors, and Substation Maintenance/Relay Protection Group Supervisors will commence the transition to normal operations by:

- Determining which sites, if any, require continued coverage as the transition to normal operation commences, and providing for such coverage
- Notifying all areas for which the function interacts, that the function is commencing with demobilization plans
- Demobilizing on duty personnel, as appropriate, and advising personnel scheduled for subsequent shifts that they will not be required and that they should report to their regular work assignment for the following operational period
- Directing the return of all restoration equipment and unused material

The restoration workforce deployed during a major storm may consist of division, non-PSEG Long Island represented and non-PSEG Long Island non-represented Repair and Construction Crews, Tree Crews, Damage Assessors, Wire Watchers, Crew Guides, and other personnel. Demobilization of external resources occurs once the defined storm role is complete. This is performed in coordination with the NAMAG, NRE, and/or appropriate collective bargaining agreements.

The FCP Area Manager is responsible for communicating a timetable for the orderly transition and release of restoration personnel and services. Restoration personnel should be released in the following order, but will ultimately be determined by conditions specific to the given event:

- 1) Non-represented, non-PSEG Long Island personnel
- 2) Represented, non-PSEG Long Island personnel
- 3) PSEG Long Island non-division, represented personnel
- 4) PSEG Long Island division personnel

The deactivation of personnel during demobilization is event specific and dependent on resource requirements. Supervisors are responsible for the orderly and safe transition and release of restoration personnel and services.

15. LOGISTICS PROTOCOLS

15.1 Overview and Plan Methodology

The Logistics Section plays a vital role in the support of PSEG Long Island's storm restoration efforts. The Logistics Section's mission is to facilitate and to ensure that all required storm support resources are made available, in an effective and timely manner, to enable a thorough and efficient storm response. These activities are governed by the severity and scope of the emergency. The actions of the Logistics Section will routinely begin prior to the storm arrival given the importance and reliance on their services. Logistics Section operations remain in effect throughout the duration of the activation and/or emergency and often continue into the recovery phase of restoration operations.

The goal of the Logistics Section is to provide all restoration organizations with the logistics-related support services required to restore power in a safe, efficient, and effective manner. The Logistics Section plans for, and supports, the operational needs of all corporate-wide emergencies, including areas such as electric restoration operations, processing of Foreign Crews, Remote Dispatch Area and substation operations, environmental responses, and safety operations.

The Logistics Section facilitates and organizes its actions into three functional branches: Support, Staging, and Service. The Logistics Section's three-branch structure supports a more strategic and long-term perspective regarding resource requests and needs. Each branch is further broken down into sub-functional areas to consolidate and more effectively respond to emergencies and/or activations. Each functional area has an assigned Unit Leader and the support personnel needed to carry out the associated critical actions and responsibilities. The Logistics Section's branches and supporting functional areas are detailed below:

- 1) Support Branch
 - a) Fleet Maintenance & Fueling
 - b) Real Estate
 - c) Facilities Management
 - d) IT/Communications
 - e) Security

This document shall be revised every **1** year or incrementally as significant changes occur.

- 2) Staging Branch
 - a) Site Preparation
 - b) Fleet and Fuel
 - c) Materials and Logistics
 - d) Waste and Environmental
- 3) Service Branch
 - a) Materials Procurement
 - b) Materials Distribution
 - c) Lodging
 - d) Busing
 - e) Meals

15.2 Logistics Support Center (LSC)

PSEG Long Island's LSC is critical in facilitating effective communications and coordination during restoration operations. The LSC utilizes a large conference room, that is transformed into a Logistics headquarters, which includes representation from all key logistical functional areas and the personnel responsible for leading the associated efforts. The LSC allows for information sharing on a real-time basis and the ability for functional unit leaders to have instant "face-to-face" interactions with one another. This close coordination allows for improved situational awareness and more rapid and efficient decision-making, thereby creating a more organized and comprehensive response structure.

The readiness of the LSC is maintained throughout the year and can be activated at a moment's notice by the Logistics Section Chief. Personnel assigned to the Logistics Section also prepare for activations through annual exercises, training, and drills, where the LSC is fully assembled to further simulate a real world scenario. The LSC facility layout is shown in Figure 15.1.

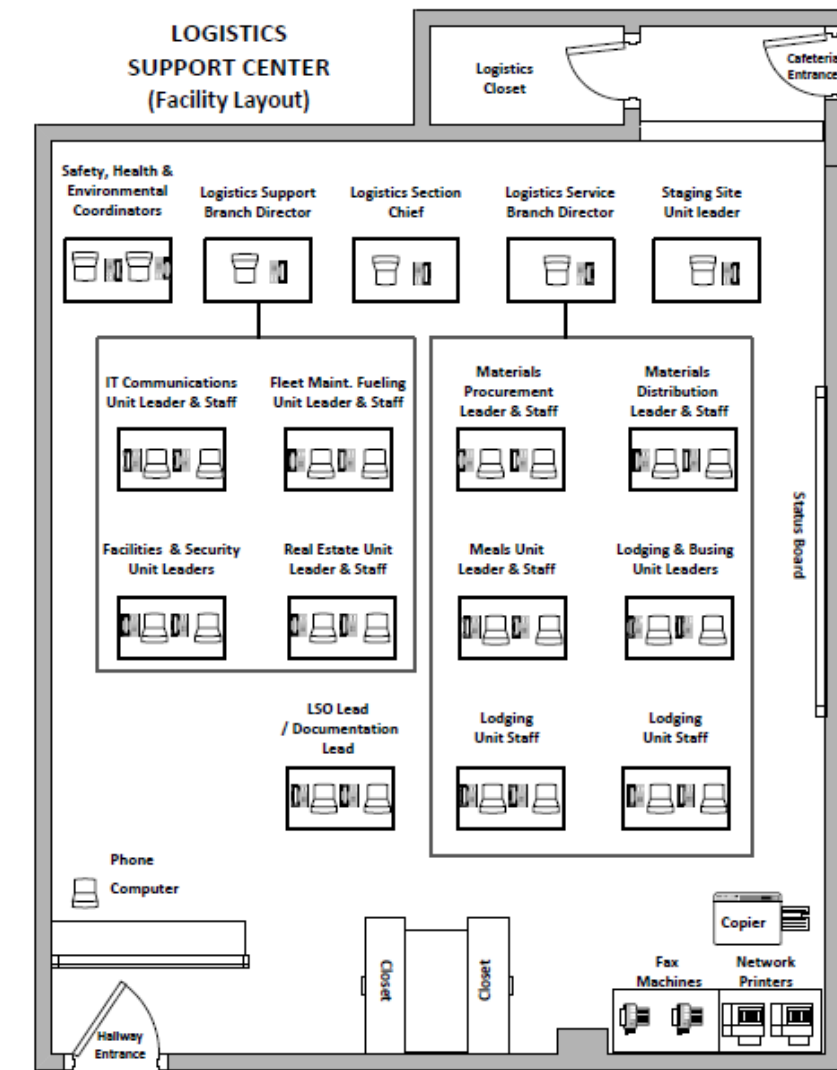


Figure 15.1 – Logistics Support Center (LSC) Facility Layout

This document shall be revised every 1 year or incrementally as significant changes occur.

PSEG Long Island Confidential. The intellectual property of LIPA.

15.3 Senior Leadership

15.3.1 Logistics Section Chief

In anticipation of a large-scale storm or other system emergency affecting the electric system, the PSEG Long Island T&D Electric Services Director assumes the role of Logistics Section Chief. If the Logistics Section Chief is not available, the Service Branch Director will serve in his/her absence.

The role of the Logistics Section Chief is to lead the Logistics Section, its personnel, and all supporting functional areas. Throughout the duration of an event, the Logistics Section Chief coordinates Section initiatives with the Incident Commander, PSEG Long Island Senior Leadership, Logistics Section Branch Directors, Area Managers, and Unit Leaders.

The Logistics Section Chief is responsible for overseeing the SHE, Support, Service, and Staging Branch Organizations, as well as their supporting Units described in the following sections of this chapter. Additionally, he works closely with the FCP Area Manager, Planning Section Chief, and PSE&G counterparts to ensure FCP logistical needs are addressed, demobilization plans are established, and restoration resources are shared, respectively. Logistical updates are communicated to key internal PSEG Long Island restoration personnel, as well as governing external agencies (i.e., LIPA, DPS).

15.4 Support Branch

15.4.1 Overview

The Support Branch of the Logistics Organization is comprised of the following functional areas:

- Fleet Maintenance and Fueling Unit
- IT/Communications Unit
- Facilities Unit
- Real Estate Unit
- Security Unit

This document shall be revised every 1 year or incrementally as significant changes occur.

15.4.2 Support Branch Director

The Support Branch Director coordinates and leads the above functional areas and its associated personnel. Throughout the event, the Support Branch Director coordinates with the Logistics Section Chief on planning initiatives, action items, and any potential areas of concern associated with these functional areas. These goals and priorities are then cascaded down to the Support Branch Unit Leaders for incorporation into their pre-established restoration routine. The Support Branch Director continuously reviews and assesses their Unit's progress and reports to the Logistics Section Chief to confirm that responsibilities have been completed and any other issues or concerns have been appropriately addressed.

15.4.3 Fleet Maintenance and Fueling Services Unit

The role of the Fleet Maintenance & Fueling Unit Leader in the Logistics Section is to continuously assess the event for vehicle repair and maintenance issues, as well as towing and garage services. In addition, they coordinate fuel services (i.e., in-house fueling, vehicle refueling at off-site locations, fuel vendor coordination, etc.) to meet the demands of the event. If needed, the Fleet Maintenance & Fueling Unit Leader will also help secure additional vehicles to supplement existing fleet assets.

The Fleet Maintenance & Fueling Unit Leader coordinates with the Staging Site Area Manager regarding equipment, fueling, and transportation needs at vehicle staging sites. They also serve as a liaison with external agencies (i.e., NYS DOT) on fueling and transportation issues and requests.

15.4.4 Real Estate Unit

The role of the Real Estate Unit Leader is to continuously assess the event for Real Estate related needs, including staging site locations and site agreements. Semiannually, the Real Estate Unit Leader will validate and update their list of contact information (names, phone numbers, e-mail addresses, etc.) for all staging areas on file (i.e., buildings, parks, airports, universities, firehouses, etc.). The Real Estate Unit Leader contacts their list of staging area property owners/representatives, via telephone or e-mail, to confirm/update each staging site's subject contact information.

The Real Estate Unit Leader will communicate with property owners, where pre-arranged site agreements exist with PSEG Long Island, to utilize their property as established emergency staging sites during restoration events. Additionally, they will coordinate with non-agreement property site owners to secure additional sites, as needed. If supplemental real estate is required for restoration operations, the Real Estate Unit Leader will contact owners of vacant land and/or useable facilities for short

This document shall be revised every 1 year or incrementally as significant changes occur.

term lease agreements. For all utilized staging sites, the Real Estate Unit Leader will ensure site readiness with the property owners.

15.4.5 Facilities Unit

The Facilities Unit Leader is responsible for the management and maintenance of all company facilities, operating yards, and associated support locations during restoration operations. The Facilities Unit Leader is also responsible for overseeing all facilities management services, including the proper operations of Heating, Ventilation and Air Conditioning (HVAC) equipment, janitorial services, garbage removal, etc. performed to support and maintain company and restoration sites.

The Facilities Unit oversees the setup of restoration sites, including the CAC, LSC, Remote Dispatch Areas, and other support locations. Additionally, they coordinate all building repairs and contract labor performed at all work locations. The Facilities Unit Leader directs the testing and maintenance of critical back-up systems (i.e., emergency generators, Uninterruptible Power Supplies (UPS), etc.) and building support infrastructure throughout the restoration event.

Furthermore, the Facilities Unit coordinates with building landlords regarding shared space services and planned restoration operations. They also oversee the distribution of mail and duplication services, when applicable.

15.4.6 Information Technology (IT) / Communications Unit

The IT/Communications Unit Leader is responsible for the management of PSEG Long Island's voice and data system activities, including pre-activation testing and continuous system monitoring throughout the restoration event. The Unit Leader and Staff ensure work locations and support sites (i.e., CAC, LSC, Emergency Restoration Preparedness Room, Remote Dispatch Area sites, etc.) have voice and data connectivity in support of operations.

Moreover, the IT/Communications Unit ensures key company software applications (i.e., OMS, SAS, SAP, etc.), websites, programs, and support equipment are in proper working order to meet the demands of the restoration event. An inventory of key IT/Communications hardware and software is reviewed and maintained for operational readiness and availability, as restoration needs require.

This document shall be revised every **1** year or incrementally as significant changes occur.

15.4.7 Security Unit

The Security Unit Leader is responsible for the development and implementation of PSEG Long Island's security plans to ensure the safety and security of company employees, support personnel, work locations, and assets.

The Security Unit Leader and Staff continuously review, determine, and address security threats and potential hazards at all current and planned work locations. Appropriate levels of security patrols are provided at all utility crew sites including, but not limited to:

- Staging area locations
- Crew processing sites
- Material laydown yards
- Hotels and/or motels
- Base camps and/or tent cities
- Alternative housing facilities
- Truck staging sites
- Fueling locations

Additionally, the Security Unit Leader will oversee all credentialing and access protocols at all company work locations and secondary restoration work sites. When appropriate, security incidents and/or claims regarding company personnel, work locations, and/or assets are investigated, documented, and reported.

During restoration events, the Security Unit Leader coordinates with Federal, State, and Local law enforcement on security concerns and to facilitate restoration activities and crew movements, as necessary

15.5 Staging Branch

15.5.1 Overview

The Staging Branch of the Logistics Organization is responsible for the setup, management, and coordination of all activities at staging sites and/or emergent support facilities during restoration operations. PSEG Long Island utilizes a variety of staging sites to support emergency activations.

Site types are broken down by functional area or support category and can include, but are not limited to, the following:

- Crew Processing sites
 - Foreign Utility Crew processing, coordination, and deployments
- Staging Sites (general)
 - Forward operating sites and remote dispatch areas operations
- Base Camps
 - Crew staging and short- and long-term lodging sites
- Material Laydown Sites
 - Material preparation and staging
- Vehicle Staging and Fueling
 - Utility crew vehicle staging and fueling sites

This document shall be revised every 1 year or incrementally as significant changes occur.

15.5.2 Staging Site Locations

PSEG Long Island has eighteen pre-arranged site agreements across Long Island (Nassau County (8); Suffolk County(10)) in place, and has secured access to over thirty different properties in past storm events. The eighteen secured sites with agreements are as follows:

Nassau County

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]^k

Suffolk County

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

PSEG Long Island has also made secondary arrangements with additional sites, should conditions require a larger operational footprint. Arrangements have been outlined with site contacts and the utilization of these sites are coordinated upon emergency activations, in conjunction with property owner needs and daily operations.

While these sites have “non-agreements,” a memorandum of understanding has been established for their use between property owners and PSEG Long Island, during certain conditions. The Real Estate Unit, along with staging site personnel, will arrange and coordinate, as required. There are twenty-nine total sites (Nassau County (7), Suffolk County (20), Queens County (2)). The twenty-nine staging sites with *non-agreements* are:

Nassau County

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

Suffolk County

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

This document shall be revised every 1 year or incrementally as significant changes occur.

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

Queens County

- [REDACTED]
- [REDACTED]

While all staging site locations may not be activated regularly, PSEG Long Island takes a proactive approach by developing and maintaining site layout drawings for each staging site location, in the event an activation takes place.

15.5.3 Foreign Crew Processing (FCP) – Crew Reception Site and Office

If an event requires Foreign Utility Crews and additional outside personnel to support the effort, PSEG Long Island will activate and utilize [REDACTED] as the primary FCP reception site. PSEG Long Island utilizes this site during Foreign Crew activations and arrivals. The site is centrally located to assist with crew deployments and is in close proximity to PSEG Long Island's FCP headquarters in Bethpage, New York. The [REDACTED] site is built-out, per established site drawings, to serve as the main reception staging area for accepting Foreign Crews upon their arrival. In the event of a small scale incident, PSEG Long Island may utilize the [REDACTED] location as a crew reception site.

PSEG Long Island utilizes multiple site configurations for the Foreign Crew Reception Staging Area at [REDACTED]. Among them include an area layout for 95 vehicles, as shown in Figure 15.2.

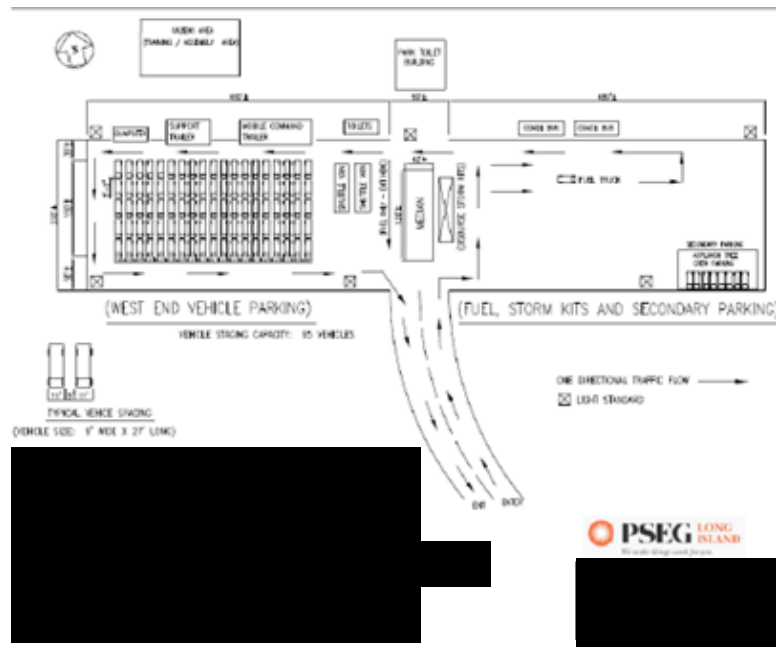


Figure 15.2 – [REDACTED] (95 Vehicle Capacity)

Incoming Foreign Crews are processed by PSEG Long Island personnel at the Bethpage Office, via representation by crew supervision, and receive their work assignment and lodging accommodations. Crew supervision are then paired with PSEG Long Island Crew Guides, due to their unfamiliarity with the territory, and to facilitate operational plans and restoration documentation. Simultaneously, on site, crews receive safety and information briefings by PSEG Long Island personnel and safety advocates. All Foreign Crew vehicles and/or trucks are re-fueled in preparation for crew deployments. Crews are subsequently issued the required restoration storm kits (equipment and materials). Finally, crews are reunited with their supervision and Crew Guides before proceeding to operational locations.

15.5.4 Mobile Command Center(s)

PSEG Long Island also utilizes Mobile Command Centers during large-scale system emergencies and storm restoration efforts. Mobile Command Center vehicles can replace temporary accommodations that previously needed to be rented and set-up, whenever a major storm brings in outside utility crews. The Mobile Command Center can also be deployed to hard-hit areas or other areas requiring a local presence within our service territory, in order to manage and assist PSEG Long Island personnel on site.

Built on a three-axle trailer platform, the Mobile Command Centers have its own Wi-Fi network, televisions displaying satellite news feeds, and eight workstations. Security cameras and external lighting assist with location deployments and safety concerns. Other amenities include an on-board generator, air conditioning, heat, and a refrigerator. A photograph of one of PSEG Long Island's three Mobile Command Centers is included in Figure 15.3.



Figure 15.3 – Mobile Command Center

15.5.5 Additional Staging Support

If a storm event causes significant damage to PSEG Long Island's T&D electric system, and a large Foreign Crew workforce is required to support PSEG Long Island, additional assistance and arrangements can be established. If the planned Foreign Crew personnel headcount exceeds the capacity of available Long Island and Queens County hotels, alternative housing arrangements will be implemented. These measures include setting up sleeping arrangements at available universities, large vacant buildings/complexes, and firehouses across the territory to house the Foreign Crews.

PSEG Long Island will also utilize third party logistics contractors to build out base camps in order to house, feed, and fully accommodate the needs of the Foreign Crews, if necessary. The photos (see Figure 15.4) depict base camps constructed during Superstorm Sandy in 2012, in support of restoration efforts. PSEG Long Island will utilize approved logistics contractors for base camps services and support, when conditions warrant. For more information on alternative housing, please see Section 15.6.5.

PSEG Long Island personnel serve in an operational and financial oversight role at the base camps and support locations throughout the duration of the event. The Staging Branch also oversees the planned site layouts, security, and safety initiatives of the agreed upon sites. The Support Branch Director, along with the Lodging Unit Leader, assists the Staging Unit in preparation of large-scale utility crew base camps, as required.

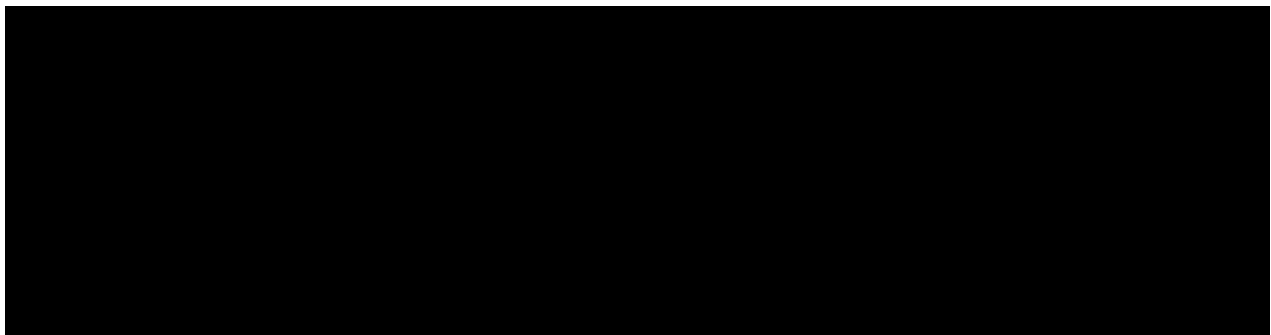


Figure 15.4 – [REDACTED]

15.5.6 Staging Site Roles and Key Positions

Depending on the planned usage and size of the staging site, the Staging Site Area Manager may oversee a contingent of key staging site positions and their associated functional areas. The Staging Site Area Manager determines the needs of each particular site and determines an acceptable level of personnel to be utilized. The functional staging site roles include, but are not limited to:

- Site Preparation Unit Leader
- Fleet Unit Leader
- Materials and Logistics Unit Leader
- Waste and Environmental Unit Leader

15.5.7 Staging Site Area Manager

The Staging Site Area Manager oversees and coordinates the planning (i.e., potential site locations, design, layout, etc.) and management of operational activities at staging locations and/or support sites, in conjunction with restoration operations.

The Staging Site Area Manager reviews staging site and/or base camp inventory levels to ensure proper resources are maintained throughout the duration of restoration operations. This review includes coordinating logistics between warehouses and staging sites, providing intra-site logistics to move materials, and overseeing fueling activities at staging sites.

15.5.8 Fleet Unit Leader – Staging Sites

The Fleet Unit Leader at the staging sites oversees and coordinates all fleet and transportation activities (i.e., motor vehicle repair and maintenance and associated transportation equipment) in support of staging site operations. In addition, they coordinate with the Fleet and Fuel Maintenance Unit Leader (in the LSC) on staging site fueling operations and services.

15.5.9 Site Prep Unit Leader – Staging Sites

The Site Prep Unit Leader at the staging sites oversees and coordinates all staging site setup and demobilization tasks. In addition, they coordinate support services at the staging site (i.e., snow/debris removal, traffic plans, parking, etc.).

15.5.10 Materials and Logistics Unit Leader – Staging Sites

The Materials and Logistics Unit Leader at the staging sites coordinates material management and distribution during restoration events. In addition, they oversee and coordinate storm kit distribution in support of planned operations.

This document shall be revised every 1 year or incrementally as significant changes occur.

15.5.11 Waste and Environmental Unit Leader – Staging Sites

The Waste and Environmental Unit Leader at the staging sites oversees and coordinates environmental and waste activities and spill response in support of staging site operations.

15.6 Service Branch

15.6.1 Overview

The Service Branch of the Logistics Organization is comprised of the following functional areas:

- Materials Procurement Unit
- Materials Distribution Unit
- Lodging Unit
- Busing Unit
- Meals Unit

15.6.2 Service Branch Director

The Service Branch Director coordinates and leads the above functional areas and its associated personnel. Throughout the event, the Service Branch Director coordinates with the Logistics Section Chief on planning initiatives, action items, and any potential areas of concern associated with these function areas. These goals and priorities are then cascaded down to the Service Branch Unit Leaders for incorporation into their pre-established restoration routine. The Service Branch Director continuously reviews and assesses their Unit's progress and reports to the Logistics Section Chief to confirm that responsibilities have been completed and any other issues or concerns have been appropriately addressed.

15.6.3 Materials Procurement Unit

The Materials Procurement Unit Leader directs and coordinates the efforts of obtaining the necessary materials required to support logistical operations during restoration efforts. The Materials Procurement Unit Leader also oversees the activities pertaining to materials and equipment purchases, service related needs, vendor management and contracts, supply sources, accounts payable issues, and inbound logistics.

In addition, the Materials Procurement Unit Leader and Staff will review, oversee, and expedite the status of open orders pertaining to critical storm supplies, non-stock materials, equipment, and services.

This document shall be revised every **1** year or incrementally as significant changes occur.

The Materials Procurement Unit is required to semi-annually update the contact information (names, phone numbers, e-mail addresses, fax numbers, etc.) for all logistics-related vendors and contractors on file. In addition to updating contact information, the Materials Procurement Unit Leader and Staff will confirm contracts and/or agreements and review potential plans and/or needs.

15.6.4 Materials Distribution Unit

The Materials Distribution Unit Leader is responsible for assessing and properly addressing the material(s) needs in support of restoration operations including ordering, receiving, maintaining, and distributing all supplies and equipment, in support of restoration operations. In addition, they will oversee storeroom facilities and secondary mobile distribution sites throughout the entirety of restoration operations.

The Materials Distribution Unit Leader and Staff will assess and quantify inventory levels against storm target quantity levels and determine potential material needs, in conjunction with the Service Branch Director, Staging Site Area Manager, and corresponding Unit Leaders. Furthermore, the Materials Distribution Unit Leader and Staff will prepare, review, and deliver storm restoration kits to support Foreign Utility and Contractor Crews, when utilized.

Moreover, the Materials Distribution Unit Leader, in conjunction with the Staging Site Area Manager, Logistics Section Chief, and Planning Section Chief, will coordinate with other NYS Utilities, under the NYS Utilities Material Sharing Program, to draw on the group's stockpile of key materials and equipment (i.e., transformers, poles, cross arms, cables, wire, insulators, fuses, etc.) during restoration, if required.

15.6.4.1 Material Sharing Group

If material or equipment mutual assistance is required, the Planning Section Unit Leader, in conjunction with the Materials Distribution Unit Leader or Logistics designee, will participate in the NYS Utilities Material Sharing Group's conference calls, and initiate the NYS Utilities Materials Sharing Group protocol to prepare to draw on the group's stockpile of key materials and equipment.

The NYS Utilities Material Sharing Group was established in accordance with the New York PSC's "Order Instituting a Process for the Sharing of Critical Equipment" in Case 13-M-0047 (issued November 19, 2013) to provide a system, whereby participating companies may receive, and provide assistance, in the form of materials and equipment to aid in restoring and/or maintaining electric utility service.

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This would only occur when such service has been disrupted by weather events, equipment malfunctions, sabotage, or any other occurrence for which emergency assistance is deemed necessary or advisable. Participating companies have agreed to establish a warehouse network in order to stockpile key materials and equipment to share, as outlined by the Group's governing principles and procedures.

15.6.5 Lodging Unit

The Lodging Unit Leader is responsible for reviewing and determining the anticipated lodging requirements and, ultimately, the procurement of lodging accommodations for PSEG Long Island personnel, Foreign Utility Crews, and support personnel as required. If in the event the number of personnel, both internal and external, exceeds the quantity of rooms available, the Lodging Unit Leader and Staff will review alternative housing needs and potential agreements with universities, firehouses, government sites, sporting arenas, etc. Additionally, in conjunction with the Logistics Section Chief, they will review and implement existing contracts with third party logistics contractors to establish and operate base camp staging sites for lodging accommodations.

The Lodging Unit Leader is required to semi-annually update the contact information (names, addresses, phone numbers, e-mail addresses, fax numbers, etc.) of their Nassau County, Suffolk County, and Queens County hotel/motel lists. The Lodging Unit Leader will contact each hotel/motel, via phone or e-mail, and verify/update the respective hotel/motel's contact information. In addition to updating contact information, the Lodging Unit Leader and Staff will also document various hotel details in support of anticipated lodging needs (i.e., parking, room capacity, catering halls, etc.).

15.6.6 Busing Unit

The Busing Unit Leader is responsible for assessing and establishing the shuttling needs associated with restoration activities and associated operations. This includes shuttling services from staging areas, operating centers, and places of lodging for PSEG Long Island personnel, Foreign Crews, and support personnel, as required. The Busing Unit Leader will coordinate with other Unit Leaders to ensure additional shuttling needs have been identified, coordinated, and addressed.

This document shall be revised every 1 year or incrementally as significant changes occur.

15.6.7 Meals Unit

The Meals Unit Leader is responsible for coordinating and supplying the daily meal requirements at all company and secondary work locations for PSEG Long Island employees. Additionally, the Meals Unit Leader will also manage food services (i.e., boxed lunches) for Foreign Crews and support personnel at staging sites and alternative lodging locations.

The Meals Unit Leader is required to semi-annually update the contact information (names, phone numbers, e-mail addresses, fax numbers, etc.) for all food/eatery establishments (delicatessens, restaurants, caterers, etc.) on file. The Meals Unit Leader will contact each food/eatery establishments, via telephone or e-mail, and verify/update the respective establishment's contact information. In addition to updating contact information, the Meals Unit Leader and Staff will also document various catering details in support of anticipated meal needs (i.e., delivery capabilities, travel limitations, production quantities, etc.).

15.7 National Guard Assistance – Logistics Support

The Logistics Section also supports the needs of National Guard personnel when deployed to PSEG Long Island's service territory. All PPE required to perform assigned roles will be provided to National Guard personnel. Supplemental equipment relative to planned tasks may also be distributed, if required. Training may also be provided at worksites or staging areas, if necessary. Additional information pertaining to National Guard assistance and deployments can be found in Section 13.2.2.4.

15.8 Demobilization

Upon the direction of the Logistics Section Chief, the Logistics Section and supporting Units will begin demobilization of the LSC and/or staging site(s), as required. These actions can be utilized in anticipation of an event coming to conclusion or the shifting of priorities due to changes in restoration needs. While performing demobilization actions, or shortly thereafter, the Logistics Section will review and aim to replenish inventory levels depleted during restoration operations. The Logistics Section will also coordinate demobilization protocols with the Planning Section Unit Leader and corresponding Demobilization Unit.

This document shall be revised every **1** year or incrementally as significant changes occur.

16. FINANCE/ADMINISTRATION PROTOCOLS

16.1 Overall Approach and General Strategies

The Finance/Administration Section, headed by the Finance/Administration Section Chief, is responsible for supporting financial, administrative, and cost analyses associated with restoration efforts. The primary purpose of this Section is to monitor the various costs and expenses, while tracking and reporting the rate and level of expenditures during restoration operations. The Finance/Administration Section also oversees LIPA/FEMA reimbursement protocols and submissions, including cost reconciliation and substantiation procedures.

16.2 Cost & Reimbursement Unit

The Cost & Reimbursement Unit, headed by the Cost & Reimbursement Unit Leader, is responsible for providing cost data analysis and preparing estimates of potential restoration event costs.

In addition to the above responsibilities, the Cost & Reimbursement Unit Leader oversees restoration reimbursement protocols. It is the role of this Unit, in conjunction with the cost-bearing Units of the Operations and Logistics Sections, to ensure that expenditures and/or invoices are adequately identified and reconciled for auditing and reimbursement purposes. These Units work together, during and post-event, to gather the necessary supporting documentation needed to substantiate all incurred costs (i.e., equipment, labor, materials, lodging, meals, etc.). Once incurred costs have been justified, the Cost & Reimbursement Unit will prepare an invoice package for submission to LIPA for reimbursement.

Additionally, the Cost & Reimbursement Unit, together with the Legal Section, ensure that all PSEG Long Island personnel are compliant with Federal, State, and Local guidelines. The Cost & Reimbursement Unit also oversees all FEMA compliance matters and requests, as required.

With an eye on continuous improvement, PSEG Long Island strives to further enhance the Finance/Administration Section, paying particular focus on reimbursement eligibility. To this end, restoration procedures (i.e., logistical and financial ERIPs) have been reviewed, modified, and/or created to ensure the appropriate supporting documentation is maintained and that invoices are properly reconciled to substantiate the reimbursement claim. Vendor contracts are in the process of being reviewed and refined, where applicable, to ensure FEMA compliance, in the case where a restoration event qualifies for reimbursement.

This document shall be revised every **1** year or incrementally as significant changes occur.

In addition, PSEG Long Island is currently creating a matrix that will highlight the processes around reimbursement as a method of information sharing and communicating alignment with our internal stakeholders. This reimbursement RASIC matrix will identify roles and responsibilities to key individuals with reimbursement functions.

16.3 Compensation & Claims Unit

The Compensation & Claims Unit, headed by the Compensation & Claims Unit Leader, is responsible for financial concerns resulting from property damage (i.e., oil spills, landscape maintenance, etc.), injuries, or fatalities associated with restoration efforts.

It is vital that the Compensation & Claims Unit develop a strong relationship with the SHE Officer to review the Incident Medical Plan (ICS Form 206) and ensure that all logs, forms, and other pertinent documentation are completed for post-incident processing.

16.4 Time and Payroll Unit

The Time and Payroll Unit is responsible for ensuring proper daily recording of personnel time and the issuance of payroll, in accordance with PSEG Long Island policy. Any changes to daily time and/or payroll protocols, in response to restoration operations, will be identified, maintained, and distributed to all affected personnel.

17. DEPARTMENT OF PUBLIC SERVICE (DPS) SCORECARD PROTOCOLS

17.1 Emergency Response Performance Measurement Guide

The Storm Performance Scorecard was developed by the NYS DPS to measure the performance of utilities across NYS, when restoring power to customers after an outage event lasting three days or greater in length. The Scorecard is intended to hold utilities accountable to standards and expectations that can help assure that they have the ability, capacity, and mindset to act quickly and effectively during outages. While outage events can never be eliminated, these metrics establish minimum-targeted performance levels to assess utilities' restoration activities after significant outages.

This Scorecard is to be applied to any event during which the outage duration, as defined below, lasts more than three days. The "Start of Event" is triggered when more than 5,000 customers are interrupted, within a division, for more than 30 minutes, or more than 20,000 customers are interrupted, companywide, for more than 30 minutes. If the event affects less than the customer counts listed, the start time shall be the earlier of the peak level of interruptions, or start of utility restoration.

Per DPS guidelines, PSEG Long Island will be required to provide data with which the Scorecard can be completed, on a per event basis, within 30 days of the completion of customer restoration. DPS staff will use the information, provided by the utility, in its review, and determine a score for each event for every utility. Electric companies will continue to be required to file a Part 105 report within 60 days, as set forth in the NYCRR¹.

¹ 16 NYCRR §105.4(c) Within 60 days following completion of service restoration in an emergency where the restoration period exceeds three days, each electric corporation shall submit to the Secretary of the Public Service Commission a review of all aspects of its preparation and system restoration performance.

17.2 Scorecard Categories

The Scorecard assigns metrics and points across three categories: Preparation (150 points), Operational Response (550 points), and Communications (300 points). The three categories are intended to capture the key activities associated with preparing for, and responding to, a major storm event.

17.2.1 Preparation

The Preparation metric is intended to score utility performance with respect to activities and communications performed prior to forecasted storms, and in response to alerts from the NWS, or a utility's private weather service.

17.2.2 Operational Response

The Operational Response metrics are intended to score performance with respect to the utility's response and ability to effectively mobilize personnel. Accurate and timely ETRs continue to be an area in which the utilities need to improve. ETRs furnished by utilities should be appropriate to the distribution of the communication vehicle (ETRs in press releases should reflect the area where press releases are distributed, ETRs on municipal calls should be appropriate to the area where municipal call is held, etc.).

17.2.3 Communications

The Communications metrics are intended to score performance with respect to the utility's ability to receive and disseminate information, related to the impact of the storm/outage and restoration activities. The need for communicating with customers, public, news media, and local officials is very important during emergency conditions, such as storms. Therefore, the sharing of information will be measured with respect to several communication vehicles (calls, press releases, social media, etc.).

17.3 Scorecard Metrics Owners Responsibility

To facilitate the Scorecard process, metrics were assigned to the appropriate stakeholders throughout the PSEG Long Island organization. Accordingly, each assigned stakeholder will be responsible for providing the appropriate information that will be collected and provided to the NYS DPS to demonstrate performance against the corresponding measurement criteria included in the Scorecard. As a means to ensure visibility and its associated metric ownership, the DPS Storm Performance Scorecard is shown in Figure 17.1 through Figure 17.3.

This document shall be revised every 1 year or incrementally as significant changes occur.

NYS Storm Performance Scorecard Metrics

| PREPARATION (10% of total – 150 points) | | |
|---|---|--|
| Area of interest | Metric | Owner |
| Event Anticipation | Complete steps to provide timely and accurate emergency event preparation in response to the NWS or the company's private weather service, in accordance with the company's PSC approved Electric Emergency Plan, for an event expected to impact the company's service territory | <ul style="list-style-type: none"> • Division Managers, Electric • Director, Corporate Communications • Director, External Affairs • Director, Revenue Operations • Manager, Account Management • Manager, Emergency Preparedness (EP) • Director, T&D Services |

Figure 17.1 – Draft Emergency Response Performance Measures: Preparation

| OPERATIONAL RESPONSE (60% of total – 550 points) | | |
|---|---|------------------------------------|
| Area of interest | Metric | Owner |
| Down Wire | Response to downed wires reported by Municipal emergency Official | Division Managers, Electric |
| Preliminary Damage Assessment | Completion of preliminary damage assessment | Division Managers, Electric |
| Crewing | 80% of the forecast crewing committed to the utility | Division Managers, Electric |
| ETR (Made available by utility on web, IVR, etc.) | Publication of global ETR in accordance with ETR protocol | Director, Corporate Communications |
| | Publication of Regional/County ETRs in accordance with ETR protocol | |
| | Publication of Local/Municipal ETRs in accordance with ETR protocol | |

Figure 17.2 – Draft Emergency Response Performance Measures: Operational Procedure

This document shall be revised every **1** year or incrementally as significant changes occur.

| OPERATIONAL RESPONSE (60% of total – 550 points) | | |
|--|--|--------------------------------------|
| Area of interest | Metric | Owner |
| ETR Accuracy | Global ETR accuracy as published in accordance with ETR requirement time | Division Managers, Electric |
| | Regional ETR accuracy as published in accordance with ETR requirement time | |
| | Local ETR accuracy as published in accordance with ETR requirement time | |
| Municipality Coordination | Coordination with Municipalities regarding hazards or electric utility equipment impeding road clearing, down wires, Critical Facilities, etc. | Director, External Affairs |
| County EOC Coordination | Coordination with County EOCs | Manager, Emergency Preparedness (EP) |
| Utility Coordination | Electric utility coordination with other utilities (electric, gas, communications, water) | Division Managers, Electric |
| Safety | Measure of any employee or contractor serious injury doing hazard work during storm/outage and restoration | Director, T&D Services |
| Mutual Assistance | Crew requests made through all sources of mutual assistance | Division Managers, Electric |
| Restoration Times | Time it takes utility to restore power to 90% of customers affected | Division Managers, Electric |

Figure 17.2 (continued) – Draft Emergency Response Performance Measures: Operational Procedure

This document shall be revised every 1 year or incrementally as significant changes occur.

| COMMUNICATIONS (30% of total – 300 points) | | |
|--|---|---|
| Area of interest | Metric | Owner |
| Call Answer Rates | Customer calls answered by properly staffing call centers | Director, Customer Contact and Billing |
| Municipal Calls | Municipal call must be properly managed and provide, at minimum, baseline information, updates on road clearing activities, and allow for questions and answers | Director, External Affairs |
| Web availability | Company's web site must be available around the clock, and must be updated at least hourly, until restoration is complete | Director, Corporate Communications |
| LSE Customers | LSE customer contact | Director, Revenue Operations |
| PSC Reporting | Provide storm event information to PSC in accordance with EORS guideline requirements | Manager, Emergency Preparedness (EP) |
| Customer Communications | Press releases/text messaging/e-mail/social media to customers | Director, Corporate Communications |
| Outgoing message on telephone line | Recorded messages providing callers with outage information is updated within one hour of communication releases | Director, Customer Contact and Billing |
| PSC complaints | Number of storm/outage related PSC complaints received | Director, Customer Experience and Utility Marketing |

Figure 17.3 – Draft Emergency Response Performance Measures: Communication

PSEG Long Island has taken steps to appropriately address the aforementioned Scorecard metrics and associated targeted performance levels by building processes and procedures into its ERP that position the company to successfully deliver against these metrics.

This document shall be revised every 1 year or incrementally as significant changes occur.

18. TRAINING, EXERCISES, AND AFTER ACTION REVIEWS

18.1 Training and Exercises & Drills

Continual training, in conjunction with periodic drills and exercises, are critical elements of the emergency preparedness process and effective methods to refresh and reinforce skills in preparation of restoration events.

18.1.1 Training

An important aspect of storm restoration planning is the advanced training of company personnel. Training is vital to a timely and effective restoration effort and PSEG Long Island goes to great lengths to ensure its employees are properly trained for their restoration roles and responsibilities. PSEG Long Island takes a proactive approach regarding training during normal conditions to ensure all employees are ready to collectively respond during emergencies.

As mentioned in Section 14.3, all employees, upon their hiring, are assigned a restoration role. PSEG Long Island strives to ensure that all of its employees are properly trained on their storm assignments and ready to assist, if restoration protocols are put into effect. The EP Department, in conjunction with Subject Matter Experts (SMEs) from selected organizations, is responsible for the development, identification, coordination, and notification of restoration roles for all personnel and administration of associated training.

Training can vary in length depending on an employee's work experience and their associated role. For example, upon hiring, some employees will receive more in-depth training, while other employees will undergo annual refresher courses on restoration roles throughout the year.

PSEG Long Island utilizes a variety of training programs and methods when training its employees for emergency restoration operations. Training can include lectures, exercises, and video presentations. Modular training sessions are also used for training employees. Modular training sessions can be both self-taught and/or traditional, with classroom instructors running the training. Online courses are also utilized and can serve as an effective refresher immediately before the onset of an event. Interactive classroom style training often provides the greatest amount of success and is one of the main sources of training companywide. These sessions allow employees to work hands-on and experience real life training scenarios. This method allows employees to better comprehend and anticipate their expected roles during an emergency.

This document shall be reviewed every 1 year or incrementally as significant changes occur.

Figure 18.1 details PSEG Long Island's tentative 2018 Training Schedule. Modifications to the schedule may be introduced throughout the year, as training requirements dictate.

| TRAINING | DESCRIPTION | TARGET AUDIENCE | TARGETED TIME FRAME |
|--|-------------------|---|---|
| PSC Scorecard Metrics | Awareness | Process Owners | 2 nd Quarter |
| Communications Storm Response | Initial/Refresher | EOC and Muni Liaisons District Managers Console Information Coordinators Major Account Consultants CAC Command Center Staff | 2 nd Quarter |
| Console Coordination and Escalation Processing | Initial/Refresher | Console Information Coordinators | 2 nd Quarter |
| EOC & Municipal Liaison | Initial/Refresher | EOC Liaisons Muni Liaisons | 2 nd Quarter |
| Division Survey Coordination | Initial | New Division T&D Damage Assessment Coordinators & Operators | 1 st / 2 nd Quarter |
| | Refresher | Division T&D Damage Assessment Coordinators & Operators | 1 st / 2 nd Quarter |
| Transmission Survey | Initial | New Transmission Survey Teams | 1 st Quarter |
| | Refresher | Transmission Survey Teams | 2 nd Quarter |
| Distribution Survey | Initial | New Distribution Survey Teams | 1 st Quarter and 3 rd Quarter |
| | Refresher | Distribution Survey Teams | 2 nd Quarter and 4 th Quarter |
| PRC Coordination | Refresher | Division PRC Coordinators | 1 st / 2 nd Quarter |
| Division Coordination | Refresher | Division MACs | 1 st / 2 nd Quarter |
| Dispatch Area Coordination | Initial | New Dispatch Area Coords. New Alt Dispatch Area Coords. New Dispatch Area Operators | 1 st / 2 nd Quarter |
| | Refresher | Dispatch Area Coords. Alt Dispatch Area Coords. Dispatch Area Operators | 1 st / 2 nd Quarter |

Figure 18.1 – 2018 Training Schedule

This document shall be reviewed every **1** year or incrementally as significant changes occur.

| TRAINING | DESCRIPTION | TARGET AUDIENCE | TARGETED TIME FRAME |
|-------------------------|---------------------------------------|--|-------------------------|
| Foreign Crew Processing | Refresher | Crew Processing Organization/Team | 2 nd Quarter |
| Crew Guide | Refresher | Crew Guides | 2 nd Quarter |
| ICS Training | Independent Study (position specific) | PSEG Long Island Key Restoration Personnel and Leadership Team | 3 rd Quarter |

Figure 18.1 (continued) – 2018 Training Schedule

18.1.2 Drills & Exercises

Training and preparation of employees continues to be a priority of PSEG Long Island. Restoration personnel participate in various drills and exercises throughout the year. PSEG Long Island currently plans, develops, and executes a variety of exercise programs with a focus on Operations, Logistics, and Communications. PSEG Long Island develops and aligns drills and exercises, in conjunction with Department of Homeland Security's (DHS) – HSEEP. This program provides a set of guiding principles utilized for exercise programs to provide standardization for exercise development, evaluations, and improvement planning initiatives. PSEG Long Island currently utilizes HSEEP principles during the following planned exercises and/or drill types:

- Discussion-Based Exercises
 - Tabletop exercises
 - Workshops
 - Seminars
- Operations-Based Exercises
 - Drills
 - Functional exercises
 - Full-scale exercises

A full listing of PSEG Long Island's drills and exercise can be found in Figure 18.2.

18.1.2.1 Drills

Drills typically have a narrow focus and are conducted in a training environment. Drills test a single operation or organization, in isolation from other response elements, and involve personnel and equipment in a realistic environment. All employees affected by the planned drill will be mobilized and observed throughout the process.

PSEG Long Island conducts drills across various operational departments with restoration responsibilities. Drills are developed to validate a specific function within a restoration organization. Drills can also be utilized to test action plans and evaluate opportunities for improvements. Drills can range in size and scope, depending on planned objectives. In the end, drills help to better prepare our employees for real-life emergencies and PSEG Long Island continues to train its employees through simulation and practice.

18.1.2.2 Exercises

Exercises are an important part of PSEG Long Island's overall preparedness initiatives. They play a vital role in testing the readiness and effectiveness of our planned response actions. Exercises allow PSEG Long Island to test our plans and determine the corresponding results of each, during non-emergency, yet lifelike, situations. These simulations assist in identifying the areas in need of improvement or additional attention going forward. Exercises also provide opportunities for employee development by keeping employees better prepared through practice and will ultimately assist with identifying the areas where additional training or support may be necessary.

18.1.2.3 Drill & Exercise Schedule

PSEG Long Island is committed to ongoing drills and exercises for the benefit of preparedness and restoration operations. Figure 18.2 details PSEG Long Island's tentative 2018 Exercise and Drill Schedule. Modifications to the schedule may be introduced through the year, as requirements dictate.

| EXERCISE/DRILL | DESCRIPTION | TARGET AUDIENCE | TARGETED TIME FRAME |
|--------------------------------------|--|---|--|
| Alternate Control Center (ACC) Drill | Drill activation of the ACC in response to an emergency at main Control Center | Transmission Control Center personnel | 2 nd Quarter |
| Logistics Exercise | Exercise activities related to the activation of the logistic support functions | Logistics Section personnel | 2 nd Quarter |
| Crew Processing Exercise | Exercise activities related to the processing of Foreign Crews | Foreign Crew Processing Area personnel | 2 nd Quarter |
| Communications Exercise | Exercise activities related to the activation of the Communications Organization and its supporting units | Communications personnel | 2 nd Quarter |
| Planning Section Exercise | Exercise activities related to the activation of Planning Section support functions | Planning Section personnel | 4 th Quarter |
| Annual Hurricane Tabletop Exercise | Simulate PSEG Long Island's response to an incident and demonstrate effectiveness of the restoration plans and command structure | PSEG Long Island Command and General Staff with additional participation from external utilities, emergency response organizations, NYS DPS, LIPA, etc. | 2 nd Quarter <i>Prior to June 1st</i> |

Figure 18.2 – 2018 Exercise/Drill Schedule

This document shall be reviewed every 1 year or incrementally as significant changes occur.

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| EXERCISE/DRILL | DESCRIPTION | TARGET AUDIENCE | TARGETED TIME FRAME |
|---|---|--|---------------------|
| Divisional Survey & Operations Exercise | <p>Simulate the activities performed at the division level related to the activation, preparation and implementation of Divisional Damage Assessment and Primary Control functions.</p> <p>Additionally, responsibilities and tasks will be confirmed.</p> | <p>Division Restoration Task Force Leaders & Assistant Leaders Division Primary Router/Gaters Division ETR Coordinators</p> <hr/> <p>Division T&D Damage Assessment Coordinators & Operators</p> <hr/> <p>Division PRC Coordinators Division Secondary Router/Gaters</p> | 2nd Quarter |
| Dispatch Area Operations Drill | <p>Simulate the activities performed at the dispatch area level related to the activation, preparation and implementation of Mutual Assist Remote Dispatching sites as they correspond to the collection and reporting of damage and repair information.</p> <p>Additionally, responsibilities and tasks will be confirmed.</p> | <p>Division Restoration Task Force Leaders Division Mutual Assistance Coordinators</p> <hr/> <p>Dispatch Area Coordinators Alt Dispatch Area Coordinators Dispatch Area Operators</p> | 2nd Quarter |

Figure 18.2 (continued) – 2018 Exercise/Drill Schedule

18.1.3 Annual Hurricane Preparedness Tabletop Exercise

PSEG Long Island conducts a company-wide annual hurricane preparedness tabletop exercise to test the abilities and coordination among restoration personnel and departments. More importantly, this discussion-based exercise tests the effectiveness of employees performing job functions outside of their normal areas of responsibility.

The tabletop exercise is designed to simulate all planning, execution, and the follow-up activities associated with large-scale outages. It is not intended to be a “hands on” drill that tests abilities; PSEG Long Island has supplemental drills and exercises to test such capabilities (see Section 18.1.1 and Section 18.1.2). The annual hurricane preparedness exercise brings together all the relevant departments needed for an effective response.

Coordination across organizational lines is vital during emergencies. Our annual tabletop exercise sharpens our one-team approach and requires participants to make real-time decisions in response to real-world injects that might be encountered in an actual event. The storm exercise scenario is based around a large-scale electric service interruption (i.e., tropical storm or hurricane). The EP Manager will oversee the drill’s design, implementation, and results. The goals of the tabletop exercise may include, but are not limited to:

- Testing the readiness of PSEG Long Island employees
- Training personnel and clarifying roles and responsibilities
- Demonstrating PSEG Long Island’s ability to plan, implement, and successfully exercise established restoration processes and protocols
- Demonstrating established communications protocols and plans
- Demonstrating the ability to utilize the OMS system to facilitate restoration actions and enhance associated storm communications including ETRs
- Demonstrating PSEG Long Island’s commitment to safety, efficiency, and communications, while delivering excellence in all restoration organizations
- Illustrating coordination, both internally and with external agencies, utilities, and partners
- Identifying resource gaps and/or process improvement opportunities

This document shall be reviewed every 1 year or incrementally as significant changes occur.

PSEG Long Island also invites outside agencies such as fire, law enforcement, public safety, emergency management personnel, LIPA, and DPS to participate in the annual storm drill. The above listed outside agencies are notified of the exercise during the planning stages and are regularly engaged in these exercises. Effective coordination between PSEG Long Island and the first responder community is vital to any restoration event and participation of these entities provides a forum to work with and learn from one another.

Following the annual hurricane preparedness tabletop exercise, PSEG Long Island's EP Department reviews the event, in its entirety, to identify areas for improvement. The EP Organization conducts an AAR, identifies improvements to be made, assigns and tracks corrective actions to completion, and/or institutes additional training of employees.

PSEG Long Island also actively participates in drills and exercises, which include external stakeholders, throughout the year. These drills can encompass events facilitated by local and state emergency response organizations, as well as other drills conducted by our partner utilities (i.e., GasCo, TelCo, and CaTVCo). PSEG Long Island also participates in a variety of large-scale exercises focused on coordination, including materials sharing drills and NRE exercises.

18.2 After-Action Reviews (AARs) and Continuous Improvement

Comprehensive performance assessments are a critical component to continuous improvement and PSEG Long Island is committed to conducting such reviews in the aftermath of a large-scale storm or other system emergencies and after key exercises. As a practice, PSEG Long Island conducts AARs to identify learning opportunities and to introduce changes to enhance the overall process going forward. AARs are maintained by the EP Department and action items are stored in an all-encompassing database for tracking and continuous improvement purposes.

PSEG Long Island also collects invaluable feedback through a variety of information gathering and reporting mechanisms, as illustrated below. This approach provides the means to conduct a complete, thorough, and timely evaluation of our performance and protocols and leads to overall process improvements. PSEG Long Island continuously solicits input from internal and external stakeholder groups and aims to build upon its knowledge base for the purpose of process improvement, as shown below.

The following practices are routinely utilized for the purposes of Performance Reviews and After-Action Reporting:

1) After-Action Reviews (AARs)

Performance Reviews and After-Action Reporting is a formal and thorough process, with well-documented and comprehensive reports being generated for the purpose of memorializing performance during an event and providing opportunities for education, training, and continuous improvement. Immediately following a major storm event and after key exercises, PSEG Long Island will launch a formal AAR of its performance, as appropriate.

Teams of SMEs from across the organization are pulled together to lead efforts to solicit feedback on what worked well and to identify opportunities for improvement. Feedback is proactively solicited from both internal and external stakeholder groups and is analyzed and captured in thorough and comprehensive reports detailing the subject event opportunities for improvement. This information is then summarized, categorized, prioritized, and assigned to appropriate groups and individuals for development and implementation.

Detailed tracking reports are developed, which summarize key initiatives, responsible parties, and targeted due dates. PSEG Long Island EP maintains and monitors the action plan to ensure that all initiatives are tracked to completion. Efforts are also undertaken to properly communicate any changes, ensure appropriate training is provided, and document changes within the ERP, as appropriate.

2) Continuous Analysis and Improvements

PSEG Long Island reviews restoration efforts on an ongoing basis to determine what worked well and to identify opportunities for improvement. Opportunities are ultimately identified, prioritized, assigned, and tracked to completion. Lean Six Sigma activities are also conducted in support of continuous improvement.

3) Consultation with PSE&G New Jersey

Close coordination and the sharing of best practices with PSE&G New Jersey provides additional insight to effective practices and emergency restoration protocols. PSEG Long Island continues to consult and confer with PSE&G counterparts to enable an effective dialog and sharing of institutional knowledge.

4) Consultation with SMEs

PSEG Long Island gathers information on best practices and efficiency improvements from SMEs across the electric utility industry. These individuals provide real life experience and knowledge, which is beneficial to identifying process improvements going forward.

5) Consultation with External Stakeholders

PSEG Long Island solicits information on an ongoing basis from external stakeholders, including first response organizations, municipalities, government agencies, and others. These sources provide local insight that can greatly benefit PSEG Long Island's preparation and response efforts during restoration events. Such input is of great value, as PSEG Long Island works to ensure a timely and efficient restoration response.

This document shall be reviewed every 1 year or incrementally as significant changes occur.

6) Consultation with NYS DPS

PSEG Long Island aims for continuous improvement through formal meetings and briefings with NYS DPS. PSEG Long Island will continue to solicit feedback and utilize NYS DPS's Utility Scorecard as a guidance document and assessment tool for large-scale outages. PSEG Long Island will seek feedback and integrate the recommendations, as a means to continuously improve its performance.

7) Participation in External Events

PSEG Long Island actively participates and takes a leadership role in many industry groups and organizations. Additionally, PSEG Long Island representatives routinely attend conferences and workshops in areas of emergency management and electrical transmission and distribution. These outlets provide access to innovative insight and cutting-edge information into processes utilized by others.

These meetings and groups also contribute to improving relationships and coordination during large-scale restoration efforts. PSEG Long Island representatives participate in numerous forums and industry groups including, but not limited to:

- EEI
- Energy Council of the Northeast (ECNE)
- NAMAG
- Emergency Managers' Forum
- All Hazards Consortium (AHC)
- Chartwell Outage Communications Committee
- EUCI Logistics Restoration Workshop
- DHSES Regional Round Table Meetings
- Participation in various municipal and local workshops and exercises

PSEG Long Island continuously looks for areas of improvement and opportunities to drive change for the better. Internal analysis and feedback from employees and various stakeholder groups proves invaluable to future enhancements. Performance Reviews, After-Action Reporting, and participation in external events continue to be major focus areas of PSEG Long Island's improvement efforts going forward.

19. APPENDICES

Appendix A – Cross Reference Spreadsheet with Public Service Law NYCRR 105

| PART 105 SECTION | SECTION TEXT | WHERE ADDRESSED IN PSEG LONG ISLAND PLAN |
|------------------|--|--|
| § 105.1 | Preamble. These electric utility emergency plans are primarily intended to ensure adequate utility response for storm and storm- like emergencies; however, some aspects of the plans will have application to virtually all electric emergencies (e.g., customer contacts, communication with the media and government officials) and should be used accordingly. | Section 1.2 |
| § 105.2 | Definitions. For the purposes of this Part, the following definition shall apply: | N/A |
| § 105.2 (a) | Storm drill. A storm drill is a training exercise held by an electric utility to test the adequacy and effectiveness of its regularly assigned personnel and personnel performing job functions outside of their normal areas of responsibility in implementing the utility's service restoration procedures in the wake of a storm classified at the highest or next highest level of severity by the utility. Drills shall simulate the involvement of a majority of a utility's customers served by overhead transmission and distribution facilities or individual operating areas on a sequential basis. The purposes of the drill can be achieved through the mobilization of utility personnel with specific storm response, service restoration assignments under simulated storm conditions or through the actual preparation for an advancing storm, which may or may not damage the overhead T&D system. However, in either case, to qualify as a drill, the participants must have carried out all of their storm response assignments under either an impending storm scenario or a simulated storm scenario. Also the drill must involve contacts with outside agencies, local governments and others who would normally be included in service restoration responses. For actual preparations, in lieu of a drill, the company shall certify in section 105.3 of this Part that all requirements of this definition were met. | Section 18.1 |
| § 105.3 | Submission of electric emergency plans. Each electric corporation shall file, in accordance with the requirements of section 3.5 of this Title, with the Commission an electric emergency plan that addresses storms, as well as other causes of electrical emergencies with storm-like characteristics, and that complies with the requirements of section 105.4 of this Part. On or before April 1 st of each year or on such other date as the Commission may prescribe, each electric corporation shall file such amendments to its emergency plan as it deems necessary, or as the Commission may require, to maintain a high level of preparedness, or a statement that no amendments are contemplated. In any event, by April 1 st of each year, each electric corporation shall certify in a report filed with the Secretary that within the past 12 months, it has taken the following actions: | Emergency Restoration Plan |
| § 105.3 (a) | periodically verified telephone contacts with and updated its lists of names of internal and external contact persons identified in section 105.4(b)(5) of this Part; and | Appendix D, E, F, and L |
| § 105.3 (b) | conducted at least one storm drill or emergency exercise involving key company personnel assigned service restoration responsibilities. Submissions made under this section shall be sent to the Director of the Office of Electric, Gas, and Water. Each electric corporation shall make available for public inspection its currently effective system-wide electric emergency plan at its principal corporate headquarters. Those corporations that have developed customized plans for individual operating areas shall make a currently effective customized plan available for public inspection at the principal offices of each operating area. | Section 18.1 |
| § 105.4 | Content of electric emergency plans. | N/A |

Figure A.1 – Cross Reference Spreadsheet with Public Service Law NYCRR 105

| PART 105 SECTION | SECTION TEXT | WHERE ADDRESSED IN PSEG LONG ISLAND PLAN |
|-----------------------|--|--|
| § 105.4 (a) | (a) Each electric corporation's electric emergency plan shall be compiled in a loose-leaf manual to facilitate updating. The manual shall provide a current, detailed description of each corporation's service restoration plan and, to the extent practicable, shall contain the information set forth in subdivision (b) of this section. | Emergency Restoration Plan |
| § 105.4 (b) | Each electric corporation's emergency plan shall include the following information: | N/A |
| § 105.4 (b) (1) | Table of Contents. | Table of Contents |
| § 105.4 (b) (2) | Introduction. A statement of the purpose, policies and objectives of the plan. | Section 1 |
| § 105.4 (b) (3) | Emergency classifications. Specify the criteria or guidelines used for determining the severity of electric emergencies and their classification. The guidelines should include, but need not be limited to, the geographical scope of the emergency, the estimated time required to restore general service, the type of expected damage to the electric system, i.e., from a storm or other storm-like emergency, and an indication of whether company personnel alone or company and supplementary, non-company personnel will be needed to repair system damage. | Section 5 Section 8.4 |
| § 105.4 (b) (4) | Emergency response training program. State the corporation's program to provide emergency response training for those personnel assigned service restoration responsibilities that are different from their normal duties. Identify person(s) responsible for managing and evaluating the effectiveness of the program. Include procedures for conducting a minimum of one annual storm drill simulating a response to either a storm, or other storm-like electric emergency that would be classified at the highest or next highest level of severity. State the extent to which any personnel outside the company may be involved in a storm drill. Include as well, provisions for critiquing the drill procedures and for giving staff a minimum of two weeks' advance notice of a scheduled drill. | Section 3.2.2 Section 14.3 Section 18.1 |
| § 105.4 (b) (5) | Advance planning and preparation. Specify the on-going actions that the corporation expects to take throughout each year to plan and prepare for an electrical emergency. State the corporation's procedures to update at least semiannually its lists of contact persons, with titles, addresses, phone numbers and other pertinent data for the following: | Section 3 Section 14.3 Appendix L |
| § 105.4 (b) (5) (i) | all utility personnel assigned service restoration responsibilities; | Section 14.3 |
| § 105.4 (b) (5) (ii) | mutual aid companies and contractors; | Section 13.2.2 Appendix G |
| § 105.4 (b) (5) (iii) | all life support and other special needs customers; | Section 12.4.2 |
| § 105.4 (b) (5) (iv) | human services agencies; | Section 12.4.2 Section 12.4.3 Appendix F.8 |
| § 105.4 (b) (5) (v) | print and broadcast media; | Section 12.10 Section 12.10.3 Appendix E |
| § 105.4 (b) (5) (vi) | operators/managers of motels, restaurants and dormitories, etc.; | Section 15.6 |
| § 105.4 (b) (5) (vii) | state, county and local elected officials, law enforcement officials, and emergency management and response personnel; | Section 11.1.1 Appendix F |
| § 105.4 (b) (5) (ix) | medical facilities; and | Section 12.6.2 Appendix D |

Figure A.1 (continued) – Cross Reference Spreadsheet with Public Service Law NYCRR 105

| PART 105 SECTION | SECTION TEXT | WHERE ADDRESSED IN PSEG LONG ISLAND PLAN |
|---------------------|---|---|
| § 105.4 (b) (5) (x) | vendors. | Section 15.6.3 |
| § 105.4 | At least annually, the corporation shall verify that all of the preceding data are current. At least semiannually, the corporation shall issue updated lists of known changes to its employees that have plan implementation responsibilities. The procedures should include the corporation's plans to stockpile emergency restoration tools and supplies in loose or kit form. State also, provisions for the preparation and distribution of literature or other forms of communication with information on customer storm preparations. Such information should address storm survival without electric power and safety precautions regarding electrical hazards such as downed wires and the use of portable generators. | Section 1.1 Section 13.1.3 Section 13.5.2 Section 14.3 Section 15.4.3 Section 15.6.4 |
| § 105.4 (b) (6) | Emergency anticipation. Identify the preparatory measures corporate management would implement in anticipation of a potential system emergency expected to affect the service territory within hours or days. Identify the criteria under which key personnel with service restoration responsibilities would either be notified of an impending emergency or deployed to assigned areas, and any special precautions that would be taken. | Section 14.3 Section 4 Section 5 |
| § 105.4 (b) (7) | Service restoration procedures. Provide the corporation's procedures for mobilizing its personnel, materials and equipment in order to survey system damage and implement measures to ensure timely, efficient and safe restoration of service to customers in areas damaged by a storm or other storm-like electric emergency. The procedures need to identify restoration priorities to ensure that restoration time is minimized, while ensuring critical customers' needs are met. Include a listing of the priorities for service restoration among customer groups in these procedures. Identify criteria for determining when centralized versus decentralized control is appropriate. For those severe emergencies when field damage assessments are needed, describe the methods for making, within 24 hours, broad scale preliminary assessments of the nature and extent of system damage based on rapid surveys of damaged areas and other data sources, and for making, within 48 hours, more detailed estimates of system damage based on systematic field surveys. Describe how field reports of system damage will be integrated with damage reports or indicators from other sources, such as customer call-ins, in order to make a reasonably accurate assessment of system damage and reliable projections of the personnel, equipment, materials and time that will be needed to rapidly and safely achieve service restoration goals in all damaged areas. Provide the procedures for deploying company and mutual aid crews to work assignment areas, monitoring crew activity, reassigning crews as necessary and releasing crews, under both centralized and decentralized command modes. Describe the methods and means that will be used to communicate with damage survey crews and service restoration crews. Identify the procedures for coordinating company restoration procedures with those of other utilities' restoration efforts and with state and local emergency management and public works agency efforts. | Section 6 Section 7 Section 8 Section 13 |
| § 105.4 (b) (8) | Personnel responsibilities. Provide a narrative and chart of the organization and operational assignments of personnel to be mobilized for each emergency classification identified. State the areas of management and supervisory responsibility and functions to be performed at each emergency classification level. Include the procedures for contacting and managing all personnel assigned duties under the emergency restoration plan at both the corporate and operating division level. | Section 2 Section 5 Section 6 |

Figure A.1 (continued) – Cross Reference Spreadsheet with Public Service Law NYCRR 105

| PART 105 SECTION | SECTION TEXT | WHERE ADDRESSED IN PSEG LONG ISLAND PLAN |
|---------------------|--|--|
| § 105.4 (b) (9) | Customer contacts. Provide the corporation's procedures and facilities for handling the extraordinary volume of customer calls that are normally placed during emergency events. Include a description of the type of messages that may be given to call-in customers regarding projections for service restoration or other pertinent information. State the overall corporate goals for answering customer calls during electric emergencies including, but not limited to, plans for staffing levels, number of positions activated, use of pre-recorded messages, means of providing updated information to customer service representatives, and the means of monitoring calls received and answered at the utility's office and, to the extent possible, at telephone company switching offices serving the utility's office. State the procedures for contacting within 24 hours, and policies for responding to the needs of, life support customers (those who require electrically operated machinery to sustain basic life functions) during an electrical emergency. State the procedures for contacting other special needs customers such as the elderly, the vision-impaired, the hearing and speech-impaired, the mobility- impaired and human service agencies representing these customers, along with policies for handling inquiries and requests for assistance from them. Describe the corporation's method for estimating dry ice needs during an emergency period projected to last more than 48 hours and arrangements for obtaining and distributing dry ice to designated customer groups. State also the means of making out-of-service customers aware of the availability and the location, dates, hours and amounts of dry ice to be distributed. | Section 12.4.3 Section 12.5 Section 12.5.1 |
| § 105.4 (b) (10) | Communications. Provide the corporation's procedures and facilities for establishing and maintaining external communications exchanges regarding damage and restoration progress with customers in general, human service agencies, the media, the Department of Public Service, the State Emergency Management Office and other state agencies, county and local governments, emergency response services, and law enforcement agencies, etc. Include the identification of any dedicated phone lines, the designation of any special company representative to act as liaison with government entities, and any special provisions that may be required for dealing with critical facilities. State the corporation's planned frequency of communication updates to the media. | Section 11.1 Section 11.2 Section 11.3 Section 11.4 Section 12.5 Section 12.6.2 Appendix F |
| § 105.4 (b) (11) | Outside aid. State corporate policy and criteria governing conditions under which requests for service restoration aid from other utilities, contractors, government agencies or others would be made and the procedures to be followed in obtaining outside aid. | Section 5 Section 13.2.1 Appendix G |
| § 105.4 (b) (12) | Support services. Describe the actions that will be taken, and who will be responsible for implementing them to sustain and support restoration crew activities. These shall include vehicle management; foreign crew accommodations, e.g., housing, food and transportation; and distribution of warehouse supplies, e.g., materials, tools, parts and equipment needed in the restoration process. | Section 15 |
| § 105.4 (c) | Within 60 days following completion of service restoration in an emergency where the restoration period exceeds three days, each electric corporation shall submit to the Secretary of the Public Service Commission a review of all aspects of its preparation and system restoration performance. | Section 17.3 |
| § 105.4 (d) | Each electric corporation may submit such additional information and plans as it believes necessary or desirable to fulfill the purposes of this Part. | ----- |
| § 105.4 (e) (1) | Each electric corporation may delete the names and phone numbers of its employees and outside contact persons from the copies of plans filed with the commission and available for public inspection at its corporate headquarters. Such deleted information shall be subject to inspection by the commission or Department of Public Service employees. | PSEG Long Island will provide DPS a redacted copy of the Emergency Restoration Plan for public viewing |

Figure A.1 (continued) – Cross Reference Spreadsheet with Public Service Law NYCRR 105

| PART 105 SECTION | SECTION TEXT | WHERE ADDRESSED IN PSEG LONG ISLAND PLAN |
|---------------------|---|---|
| § 105.4 (e) (2) | Any electric corporation may request that the commission designate as confidential any information required to be submitted in emergency plans. Confidential information may include, for example, internal security matters. Such requests shall identify the specific information requested to be treated as confidential and shall explain why confidentiality is sought. Unless the commission directs otherwise, such information shall not be included in the plans available for public inspection. | ----- |
| § 105.5 | Commission review and approval. Upon receipt and review of emergency plans or amendments filed by an electric corporation under this Part, the commission may require any such corporation to modify such plans or amendments or otherwise prescribe conditions for approval. Approval will be based on compliance with the requirements of this Part. | ----- |
| § 105.6 | Compliance with electric emergency plans | ----- |
| § 105.6 (a) | Each electric corporation shall comply with the guidelines and practices set forth in its effective emergency plans. Each electric corporation shall comply with any additional electric emergency plan requirements that may be imposed by the commission. | ----- |
| § 105.6 (b) | Under emergency conditions, an electric corporation may modify its response from that in the filed electric emergency plan to the extent required to restore service in a safe and efficient manner. However, modifications and the circumstances that caused them shall be reported in writing to the secretary of the commission within 60 days from restoration of full service. Minor changes such as telephone numbers, personnel changes, etc., need not be reported, but as soon as practicable should be made to the plans. | ----- |

Figure A.1 (continued) – Cross Reference Spreadsheet with Public Service Law NYCRR 105

Appendix B – ERIp Titles and Descriptions

| TITLE | DESCRIPTION |
|--|--|
| General | |
| ERIP-GEN-001 – ERIp Table of Contents | This document lists all of the ERIps, sorted by ICS organization. |
| ERIP-GEN-002 – ERIp Summaries | This document provides a brief description of all of the ERIps. |
| ERIP-GEN-003 – Storm Activation Protocols | This procedure describes the internal classifications to determine storm levels and the decision-making process behind the activation of the Emergency Restoration Plan (ERP) and Emergency Response Implementation Procedures (ERIPs), either partially or in totality. |
| Safety, Health, Environmental (SHE) | |
| ERIP-SHE-001 – Environmental Protocols During Restoration Events | This procedure details the roles and responsibilities required to secure/maintain contracts with Environmental Contractors, control and maintain spills during restoration events, and reconcile invoices. |
| Legal | |
| | |
| Liaison | |
| ERIP-LIA-001 – Activation and Operation of Coordinated Municipal Conference Calls (External Affairs) | The purpose of this procedure is to ensure that municipal and government officials and their emergency and/or operation leads are provided appropriate emergency preparedness and recovery information related to incidents that impact the electric system. This procedure also establishes a process to communicate and coordinate with intended participants through regular pre-, during, and post-event conference calls. |
| ERIP-LIA-002 – External Affairs and EOC / Municipal Liaison Operations Guidelines | The purpose of this procedure is to provide an overview of the Liaison Officer/ District Managers storm process and the utilization of Liaisons to the Emergency Operation Centers (EOCs) of Nassau County, New York City (NYC), Suffolk County, and New York State, as well as local villages and municipalities. |
| Planning | |
| ERIP-PLN-001 – Checklist Protocols During Restoration Events | The purpose of this procedure is to document the process for initiating, obtaining, completing, and collecting restoration checklists. |
| ERIP-PLN-002 – Restoration Calls and Documentation Protocols | The purpose of this procedure is to detail restoration call types, frequencies (time frames), and participants involved. In addition, it highlights the process for capturing appropriate information and dissemination to affected parties. |
| ERIP-PLN-003 – Storm Reporting Protocols | The purpose of this document is to provide instruction on generating storm reports. This ERIp will list the person(s) responsible for creating the report, how to create the report, and how often the report should be generated. |
| ERIP-PLN-004 – Storm Event Operations Matrix | This procedure outlines the use of the Storm Event Operations Matrix (also referred to as “Matrix” within this document) as a tool for collecting, consolidating, reporting and sharing information concerning a decentralized storm restoration event. It describes the use of the Matrix spreadsheet as a means for conveying various important information about the storm restoration event. |
| ERIP-PLN-005 – DPS Scorecard Protocols | This procedure details the scorecard metrics, definition and measurement criteria, points awarded, metric owner, and the source in which the data can be obtained. |
| ERIP-PLN-006 – Dispatching and Restoring Parallel Generation with Independent Power Producers | This procedure describes those steps necessary to maintain safe operating conditions between LIPA electric transmission and distribution facilities and Independent Power Producers before, during, and after the passage of a severe storm (forecasted or actual Condition III “Red” event) or other forecasted or actual system emergency or system pre-emergency. |

| TITLE | DESCRIPTION |
|---|--|
| Communications | |
| ERIP-COM-001 – Emergency Communications to Managed Accounts and Non-Managed Critical Facilities | This procedure outlines the pre- and post-emergency notifications to Managed Accounts and Critical Facilities by the Account Management Large Customer Support (LCS) team. |
| ERIP-COM-002 – Life Support Equipment Notification Process | This document defines the procedure for notifying and maintaining contact and support with Life Support (LSE) customers during storm or power related emergencies. |
| ERIP-COM-003 – Customer Assistance Center Operations – Emergency Conditions | The purpose of this procedure is to ensure adequate staffing levels in the Customer Assistance Center (CAC) and to describe the operation of the CAC under major storm conditions, in order to optimize restoration efforts and provide best-in-class customer service. |
| ERIP-COM-004 – Community Outreach Centers | This procedure provides the Customer Care and Community Outreach Coordinator and the Community Outreach Manager with pre- and post-emergency implementing action guidelines. |
| ERIP-COM-005 – Customer Complaint / DPS Storm Response Protocols | This procedure outlines the responsibilities of the Department of Public Service (DPS) Support team (Customer Relations) during restoration events. It also defines the roles of the DPS Manager and supporting team in interacting with DPS and the handling of storm related customer complaints. |
| ERIP-COM-006 – Escalation Processing Protocols | This procedure describes the coordinated actions of PSEG Long Island personnel to assure critical facility and municipal electric outages are properly processed and, when necessary, escalated through service restoration. It details the internal roles and responsibilities of PSEG Long Island personnel found within the Escalation Processing Team, as well as how Customer Service personnel coordinate and escalate Municipal (Muni) Portal outages and/or Escalation Tracker entries with the Operations Section |
| ERIP-COM-007 – Corporate Communications Protocols During Restoration Events | This procedure describes the coordinated actions taken to assure PSEG Long Island customers and stakeholders are provided appropriate information related to incidents that impact the electric system within the service territory. The focus is to bring together the Corporate Communications team with Customer Service and Electric Operations to discuss and prepare information for release. This procedure details the responsibilities of the organizations participating in the Corporate Communications. |
| Logistics | |
| ERIP-LOG-001 – Security Protocols During Restoration Events | This procedure details the roles and responsibilities required to secure/maintain contracts with security vendors, mobilize and demobilize security staff, and reconcile invoices. |
| ERIP-LOG-002 – Fleet/Fuel Protocols During Restoration Events | This procedure details the roles and responsibilities required to secure/maintain contracts with fleet/fuel vendors, mobilize and demobilize fleet/fuel assets, and reconcile invoices. |
| ERIP-LOG-003 – Real Estate Protocols During Restoration Events | This procedure details the roles and responsibilities required to utilize non-PSEG Long Island properties during restoration events and document the site usage. |
| ERIP-LOG-004 – Facilities Protocols During Restoration Events | This procedure details the roles and responsibilities required to secure and/or maintain facility service functions, respond to facility service requests, and reconcile invoices. |
| ERIP-LOG-005 – Lodging Protocols During Restoration Events | This procedure details the lodging processes utilized to obtain temporary housing accommodations for assisting Foreign Utility Crews and/or PSEG Long Island personnel during storm restoration events or other system emergencies when conditions warrant such arrangements. |
| ERIP-LOG-006 – Busing Protocols During Restoration Events | This procedure details the roles and responsibilities required to secure/maintain contracts with busing contractor(s), mobilize and demobilize transportation services, and reconcile invoices. |
| ERIP-LOG-007 – IT/Communications Protocols During Restoration Events | This procedure details the roles and responsibilities required to setup, test, and maintain IT/Communications networks, equipment, and applications during restoration events. |
| ERIP-LOG-008 – Meals Protocols During Restoration Events | The purpose of this procedure is to outline the processes utilized to procure food services for PSEG Long Island employees, support personnel, and Foreign Crews during restoration events or other system emergencies. |

| TITLE | DESCRIPTION |
|--|---|
| Logistics (continued) | |
| ERIP-LOG-009 – Material Distribution Protocols During Restoration Events | The purpose of this procedure is to outline the processes utilized to inventory, replenish, track, deliver, and return materials, tools, and/or storm kits that are issued for use during restoration events or other system emergencies. |
| ERIP-LOG-010 – Staging Site Protocols During Restoration Events | The purpose of this procedure is to outline the responsibilities and associated processes centered around the activation, operation, and demobilization of staging sites during restoration events or other system emergencies. |
| Operations | |
| ERIP-OPS-001 – Foreign Crew Processing Protocols During Restoration Events | This procedure outlines PSEG Long Island’s procedures for processing Foreign Utility Crews and associated support personnel during restoration events. It details the activation of the Foreign Crew Processing Organization, Foreign Crew Processing Center, and Foreign Crew Reception Staging Area. Furthermore, the procedure details the functional units of the Foreign Crew Processing Organization and their associated roles and responsibilities. |
| ERIP-OPS-002 – Remote Dispatch Center Activation Protocols | The purpose of the procedure is to detail the activities necessary to activate and prepare Dispatch Areas for restoration work. |
| ERIP-OPS-003 – Outage/Damage Incident Protocols | The purpose of the procedure is to detail the activities necessary to perform decentralized storm restoration. |
| ERIP-OPS-004 – Outage/Damage Assessment Protocols | The purpose of the Outage/Damage Assessment procedure is to detail the overall activities necessary to perform decentralized storm Damage Assessment restoration. |
| ERIP-OPS-005 – Outage/Damage Repair Protocols | The purpose of the Outage/Damage Repair procedure is to detail the overall activities necessary to perform tasks required for the outage/damage repair of a decentralized storm restoration. |
| ERIP-OPS-006 – ETR Instructions (Operations) | This procedure details the process for the development of ETRs by PSEG Long Island T&D Operations which is used in customer and stakeholder outage communications during Condition III Red events. This procedure also discusses the NYS DPS ETR requirements and associated metrics approved by the NYS Public Service Commission for large scale storm events. |
| ERIP-OPS-007 – Remote Dispatch Center Re-Deployment and Demobilization Protocols | The purpose of the procedure is to detail the activities necessary to perform decentralized storm restoration. |
| ERIP-OPS-008 – Primary Control Protocols | The purpose of the procedure is to detail the activities necessary to perform the Outage/Damage Incident Primary Control (PRC) Process of the Outage Restoration Model. |
| ERIP-OPS-009 – Storm Work Plan Protocols | The purpose of the procedure is to detail the activities necessary to perform decentralized storm restoration during a multi-day event where it becomes necessary to provide a focused effort on effectively scheduling the incidents based upon prioritization criteria and available crew and equipment resources. |
| ERIP-OPS-010 – Circuit Damage Assessment Protocols | The purpose of the procedure is to detail the activities necessary to perform damage assessment for “Circuit Mainline Rapid” and “Closed Fuse Detail 1” for storm restoration. |
| ERIP-OPS-011 – Wire Watcher Protocols | The purpose of this procedure is to outline the responsibilities and actions required of Wire Watchers, when assigned to stand by downed electric wires. It also describes the mobilization and dispatch operation of Wire Watchers from various departments within PSEG Long Island, as well as outside contractors and New York State National Guard (if mobilized), during major storm events. |
| ERIP-OPS-012 – Outage/Damage Find and Fix Repair Protocols | The purpose of the procedure is to detail the activities necessary to locate and repair circuits during storm restoration. |
| ERIP-OPS-013 – Call Back Protocols | The purpose of the procedure is to detail the activities necessary to update the Customer Outage status. |
| ERIP-OPS-014 – Crew Guide Protocols During Restoration Events | This procedure provides information and instructions to the personnel assigned as Crew Guides to the Utility Crews from outside of PSEG Long Island. |
| ERIP-OPS-015 – Decentralized Outage Restoration Model | The purpose of the Decentralized Outage Restoration Model process is to detail the overall processes/activities necessary to perform decentralized storm restoration. |

| TITLE | DESCRIPTION |
|---|---|
| Operations (continued) | |
| ERIP-OPS-016 – National Guard Assistance | The purpose of this procedure is to detail the process for requesting and obtaining National Guard assistance. |
| ERIP-OPS-017 – Make Safe to Clear – Assistance to Long Island Municipalities Clearing Critical Roadways | The purpose of this procedure is to provide the guidelines for establishing Make Safe to Clear (MSTC) Teams to respond to municipal requests to PSEG Long Island for assistance in the clearing of priority/critical roads. |
| ERIP-OPS-018 – TelCo – PSEG LI Joint Restoration Instructions | The purpose of this procedure is to describe working protocols between PSEG Long Island and TelCo providers during applicable major storms/system emergencies. |
| ERIP-OPS-019 – CaTV – PSEG LI Joint Restoration Instructions | The purpose of this procedure is to describe the working protocols between PSEG Long Island and CaTV providers during applicable major storms/system emergencies. |
| ERIP-OPS-020 – GasCo – PSEG LI Joint Restoration Instructions | The purpose of this procedure is to describe working protocols between PSEG Long Island and GasCo providers during applicable major storms/system emergencies. |
| ERIP-OPS-021 – Emergency De/Re-Energization for Homes and Businesses | The purpose of this procedure is to describe the necessary actions to be taken by PSEG Long Island and their customers to restore electric service when PSEG Long Island determines that post-incident flood assessments are required. |
| ERIP-OPS-022 – Emergency De/Re-Energization for Substations and Large Areas | The purpose of this procedure is to describe the necessary actions to be taken by PSEG Long Island when it is determined that substations/ equipment need to be de-energized to safeguard them from the impact of storm surge and flooding or when requests are received from municipalities/ local jurisdictions to de-energize electric service to an area(s). It also discusses preventive measures that are in place at substations that mitigate the impact of storm surge and flooding. |
| ERIP-OPS-023 – Wire Down Survey | The purpose of this procedure is to define the steps necessary to screen and survey "Wire Down" calls and to provide accurate information to the Division Wire Down Coordinators in order to respond to DPS protocols. |
| ERIP-OPS-024 – Estimating Storm Damage and Restoration Time | The purpose of this procedure is to provide a methodology for making early estimates of the number of customers out of service and the number of primary and secondary damage locations. These estimates are based on transmission and distribution lockouts. |
| ERIP-OPS-025 – Mobilization of Personnel | The purpose of this procedure is to provide for the orderly and effective notification and mobilization of the Emergency Restoration Organization when the decision is made to declare Condition III "Red." It describes the process for notifying restoration personnel to mobilize for restoration duty. |
| ERIP-OPS-026 – Obtaining Foreign Crew Support | The purpose of this procedure is to specify how to obtain outside assistance via local contractors, the North Atlantic Mutual Assistance Group (NAMAG) process, NYS National Guard, and the National Response Event (NRE) process, when applicable. |
| ERIP-OPS-027 – Emergency Switching – Distribution System | The purpose of this procedure is to provide for the safe emergency operation of distribution feeder breakers and line sectionalizing devices on radial distribution feeders. |
| ERIP-OPS-028 – Manning Substations without Supervisory Control | The purpose of this procedure is to provide instructions for dispatching personnel to substations that are not centrally monitored. |
| ERIP-OPS-029 – Patrol and Restoration of Transmission Circuits | The purpose of this procedure is to provide a method by which adequate transmission sources can be reestablished and maintained. |
| ERIP-OPS-030 – Assigning Repair Jobs by Priority | The purpose of this procedure is to establish a method for assigning repair work with priorities in order to create an orderly and efficient system for restoring customers. |
| ERIP-OPS-031 – Mobilization and Dispatch of Electric Line Crews | The purpose of this procedure is to describe the process of dispatching high voltage crews in the Electric Design & Construction Department. |
| ERIP-OPS-032 – Mobilization and Dispatch of Two-Man Makeup Crews | The purpose of this procedure is to provide instructions for activating and dispatching Two-Man Makeup Crews. |
| ERIP-OPS-033 – Division Support Instructions | The purpose of this procedure is to detail the actions taken by the Division Support Coordinator. |
| ERIP-OPS-034 – Survey Team Instructions | The purpose of this procedure is to describe two types of field damage survey: Rapid Survey and Restoration Survey. |

| TITLE | DESCRIPTION |
|--|--|
| Operations (continued) | |
| ERIP-OPS-035 – Placing Substations into Local Control | The purpose of this procedure is to describe the various steps necessary to establish which substations should be placed into local control and in what order. |
| ERIP-OPS-036 – Lockout Information Coordination | The purpose of this procedure is to describe the means of providing transmission and distribution lockout information system conditions to assess weather-caused damage to the T&D system and determine appropriate corrective measures. |
| Finance | |
| ERIP-FIN-001 – Storm Accounting Protocols | This procedure describes requirements for charging costs to a Storm Event and associated accounting, reporting, and record keeping procedures, as defined by the Amended & Restated Operations Services Agreement (A&R OSA), and in support of FEMA Public Assistance (PA) and other State/Local requirements. |
| ERIP-FIN-002 – Cost Reconciliation and Substantiation for Restoration Events | The purpose of this ERIP is to supplement and support the processes described in ERIP-FIN-001, “Storm Accounting Protocols” and assist with the reconciliation of documentation and, further, the substantiation of any incurred cost throughout the four phases of a Storm Event. |
| ERIP-FIN-003 – Use of Personal Vehicles | This procedure describes the method used to lease a personal vehicle from an employee during larger scale storm events or other system emergencies. It includes the use of the Lease Authorization and Insurance of Private Vehicle form. |

Figure B.1 – ERIP Titles and Descriptions

Appendix C – Restoration Checklists

| TITLE |
|--|
| General |
| |
| Safety, Health, Environmental (SHE) |
| The SHE Officer Checklist is listed as CL-LOG-002 |
| Legal |
| CL-LEG-001 – Legal Officer Checklist |
| Liaison |
| CL-LIA-001 – Liaison Officer Checklist |
| Communications |
| CL-COM-002 – Assistant Public Information Officer for Corporate Communications Checklist |
| CL-COM-003 – Customer Assistance Center Coordinator Checklist |
| CL-COM-004 – Customer Care and Community Outreach Coordinator Checklist |
| CL-COM-005 – Large Customer and Customer Relations Coordinator Checklist |
| CL-COM-006 – Escalation Processing Coordinator Checklist |
| CL-COM-007 – Life Support Equipment Manager Checklist |
| CL-COM-008 – Major Accounts Manager Checklist |
| Operations |
| CL-OPS-001 – Operations Section Chief Checklist |
| CL-OPS-003 – SPT Group Supervisor Checklist |
| CL-OPS-005 – Foreign Crew Processing Area Manager Checklist |
| CL-OPS-007 – Transmission Survey & Operations Control Group Supervisor Checklist |
| Planning |
| CL-PLN-001 – Planning Section Chief Checklist |
| Logistics |
| CL-LOG-001 – Logistics Section Chief Checklist |
| CL-LOG-002 – SHE Officer Checklist |
| CL-LOG-003 – Support Branch Director Checklist |
| CL-LOG-004 – Staging Site Area Manager Checklist |
| CL-LOG-005 – Service Branch Director Checklist |
| CL-LOG-006 – Fleet Maintenance & Fueling Unit Leader Checklist |
| CL-LOG-007 – Facilities Unit Leader Checklist |
| CL-LOG-008 – Real Estate Unit Leader Checklist |
| CL-LOG-009 – Information Technology & Communications Unit Leader Checklist |
| CL-LOG-010 – Security Unit Leader Checklist |
| CL-LOG-011 – Materials Procurement Unit Leader Checklist |
| CL-LOG-012 – Materials Distribution Unit Leader Checklist |
| CL-LOG-013 – Lodging Unit Leader Checklist |
| CL-LOG-014 – Busing Unit Leader Checklist |
| CL-LOG-015 – Meals Unit Leader Checklist |
| Finance |
| |

Figure C.1 – Restoration Checklists

Appendix D – Critical Facilities

The Large Customer Support and Critical Facilities team is divided by segments and the contact information for each Segment and Account Manager is shown in Figure D.1

[illegible]

Figure D.1 – LCS Account Manager and Support Assignments by Segment

Figure D.2 on the following pages shows a list of all Critical Facilities for Tiers 1, 2 and 3. The table is summarized and includes the Critical Facility Description, Market Segment, Primary Parent Customer (when applicable), Customer Name, and Address. This summary table is pulled from a comprehensive internal list that includes all of the following fields:

- Market Segment
- Primary Parent Customer
- Customer Name
- Address
- Town, State
- Restoration Description (Critical Facility Description)
- Restoration Code (Critical Facility Code)
- Electric Rate
- Account
- Account Grid
- Circuit ID
- Electric Meter ID
- Electric Service Division

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
|----------------|----------------------------|--------------------------------|----------------------|---------------------|-----------------|
| AIRPORT | FEDERAL/STATE GOVT | FEDERAL AVIATION ADMIN | FED AVIATION ADMIN | FT TILDEN AV | NEPONSIT NY |
| AIRPORT | FEDERAL/STATE GOVT | FEDERAL AVIATION ADMIN | FED AVIATION ADMIN | FAEA-3982 | ISLAND PARK NY |
| AIRPORT | FEDERAL/STATE GOVT | FEDERAL AVIATION ADMIN | FED AVIATION ADMIN | OAKFIELD AV | WANTAGH NY |
| AIRPORT | FEDERAL/STATE GOVT | FEDERAL AVIATION ADMIN | FED AVIATION ADMIN | FAEA-7502 | PLAINVIEW NY |
| AIRPORT | FEDERAL/STATE GOVT | FEDERAL AVIATION ADMIN | FED AVIATION ADMIN | COMMACK RD | DEER PARK NY |
| AIRPORT | FEDERAL/STATE GOVT | FEDERAL AVIATION ADMIN | FED AVIATION ADMIN | 306 CEDAR CT | COPIAGUE NY |
| AIRPORT | FEDERAL/STATE GOVT | FEDERAL AVIATION ADMIN | FED AVIATION ADMIN | ROUTE 110 2C60107 | FARMINGDALE NY |
| AIRPORT | FEDERAL/STATE GOVT | FEDERAL AVIATION ADMIN | FED AVIATION ADMIN | FA1 2525 | E ISLIP NY |
| AIRPORT | FEDERAL/STATE GOVT | FEDERAL AVIATION ADMIN | FED AVIATION ADMIN | LIDGE DR | FARMNGVILLE NY |
| AIRPORT | FEDERAL/STATE GOVT | FEDERAL AVIATION ADMIN | FED AVIATION ADMIN | 1125 RAILROAD AV | RONKONKOMA NY |
| AIRPORT | FEDERAL/STATE GOVT | FEDERAL AVIATION ADMIN | DOT FAA ASR-9 FACLT | RAILROAD AV | RONKONKOMA NY |
| AIRPORT | FEDERAL/STATE GOVT | FEDERAL AVIATION ADMIN | FED AVIATION ADMIN | RAILROAD AV SS | HOLBROOK NY |
| AIRPORT | FEDERAL/STATE GOVT | FEDERAL AVIATION ADMIN | FED AVIATION ADMIN | SMITHTOWN AV WS | BOHEMIA NY |
| AIRPORT | FEDERAL/STATE GOVT | FEDERAL AVIATION ADMIN | FED AVIATION ADMIN | SMITHTOWN AV | BOHEMIA NY |
| AIRPORT | FEDERAL/STATE GOVT | FEDERAL AVIATION ADMIN | FAA 95-C 60520 | 4205 JOHNSON AV | RONKONKOMA NY |
| AIRPORT | FEDERAL/STATE GOVT | FEDERAL AVIATION ADMIN | FED AVIATION ADMIN | SUNSET DR | MASTIC NY |
| AIRPORT | FEDERAL/STATE GOVT | FEDERAL AVIATION ADMIN | FED AVIATION ADMIN | ROUTE 25A | CALVERTON NY |
| AIRPORT | FEDERAL/STATE GOVT | FEDERAL AVIATION ADMIN | FED AVIATION ADMIN | RIVERHEAD SPEONK RD | RIVERHEAD NY |
| AIRPORT | FEDERAL/STATE GOVT | FEDERAL AVIATION ADMIN | FED AVIATION ADMIN | PAULS LA | BRIDGEHMPTN NY |
| AIRPORT | FEDERAL/STATE GOVT | NYS DEPT OF TRANSPORTATION | DOT-FAA-FED BLDC | 1515 STEWART AV | WESTBURY NY |
| AIRPORT | FEDERAL/STATE GOVT | NYS DEPT OF TRANSPORTATION | NYS DEPT TRANSPORT | BROADHOLLOW RD | FARMINGDALE NY |
| AIRPORT | FEDERAL/STATE GOVT | NYS OFFICE OF GENERAL SERVICES | ST OF NY-DEPT OF MIL | SMITHTOWN AV | RONKONKOMA NY |
| AIRPORT | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFF COUNTY DPW | RIVERHEAD RD | WHAMPT BCH NY |
| AIRPORT | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF BROOKHAVEN | TOWN OF BKHVN DEPT | DAWN DR | SHIRLEY NY |
| AIRPORT | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF BROOKHAVEN | TOWN OF BROOKHAVEN | 135 DAWN DR | SHIRLEY NY |
| AIRPORT | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF BROOKHAVEN | TOWN OF BROOKHAVEN | WINTERS RD | SHIRLEY NY |
| AIRPORT | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF ISLIP | TOWN OF ISLIP DBA LI | EDWARDS ST | BAYPORT NY |
| AIRPORT | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF ISLIP | TOWN OF ISLIP | 150 ARRIVAL DR | RONKONKOMA NY |
| AIRPORT | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF ISLIP | TOWN OF ISLIP | 100 ARRIVAL AV | RONKONKOMA NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
|------------------------|----------------------------|---------------------------------|-------------------------------|---------------------|-----------------|
| AIRPORT | NON-MANAGED | N/A | FLIGHTWAYS INC | FULTON ST | FARMINGDALE NY |
| AIRPORT | NON-MANAGED | N/A | BAYPORT AERODROME | INWOOD ST | BAYPORT NY |
| AIRPORT | NON-MANAGED | N/A | TOWN OF ISLIP | CLARK DR | BOHEMIA NY |
| AIRPORT | NON-MANAGED | N/A | EXCELAIRE SVCS INC | 2221 SMITHTOWN AV | RONKONKOMA NY |
| AIRPORT | NON-MANAGED | N/A | MATTITUCK AIRPORT | 410 AIRWAY DR | MATTITUCK NY |
| AIRPORT | NON-MANAGED | N/A | AERONAUTICAL RADIO | QUOGUE RIVERHEAD RD | RIVERHEAD NY |
| AIRPORT | NON-MANAGED | N/A | AERONAUTICAL RADIO | EDGE OF WOODS RD | SOUTHAMPTON NY |
| CIVIL DEFENSE FACILITY | FEDERAL/STATE GOVT | NYS DEPT OF PARKS | MONTAUK HISTORICAL | MONTAUK POINT RD | MONTAUK NY |
| CIVIL DEFENSE FACILITY | FEDERAL/STATE GOVT | NYS OFFICE OF GENERAL SERVICES | NY STATE OFF GEN SER | VETS HWY | HAUPPAUGE NY |
| CIVIL DEFENSE FACILITY | NAS/SUF COUNTY GOVT TWNSPS | CITY OF GLEN COVE | CITY OF GLEN COVE | 16 BRIDGE ST | GLEN COVE NY |
| CIVIL DEFENSE FACILITY | NAS/SUF COUNTY GOVT TWNSPS | CITY OF LONG BEACH | CITY OF LONG BEACH | W CHESTER ST | LONG BCH NY |
| CIVIL DEFENSE FACILITY | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | COUNTY OF NASSAU | EISENHOWER PARK | E MEADOW NY |
| CIVIL DEFENSE FACILITY | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFFOLK CTY DPWC0110 | PINE ST | YAPHANK NY |
| CIVIL DEFENSE FACILITY | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF BABYLON | TOWN OF BABYLON COMPTROLLER | 200 E SUNRISE HWY | LINDENHURST NY |
| CIVIL DEFENSE FACILITY | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF BROOKHAVEN | TWN BRKHVN AUX POLIC | TERRYVILLE RD | PT JEFF STA NY |
| CIVIL DEFENSE FACILITY | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF EAST HAMPTON | TOWN OF E HAMPTON | 159 PANTIGO RD | E HAMPTON NY |
| CIVIL DEFENSE FACILITY | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF HEMPSTEAD | TOWN OF HEMPSTEAD | 350 FRONT ST | HEMPSTEAD NY |
| CIVIL DEFENSE FACILITY | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF HUNTINGTON | TOWN OF HUNTINGTON | E MAIN ST | HUNTINGTON NY |
| CIVIL DEFENSE FACILITY | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF ISLIP | TOWN OF ISLIP | 655 MAIN ST | ISLIP NY |
| CIVIL DEFENSE FACILITY | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF NORTH HEMPSTEAD | TOWN NORTH HEMPSTEAD | 220 PLANDOME RD | MANHASSET NY |
| CIVIL DEFENSE FACILITY | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF OYSTER BAY | TOWN OF OYSTER BAY | 74 AUDREY AV | OYSTER BAY NY |
| CIVIL DEFENSE FACILITY | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF SMITHTOWN | TOWN OF SMITHTOWN | 758 NESCONSET HWY | SMITHTOWN NY |
| CIVIL DEFENSE FACILITY | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF SMITHTOWN | TOWN OF SMITHTOWN | 99 W MAIN ST | SMITHTOWN NY |
| CIVIL DEFENSE FACILITY | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF SOUTHAMPTON | SOUTHAMPTN TOWN HALL | MONTAUK HWY | SOUTHAMPTON NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | BALDWIN SCHOOL DISTRICT | UFSD 10 | HASTINGS ST | BALDWIN NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | EAST ROCKAWAY SCHOOL DISTRICT | EAST ROCKAWAY S | OCEAN AV | E ROCKAWAY NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | FARMINGDALE SCHOOL DISTRICT | UNION FREE SCHOOL | 150 LINCOLN ST | FARMINGDALE NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | FRANKLIN SQUARE SCHOOL DISTRICT | UNION FREE SCHOOL DISTRICT 17 | WASHINGTON ST | FRANKLIN SQ NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | GARDEN CITY SCHOOL DISTRICT | GARDEN CITY UFSD 18 | ROCKAWAY AV | GARDEN CITY NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | GLEN COVE SCHOOL DISTRICT | GLEN COVE CITY SCHLS | DOSORIS LA | GLEN COVE NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | GLEN COVE SCHOOL DISTRICT | GLEN COVE CITY SCHLS | DOSORIS LA | GLEN COVE NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | GREAT NECK SCHOOL DISTRICT | GREAT NECK UFSD 7 | 10 CAMPBELL ST | NEW HYDE PK NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | GREAT NECK SCHOOL DISTRICT | UNION SCHOOL DIST 7 | POLO RD | GREAT NECK NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | GREAT NECK SCHOOL DISTRICT | UNION FREE SCH DIST7 | POLO RD | GREAT NECK NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | GREAT NECK SCHOOL DISTRICT | UN FREE SCH DIST 7 | 77 POLO RD | GREAT NECK NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | HERRICKS SCHOOL DISTRICT | HERRICKS SCHOOL DIST | HAMILTON DR | ROSLYN NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | HICKSVILLE SCHOOL DISTRICT | UFSD 17 SENIOR H S AUDIT DEPT | DIVISION AV | HICKSVILLE NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | ISLAND TREES SCHOOL DISTRICT | IS TREES SCH DIST 26 | STRAIGHT LA | LEVITTOWN NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | LEVITTOWN SCHOOL DISTRICT | LEVITTOWN MEM ED CTR | 11 LAUREL LA W | LEVITTOWN NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | LEVITTOWN SCHOOL DISTRICT | UN FREE SCHOOL DIS 5 | 150 ABBEY LA | LEVITTOWN NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | LOCUST VALLEY SCHOOL DISTRICT | CENTRAL SCHOOL DIS 3 | GODFREY AV | BAYVILLE NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | LOCUST VALLEY SCHOOL DISTRICT | CENTRAL SCHOOL | RYEFIELD RD | LOCUST VLY NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | LOCUST VALLEY SCHOOL DISTRICT | CENTRAL SCHOOL | HORSE HOLLOW RD | LOCUST VLY NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | LONG BEACH SCHOOL DISTRICT | LONG BEACH CITY SCH | LIDO BLVD | LIDO BCH NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | LONG BEACH SCHOOL DISTRICT | LONG BCH SCHOOL | LAGOON DR W | LIDO BCH NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | MANHASSET SCHOOL DISTRICT | UNION FREE SCHOOL | MEMORIAL PL | MANHASSET NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | MASSAPEQUA SCHOOL DISTRICT | MCKENNA SCHOOL | SPRUCE ST | MASS PK NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | MINEOLA SCHOOL DISTRICT | MINEOLA USFD HIGH | ARMSTRONG RD | GDN CITY PK NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | NORTH SHORE SCHOOL DISTRICT | NORTH SHORE SCHOOL | 450 GLEN COVE AV | GLEN HEAD NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | NORTH SHORE SCHOOL DISTRICT | NORTH SHORE SCHOOLS | 505 GLEN COVE AV | GLEN HEAD NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | OYSTER BAY-EAST NORWICH SCHOOL DISTRICT | OYSTER BAY E NORWICH CNTRL SCH | 150 E MAIN ST | OYSTER BAY NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | OYSTER BAY-EAST NORWICH SCHOOL DISTRICT | OYSTER BAY E NORWICH | W MAIN ST | OYSTER BAY NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | OYSTER BAY-EAST NORWICH SCHOOL DISTRICT | OYSTER BAY E NORWICH | 880 OYSTER BAY RD | E NORWICH NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | PLAINVIEW-OLD BETHPAGE SCHOOL DISTRICT | PLAINVIEW-OBETH CSD | 121 CENTRAL PARK RD | PLAINVIEW NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | PORT WASHINGTON SCHOOL DISTRICT | PT WASH SCHOOL DIST | 100 BOGART AV | PT WASH NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | PORT WASHINGTON SCHOOL DISTRICT | PT WASH UFSD | 100 CAMPUS DR | PT WASH NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | SEWANHAKA SCHOOL DISTRICT | SEWANHAKA CENTRAL HS | 210 LOCUST ST | FLORAL PARK NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | SEWANHAKA SCHOOL DISTRICT | BD EDU CEN H SCH 2 | 500 LEONARD BLVD | NEW HYDE PK NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
|------------------------|--------------------------|---|--------------------------------|---------------------|-----------------|
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | VALLEY STREAM CENTRAL HIGH SCHOOL DISTRICT | MEMORIAL JHS | KENT RD | VALLEY STRM NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | VALLEY STREAM SCHOOL DISTRICT 13 | UN FS DS 13 WHLR SH | WHEELER AV | VALLEY STRM NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | WANTAGH SCHOOL DISTRICT | WANTAGH UFSD 23 | BELTAGH AV | WANTAGH NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | WEST HEMPSTEAD SCHOOL DISTRICT | UNION FREE SCHOOL | 250 CORNWELL AV | W HEMPSTEAD NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | WEST HEMPSTEAD SCHOOL DISTRICT | UNION FREE SCHOOL | 347 WILLIAM ST | W HEMPSTEAD NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | WEST HEMPSTEAD SCHOOL DISTRICT | UNION FREE SCHOOL | 400 NASSAU BLVD | W HEMPSTEAD NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | WEST HEMPSTEAD SCHOOL DISTRICT | UNION FREE SCHOOL | 450 NASSAU BLVD | W HEMPSTEAD NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | WEST HEMPSTEAD SCHOOL DISTRICT | WEST HEMPSTEAD UFSD | EAGLE AV | W HEMPSTEAD NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | WEST HEMPSTEAD SCHOOL DISTRICT | UNION FREE SCHOOL | 252 CHESTNUT ST | W HEMPSTEAD NY |
| CIVIL DEFENSE FACILITY | NASSAU K-12 SCHOOLS | WESTBURY SCHOOL DISTRICT | WESTBURY HIGH SCHOOL | 1 POST RD | WESTBURY NY |
| CIVIL DEFENSE FACILITY | NASSAU UNIVERSITIES | CW POST | C W POST COLLEGE | 720 NORTHERN BLVD | O WESTBURY NY |
| CIVIL DEFENSE FACILITY | NASSAU UNIVERSITIES | NASSAU COMMUNITY COLLEGE | NASSAU COMMUNITY COL | CENTRAL UTILITIES | UNIONDALE NY |
| CIVIL DEFENSE FACILITY | NASSAU UNIVERSITIES | SUNY AT OLD WESTBURY | ST UNIVERSITY OF NY BOX 210 | 223 STORE HILL RD | O WESTBURY NY |
| CIVIL DEFENSE FACILITY | NON-MANAGED | N/A | VILLAGE OF LAWRENCE | 101 CAUSEWAY | LAWRENCE NY |
| CIVIL DEFENSE FACILITY | NON-MANAGED | N/A | TOWN OF RIVERHEAD | 200 HOWELL AV | RIVERHEAD NY |
| CIVIL DEFENSE FACILITY | NON-MANAGED | N/A | SOUTHOLD TOWN HALL | MAIN RD | SOUTHOLD NY |
| CIVIL DEFENSE FACILITY | NON-MANAGED | N/A | TOWN OF SHELTER IS | S FERRY RD | SHELTER IS NY |
| CIVIL DEFENSE FACILITY | PRIVATE SCHOOLS - NASSAU | AHRC NASSAU | NAS CTY CHAP ASSN HELP OF RETD | 189 WHEATLEY RD | GLEN HEAD NY |
| CIVIL DEFENSE FACILITY | PRIVATE SCHOOLS - NASSAU | FRIENDS ACADEMY | FRIENDS ACADEMY | DUCK POND RD | GLEN COVE NY |
| CIVIL DEFENSE FACILITY | PRIVATE SCHOOLS - NASSAU | KELLENBERG MEMORIAL | KELLENBERG MEM H S | 1400 GLEN CURTIS BL | UNIONDALE NY |
| CIVIL DEFENSE FACILITY | PRIVATE SCHOOLS - NASSAU | ST BRIGID SCHOOL/OUR LADY OF HOPE REGIONAL SCHOOL | ST BRIGID SCHOOL | MAPLE AV | WESTBURY NY |
| CIVIL DEFENSE FACILITY | SUFFOLK K-12 SCHOOLS | BRENTWOOD SCHOOL DISTRICT | BRENTWOOD UFSD | UDALL RD | BRENTWOOD NY |
| CIVIL DEFENSE FACILITY | SUFFOLK K-12 SCHOOLS | BRENTWOOD SCHOOL DISTRICT | UFSD 12 BRNTWD SR HS | 6TH AV | BRENTWOOD NY |
| CIVIL DEFENSE FACILITY | SUFFOLK K-12 SCHOOLS | COMMACK SCHOOL DISTRICT | UFSD 10 COMMACK SCHL | 700 VANDERBILT PKY | DIX HILLS NY |
| CIVIL DEFENSE FACILITY | SUFFOLK K-12 SCHOOLS | COMSEWOGUE SCHOOL DISTRICT | COMSEWOGUE SCH DIST | N BICYCLE PATH | PT JEFF STA NY |
| CIVIL DEFENSE FACILITY | SUFFOLK K-12 SCHOOLS | DEER PARK SCHOOL DISTRICT | DEER PARK P S DIST 7 | 450 HALF HOLLOW RD | DEER PARK NY |
| CIVIL DEFENSE FACILITY | SUFFOLK K-12 SCHOOLS | EAST HAMPTON SCHOOL DISTRICT | UNION FREE SCHOOL | 76 NEWTOWN LA | E HAMPTON NY |
| CIVIL DEFENSE FACILITY | SUFFOLK K-12 SCHOOLS | EAST HAMPTON SCHOOL DISTRICT | E HAMPTON UFSD | 3 GINGERBREAD LA | E HAMPTON NY |

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|------------------------|----------------------|--------------------------------------|----------------------|--------------------|-----------------|
| CIVIL DEFENSE FACILITY | SUFFOLK K-12 SCHOOLS | EAST ISLIP SCHOOL DISTRICT | EAST ISLIP SR HI SCH | REDMEN ST | ISLIP TERR NY |
| CIVIL DEFENSE FACILITY | SUFFOLK K-12 SCHOOLS | EASTPORT-SOUTH MANOR SCHOOL DISTRICT | EASTPORT SOUTH MANOR | 543 MOR MID IS RD | MANORVILLE NY |
| CIVIL DEFENSE FACILITY | SUFFOLK K-12 SCHOOLS | HAMPTON BAYS SCHOOL DISTRICT | HAMPTON BAYS SCHOOLS | ARGONNE RD | HAMPT BAYS NY |
| CIVIL DEFENSE FACILITY | SUFFOLK K-12 SCHOOLS | HAUPPAUGE SCHOOL DISTRICT | HAUPPAUGE SD | LINCOLN BLVD | HAUPPAUGE NY |
| CIVIL DEFENSE FACILITY | SUFFOLK K-12 SCHOOLS | HAUPPAUGE SCHOOL DISTRICT | HAUPPAUGE SD | VETS HWY | HAUPPAUGE NY |
| CIVIL DEFENSE FACILITY | SUFFOLK K-12 SCHOOLS | LONGWOOD SCHOOL DISTRICT | LONGWOOD CENTRAL SCH | LONGWOOD RD | MIDDLE IS NY |
| CIVIL DEFENSE FACILITY | SUFFOLK K-12 SCHOOLS | MATTITUCK-CUTCHOGUE SCHOOL DISTRICT | D 8 E CUTCHOGUE SCH | MAIN RD | CUTCHOGUE NY |
| CIVIL DEFENSE FACILITY | SUFFOLK K-12 SCHOOLS | MATTITUCK-CUTCHOGUE SCHOOL DISTRICT | MATT-CUTCH USFD | 15125 MAIN RD | MATTITUCK NY |
| CIVIL DEFENSE FACILITY | SUFFOLK K-12 SCHOOLS | NORTH BABYLON SCHOOL DISTRICT | UN FREE SCH DIST 3 | DEER PARK AV | N BABYLON NY |
| CIVIL DEFENSE FACILITY | SUFFOLK K-12 SCHOOLS | PATCHOGUE-MEDFORD SCHOOL DISTRICT | PATCHOGUE MEDFORD PU | SAXTON AV | PATCHOGUE NY |
| CIVIL DEFENSE FACILITY | SUFFOLK K-12 SCHOOLS | RIVERHEAD SCHOOL DISTRICT | RIVERHEAD CNTRL SCH | 700 OSBORNE AV | RIVERHEAD NY |
| CIVIL DEFENSE FACILITY | SUFFOLK K-12 SCHOOLS | RIVERHEAD SCHOOL DISTRICT | RIVERHEAD CNTRL SCH | 600 HARRISON AV | RIVERHEAD NY |
| CIVIL DEFENSE FACILITY | SUFFOLK K-12 SCHOOLS | RIVERHEAD SCHOOL DISTRICT | RIVERHEAD CENTRAL SD | SCHOOL ST | RIVERHEAD NY |
| CIVIL DEFENSE FACILITY | SUFFOLK K-12 SCHOOLS | SACHEM SCHOOL DISTRICT | SACHEM HIGH SCHL SO | 51 SCHOOL ST | LAKE RONK NY |
| CIVIL DEFENSE FACILITY | SUFFOLK K-12 SCHOOLS | SACHEM SCHOOL DISTRICT | SACHEM EAST HIGH | 177 GRANNY RD | FARMNGVILLE NY |
| CIVIL DEFENSE FACILITY | SUFFOLK K-12 SCHOOLS | SACHEM SCHOOL DISTRICT | SACHEM EAST HIGH | 177 GRANNY RD | FARMNGVILLE NY |
| CIVIL DEFENSE FACILITY | SUFFOLK K-12 SCHOOLS | SACHEM SCHOOL DISTRICT | SACHEM CENT SCHOOL | 1500 BROADWAY AV | HOLBROOK NY |
| CIVIL DEFENSE FACILITY | SUFFOLK K-12 SCHOOLS | SHELTER ISLAND SCHOOL DISTRICT | SHELTER ISLAND SCH | SCHOOL ST | SHELTER IS NY |
| CIVIL DEFENSE FACILITY | SUFFOLK K-12 SCHOOLS | SMITHTOWN CENTRAL SCHOOL DISTRICT | SMITHTOWN H S EAST | WOODLAWN AV | ST JAMES NY |
| CIVIL DEFENSE FACILITY | SUFFOLK K-12 SCHOOLS | SOUTH HUNTINGTON SCHOOL DISTRICT | SO HUNT UNION SCHOOL | 301 WEST HILLS RD | HUNT STA NY |
| CIVIL DEFENSE FACILITY | SUFFOLK K-12 SCHOOLS | SOUTHAMPTON SCHOOL DISTRICT | SOUTHAMPTON SCH D 6 | LELAND LA | SOUTHAMPTON NY |
| CIVIL DEFENSE FACILITY | SUFFOLK K-12 SCHOOLS | SOUTHAMPTON SCHOOL DISTRICT | SOUTHAMPTON HIGH SCH | NARROW LA | SOUTHAMPTON NY |
| CIVIL DEFENSE FACILITY | SUFFOLK K-12 SCHOOLS | SOUTHOLD SCHOOL DISTRICT | SOUTHOLD UFSD | 420 OAKLAWN AV | SOUTHOLD NY |
| CIVIL DEFENSE FACILITY | SUFFOLK K-12 SCHOOLS | WEST BABYLON SCHOOL DISTRICT | UN FREE SCH DIST 2 | LITTLE E NK RD | W BABYLON NY |
| CIVIL DEFENSE FACILITY | SUFFOLK UNIVERSITIES | SUNY FARMINGDALE | SUNY FARMINGDALE | 885 BROADHOLLOW RD | FARMINGDALE NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF AMITYVILLE | AMITYVILLE VILLAGE H | 21 IRELAND PL | AMITYVILLE NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF ATLANTIC BEACH | INC VIL ATLANTIC BCH | 65 THE PLAZA | ATLNTIC BCH NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF BABYLON | VILLAGE OF BABYLON | W MAIN ST | BABYLON NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF BAYVILLE | BAYVILLE VILLAGE | SCHOOL ST | BAYVILLE NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF BELLE TERRE | VILL OF BELLE TERRE | 55 CLIFF RD | PT JEFFERSN NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF BELLEROSE | INC VILL BELLEROSE VILL CLERK | 50 SUPERIOR RD | BELLRSE VLG NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF BRIGHTWATERS | INC VILL BRIGHTWTRS | 40 SENECA DR | BRIGHTWTRS NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF CEDARHURST | VILL OF CEDARHURST | CEDARHURST AV | CEDARHURST NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF CENTRE ISLAND | VIL OF CENTER ISLAND | 100 CENTRE ISLAND RD | OYSTER BAY NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF DERING HARBOR | VILL DERING HARBOR | LOCUST POINT RD | SHELTER IS NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF EAST ROCKAWAY | VILL EAST ROCKAWAY | 376 ATLANTIC AV | E ROCKAWAY NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF FARMINGDALE | INC VILL FARMINGDALE | 361 MAIN ST | FARMINGDALE NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF FLORAL PARK | INC VILL FLORAL PARK | VERNON ST | FLORAL PARK NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF FLOWER HILL | VILL OF FLOWER HILL | 1 BONNIE HGTS RD | MANHASSET NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF GARDEN CITY | VILL OF GARDEN CITY VILLAGE HALL | 351 STEWART AV | GARDEN CITY NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF GREAT NECK | VILL OF GREAT NECK P O BOX A | 61 BAKER HILL RD | GREAT NECK NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF GREAT NECK ESTATES | VILL GREAT NECK EST VILLAGE HALL | 4 GATEWAY DR | GREAT NECK NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF GREAT NECK PLAZA | VILL OF GT NECK PLZ | MAPLE ST | GREAT NECK NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF HEMPSTEAD | VILL OF HEMPSTEAD | 99 NICHOLS CT | HEMPSTEAD NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF HEWLETT BAY PARK | VILL HEWLETT BAY PK | 30 PIERMONT AV | HEWLETT NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF HEWLETT HARBOR | VILL HEWLETT HARBOR | PEPPERIDGE RD | HEWLETT NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF HUNTINGTON BAY | INC VILL OF HUNT BAY | VINEYARD RD | HALESITE NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF ISLAND PARK | INC VILL ISLAND PARK | LONG BEACH RD | ISLAND PARK NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF KENSINGTON | VILL OF KENSINGTON VILL HALL | 2 NASSAU DR | GREAT NECK NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF LAKE GROVE | VILL OF LAKE GROVE | 980 HAWKINS AV | LAKE GROVE NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF LAKE SUCCESS | VILL OF LAKE SUCCESS | 318 LAKEVILLE RD | GREAT NECK NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF LATTINGTOWN | VILL OF LATTINGTOWN | E BEACH DR | LOCUST VLY NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF LAUREL HOLLOW | VIL OF LAUREL HOLLOW | LAUREL HOLLOW RD | SYOSSET NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF LAUREL HOLLOW | VIL OF LAUREL HOLLOW | 566 COLD SPRING RD | SYOSSET NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF LAWRENCE | VILL OF LAWRENCE | 196 CENTRAL AV | LAWRENCE NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF LINDENHURST | INC VILL LINDENHURST | 430 S WELLWOOD AV | LINDENHURST NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF LYNBROOK | INC VILL OF LYNBROOK | PENINSULA BLVD | LYNBROOK NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF MALVERNE | VILL OF MALVERNE | CHURCH ST | MALVERNE NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF MANORHAVEN | INC VIL MANORHAVEN | PEQUOT AV | PT WASH NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF MASSAPEQUA PARK | VILL MASSAPEQUA PARKVILL CLERK | 151 FRONT ST | MASS PK NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF MASTIC BEACH | INC VILLAGE OF MASTI | NEIGHBORHOOD RD | MASTIC BCH NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF MILL NECK | VILL OF MILL NECK | FROST MILL RD | MILL NECK NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF MINEOLA | VILLAGE OF MINEOLA | 300 GARFIELD AV | MINEOLA NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF MUNSEY PARK | INC VILL MUNSEY PK | 1777 NORTHERN BLVD | MANHASSET NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF MUTTONTOWN | INC VILL MUTTONTOWN | 1763 ROUTE 106 | SYOSSET NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF NEW HYDE PARK | VILL OF NEW HYDE PK | 1420 JERICHO TPK | NEW HYDE PK NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF NORTH HILLS | INC VILL OF N HILLS | 1 SHELTER ROCK RD | NORTH HILLS NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF OLD BROOKVILLE | VILL OLD BROOKVILLE | MC COUNS LA | GLEN HEAD NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF OLD WESTBURY | VILL OF OLD WESTBURY | GLEN COVE RD | O WESTBURY NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF OYSTER BAY COVE | VILL OYSTER BAY COVE | BERRY HILL RD | OYSTER BAY NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF PATCHOGUE | VILLAGE OF PATCHOGUE | 14 BAKER ST | PATCHOGUE NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF PLANDOME | VILL OF PLANDOME | SOUTH DR | PLANDOME NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF PORT JEFFERSON | VILL OF PT JEFFERSON | 121 W BROADWAY | PT JEFFERSN NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF ROSLYN ESTATES | VILLAGE OF ROSLYN ESTATES | 25 THE TULIPS | ROSLYN NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF ROSLYN HARBOR | INC VILL ROSLYN HBR | 500 MOTTS COVE RD S | ROSLYN NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF RUSSELL GARDENS | VILL RUSSELL GARDENS | 6 TAIN DR | GREAT NECK NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF SADDLE ROCK | VILL OF SADDLE ROCK | 10 EMERSON DR | GREAT NECK NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF SALTAIRE | INC VILL OF SALTAIRE | 103 BROADWAY | SALTAIRE NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF SEA CLIFF | INC VILL OF SEACLIFF | CENTRAL AV | SEA CLIFF NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF SOUTHAMPTON | VILL OF SOUTHAMPTON | 21 MAIN ST | SOUTHAMPTON NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF STEWART MANOR | VILL STEWART MANOR FIRE DEPT | 120 COVERT AV | STEWART MAN NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF VALLEY STREAM | VIL OF VALLEY STREAM | S CENTRAL AV | VALLEY STRM NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF WESTBURY | VILLAGE OF WESTBURY | 235 LINCOLN PL | WESTBURY NY |
| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF WILLISTON PARK | VILL WILLISTON PARK VILL CLERK | 494 WILLIS AV | WILLISTN PK NY |

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| CIVIL DEFENSE FACILITY | VILLAGES | VILLAGE OF WILLISTON PARK | VILL WILLISTON PARK | SYRACUSE ST | WILLISTON PK NY |
| CRITICAL INDUSTRY | BUSINESS & FINANCIAL SRVCS | GLOBECOMM SYSTEMS | GLOBECOMM SYSTEMS IN | 45 OSER AV | HAUPPAUGE NY |
| CRITICAL INDUSTRY | BUSINESS & FINANCIAL SRVCS | GLOBECOMM SYSTEMS | GLOBECOMM SYSTEMS IN | 45 OSER AV | HAUPPAUGE NY |
| CRITICAL INDUSTRY | FEDERAL/STATE GOVT | BROOKHAVEN NATIONAL LAB | BROOKHAVEN NATL LABS | 5 TH AV | BROOKHAVEN NY |
| CRITICAL INDUSTRY | FEDERAL/STATE GOVT | BROOKHAVEN NATIONAL LAB | BROOKHAVEN NATL LABS | CAMP UPTON SITE | BROOKHAVEN NY |
| CRITICAL INDUSTRY | FEDERAL/STATE GOVT | COLD SPRING HARBOR LAB | COLD SPRING HARBOR L | UPPER CAMPUS RD | C SPRNG HBR NY |
| CRITICAL INDUSTRY | FEDERAL/STATE GOVT | COLD SPRING HARBOR LAB | COLD SPRING HBR LABS | NORTHERN BL | C SPRNG HBR NY |
| CRITICAL INDUSTRY | FEDERAL/STATE GOVT | COLD SPRING HARBOR LAB | COLD SPRNG HBR LAB | 500 SUNNYSIDE BLVD | WOODBURY NY |
| CRITICAL INDUSTRY | FEDERAL/STATE GOVT | INTERNAL REVENUE SERVICE | IRS CONTROLS OFFICE | BUCKLEY RD | HOLTSVILLE NY |
| CRITICAL INDUSTRY | FEDERAL/STATE GOVT | NYS DEPT OF PARKS | LI STATE PARK COMM | CAMP HERO RD | MONTAUK NY |
| CRITICAL INDUSTRY | FEDERAL/STATE GOVT | NYS POLICE | N Y STATE POLICE | NAPEAGUE MEADOW RD | AMAGANSETT NY |
| CRITICAL INDUSTRY | FEDERAL/STATE GOVT | US DEPT OF HOMELAND SECURITY | US DEPT OF HOMELAND | MAIN RD | ORIENT NY |
| CRITICAL INDUSTRY | MANUFACTURING | LUITPOLD PHARMACEUTICALS INC | LUITPOLD PHARMACEUTL | WM FLOYD PKY | YAPHANK NY |
| CRITICAL INDUSTRY | MANUFACTURING | TELEPHONICS INC | TELEPHONICS CORP | 780 PARK AV | HUNTINGTON NY |
| CRITICAL INDUSTRY | MANUFACTURING | TELEPHONICS INC | TELEPHONICS INC | 815 BROADHOLLOW RD | FARMINGDALE NY |
| CRITICAL INDUSTRY | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | NASSA COUNTY CORRECT | 100 CARMAN AV | E MEADOW NY |
| CRITICAL INDUSTRY | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | NASSAU COUNTY CORREC | 100 CARMAN AV | E MEADOW NY |
| CRITICAL INDUSTRY | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFF COUNTY DPW | 395 OSER AV | HAUPPAUGE NY |
| CRITICAL INDUSTRY | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF BABYLON | TOWN OF BABYLON FUELING STAT | 200 E SUNRISE HWY | LINDENHURST NY |
| CRITICAL INDUSTRY | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF BROOKHAVEN | TN OF BROOKHAVEN | DAWN DR | SHIRLEY NY |
| CRITICAL INDUSTRY | NON-MANAGED | N/A | TIME GROUP INC | 1325 M ST | ELMONT NY |
| CRITICAL INDUSTRY | NON-MANAGED | N/A | TIME GROUP INC | 1325 M ST | ELMONT NY |
| CRITICAL INDUSTRY | NON-MANAGED | N/A | JACOBS 420 DOUGHTY | 428 DOUGHTY BLVD | INWOOD NY |
| CRITICAL INDUSTRY | NON-MANAGED | N/A | 2525 LONG BCH HOLDNG | 2525 LONG BEACH RD | OCEANSIDE NY |
| CRITICAL INDUSTRY | NON-MANAGED | N/A | 2525 LONG BCH HOLDNG | 2555 LONG BEACH RD | OCEANSIDE NY |
| CRITICAL INDUSTRY | NON-MANAGED | N/A | 2525 LONG BCH HLDNGS | 2521 LONG BEACH RD | OCEANSIDE NY |
| CRITICAL INDUSTRY | NON-MANAGED | N/A | GIAPREET LLC | 940 S OYSTER BAY RD | HICKSVILLE NY |
| CRITICAL INDUSTRY | NON-MANAGED | N/A | FRIENDS OF CSH FISH | HARBOR RD | SYOSSET NY |
| CRITICAL INDUSTRY | NON-MANAGED | N/A | FRIENDS OF CSH FISH | HARBOR RD | SYOSSET NY |
| CRITICAL INDUSTRY | NON-MANAGED | N/A | OMRDD BUSINESS OFFIC | 90 CROSSWAYS PK W | WOODBURY NY |
| CRITICAL INDUSTRY | NON-MANAGED | N/A | ACUPATH LABORATORIES | 28 S TERMINAL DR | PLAINVIEW NY |
| CRITICAL INDUSTRY | NON-MANAGED | N/A | NASSAU ACADEMY OF MEDICINE INC | 1200 STEWART AV | GARDEN CITY NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
|-------------------|--------------------------|--|-------------------------|---------------------|-----------------|
| CRITICAL INDUSTRY | NON-MANAGED | N/A | N SHORE ANIMAL LEAGU | 25 DAVIS AV | PT WASH NY |
| CRITICAL INDUSTRY | NON-MANAGED | N/A | ANCOTEL USA LLC | 1025 OLD COUNTRY RD | WESTBURY NY |
| CRITICAL INDUSTRY | NON-MANAGED | N/A | ANCOTEL USA LLC | 1025 OLD COUNTRY RD | WESTBURY NY |
| CRITICAL INDUSTRY | NON-MANAGED | N/A | FAMILY SER LEAGUE | 790 PARK AV | HUNTINGTON NY |
| CRITICAL INDUSTRY | NON-MANAGED | N/A | MARSUS ENTERPRISES | 650 WALT WHITMAN RD | MELVILLE NY |
| CRITICAL INDUSTRY | NON-MANAGED | N/A | REIT MANAGEMENT DBA | 2 CORP CNTR DR | MELVILLE NY |
| CRITICAL INDUSTRY | NON-MANAGED | N/A | TERI NICHOLS INST'L | 65 MAXESS RD | MELVILLE NY |
| CRITICAL INDUSTRY | NON-MANAGED | N/A | GULL AIRBORNE | 300 MARCUS BLVD | HAUPPAUGE NY |
| CRITICAL INDUSTRY | NON-MANAGED | N/A | WHITSONS FOOD SERV | 1800 MOTOR PKY | HAUPPAUGE NY |
| CRITICAL INDUSTRY | NON-MANAGED | N/A | CROSS SOUND CABLE CO | N COUNTRY RD | SHOREHAM NY |
| CRITICAL INDUSTRY | NON-MANAGED | N/A | C M B COMPONENTS INC | 10 ORVILLE DR | BOHEMIA NY |
| CRITICAL INDUSTRY | NON-MANAGED | N/A | TOSCO PIPELINE CO | 586 UNION AV | HOLTSVILLE NY |
| CRITICAL INDUSTRY | NON-MANAGED | N/A | LACH HAR PET HEALTH LLC | 1182 W MAIN ST | RIVERHEAD NY |
| CRITICAL INDUSTRY | NON-MANAGED | N/A | MULTI AQUACULTURE | CRANBERRY HOLE RD | AMAGANSETT NY |
| CRITICAL INDUSTRY | NYC AGENCIES | METROPOLITAN TRANSIT AUTHORITY-BRIDGES&TUNNELS | MTA BRIDGES & TUNNEL | CROSS BAY BRIDGE | ROCKWY BCH NY |
| CRITICAL INDUSTRY | NYC AGENCIES | NYC TRANSIT AUTHORITY | NYC TRANSIT MTA | BEACH CHANNEL DR | ROCKWY BCH NY |
| CRITICAL INDUSTRY | NYC AGENCIES | NYC TRANSIT AUTHORITY | NY CITY TRANSIT AUTH | BEACH 90TH ST | ROCKWY BCH NY |
| CRITICAL INDUSTRY | NYC AGENCIES | NYC TRANSIT AUTHORITY | NY CITY TRANSIT AUTH | BEACH 90TH ST | ROCKWY BCH NY |
| CRITICAL INDUSTRY | NYC AGENCIES | NYC TRANSIT AUTHORITY | NYC TRANSIT AUTH | BEACH 59TH ST | ARVERNE NY |
| CRITICAL INDUSTRY | NYC AGENCIES | NYC TRANSIT AUTHORITY | NYC TRANSIT AUTH | EDGEMERE AV | EDGEMERE NY |
| CRITICAL INDUSTRY | NYC AGENCIES | NYC TRANSIT AUTHORITY | NYC TRANSIT AUTHORITY | BEACH 42ND ST | EDGEMERE NY |
| CRITICAL INDUSTRY | NYC AGENCIES | NYC TRANSIT AUTHORITY | NY CITY TRANSIT AUTH | EDGEMERE AV | EDGEMERE NY |
| CRITICAL INDUSTRY | NYC AGENCIES | NYC TRANSIT AUTHORITY | NYC TRANSIT AUTH | BEACH 44TH ST | EDGEMERE NY |
| CRITICAL INDUSTRY | NYC AGENCIES | NYC TRANSIT AUTHORITY | NYC TRANSIT AUTH | MOTT AV | FAR ROCKWY NY |
| CRITICAL INDUSTRY | NYC AGENCIES | NYC TRANSIT AUTHORITY | NYC TRANSIT AUTH | BEACH CHANNEL | ROCKWY BCH NY |
| CRITICAL INDUSTRY | NYC AGENCIES | NYC TRANSIT AUTHORITY | CITY OF NY TRANSIT | OCEANCREST BLVD | FAR ROCKWY NY |
| CRITICAL INDUSTRY | PRIVATE SCHOOLS - NASSAU | AHRC NASSAU | MARCUS AV EARLY CHLD | 280 CROSSWAYS PK DR | WOODBURY NY |
| CRITICAL INDUSTRY | REAL ESTATE/DEVELOPERS | COLLIERS INTERNATIONAL | COLLIERS INT | 500 ENDO BLVD | GARDEN CITY NY |
| CRITICAL INDUSTRY | REAL ESTATE/DEVELOPERS | REXCORP | RXR 1000 WOODBURY | 1000 WOODBURY RD | WOODBURY NY |
| CRITICAL INDUSTRY | REFINERIES | BUCKEYE PIPELINE COMPANY | BUCKEYE PIPELINE CO | JOHNSON RD | LAWRENCE NY |
| CRITICAL INDUSTRY | REFINERIES | BUCKEYE PIPELINE COMPANY | BUCKEYE PIPELINE CO | 555 DOUGHTY BLVD | INWOOD NY |
| CRITICAL INDUSTRY | REFINERIES | BUCKEYE PIPELINE COMPANY | BUCKEYE PIPELINE CO | EAST AV | LAWRENCE NY |

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|-------------------|----------------------|----------------------------|---------------------------------|---------------------|-----------------|
| CRITICAL INDUSTRY | REFINERIES | CARBO OIL COMPANY | CARBO OIL CO | 1 BAY BLVD | LAWRENCE NY |
| CRITICAL INDUSTRY | REFINERIES | CARBO OIL COMPANY | CARBO OIL CO | 555 DOUGHTY BLVD | INWOOD NY |
| CRITICAL INDUSTRY | REFINERIES | GLOBAL COMPANIES LLC | GLOBAL COMPANIES LLC | 464 DOUGHTY BLVD | INWOOD NY |
| CRITICAL INDUSTRY | REFINERIES | GLOBAL COMPANIES LLC | GLOBAL COMPANIES LLC | SHORE RD | GLENWD LDG NY |
| CRITICAL INDUSTRY | REFINERIES | MEENAN OIL COMPANY | MEENAN OIL | 3020 BURNS AV | WANTAGH NY |
| CRITICAL INDUSTRY | REFINERIES | MOTIVA ENTERPRISES LLC | MOTIVA ENTERPRISES | 74 EAST AV | LAWRENCE NY |
| CRITICAL INDUSTRY | REFINERIES | NORTHVILLE INDUSTRIES CORP | NORTHVILLE IND CORP | EXPR DR | HUNT STA NY |
| CRITICAL INDUSTRY | REFINERIES | NORTHVILLE INDUSTRIES CORP | NORTHVILLE IND CORP | ROUND SWAMP RD | HUNT STA NY |
| CRITICAL INDUSTRY | REFINERIES | NORTHVILLE INDUSTRIES CORP | NORTHVILLE INDS CORP | DEER PARK AV | DIX HILLS NY |
| CRITICAL INDUSTRY | REFINERIES | NORTHVILLE INDUSTRIES CORP | NORTHVILLE IND CORP | ES RT 111 NO EX DR | HAUPPAUGE NY |
| CRITICAL INDUSTRY | REFINERIES | NORTHVILLE INDUSTRIES CORP | NORTHVILLE INDS CORP | TERMINAL RD | SETAUKET NY |
| CRITICAL INDUSTRY | REFINERIES | NORTHVILLE INDUSTRIES CORP | NORTHVILLE INDUSTRIA | 19 N BELLE MEADE AV | E SETAUKET NY |
| CRITICAL INDUSTRY | REFINERIES | NORTHVILLE INDUSTRIES CORP | NORTHVILLE IND CORP | BEACH ST | PT JEFFERSN NY |
| CRITICAL INDUSTRY | REFINERIES | TOSCO PIPELINE COMPANY | TOSCO PIPELINE CO | WS CALVERT SO EX D | RONK VALVE OL |
| CRITICAL INDUSTRY | REFINERIES | TOSCO PIPELINE COMPANY | TOSCO PIPELINE CO | 586 UNION AV | HOLTSVILLE NY |
| CRITICAL INDUSTRY | SUFFOLK UNIVERSITIES | SUFFOLK COMMUNITY COLLEGE | SUFFOLK COMM COLLEGE | MOONEY POND RD | SELDEN NY |
| DAIRY OR FREEZER | MANUFACTURING | DI CARLO FOODS | DI CARLO DISTR INC | 1630 N OCEAN AV | HOLTSVILLE NY |
| DAIRY OR FREEZER | MANUFACTURING | KOZY SHACK | KOZY SHACK FRESHWAY | 27 LUDY ST | HICKSVILLE NY |
| DAIRY OR FREEZER | MANUFACTURING | KOZY SHACK | KOZY SHACK INC | 50 LUDY ST | HICKSVILLE NY |
| DAIRY OR FREEZER | MANUFACTURING | KOZY SHACK | KOZY SHACK INC | 50 LUDY ST | HICKSVILLE NY |
| DAIRY OR FREEZER | MANUFACTURING | KOZY SHACK | KOZY SHACK FRESWAY | 40 LUDY ST | HICKSVILLE NY |
| DAIRY OR FREEZER | MANUFACTURING | MADELINES CHOCOLATES | MADELAINE CHOCOLATE | 305 BEACH 96TH ST | ROCKWY BCH NY |
| DAIRY OR FREEZER | MANUFACTURING | MADELINES CHOCOLATES | MADELAINE CHOCOLATE NOVELTIES | 9603 BCH CHANNEL DR | ROCKWY BCH NY |
| DAIRY OR FREEZER | MANUFACTURING | MADELINES CHOCOLATES | MADELAINE CHOCOLATE | 316 BEACH 96TH ST | ROCKWY BCH NY |
| DAIRY OR FREEZER | MANUFACTURING | WENNER BAKERY | WENNER BREAD PRODUCT | 2001 N ORVILLE DR | RONKONKOMA NY |
| DAIRY OR FREEZER | NON-MANAGED | N/A | QUAREX-ELMONT INC | 1717 DUTCH BROADWAY | ELMONT NY |
| DAIRY OR FREEZER | NON-MANAGED | N/A | 83 LUDDY STREET LLC SHIA ITHNA- | 83 LUDY ST | HICKSVILLE NY |
| DAIRY OR FREEZER | NON-MANAGED | N/A | LONG ISLAND FROZEN STORAGE INC | 25 CHARLOTTE AV | HICKSVILLE NY |
| DAIRY OR FREEZER | NON-MANAGED | N/A | ZORN S POULTRY FARMSINC | 4321 HEMPSTEAD TPK | BETHPAGE NY |
| DAIRY OR FREEZER | NON-MANAGED | N/A | HEMPSTEAD POULTRY FARM INC | 39 NEWMAN CT | HEMPSTEAD NY |
| DAIRY OR FREEZER | NON-MANAGED | N/A | OLYMPIC ICE CREAM CO | 424 E JOHN ST | LINDENHURST NY |

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| DAIRY OR FREEZER | NON-MANAGED | N/A | SABRA DIPPING CO | 535 SMITH ST | FARMINGDALE NY |
| DAIRY OR FREEZER | NON-MANAGED | N/A | J KINGS FOOD SERV | 85 N SAXON AV | BAY SHORE NY |
| DAIRY OR FREEZER | NON-MANAGED | N/A | SOUTHAMPTON FUEL & ENERGY CORP | ROMAN RD | SOUTHAMPTON NY |
| DAIRY OR FREEZER | NON-MANAGED | N/A | PERRY B DURYE & SON | 65 TUTHILL RD | MONTAUK NY |
| ELECTRIC DRAWBRIDGE | FEDERAL/STATE GOVT | NYS DEPT OF TRANSPORTATION | NYS DOT | MEADOWBROOK PKY | WANTAGH NY |
| ELECTRIC DRAWBRIDGE | FEDERAL/STATE GOVT | NYS DEPT OF TRANSPORTATION | NYS DOT | LOOP PKY | LIDO BCH NY |
| ELECTRIC DRAWBRIDGE | FEDERAL/STATE GOVT | NYS DEPT OF TRANSPORTATION | N Y STATE TRANS | WANTAGH PKY | WANTAGH NY |
| ELECTRIC DRAWBRIDGE | FEDERAL/STATE GOVT | NYS DEPT OF TRANSPORTATION | NY STATE DEPT TRANS | R MOSES PKY | WEST ISLIP NY |
| ELECTRIC DRAWBRIDGE | FEDERAL/STATE GOVT | NYS DEPT OF TRANSPORTATION | ST OF NY DEPT TRANS | NO FERRY RD RT 114 | SAG HARBOR NY |
| ELECTRIC DRAWBRIDGE | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | COUNTY OF NASSAU | LONG BEACH BLVD | LONG BCH NY |
| ELECTRIC DRAWBRIDGE | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | COUNTY OF NASSAU | LUDLAM AV | BAYVILLE NY |
| ELECTRIC DRAWBRIDGE | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CTY DPW BLDG DIV | JESSUP LA | WHAMPT BCH NY |
| ELECTRIC DRAWBRIDGE | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CTY DPW BLDG DIV | POST LA | QUOGUE NY |
| FIRE DEPT | FEDERAL/STATE GOVT | NATIONAL PARKS | JACOB RIIS PK - MALL | BEACH 154TH ST | NEPONSIT NY |
| FIRE DEPT | NAS/SUF COUNTY GOVT TWNSPS | CITY OF GLEN COVE | CITY OF GLEN COVE | 10 GLEN COVE AV WS | GLEN COVE NY |
| FIRE DEPT | NAS/SUF COUNTY GOVT TWNSPS | CITY OF LONG BEACH | CITY OF LONG BEACH | 1041 W PARK AV | LONG BCH NY |
| FIRE DEPT | NAS/SUF COUNTY GOVT TWNSPS | CITY OF LONG BEACH | CITY OF LONG BEACH | MAPLE BLVD | LONG BCH NY |
| FIRE DEPT | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF RIVERHEAD | TOWN OF RIVERHEAD | 24 E 2ND ST | RIVERHEAD NY |
| FIRE DEPT | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF SHELTER ISLAND | SHELTER IS FIRE DIST | COBBETTS LA | SHELTER IS NY |
| FIRE DEPT | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF SHELTER ISLAND | SHELTER ISLAND HGTS | PROSPECT AV | SHELTER IS NY |
| FIRE DEPT | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF SHELTER ISLAND | SHELTER IS FIRE DIST | FERRY RD | SHELTER IS NY |
| FIRE DEPT | NON-MANAGED | N/A | RK PT VOL FIRE DEPT | 20426 ROCKWY PT BL | BREEZY PT NY |
| FIRE DEPT | NON-MANAGED | N/A | ELMONT ENG & HOSE 2 | 36 PLAINFIELD AV | ELMONT NY |
| FIRE DEPT | NON-MANAGED | N/A | ELMONT E END ENGINE TREASURER | 301 MEACHAM AV | ELMONT NY |
| FIRE DEPT | NON-MANAGED | N/A | ELMONT FIRE DISTRICT | LEHRER AV | ELMONT NY |
| FIRE DEPT | NON-MANAGED | N/A | ELMONT HOOK&LADDER C | ELMONT RD | ELMONT NY |
| FIRE DEPT | NON-MANAGED | N/A | INWOOD FIRE DISTRICT | 188 DOUGHTY BLVD | INWOOD NY |
| FIRE DEPT | NON-MANAGED | N/A | WOODMERE FIRE DIST | 20 IRVING PL | WOODMERE NY |
| FIRE DEPT | NON-MANAGED | N/A | FRANKLIN SQUARE | 841 LIBERTY PL | FRANKLIN SQ NY |
| FIRE DEPT | NON-MANAGED | N/A | MEADOWMERE FIRE DIST | 14 MEYER AV | LAWRENCE NY |
| FIRE DEPT | NON-MANAGED | N/A | LAWRENCE CED FIRE DEPT | 399 CENTRAL AV | LAWRENCE NY |
| FIRE DEPT | NON-MANAGED | N/A | LIB HSE CO 2 E ROCK | CLARK ST | E ROCKAWAY NY |
| FIRE DEPT | NON-MANAGED | N/A | EAST ROCK HOSE CO 1 | 13 GRANT AV | E ROCKAWAY NY |

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| FIRE DEPT | NON-MANAGED | N/A | EAST ROCK FIRE DEPT | 5 MAIN ST | E ROCKAWAY NY |
| FIRE DEPT | NON-MANAGED | N/A | LYNBROOK ENGINE CO FIRE DEPT | 34 CARPENTER AV | LYNBROOK NY |
| FIRE DEPT | NON-MANAGED | N/A | TALLEY HO CHEM ENG | 81 HORTON AV | LYNBROOK NY |
| FIRE DEPT | NON-MANAGED | N/A | LYNBROOK HOSE CO 1 | BLAKE AV | LYNBROOK NY |
| FIRE DEPT | NON-MANAGED | N/A | VULCAN CHEM HOSE CO FIRE DEPT | 216 DENTON AV | LYNBROOK NY |
| FIRE DEPT | NON-MANAGED | N/A | BALDWIN FIRE DIST | N GRAND AV | BALDWIN NY |
| FIRE DEPT | NON-MANAGED | N/A | BALDWIN FIRE DIST | S GRAND AV | BALDWIN NY |
| FIRE DEPT | NON-MANAGED | N/A | BALDWIN FIRE DIST | CHURCH ST | BALDWIN NY |
| FIRE DEPT | NON-MANAGED | N/A | BALDWIN FIRE DIST | BALDWIN AV | BALDWIN NY |
| FIRE DEPT | NON-MANAGED | N/A | ROOSEVELT FIRE DIST | PARK AV | ROOSEVELT NY |
| FIRE DEPT | NON-MANAGED | N/A | RESCUE COMPANY OFD | TILROSE AV | OCEANSIDE NY |
| FIRE DEPT | NON-MANAGED | N/A | OCEANSIDE FIRE DIST | 26 SMITH ST | OCEANSIDE NY |
| FIRE DEPT | NON-MANAGED | N/A | OCEANSIDE FIRE DIST | 65 FOXHURST RD | OCEANSIDE NY |
| FIRE DEPT | NON-MANAGED | N/A | OCEANSIDE FIRE DIST | 2543 COLUMBUS AV | OCEANSIDE NY |
| FIRE DEPT | NON-MANAGED | N/A | S SIDE HOSE CO 2 | 3615 OCEANSIDE RD | OCEANSIDE NY |
| FIRE DEPT | NON-MANAGED | N/A | OCEANSIDE HOSE CO 1 | EVERGREEN AV | OCEANSIDE NY |
| FIRE DEPT | NON-MANAGED | N/A | LIDO PT LOOK OUT FIR | 20 BAYSIDE DR | PT LOOKOUT NY |
| FIRE DEPT | NON-MANAGED | N/A | LIDO PT LOOKOUT FD | HEWLETT AV | PT LOOKOUT NY |
| FIRE DEPT | NON-MANAGED | N/A | LIDO POINT LOOKOUT | LIDO BLVD | LIDO BCH NY |
| FIRE DEPT | NON-MANAGED | N/A | LEVITTOWN FIRE DIST | WANTAGH AV | LEVITTOWN NY |
| FIRE DEPT | NON-MANAGED | N/A | LEVITTOWN FIRE DIST | HICKORY LA | LEVITTOWN NY |
| FIRE DEPT | NON-MANAGED | N/A | E MEADOW FIRE DIST | NEWBRIDGE RD | LEVITTOWN NY |
| FIRE DEPT | NON-MANAGED | N/A | LEVITTOWN FIRE DIST | GARDINERS AV | LEVITTOWN NY |
| FIRE DEPT | NON-MANAGED | N/A | WANTAGH FIRE DIST | 844 WANTAGH AV | LEVITTOWN NY |
| FIRE DEPT | NON-MANAGED | N/A | E MEADOW FIRE DIST | CARMAN AV SE | E MEADOW NY |
| FIRE DEPT | NON-MANAGED | N/A | E MEADOW FIRE DIST | 197 E MEADOW AV | E MEADOW NY |
| FIRE DEPT | NON-MANAGED | N/A | S FARMINGDALE FIRE | MERRITT & BEVERLY RD | FARMINGDALE NY |
| FIRE DEPT | NON-MANAGED | N/A | S FARMINGDALE FIRE | S MAIN ST | FARMINGDALE NY |
| FIRE DEPT | NON-MANAGED | N/A | SMITHVILLE S HOOK & | NEWBRIDGE RD | N BELLMORE NY |
| FIRE DEPT | NON-MANAGED | N/A | BELLMORE FIRE DIST | PETTIT AV | BELLMORE NY |
| FIRE DEPT | NON-MANAGED | N/A | BELLMORE FIRE DIST | 2455 NEWBRIDGE RD | BELLMORE NY |
| FIRE DEPT | NON-MANAGED | N/A | BELLMORE ENG CO 2 | 2670 BELLMORE AV | BELLMORE NY |
| FIRE DEPT | NON-MANAGED | N/A | EMPIRE HOSE CO FIRE HOUSE | 2300 MERRICK AV S | MERRICK NY |
| FIRE DEPT | NON-MANAGED | N/A | N MERRICK FIRE DIST | 42 CAMP AV | N MERRICK NY |
| FIRE DEPT | NON-MANAGED | N/A | FRIENDSHIP ENG H CO | 2075 MEADOWBROOK RD | MERRICK NY |
| FIRE DEPT | NON-MANAGED | N/A | WANTAGH FIRE DIST | 2985 MERRICK RD | WANTAGH NY |
| FIRE DEPT | NON-MANAGED | N/A | WANTAGH FIRE DIST | 3470 PARK AV | WANTAGH NY |
| FIRE DEPT | NON-MANAGED | N/A | WANTAGH FIRE DIST | 1191 ALKEN AV | SEAFORD NY |

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| FIRE DEPT | NON-MANAGED | N/A | SEAFORD FIRE DIST | WAVERLY AV | SEAFORD NY |
| FIRE DEPT | NON-MANAGED | N/A | WANTAGH FIRE DIST | 2530 NEPTUNE AV | SEAFORD NY |
| FIRE DEPT | NON-MANAGED | N/A | MASSAPEQUA FIRE DIST | E SHORE DR | MASSAPEQUA NY |
| FIRE DEPT | NON-MANAGED | N/A | MASSAPEQUA FIRE DIST | HICKSVILLE RD | MASSAPEQUA NY |
| FIRE DEPT | NON-MANAGED | N/A | MASSAPEQUA FIRE DIST | 29 FRONT ST | MASS PK NY |
| FIRE DEPT | NON-MANAGED | N/A | L VALLEY FIRE DIST | 228 BUCKRAM RD | LOCUST VLY NY |
| FIRE DEPT | NON-MANAGED | N/A | JERICHO FIRE DIST | CANTIAGUE ROCK RD | JERICHO NY |
| FIRE DEPT | NON-MANAGED | N/A | JERICHO FIRE DIST | BROADWAY | JERICHO NY |
| FIRE DEPT | NON-MANAGED | N/A | SYOSSET FIRE DIST | 50 COLD SPRING RD | SYOSSET NY |
| FIRE DEPT | NON-MANAGED | N/A | HICKSVILLE FIRE | LEVITTOWN PKY | HICKSVILLE NY |
| FIRE DEPT | NON-MANAGED | N/A | HICKSVILLE FIRE DIST | 20 GEBHARDT PLZ | HICKSVILLE NY |
| FIRE DEPT | NON-MANAGED | N/A | HICKSVILLE FIRE DIST | STRONG ST | HICKSVILLE NY |
| FIRE DEPT | NON-MANAGED | N/A | SYOSSET FIRE DIST | 205 S OYSTER BAY RD | SYOSSET NY |
| FIRE DEPT | NON-MANAGED | N/A | ATLANTIC STEAMER | 28 E MAIN ST | OYSTER BAY NY |
| FIRE DEPT | NON-MANAGED | N/A | O BAY FIRE CO NO 1 | 188 SOUTH ST | OYSTER BAY NY |
| FIRE DEPT | NON-MANAGED | N/A | E NORWICH VOL FIRE COMPANY 1 | 900 OYSTER BAY RD | E NORWICH NY |
| FIRE DEPT | NON-MANAGED | N/A | BETHPAGE FIRE DIST | STEWART AV | BETHPAGE NY |
| FIRE DEPT | NON-MANAGED | N/A | PLAINVIEW FIRE DEPT | OLD COUNTRY RD | PLAINVIEW NY |
| FIRE DEPT | NON-MANAGED | N/A | PLAINVIEW FIRE DEPT | ROUND SWAMP RD | O BETHPAGE NY |
| FIRE DEPT | NON-MANAGED | N/A | N MASSAPEQUA FIRE D | 929 HICKSVILLE RD | SEAFORD NY |
| FIRE DEPT | NON-MANAGED | N/A | N MASSAPEQUA FIRE D | HICKSVILLE RD | MASSAPEQUA NY |
| FIRE DEPT | NON-MANAGED | N/A | N MASSAPEQUA FIRE D | BROADWAY0ALBANY AV | N MASSAPQUA NY |
| FIRE DEPT | NON-MANAGED | N/A | BETHPAGE FIRE DIST | UNION AV | BETHPAGE NY |
| FIRE DEPT | NON-MANAGED | N/A | BAYVILLE FIRE CO 1 | 258 BAYVILLE AV | BAYVILLE NY |
| FIRE DEPT | NON-MANAGED | N/A | PLAINVIEW VOLUNTEER | SOUTHERN PKY | PLAINVIEW NY |
| FIRE DEPT | NON-MANAGED | N/A | UNIONDALE FIRE DIST | 501 UNIONDALE AV | UNIONDALE NY |
| FIRE DEPT | NON-MANAGED | N/A | UNIONDALE FIRE DIST | 343 HAWTHORNE AV | UNIONDALE NY |
| FIRE DEPT | NON-MANAGED | N/A | UNIONDALE FIRE DIST | 577 PARK AV | UNIONDALE NY |
| FIRE DEPT | NON-MANAGED | N/A | UNIONDALE FIRE DIST | HEMPSTEAD BLVD | UNIONDALE NY |
| FIRE DEPT | NON-MANAGED | N/A | W HEMPSTEAD FIRE DIS | 295 HEMPSTEAD TPK | W HEMPSTEAD NY |
| FIRE DEPT | NON-MANAGED | N/A | BELLEROSE TERR F D | 243RD ST | FLORAL PARK NY |
| FIRE DEPT | NON-MANAGED | N/A | NEW HDE PK FIRE DEPT | S 5TH ST | NEW HYDE PK NY |
| FIRE DEPT | NON-MANAGED | N/A | ALBERTSON H & L CO FIRE DEPT | DEWEY AV | ALBERTSON NY |
| FIRE DEPT | NON-MANAGED | N/A | ALBERTSON H AND L E AND H CO 1 | 100 I U WILLETS RD | ALBERTSON NY |
| FIRE DEPT | NON-MANAGED | N/A | ROSLYN HIGHLANDS HOO | WARNER AV | ROSLYN HGTS NY |
| FIRE DEPT | NON-MANAGED | N/A | NEW HDE PK FIRE DEPT | LAKEVILLE RD | NEW HYDE PK NY |
| FIRE DEPT | NON-MANAGED | N/A | PORT WASHINGTON FIREDEPT INC | 423 PT WASHINGTON BL | PT WASH NY |
| FIRE DEPT | NON-MANAGED | N/A | ATLANTIC HOOK & | AVENUE A | PT WASH NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
|----------------|----------------|-------------------------|---------------------------------|----------------------|-----------------|
| FIRE DEPT | NON-MANAGED | N/A | PROTECTION ENG CO | 14 S WASHINGTON ST | PT WASH NY |
| FIRE DEPT | NON-MANAGED | N/A | FLOWER HILL HOSE CO | HAVEN AV | PT WASH NY |
| FIRE DEPT | NON-MANAGED | N/A | CARLE PL HOOK&LADDERHSE CO 1 | 460 BROADWAY | CARLE PLACE NY |
| FIRE DEPT | NON-MANAGED | N/A | CARLE PL HOOK&LADDER | 460 BROADWAY | CARLE PLACE NY |
| FIRE DEPT | NON-MANAGED | N/A | WESTBURY FIRE DIST | 575 OLD COUNTRY RD | WESTBURY NY |
| FIRE DEPT | NON-MANAGED | N/A | WESTBURY FIRE DIST | BRUSH HOLLOW RD | WESTBURY NY |
| FIRE DEPT | NON-MANAGED | N/A | WESTBURY FIRE DIST | BRYANT ST | WESTBURY NY |
| FIRE DEPT | NON-MANAGED | N/A | MAN LKVILLE FIRE DIS | NORTHERN BLVD | GREAT NECK NY |
| FIRE DEPT | NON-MANAGED | N/A | FLORAL PARK CENTRE FIRE CO 1 | 94 MCKEE ST | FLORAL PARK NY |
| FIRE DEPT | NON-MANAGED | N/A | WESTBURY FIRE DIST | MAPLE AV | WESTBURY NY |
| FIRE DEPT | NON-MANAGED | N/A | ALERT FIRE HOUSE | 555 MIDDLE NECK RD | GREAT NECK NY |
| FIRE DEPT | NON-MANAGED | N/A | ALERT HOOK & LADDER | 142 STEAMBOAT RD | GREAT NECK NY |
| FIRE DEPT | NON-MANAGED | N/A | NEW HYDE PK FIRE DIS | 1555 JERICO TPK | NEW HYDE PK NY |
| FIRE DEPT | NON-MANAGED | N/A | NEW HYDE PK FIRE DIS | 1541 JERICO TPK | NEW HYDE PK NY |
| FIRE DEPT | NON-MANAGED | N/A | VIGILANT ENG H L COFIRE DEPT | 83 CUTTERMILL RD | GREAT NECK NY |
| FIRE DEPT | NON-MANAGED | N/A | PROTECTION ENGINE | CHANNEL DR | PT WASH NY |
| FIRE DEPT | NON-MANAGED | N/A | GLENWOOD FIRE DIST | GLEN HEAD RD | GLEN HEAD NY |
| FIRE DEPT | NON-MANAGED | N/A | GLENWOOD HOOK LADDERENGINE HOSE | GROVE ST | GLENWD LDG NY |
| FIRE DEPT | NON-MANAGED | N/A | C SPRG HBR FIRE DPT | 2 MAIN ST | C SPRNG HBR NY |
| FIRE DEPT | NON-MANAGED | N/A | CENTERPORT FIRE DIST | 231 GRANT ST | CENTERPORT NY |
| FIRE DEPT | NON-MANAGED | N/A | HALESITE FIRE DIST | 1 NEW YORK AV | HALESITE NY |
| FIRE DEPT | NON-MANAGED | N/A | HUNTINGTON FIRE DIST | 1 LEVERICH PL | HUNTINGTON NY |
| FIRE DEPT | NON-MANAGED | N/A | HUNT MANOR FIRE DIST | 2100 NEW YORK AV | HUNT STA NY |
| FIRE DEPT | NON-MANAGED | N/A | HUNT MANOR FIRE DIST | 1650 NEW YORK AV | HUNT STA NY |
| FIRE DEPT | NON-MANAGED | N/A | CENTERPORT FIRE DIST | 9 PARK CIR | CENTERPORT NY |
| FIRE DEPT | NON-MANAGED | N/A | GREENLAWN FIRE DEPT | FENWICK ST | GREENLAWN NY |
| FIRE DEPT | NON-MANAGED | N/A | GREENLAWN FIRE DIST | LITTLE PLAINS RD | GREENLAWN NY |
| FIRE DEPT | NON-MANAGED | N/A | COMMACK FIRE DIST | ELWOOD RD | E NORTHPORT NY |
| FIRE DEPT | NON-MANAGED | N/A | E NORTHPORT FIRE DIS | LARKFIELD RD | E NORTHPORT NY |
| FIRE DEPT | NON-MANAGED | N/A | DIX HILLS FIRE DIST | 115 E DEER PARK RD | DIX HILLS NY |
| FIRE DEPT | NON-MANAGED | N/A | COMMACK FIRE DIST | 6309 JERICO TPK | COMMACK NY |
| FIRE DEPT | NON-MANAGED | N/A | EATONS NECK FIRE CO | 55 EATONS NECK RD | NORTHPORT NY |
| FIRE DEPT | NON-MANAGED | N/A | MELVILLE FIRE DIST | 531 SWEET HOLLOW RD | MELVILLE NY |
| FIRE DEPT | NON-MANAGED | N/A | MELVILLE FIRE DIST | S SERVICE RD | MELVILLE NY |
| FIRE DEPT | NON-MANAGED | N/A | DIX HILLS FIRE DIST | 1239 CARLLS STR PATH | DIX HILLS NY |
| FIRE DEPT | NON-MANAGED | N/A | DIX HILLS FIRE DIST | 620 DEER PARK RD | DIX HILLS NY |
| FIRE DEPT | NON-MANAGED | N/A | KINGS PARK FIRE DIST | 2 E MAIN ST | KINGS PARK NY |
| FIRE DEPT | NON-MANAGED | N/A | COMMACK FIRE DIST | 40 NEW HWY | COMMACK NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
|----------------|----------------|-------------------------|-------------------------------------|--------------------|-----------------|
| FIRE DEPT | NON-MANAGED | N/A | HAUPPAUGE FIRE DIST | LEDGEWOOD DR | HAUPPAUGE NY |
| FIRE DEPT | NON-MANAGED | N/A | BOARD OF FIRE COMMS COPIAGUE FIR | 320 GREAT NECK RD | COPIAGUE NY |
| FIRE DEPT | NON-MANAGED | N/A | BOARD OF FIRE COMMS | 500 DIXON AV | COPIAGUE NY |
| FIRE DEPT | NON-MANAGED | N/A | N LINDENHURST VOL FIRE DEPT | 1630 STRAIGHT PATH | LINDENHURST NY |
| FIRE DEPT | NON-MANAGED | N/A | W BABYLON FIRE DIST | GREAT E NK RD | W BABYLON NY |
| FIRE DEPT | NON-MANAGED | N/A | W BABYLON FIRE DIST | 126 ARNOLD AV | W BABYLON NY |
| FIRE DEPT | NON-MANAGED | N/A | N BABYLON FIRE DIST | 20 HALE RD | N BABYLON NY |
| FIRE DEPT | NON-MANAGED | N/A | N BABYLON FIRE DIST | WALLACE CT | N BABYLON NY |
| FIRE DEPT | NON-MANAGED | N/A | N BABYLON FIRE DIST | BELMONT AV | BABYLON NY |
| FIRE DEPT | NON-MANAGED | N/A | N BABYLON FIRE DIST | BELMONT AV | N BABYLON NY |
| FIRE DEPT | NON-MANAGED | N/A | W BABYLON FIRE DIST | HERZEL BLVD | W BABYLON NY |
| FIRE DEPT | NON-MANAGED | N/A | WYANDANCH FIRE DEPT | MAIN AV | WYANDANCH NY |
| FIRE DEPT | NON-MANAGED | N/A | WYANDANCH VOLUNTEER FIRE CO INC | 1528 STRAIGHT PATH | WYANDANCH NY |
| FIRE DEPT | NON-MANAGED | N/A | DEER PK FIRE DIST 14 | 94 LAKE AV | DEER PARK NY |
| FIRE DEPT | NON-MANAGED | N/A | WEST ISLIP FIRE DIST | 309 UNION BLVD | WEST ISLIP NY |
| FIRE DEPT | NON-MANAGED | N/A | BAY SHORE FIRE DIST | TILLIE ST | BAY SHORE NY |
| FIRE DEPT | NON-MANAGED | N/A | BAY SHORE FIRE DIST | 195 5TH AV | BAY SHORE NY |
| FIRE DEPT | NON-MANAGED | N/A | BAY SHORE FIRE DIST | UNION BLVD | BAY SHORE NY |
| FIRE DEPT | NON-MANAGED | N/A | ISLIP FIRE DISTRICT | 28 MONELL AV | ISLIP NY |
| FIRE DEPT | NON-MANAGED | N/A | E ISLIP FIRE DIST | 30 E MAIN ST | E ISLIP NY |
| FIRE DEPT | NON-MANAGED | N/A | GREAT RIVER FIRE DIS | RIVER RD | GREAT RIVER NY |
| FIRE DEPT | NON-MANAGED | N/A | BRENTWOOD FIRE DIST | MARTINSTEIN AV | BRENTWOOD NY |
| FIRE DEPT | NON-MANAGED | N/A | W ISLIP FIRE DIST | 127 WATTS PL | WEST ISLIP NY |
| FIRE DEPT | NON-MANAGED | N/A | E BRENTWOOD FIRE DIS | 26 FULTON ST | BRENTWOOD NY |
| FIRE DEPT | NON-MANAGED | N/A | ISLIP FIRE DISTRICT | COMMACK RD | ISLIP NY |
| FIRE DEPT | NON-MANAGED | N/A | ISLIP TERR FIRE DIST | BEAVERDAM RD | ISLIP TERR NY |
| FIRE DEPT | NON-MANAGED | N/A | ISLIP TERR FIRE DIST | MANHATTAN BLVD | ISLIP TERR NY |
| FIRE DEPT | NON-MANAGED | N/A | BRENTWOOD FIRE DIST | 340 BROADWAY | BRENTWOOD NY |
| FIRE DEPT | NON-MANAGED | N/A | BRENTWOOD FIRE DIST | 125 4TH ST | BRENTWOOD NY |
| FIRE DEPT | NON-MANAGED | N/A | BRENTWOOD FIRE DIST | 20 1ST AV | BRENTWOOD NY |
| FIRE DEPT | NON-MANAGED | N/A | BRENTWOOD FIRE DIST | HEYWARD ST | BRENTWOOD NY |
| FIRE DEPT | NON-MANAGED | N/A | HAUPPAUGE FIRE DIST | WHEELER RD | HAUPPAUGE NY |
| FIRE DEPT | NON-MANAGED | N/A | HAUPPAUGE FIRE DIST | 812 TERRY RD | HAUPPAUGE NY |
| FIRE DEPT | NON-MANAGED | N/A | CTRL ISLIP FIRE DIST | 1250 NICOLLS RD | ISLANDIA NY |
| FIRE DEPT | NON-MANAGED | N/A | KISMET FIRE DIST | CEDAR CT | KISMET NY |
| FIRE DEPT | NON-MANAGED | N/A | FAIR HARBOR FIRE DIS | CENTRAL WK | FAIR HARBOR NY |
| FIRE DEPT | NON-MANAGED | N/A | OCEAN BAY PK FIRE | BAY WK NS | OCEAN BCH NY |
| FIRE DEPT | NON-MANAGED | N/A | FARMNGVLL FIRE DEPT | PORTION RD | FARMNGVILLE NY |

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|----------------|----------------|-------------------------|------------------------------|---------------------|-----------------|
| FIRE DEPT | NON-MANAGED | N/A | STONY BROOK FIRE | 147 MAIN ST | STONY BROOK NY |
| FIRE DEPT | NON-MANAGED | N/A | SETAUKET FIRE DIST | NORTH COUNTRY RD | E SETAUKET NY |
| FIRE DEPT | NON-MANAGED | N/A | TERRYVILLE FIRE DIST | 19 JAYNE BLVD | PT JEFF STA NY |
| FIRE DEPT | NON-MANAGED | N/A | SETAUKET FIRE DIST | ARROWHEAD LA | E SETAUKET NY |
| FIRE DEPT | NON-MANAGED | N/A | SETAUKET FIRE DIST | NICOLLS RD | SETAUKET NY |
| FIRE DEPT | NON-MANAGED | N/A | STONY BROOK FIRE | STONY BROOK RD | STONY BROOK NY |
| FIRE DEPT | NON-MANAGED | N/A | TERRYVILLE FIRE DIST | OLD TOWN RD | PT JEFF STA NY |
| FIRE DEPT | NON-MANAGED | N/A | SELDEN FIRE DISTRICT | HAWKINS RD | SELDEN NY |
| FIRE DEPT | NON-MANAGED | N/A | MILLER PL FIRE DIST | 12 MILLER PLACE RD | MILLER PL NY |
| FIRE DEPT | NON-MANAGED | N/A | SOUND BCH FIRE DIST | SOUND BEACH BLVD | SOUND BEACH NY |
| FIRE DEPT | NON-MANAGED | N/A | ROCKY POINT FIRE DIS | HALLOCK LANDING RD | ROCKY PT NY |
| FIRE DEPT | NON-MANAGED | N/A | ROCKY PT FIRE DIST | 90 KING RD | ROCKY PT NY |
| FIRE DEPT | NON-MANAGED | N/A | FARMINGVL FIRE DIST | 780 HORSEBLOCK RD | FARMNGVILLE NY |
| FIRE DEPT | NON-MANAGED | N/A | MT SINAI FIRE DIST | MT SINAI AV | MT SINAI NY |
| FIRE DEPT | NON-MANAGED | N/A | SELDEN FIRE DISTRICT | WOODMERE PL | SELDEN NY |
| FIRE DEPT | NON-MANAGED | N/A | RIDGE FIRE DIST | PANAMOKA TRL | RIDGE NY |
| FIRE DEPT | NON-MANAGED | N/A | MIDDLE ISLAND FIRE | MIDDLE CNTRY RD | MIDDLE IS NY |
| FIRE DEPT | NON-MANAGED | N/A | MT SINAI FIRE DIST | MT SINAI CORAM RD | MT SINAI NY |
| FIRE DEPT | NON-MANAGED | N/A | CORAM FIRE DIST | 303 MIDDLE CNTRY RD | CORAM NY |
| FIRE DEPT | NON-MANAGED | N/A | CORAM FIRE DIST | ROUTE 112 | CORAM NY |
| FIRE DEPT | NON-MANAGED | N/A | MIDDLE ISLAND FIRE | ARNOLD DR | MIDDLE IS NY |
| FIRE DEPT | NON-MANAGED | N/A | RONKONKOMA FIRE DIST | 177 PORTION RD | LAKE RONK NY |
| FIRE DEPT | NON-MANAGED | N/A | CENTEREACH FIRE DIST | VIRGINIA ST | CENTEREACH NY |
| FIRE DEPT | NON-MANAGED | N/A | ST JAMES FIRE DEPT | WOODLAWN AV | ST JAMES NY |
| FIRE DEPT | NON-MANAGED | N/A | NESCONSET FIRE DIST | LAKE AV | NESCONSET NY |
| FIRE DEPT | NON-MANAGED | N/A | NESCONSET FIRE DIST | 25 GIBBS POND RD | NESCONSET NY |
| FIRE DEPT | NON-MANAGED | N/A | SMITHTOWN FIRE DIST | 100 ELM AV | SMITHTOWN NY |
| FIRE DEPT | NON-MANAGED | N/A | CENTEREACH FIRE DIST | STONY BROOK RD | LAKE GROVE NY |
| FIRE DEPT | NON-MANAGED | N/A | W SAYVILLE OAKDALE FIRE DIST | 80 MAIN ST | W SAYVILLE NY |
| FIRE DEPT | NON-MANAGED | N/A | SAYVILLE FIRE DIST | LINCOLN AV | SAYVILLE NY |
| FIRE DEPT | NON-MANAGED | N/A | SAYVILLE FIRE DIST | 107 N MAIN ST | SAYVILLE NY |
| FIRE DEPT | NON-MANAGED | N/A | BAYPORT FIRE DIST | SNEDECOR AV | BAYPORT NY |
| FIRE DEPT | NON-MANAGED | N/A | BAYPORT FIRE DEPT | RAILROAD AV | BAYPORT NY |
| FIRE DEPT | NON-MANAGED | N/A | SAYVILLE FIRE DIST | BROADWAY AV | SAYVILLE NY |
| FIRE DEPT | NON-MANAGED | N/A | BOHEMIA FIRE DIST | 950 SMITHTOWN AV | BOHEMIA NY |
| FIRE DEPT | NON-MANAGED | N/A | HOLBROOK FIRE DIST | 1700 CHURCH ST | HOLBROOK NY |
| FIRE DEPT | NON-MANAGED | N/A | LAKELAND FIRE DIST | 929 JOHNSON AV | RONKONKOMA NY |
| FIRE DEPT | NON-MANAGED | N/A | LAKELAND FIRE DIST | CHESTNUT AV | RONKONKOMA NY |
| FIRE DEPT | NON-MANAGED | N/A | W SAYVILLE OAKDALE | MONTAUK HWY | OAKDALE NY |

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|----------------|----------------|-------------------------|--------------------------------|----------------------|-----------------|
| FIRE DEPT | NON-MANAGED | N/A | LAKELAND FIRE DIST | PECONIC AV | LAKE RONK NY |
| FIRE DEPT | NON-MANAGED | N/A | BOHEMIA FIRE DIST | 492 8TH ST | BOHEMIA NY |
| FIRE DEPT | NON-MANAGED | N/A | GORDON HTS FIRE DEPT | 23 HAWKINS AV | MEDFORD NY |
| FIRE DEPT | NON-MANAGED | N/A | N PATCHOGUE FIRE DIS | 765 OLD N OCEAN AV | PATCHOGUE NY |
| FIRE DEPT | NON-MANAGED | N/A | MEDFORD FIRE DIST | E0S ROUTE 112 | MEDFORD NY |
| FIRE DEPT | NON-MANAGED | N/A | NORTH PATCHOGUE FIRE | 100 BARTON AV | PATCHOGUE NY |
| FIRE DEPT | NON-MANAGED | N/A | MEDFORD FIRE DIST | PECONIC AV | MEDFORD NY |
| FIRE DEPT | NON-MANAGED | N/A | MEDFORD FIRE DIST | 181 OREGON AV | MEDFORD NY |
| FIRE DEPT | NON-MANAGED | N/A | BLUE POINT FIRE DIST | 205 BLUE POINT AV | BLUE POINT NY |
| FIRE DEPT | NON-MANAGED | N/A | PATCHOGUE FIRE DIST | 15 JENNINGS AV | PATCHOGUE NY |
| FIRE DEPT | NON-MANAGED | N/A | PATCHOGUE FIRE DIST | PARK ST | PATCHOGUE NY |
| FIRE DEPT | NON-MANAGED | N/A | BELLPORT FIRE DIST | 161 MAIN ST | BELLPORT NY |
| FIRE DEPT | NON-MANAGED | N/A | HOLBROOK FIRE DIST | HUMMEL AV | HOLBROOK NY |
| FIRE DEPT | NON-MANAGED | N/A | HOLBROOK FIRE DIST | 355 PATCH HOLB RD | HOLBROOK NY |
| FIRE DEPT | NON-MANAGED | N/A | BROOKHAVEN AMBULANCE | DUNTON AV | E PATCHOGUE NY |
| FIRE DEPT | NON-MANAGED | N/A | HAGERMAN FIRE DIST | OAKDALE AV | E PATCHOGUE NY |
| FIRE DEPT | NON-MANAGED | N/A | MASTIC FIRE DISTRICT | MASTIC RD | MASTIC NY |
| FIRE DEPT | NON-MANAGED | N/A | MASTIC FIRE DISTRICT | MASTIC BLVD | MASTIC NY |
| FIRE DEPT | NON-MANAGED | N/A | MASTIC BCH FIRE DIST | NEIGHBORHOOD RD | MASTIC BCH NY |
| FIRE DEPT | NON-MANAGED | N/A | MASTIC BCH FIRE DIST | NEIGHBORHOOD RD | MASTIC BCH NY |
| FIRE DEPT | NON-MANAGED | N/A | YAPHANK FIRE DIST C O BD OF CO | MAIN ST | YAPHANK NY |
| FIRE DEPT | NON-MANAGED | N/A | RIDGE FIRE DIST | 20 FRANCIS MOONEY DR | RIDGE NY |
| FIRE DEPT | NON-MANAGED | N/A | CENTER MORICHES FIREDIST | 301 MAIN ST | C MORICHES NY |
| FIRE DEPT | NON-MANAGED | N/A | HOLTSVILLE FIRE DEPT | 1025 WAVERLY AV | HOLTSVILLE NY |
| FIRE DEPT | NON-MANAGED | N/A | CHERRY GRV FIRE DIST | 181 BAYVIEW WK | CHERRY GRVE NY |
| FIRE DEPT | NON-MANAGED | N/A | DAVIS PK FIRE DIST | MAIN WK | DAVIS PARK NY |
| FIRE DEPT | NON-MANAGED | N/A | E MORICHES FIRE DIST | PINE ST | E MORICHES NY |
| FIRE DEPT | NON-MANAGED | N/A | BROOKHAVEN FIRE DIST | UPTON BLVD WS | SHIRLEY NY |
| FIRE DEPT | NON-MANAGED | N/A | MASTIC FIRE DISTRICT | N SERV ACCESS RD | MASTIC NY |
| FIRE DEPT | NON-MANAGED | N/A | MANORVILLE FIRE DIST | 170 CRANFORD BLVD | MASTIC NY |
| FIRE DEPT | NON-MANAGED | N/A | EASTPORT FIRE DIST | UNION ST | EASTPORT NY |
| FIRE DEPT | NON-MANAGED | N/A | MANORVILLE FIRE DIST | S CARTER RD | MANORVILLE NY |
| FIRE DEPT | NON-MANAGED | N/A | RIVERHEAD FIRE DIST | HAMILTON AV | RIVERHEAD NY |
| FIRE DEPT | NON-MANAGED | N/A | RIVERHEAD FIRE DIST | HUBBARD AV | RIVERHEAD NY |
| FIRE DEPT | NON-MANAGED | N/A | JAMESPORT FIRE DIST | MANOR LA | JAMESPORT NY |
| FIRE DEPT | NON-MANAGED | N/A | WADING RIV FIRE DIST | HULSE LANDING RD | WADING RIV NY |
| FIRE DEPT | NON-MANAGED | N/A | MATTITUCK FIRE DIST | PIKE ST | MATTITUCK NY |
| FIRE DEPT | NON-MANAGED | N/A | CUTCHOGUE FIRE DIST | 260 NEW SUFFOLK RD | CUTCHOGUE NY |
| FIRE DEPT | NON-MANAGED | N/A | SOUTHOLD FIRE DIST | MAIN RD | SOUTHOLD NY |

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|----------------|----------------|-------------------------|----------------------|----------------------|-----------------|
| FIRE DEPT | NON-MANAGED | N/A | E MARION FIRE DIST | MAIN RD | E MARION NY |
| FIRE DEPT | NON-MANAGED | N/A | FLANDERS FIRE DIST | FLANDERS RD | RIVERHEAD NY |
| FIRE DEPT | NON-MANAGED | N/A | WESTHAMPTON BCH FIRE | 92 SUNSET AV | WHAMPT BCH NY |
| FIRE DEPT | NON-MANAGED | N/A | E QUOGUE FIRE DIST | MONTAUK HWY | E QUOGUE NY |
| FIRE DEPT | NON-MANAGED | N/A | E QUOGUE FIRE DIST | HEAD OF LOTS RD | E QUOGUE NY |
| FIRE DEPT | NON-MANAGED | N/A | HAMPT BAYS FIRE DIST | MONTAUK HWY | HAMPT BAYS NY |
| FIRE DEPT | NON-MANAGED | N/A | HAMPT BAYS FIRE DIST | DEWEY LA | HAMPT BAYS NY |
| FIRE DEPT | NON-MANAGED | N/A | NORTH SEA FIRE DIST | NOYACK RD | SOUTHAMPTON NY |
| FIRE DEPT | NON-MANAGED | N/A | NORTH SEA FIRE DEPT | 21 STRAIGHT PATH | SOUTHAMPTON NY |
| FIRE DEPT | NON-MANAGED | N/A | BRIDGHMPTN FIRE DIST | 64 SCHOOL ST | BRIDGEHMPNTN NY |
| FIRE DEPT | NON-MANAGED | N/A | NORTH SEA FIRE DIST | 1255 NOYACK RD | SOUTHAMPTON NY |
| FIRE DEPT | NON-MANAGED | N/A | SAG HARBOR FIRE DEPT | CHURCH ST | SAG HARBOR NY |
| FIRE DEPT | NON-MANAGED | N/A | SPRINGS FIRE DIST | 179 FT POND BLVD | E HAMPTON NY |
| FIRE DEPT | NON-MANAGED | N/A | MONTAUK FIRE DIST | 89 2ND HOUSE RD | MONTAUK NY |
| FIRE DEPT | NYC AGENCIES | NYC FIRE DEPARTMENT | CITY OF NEW YORK | 402 BEACH 169TH ST | NEPONSIT NY |
| FIRE DEPT | NYC AGENCIES | NYC FIRE DEPARTMENT | CITY OF NEW YORK | 259 BEACH 116TH ST | ROCKWY PK NY |
| FIRE DEPT | NYC AGENCIES | NYC FIRE DEPARTMENT | CITY OF NEW YORK | 9220 ROCK BCH BLVD | ROCKWY BCH NY |
| FIRE DEPT | NYC AGENCIES | NYC FIRE DEPARTMENT | ROCKAWAY FIRE EMS ST | 4806 ROCKAWAY BCH BL | EDGEMERE NY |
| FIRE DEPT | NYC AGENCIES | NYC FIRE DEPARTMENT | CITY OF NEW YORK | 1617 CENTRAL AV | FAR ROCKWY NY |
| FIRE DEPT | VILLAGES | VILLAGE OF AMITYVILLE | VILL OF AMITYVILLE | 15 BENNETT PL | AMITYVILLE NY |
| FIRE DEPT | VILLAGES | VILLAGE OF AMITYVILLE | VILL OF AMITYVILLE | MILL ST | AMITYVILLE NY |
| FIRE DEPT | VILLAGES | VILLAGE OF AMITYVILLE | AMITYVILLE HWQ FIRE | W OAK ST | AMITYVILLE NY |
| FIRE DEPT | VILLAGES | VILLAGE OF BABYLON | VILLAGE OF BABYLON | 4 CEDAR ST | BABYLON NY |
| FIRE DEPT | VILLAGES | VILLAGE OF BELLEROSE | INC VIL OF BELLEROSE | SUPERIOR RD | FLORAL PARK NY |
| FIRE DEPT | VILLAGES | VILLAGE OF EAST HAMPTON | INC VIL OF E HAMPTON | CEDAR ST | E HAMPTON NY |
| FIRE DEPT | VILLAGES | VILLAGE OF FLORAL PARK | VILL OF FLORAL PARK | ATLANTIC AV | FLORAL PARK NY |
| FIRE DEPT | VILLAGES | VILLAGE OF FLORAL PARK | VILLAGE FLORAL PARK | HOLLAND AV | FLORAL PARK NY |
| FIRE DEPT | VILLAGES | VILLAGE OF GARDEN CITY | VILL OF GARDEN CITY | ST JAMES ST N | GARDEN CITY NY |
| FIRE DEPT | VILLAGES | VILLAGE OF GARDEN CITY | VILL OF GARDEN CITY | STEWART AV | GARDEN CITY NY |
| FIRE DEPT | VILLAGES | VILLAGE OF HEMPSTEAD | VILLAGE OF HEMPSTEAD | JACKSON ST | HEMPSTEAD NY |
| FIRE DEPT | VILLAGES | VILLAGE OF HEMPSTEAD | VILL OF HEMPSTEAD | 75 CLINTON ST | HEMPSTEAD NY |
| FIRE DEPT | VILLAGES | VILLAGE OF HEMPSTEAD | VILL OF HEMPSTEAD | PRESIDENT ST | HEMPSTEAD NY |
| FIRE DEPT | VILLAGES | VILLAGE OF HEMPSTEAD | VILL OF HEMPSTEAD | 1 BERNHARD ST | HEMPSTEAD NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| FIRE DEPT | VILLAGES | VILLAGE OF HEMPSTEAD | INC VIL OF HEMPSTEAD | 142 JERUSALEM AV | HEMPSTEAD NY |
| FIRE DEPT | VILLAGES | VILLAGE OF HEMPSTEAD | VILL OF HEMPSTEAD | 10 HOLLY AV | HEMPSTEAD NY |
| FIRE DEPT | VILLAGES | VILLAGE OF ISLAND PARK | VILL OF ISLAND PARK | 440 LONG BEACH RD | ISLAND PARK NY |
| FIRE DEPT | VILLAGES | VILLAGE OF LINDENHURST | INC VILLAGE OF | S DELAWARE AV | LINDENHURST NY |
| FIRE DEPT | VILLAGES | VILLAGE OF LINDENHURST | VILL LINDENHURST INC | 64 LANE ST | LINDENHURST NY |
| FIRE DEPT | VILLAGES | VILLAGE OF LINDENHURST | INC VILL LINDENHURST | DANIEL ST | LINDENHURST NY |
| FIRE DEPT | VILLAGES | VILLAGE OF LINDENHURST | VILL OF LINDENHURST | 39TH ST | LINDENHURST NY |
| FIRE DEPT | VILLAGES | VILLAGE OF LYNBROOK | INC VILLAGE OF LYNBK | WRIGHT AV | LYNBROOK NY |
| FIRE DEPT | VILLAGES | VILLAGE OF MALVERNE | VILLAGE OF MALVERNE | BROADWAY | MALVERNE NY |
| FIRE DEPT | VILLAGES | VILLAGE OF MINEOLA | INC VIL OF MINEOLA | 171 JERICHO TPK | MINEOLA NY |
| FIRE DEPT | VILLAGES | VILLAGE OF MINEOLA | MINEOLA FIREHOUSE | 166 ELM PL | MINEOLA NY |
| FIRE DEPT | VILLAGES | VILLAGE OF MINEOLA | VILLAGE OF MINEOLA | 166 ELM PL | MINEOLA NY |
| FIRE DEPT | VILLAGES | VILLAGE OF NISSEQUOGUE | NISSEQUOGUE FIRE DPT | 643 MORICHES RD | ST JAMES NY |
| FIRE DEPT | VILLAGES | VILLAGE OF NORTHPORT | VILLAGE OF NORTHPORT | 204 MAIN ST | NORTHPORT NY |
| FIRE DEPT | VILLAGES | VILLAGE OF OCEAN BEACH | OCEAN BEACH FIREHSE | MIDWAY | OCEAN BCH NY |
| FIRE DEPT | VILLAGES | VILLAGE OF OCEAN BEACH | OCEAN BEACH VOL | 480 BAYBERRY WK | OCEAN BCH NY |
| FIRE DEPT | VILLAGES | VILLAGE OF QUOGUE | VILLAGE OF QUOGUE | JESSUP AV | QUOGUE NY |
| FIRE DEPT | VILLAGES | VILLAGE OF SAG HARBOR | VILL OF SAG HARBOR | 1357 BRICKKILN RD | SAG HARBOR NY |
| FIRE DEPT | VILLAGES | VILLAGE OF SALTAIRE | INC VILL OF SALTAIRE | 105 BROADWAY | SALTAIRE NY |
| FIRE DEPT | VILLAGES | VILLAGE OF SEA CLIFF | VILLAGE OF SEA CLIFF | MAPLE AV | SEA CLIFF NY |
| FIRE DEPT | VILLAGES | VILLAGE OF SOUTH FLORAL PARK | VILL OF SO FLORAL PK | 383 ROQUETTE AV | S FLORAL PK NY |
| FIRE DEPT | VILLAGES | VILLAGE OF SOUTHAMPTON | VILL OF SOUTHAMPTON | WINDMILL LA | SOUTHAMPTON NY |
| FIRE DEPT | VILLAGES | VILLAGE OF VALLEY STREAM | VIL OF VALLEY STREAM | 190 COCHRAN PL | VALLEY STRM NY |
| FIRE DEPT | VILLAGES | VILLAGE OF VALLEY STREAM | VIL OF VALLEY STREAM | BROOKLYN AV | VALLEY STRM NY |
| FIRE DEPT | VILLAGES | VILLAGE OF VALLEY STREAM | VIL OF VALLEY STREAM | ROCKAWAY PKY | VALLEY STRM NY |
| FIRE DEPT | VILLAGES | VILLAGE OF VALLEY STREAM | VIL OF VALLEY STREAM | CLEARSTREAM AV | VALLEY STRM NY |
| FIRE DEPT | VILLAGES | VILLAGE OF VALLEY STREAM | VIL OF VALLEY STREAM | 112 S CORONA AV | VALLEY STRM NY |
| FIRE DEPT | VILLAGES | VILLAGE OF WILLISTON PARK | VILL WILLISTON PARK | 454 WILLIS AV | WILLISTN PK NY |
| FIRE DEPT | WATER DISTRICTS | GARDEN CITY PARK WATER DISTRICT | GDN CTY PK FIRE DEPT | 1030 DENTON AV | GDN CITY PK NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| FIRE DEPT | WATER DISTRICTS | MANHASSET LAKEVILLE WATER DIST | MANHASSET LAKEVILLE | 35 BAYVIEW AV | MANHASSET NY |
| FIRE DEPT | WATER DISTRICTS | MANHASSET LAKEVILLE WATER DIST | MANHASSET LAKEVILLE | COMMUNITY DR | MANHASSET NY |
| FIRE DEPT | WATER DISTRICTS | MANHASSET LAKEVILLE WATER DIST | MANHASSET-LAKEVILLE | 21 78TH AV | NEW HYDE PK NY |
| FIRE DEPT | WATER DISTRICTS | WESTBURY WATER DISTRICT | WESTBURY FIRE DISTRI | 160 DREXEL AV | WESTBURY NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | BRUNSWICK HOSPITAL | BRUNSWICK HOUSE CARL | LOUDEN AV | AMITYVILLE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | MERCY HAVEN INC | 2571 ASTER PL N | WESTBURY NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | MERCY FIRST | CONVENT RD | SYOSSET NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | MERCY FIRST | COVENT RD | SYOSSET NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | MERCY FIRST | CONVENT RD | SYOSSET NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | MERCY FIRST | 525 CONVENT RD | SYOSSET NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | MERCY FIRST | CONVENT RD | SYOSSET NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | ST CATHERINE OF SIEN | 48 ROUTE 25A | SMITHTOWN NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | MARYHAVEN CENTER OF | 720 ALBIN AV | W BABYLON NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | MERCY HAVEN INC | 226 FEUSTAL ST | W BABYLON NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | MERCY FIRST | 30 FILLMORE AV | DEER PARK NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | CONSOLATN NRS HM INC | 111 BEACH DR | WEST ISLIP NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | MERCY HAVEN INC | 705 MONTAUK HWY | BAY SHORE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | GOOD SAMARITAN HOSP | 55 W MAIN ST | BAY SHORE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | SISTERS OF ST JOSEPH | BRENTWOOD RD | BRENTWOOD NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | GOOD SAMARITAN HOSPI | 70 ARKAY DR | HAUPPAUGE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | MARY HAVEN CTR OF | 332 THOMPSON ST | PT JEFFERSN NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | GOOD SAMARITAN HOSP | CANDEE AV | SAYVILLE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | MERCY HAVEN INC | 396 MIDDLE RD | BAYPORT NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | FAMILY RESI & ESSENT | 1363 N JERUSALEM RD | E MEADOW NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | FAMILY RESIDENCES | 490 MAIN ST | FARMINGDALE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | FAMILY RESIDENCES | 675 CONKLIN ST | FARMINGDALE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | FAMILY AND CHILDRENS | 1745 WANTAGH AV | WANTAGH NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | FAMILY RESIDENCES & | 67 1ST ST | LOCUST VLY NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | FAMILY RESI & ESSENT | 49 BOND LA | HICKSVILLE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | FAMILY RESIDENCES | 327 NEWBRIDGE RD | HICKSVILLE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | FAMILY RESIDENCES & | 191 BETHPAGE RD | O BETHPAGE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | FAMILY RSDNC WOODBNE | 466 WOODBINE ST | UNIONDALE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | FAM RESI & ESSEN ENT | 911 PARK AV | HUNTINGTON NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | FAMILY RESI & ESSENT | 12 OLD EAST NECK RD | MELVILLE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | FAMILY RESI & ESSENT | 32 RICHBOURNE LA | MELVILLE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | FAMILY REST & ESSENT | 345 S WELLWOOD AV | LINDENHURST NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | FAMILY RESIDENCES | 8591 N MONROE AV | LINDENHURST NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | F R E E INC | 395A GREAT E NK RD | W BABYLON NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | F R E E INC | 389B GREAT E NK RD | W BABYLON NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | F R E E INC | 1633 AUGUST RD | N BABYLON NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | F R E E INC | 1737 AUGUST RD | N BABYLON NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | F R E E INC | 88 CLAIRE CT | W BABYLON NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | F R E E INC | 92 CALVERT AV | W BABYLON NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | FAMILY RESIDENCES | 96 CALVERT AV | W BABYLON NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | F R E E INC | 92 CALVERT AV | W BABYLON NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | FAMILY REST & ESSENT | 21 ROCKLAND AV | W BABYLON NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | FAMILY RESIDENCES & | 23 DEFOREST AV | WEST ISLIP NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | FAM RESI & ESSENT | 1 MEEKS LA | ISLIP NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | F R E E | 7 WILLOWBROOK AV | BAY SHORE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | F R E E | 11 WILLOWBROOK AV | BAY SHORE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | FAM RESI & ESSENT | 45 PENNSYLVANIA AV | BRENTWOOD NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | FAM RESI & ESSENT | 120 PLANT AV | HAUPPAUGE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | F R E E INC | 437 LINCOLN BLVD | HAUPPAUGE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | F R E E INC | 461 LINCOLN BLVD | HAUPPAUGE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | FAMILY RESIDENCES | HAY RD | RIDGE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | FAMILY RESIDENCES | 29 CORAM SWZYTWN RD | MIDDLE IS NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | F R E E | 528 MIDDLE CNTRY RD | CORAM NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | FAMILY RESI & ESSENT | 171 STARLIGHT WK | HOLBROOK NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | FAMILY RESIDENCES | 961 GRUNDY AV | HOLBROOK NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | FAMILY RESIDENCES | 98 HOSPITAL RD | E PATCHOGUE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | FAM RES & ESSNTL | 49 PINEWAY AV | MASTIC BCH NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | FAM RES & ESSNTL ENT | 133 ELEANOR AV | MASTIC NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | FAMILY RESIDENCE AND ESSENTIAL ENT | FAM RESI & ESSEN ENT | 22 MAPLEWOOD DR | SHIRLEY NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | JOHN T MATHER MEMORIAL HOSPITAL | ACTIVE RETIREMENT IN | 1 JEFFSON FERRY DR | S SETAUKET NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | JOHN T MATHER MEMORIAL HOSPITAL | ACTIVE RETIREMENT IN | 1 JEFFSN FERRY WAY | S SETAUKET NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | JOHN T MATHER MEMORIAL HOSPITAL | ACTIVE RETIREMENT IN | 1 JEFFERSN FERRY WAY | S SETAUKET NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | LIDDSO | L I D D S O | 14 PEARSALL AV | LYNBROOK NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | LIDDSO | L I D D S O | 111 HEMPSTEAD AV | MALVERNE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | LIDDSO | L I D D S O | 330 NASSAU BLVD | GDN CITY PK NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | LIDDSO | L I D D S O | 184 W SHORE RD | HUNTINGTON NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | LIDDSO | L I D D S O | 115 MANOR RD | HUNTINGTON NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | LIDDSO | L I D C | 195 OLD SOUTH PATH | MELVILLE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | LIDDSO | L I D C | 220 OLD SOUTH PATH | MELVILLE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | LIDDSO | L I D C | 218 OLD SOUTH PATH | MELVILLE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | LIDDSO | L I D C | 214 OLD SOUTH PATH | MELVILLE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | LIDDSO | LIDDSO WESTERN 901- | MELVILLE ESTATES CT | MELVILLE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | LIDDSO | LIDDSO EASTERN 913- | RAINBOW COMMONS CT | MELVILLE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | LIDDSO | L I D C | 123 CARMAN RD | DIX HILLS NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | LIDDSO | L I D C | 129 CARMAN RD | DIX HILLS NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | LIDDSO | L I D D S O | WEST YAPHANK RD | MIDDLE IS NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NASSAU UNIVERSITY MEDICAL CENTER-NUHEALTH | COUNTY OF NASSAU S5 | 875 JERUSALEM AV | UNIONDALE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NASSAU UNIVERSITY MEDICAL CENTER-NUHEALTH | COUNTY OF NASSAU V4 | 875 JERUSALEM AV | UNIONDALE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NASSAU UNIVERSITY MEDICAL CENTER-NUHEALTH | COUNTY OF NASSAU 66 | 875 JERUSALEM AV | UNIONDALE NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NASSAU UNIVERSITY MEDICAL CENTER-NUHEALTH | COUNTY OF NASSAU AH PATTERSON HM | 875 JERUSALEM AV | UNIONDALE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NASSAU UNIVERSITY MEDICAL CENTER-NUHEALTH | COUNTY OF NASSAU CJ | 875 JERUSALEM AV | UNIONDALE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | FRANKLIN GEN HOSP N SHORE LIJ | 1072 FRANKLIN AV | VALLEY STRM NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE COMMUNIT | 733 SUNRISE HWY | LYNBROOK NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NSH COMMUNITY SERV | 972 BRUSH HOLLOW RD | WESTBURY NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NSLIJ HEALTH SYSTEM | 8 GREENFIELD RD | SYOSSET NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | N SHORE COMM SVC | 401 W GRUMMAN RD | BETHPAGE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTHSHORE COMMUNITY | 1001 S OYSTER BAY RD | BETHPAGE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE COMP WOM | 4300 HEMPSTEAD TPK | BETHPAGE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE LIJ | 43 CROSSWAYS PK DR | WOODBURY NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE HEALTH S | 25 CENTRAL PK RD | PLAINVIEW NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE UNIVERS | 888 OLD COUNTRY RD | PLAINVIEW NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | WEDGEWOOD NURSING HOME AS RECEVR | 199 COMMUNITY DR | GREAT NECK NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE HOSPITAL | 400 COMMUNITY DR | MANHASSET NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE HOSPITAL | 300 COMMUNITY DR | MANHASSET NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE HOSP | 300 COMMUNITY DR | MANHASSET NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | LI JEWISH MED CTR | 1554 NORTHERN BLVD | MANHASSET NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | L I J HOSPITAL | 1554 NORTHERN BLVD | MANHASSET NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE COMMUNIT | 1979 MARCUS AV | L SUCCESS NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NO SHORE HEALTH SYS | 10 NEVADA DR | L SUCCESS NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | L I JEWISH-HILLSIDE | 400 LAKEVILLE RD | L SUCCESS NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | L I JEWISH DEPT OF H | 410 LAKEVILLE RD | L SUCCESS NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | L I JEWISH DEPT OF H | 410 LAKEVILLE RD | L SUCCESS NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE LIJ HEAL | 420 LAKEVILLE RD | L SUCCESS NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | L I JEWISH DEPT OF H | 410 LAKEVILLE RD | L SUCCESS NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | LI JEWISH HILLSIDE | 410 LAKEVILLE RD | L SUCCESS NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | LONG ISLAND JEWISH | 410 LAKEVILLE RD | L SUCCESS NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE COMMUNIT | 410 LAKEVILLE RD | L SUCCESS NY |

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| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | LI JEWISH HILLSIDE | 444 LAKEVILLE RD | NEW HYDE PK NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NO SHORE COM SVC INC | 100 COMMUNITY DR | L SUCCESS NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE COMM SVC | 100 COMMUNITY DR | L SUCCESS NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE COMMUNIT | 175 COMMUNITY DR | GREAT NECK NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | REGIONCARE INC N SHORE LIJ | 200 COMMUNITY DR | GREAT NECK NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE COMM SVC | 225 COMMUNITY DR | L SUCCESS NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NSUH | 225 COMMUNITY DR | L SUCCESS NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE COMMUNIT | 225 COMMUNITY DR | L SUCCESS NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE HOSPITAL | 865 NORTHERN BL | GREAT NECK NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE COMMUNIT | 611 NORTHERN BLVD | GREAT NECK NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | N SHORE COMM SVC INC | 10 MEDICAL PL | GLEN COVE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | COMM HOSP GLEN COVE | 21 WALNUT RD | GLEN COVE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE COMMUNIT | 270 PULASKI RD | GREENLAWN NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE COMMUNIT | 270 PULASKI RD | GREENLAWN NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE COMMUNIT | 270 PULASKI RD | GREENLAWN NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | SOUTH OAKS HOSPITAL | 400 BROADWAY | AMITYVILLE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | SUMEET K ANAND MD PC | 1111 MONTAUK HWY | WEST ISLIP NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE LIJ | 620 MAIN ST | ISLIP NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NYS OFFICE OF MENTAL HEALTH-KINGS PARK-PILGRIM-SAGAMORE | PILGRIM STATE HOSP | 201 GARDEN PL | W HEMPSTEAD NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NYS OFFICE OF MENTAL HEALTH-KINGS PARK-PILGRIM-SAGAMORE | PILGRIM STATE PSYCHI | G RD | BRENTWOOD NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NYS OFFICE OF MENTAL HEALTH-KINGS PARK-PILGRIM-SAGAMORE | NYS ASSOC FOR RETARDCHILD INC | 2900 VETERANS HWY | BOHEMIA NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | NYS OFFICE OF MENTAL HEALTH-KINGS PARK-PILGRIM-SAGAMORE | NYS AHRC INC | RIVERHEAD WHAMPT RD | WESTHAMPTON NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | PROHEALTH | PRO HEALTH CORP | 4277 HEMPSTEAD TPK | BETHPAGE NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
|-------------------------|-------------------------------|---------------------------------|---------------------------|---------------------|-----------------|
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | PROHEALTH | PRO HEALTH REALTY | 4277 HEMPSTEAD TPK | BETHPAGE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | PROHEALTH | DAY-OP CENTER | 110 WILLIS AV | MINEOLA NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | PROHEALTH | PRO HEALTH CORP | 2 OHIO DR | NEW HYDE PK NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | SOUTH NASSAU COMMUNITY HOSPITAL | SO NASSAU COMM HOSP | 1420 BROADWAY | HEWLETT NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | SOUTH NASSAU COMMUNITY HOSPITAL | SO NASSAU COMM HOSP | 2277 GRAND AV | BALDWIN NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | SOUTH NASSAU COMMUNITY HOSPITAL | SO NASSAU COMM HOSP | 196 MERRICK RD | OCEANSIDE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | SOUTH NASSAU COMMUNITY HOSPITAL | SO NASSAU COMM HOSP | 3618 OCEANSIDE RD | OCEANSIDE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | SOUTH NASSAU COMMUNITY HOSPITAL | SO NASSAU COMM HOSP | 2750 MERRICK RD | BELLMORE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | SOUTHAMPTON HOSPITAL | SHA PROPERTIES INC | 188 W MONTAUK HWY | HAMPT BAYS NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | STONY BROOK UNIVERSITY HOSPITAL | DCI STONY BROOK | 26 RESEARCH WAY | E SETAUKET NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | WINTHROP HOSPITAL | WINTHROP UNIV HOSP | 777 ZECKENDORF BLVD | GARDEN CITY NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | WINTHROP HOSPITAL | WINTHROP UNIV HOSP | 1401 FRANKLIN AV | GARDEN CITY NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | WINTHROP HOSPITAL | WINTHROP UNIV HOSP | 200 OLD COUNTRY RD | MINEOLA NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-HOSPITALS | WINTHROP HOSPITAL | NASSAU HOSPITAL | 120 MINEOLA BLVD | MINEOLA NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | ARCADIA MANAGEMENT | WESTBURY HOME OPER C | 45 JERICHO TPK | JERICHO NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | ARCADIA MANAGEMENT | THE WESTBURY HOME | 3 ABERDEEN RD | WESTBURY NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | ARCADIA MANAGEMENT | SHIRLBART RE OPER CO | 1740 EXPRESSWAY DR | HAUPPAUGE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | ARCADIA MANAGEMENT | SHIRLBART RE OPER CO | 1740 EXPRESSWAY DR | HAUPPAUGE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | ARCADIA MANAGEMENT | ISLANDIA COMM SRS OPER CO | 1515 VETS MEM HWY | ISLANDIA NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | ARCADIA MANAGEMENT | ISLANDIA COMM SRS OP | 1515 VETS HWY | HAUPPAUGE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | ARCADIA MANAGEMENT | ISLAND MANOR OPER CO | 1065 SMITHTOWN AV | BOHEMIA NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | ATRIA SENIOR LIVING | KAPSON CONST CORP | 100 PENNINSULA BLVD | LYNBROOK NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | ATRIA SENIOR LIVING | SENIOR QUARTERS | 125 OCEAN AV | LYNBROOK NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | ATRIA SENIOR LIVING | SENIOR QUARTERS | 12 WASHINGTON AV | PLAINVIEW NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | ATRIA SENIOR LIVING | SENIOR QUARTERS | 96 CUTTERMILL RD | GREAT NECK NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | ATRIA SENIOR LIVING | FB KAP ASSOC LLC | 51 GREAT NECK RD | GREAT NECK NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | ATRIA SENIOR LIVING | SENIORS AT GREAT NEC | 51 GREAT NECK RD | GREAT NECK NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | ATRIA SENIOR LIVING | SENIOR QUARTERS MAGA | 67 BRYANT AV | ROSLYN NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | ATRIA SENIOR LIVING | SENIOR QUARTERS | 146 GLEN ST | GLEN COVE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | ATRIA SENIOR LIVING | EUA COGENEX CORP | 165 BEVERLY RD | HUNT STA NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | ATRIA SENIOR LIVING | LARKFIELD GARDENS | 10 CHESHIRE PL | E NORTHPORT NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | ATRIA SENIOR LIVING | SENIOR QUARTERS | 53 OCEAN AV | BAY SHORE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | ATRIA SENIOR LIVING | KAPSON CONST CORP | 4089 NESCONSET HWY | CENTEREACH NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | ATRIA SENIOR LIVING | KAPSON CONST CORP | NESCONSET HWY | CENTEREACH NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | ATRIA SENIOR LIVING | NORTH SHORE LODGE | 4089 NESCONSET HWY | CENTEREACH NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | AVALON GARDENS REHAB AND HEALTHCARE CENTER-LUTHERAN CTR | LUTHERAN NURSNG HOME | ROUTE 25A | SMITHTOWN NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | AVALON GARDENS REHAB AND HEALTHCARE CENTER-LUTHERAN CTR | LUTHERAN NURSNG HOME | ST JOHNLAND RD | SMITHTOWN NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | BAYVIEW NURSING AND REHAB CENTER | UN CEREBRAL PALSY | 1 LONG BEACH RD | ISLAND PARK NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | BELLHAVEN NURSING CENTER | BELLHAVEN CENTER CASHEHN | 110 BEAVER DAM RD | BROOKHAVEN NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | BEZALEL NURSING HOME | BEZALEL NURSING HME | 2938 FAR ROCKWY BLVD | FAR ROCKWY NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | BIRCHWOOD HEALTH CENTER | S AND L BIRCHWOOD LLC | 78 BIRCHWOOD DR | HUNT STA NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | BIRCHWOOD HEALTH CENTER | S AND L BIRCHWOOD LLC | 78 BIRCHWOOD DR | HUNT STA NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | BIRCHWOOD HEALTH CENTER | S AND L BIRCHWOOD LLC | 78 BIRCHWOOD DR | HUNT STA NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | BIRCHWOOD HEALTH CENTER | S & L BIRCHWOOD LLC | 78 BIRCHWOOD DR | HUNT STA NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | BIRCHWOOD HEALTH CENTER | S AND L BIRCHWOOD LLC | 78 BIRCHWOOD DR | HUNT STA NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | BROOKHAVEN HEALTHCARE FACILITY | BROOKHAVEN HEALTH | 801 GAZZOLA DR | E PATCHOGUE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | CARILLON HOUSE NURSING HOME | JOSEPH F CARILLO DBA CARILLON | 830 PARK AV | HUNTINGTON NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | CARILLON HOUSE NURSING HOME | CARILLON HOUSE NURSI | 830 PARK AV | HUNTINGTON NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | CARILLON HOUSE NURSING HOME | J F CARILLO CARILLON HSE | 830 PARK AV | HUNTINGTON NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | CENTRAL ISLAND HEALTHCARE | OZONE ACQUISITIONS LLC | 825 OLD COUNTRY RD | PLAINVIEW NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | EAST NECK NURSING CENTER | EAST NK NURSING CNTR | 134 GREAT NECK RD | W BABYLON NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | GARDEN CARE CENTER | GARDEN CARE CTR INC | 135 FRANKLIN AV | FRANKLIN SQ NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | GLENGARIFF NURSING HOME | GLENGARIFF NURSING | GLENGARIFF DR | GLEN COVE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | GLENGARIFF NURSING HOME | GLEN GARIFF NURSING | GLENGARIFF DR | GLEN COVE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | GLENGARIFF NURSING HOME | GLEN GARIFF CORP BOX 71 | GLEN GARIFF DR | GLEN COVE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | GRACE NECK PLAZA | THE GRACE PLAZA CO | 15 ST PAULS PL | GREAT NECK NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | GURWIN JEWISH GERIATRIC CENTER | GURWIN JEWISH-FAY J | 50 HAUPPAUGE RD | COMMACK NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | GURWIN JEWISH GERIATRIC CENTER | GURWIN JEWISH GERIAT | 68 HAUPPAUGE RD | COMMACK NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | GURWIN JEWISH GERIATRIC CENTER | GURWIN JEWISH | 68 HAUPPAUGE RD | COMMACK NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | HELEN KELLER NATIONAL CENTER | HELEN KELLER NATIONAL CTR | 141 MIDDLE NECK RD | SANDS PT NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | LONG BEACH GRANDELL | LONG BEACH GRANDELL | 645 W BROADWAY | LONG BCH NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | LONG BEACH MEMORIAL NURSING HOME INC | MLAP ACQUISITION I LLC | 375 E BAY DR | LONG BCH NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | NASSAU EXTENDED CARE CENTER | EXTENDED DAY CARE CO | 1 GREENWICH ST | HEMPSTEAD NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | NESCONSET NURSING HOME | NESCONSETT NURSING | 100 SOUTHERN BLVD | NESCONSET NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | NEW BROOKHAVEN TOWNHOUSE | NEW BROOKHAVEN TWNHS | 10 STIRIZ RD | BELLPORT NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | NEW SURFSIDE NURSING HOME | SURFSIDE NURSING HOME DIP | 2241 NEW HAVEN AV | FAR ROCKWY NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | OCEAN PROMENADE NURSING CENTER | OCEAN PROM NURS CNTR | 11212 OCEAN PROM | ROCKWY PK NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | PARK AVENUE NURSING HOME | PARK NURSING HOME A MCDONOUGH | 128 BEACH 115TH ST | ROCKWY PK NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | PARKVIEW NURSING | PARKVIEW CARE & REHBCTR D I P | 5353 MERRICK RD | MASSAPEQUA NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | PENINSULA CENTER FOR EXTENDED CARE & REHAB | CARDIFF BAY,LLC DGBAPENN NUR&REH | 5015 BEACH CHANNEL | EDGEMERE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | PLATTDUETCHE HOME | PLATTDEUTSCH HOME | 1150 HEMPSTEAD TPK | FRANKLIN SQ NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | PROMENADE NURSING HOME | PROMENADE NURSNG INC | 140 BEACH 114TH ST | ROCKWY PK NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | RESORT NURSING HOME | RESORT HEALTH FACLTBYBUSINESS OFF | 430 BEACH 68TH ST | ARVERNE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | RESORT NURSING HOME | RESORT NURSING HOME | 6411 BEACH CHANNEL | ARVERNE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | RIVERHEAD NURSING HOME | RIVERHEAD NURSNG HME | HARRISON AV | RIVERHEAD NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | ST JAMES HEALTHCARE CENTER | ST JAMES HEALTH CARE | 275 MORICHES RD | ST JAMES NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | ST JAMES PLAZA NURSING-MILLS POND | ST JAMES NURSING | 273 MORICHES RD | ST JAMES NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | ST JOHNLAND NURSING HOME | ST JOHNLAND NURSING | 395 SUNKEN MEADOW RD | KINGS PARK NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | SUNHARBOR MANOR | SUNHARBOR MANOR | 255 WARNER AV | ROSLYN HGTS NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | SUNRISE ASSISTED LIVING | SUNRISE DEV INC | 53 FRANKLIN AV | LYNBROOK NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | SUNRISE ASSISTED LIVING | SUNRISE ASSISTED | 1555 GLEN CURTIS CRS | E MEADOW NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | SUNRISE ASSISTED LIVING | SUNRISE ASSISTED | 1231 OLD COUNTRY RD | PLAINVIEW NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | SUNRISE ASSISTED LIVING | SUNRISE ASSISTED LIV | 39 FOREST AV | GLEN COVE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | SUNRISE ASSISTED LIVING | SUNRISE ASSISTED LIV | 337 DEER PARK AV | DIX HILLS NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | SUNRISE ASSISTED LIVING | SUNRISE ASSISTED LIV | 580 MONTAUK HWY | W BABYLON NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | SUNRISE ASSISTED LIVING | SUNRISE ASSISTED | 1 SUNRISE DR | SETAUKET NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | SUNRISE ASSISTED LIVING | SUNRISE ASSISTED LIV | 30 HAUPPAUGE RD | SMITHTOWN NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | SUNRISE ASSISTED LIVING | SUNRISE ASSISTED LIV | 320 PATCHOGUE RD | HOLBROOK NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | SUNRISE ASSISTED LIVING | SUNRISE ASSISTED LIV | 320 PATCH HOLBROOK RD | HOLBROOK NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | SURFSIDE MANOR | BHSH CORP | 9502 ROCKWY BEACH BL | ROCKWY BCH NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | SURFSIDE MANOR | SURFSIDE NURSING | 2236 BROOKHAVEN AV | FAR ROCKWY NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | THE HAMPTONS CENTER FOR REHAB AND NURSING | NORTH SEA ASSOCIATES | 64 CR 39 | SOUTHAMPTON NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | THE HAMPTONS CENTER FOR REHAB AND NURSING | NORTH SEA ASSOCIATES | 64 COUNTRY RD 39 | SOUTHAMPTON NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | THE HAMPTONS CENTER FOR REHAB AND NURSING | NORTH SEA ASSOC LLC | 64 COUNTY RD 39 | SOUTHAMPTON NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | THE HAMPTONS CENTER FOR REHAB AND NURSING | SOUTHAMPTON NURSING | 330Q MEETINGHOUSE LA | SOUTHAMPTON NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | TOWNHOUSE EXTENDED CARE CENTER | TOWNHOUSE EXTENDED | 755 FULTON AV | HEMPSTEAD NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | UNITED PRESBYTERIAN | UNITED PRESBYTERIAN CORP FINANCE | 378 SYOSSET WDBRY RD | WOODBURY NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | UNITED PRESBYTERIAN | UNITED PRESBYTERIAN CORP FINANCE | 378 SYOSSET WDBRY RD | WOODBURY NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | UNITED PRESBYTERIAN | UNITED PRESBYTERIAN CORP FINANCE | 378 SYOSSET WDBRY RD | WOODBURY NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | UNITED PRESBYTERIAN | UNITED PRESBYTERIAN CORP FINANCE | 378 SYOSSET WDBRY RD | WOODBURY NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | UNITED PRESBYTERIAN | UNITED PRESBYTERIAN | 378 SYOSSET WDBRY RD | SYOSSET NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | WEST LAWRENCE CARE CENTER | SEAGIRT HEALTH SERV | 1731 SEAGIRT BLVD | FAR ROCKWY NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | WEST LAWRENCE CARE CENTER | SEAGIRT HLTH REL FAC | 1410 SEAGIRT BLVD | FAR ROCKWY NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | WOODMERE HEALTHCARE CENTER | WOODMERE PARK ASSOCI | 901 HARVARD CT | WOODMERE NY |
| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | WOODMERE HEALTHCARE CENTER | WOODMERE HLTH RELATD | 121 FRANKLIN PL | WOODMERE NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| HEALTH RELATED FACILITY | HEALTH SERVICES-NURSING HOMES | WOODMERE HEALTHCARE CENTER | WOODMERE LANES | 948 BROADWAY | WOODMERE NY |
| HEALTH RELATED FACILITY | MANUFACTURING | KEDRION MELVILLE INC | KEDRION MELVILLE INC | 155 DURYEA RD | MELVILLE NY |
| HEALTH RELATED FACILITY | MANUFACTURING | KEDRION MELVILLE INC | KEDRION MELVILLE INC | 155 DURYEA RD | MELVILLE NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMPSTEAD | 1180 MARTHA PL | FRANKLIN SQ NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMP HS AUTH | 339 BAYVIEW AV | INWOOD NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMP HS AUTH | FLOWER RD | VALLEY STRM NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMPSTEAD | 1810 GRAND AV | BALDWIN NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMPSTEAD | 1810 GRAND AV | BALDWIN NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMPSTEAD | 1810 GRAND AV | BALDWIN NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMPSTEAD | 1810 GRAND AV | BALDWIN NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMPSTEAD | 1810 GRAND AV | BALDWIN NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMPSTEAD | 1810 GRAND AV | BALDWIN NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMP HS AUTH | 2 BABYLON TPK | ROOSEVELT NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMP HS AUTH | 2 BABYLON TPK | ROOSEVELT NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMP HS AUTH | 2 BABYLON TPK | ROOSEVELT NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HMP HSE AUTH | 2900 ROCKAWAY AV | OCEANSIDE NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HMP HSE AUTH | 2900 ROCKAWAY AV | OCEANSIDE NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HMP HSE AUTH | 2900 ROCKAWAY AV | OCEANSIDE NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMP HS AUTH | 2900 ROCKAWAY AV | OCEANSIDE NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HMP HSE AUTH | 2900 ROCKAWAY AV | OCEANSIDE NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HMP HSE AUTH | 2900 ROCKAWAY AV | OCEANSIDE NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HMP HS AUTH | 2900 ROCKAWAY AV | OCEANSIDE NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMPSTEAD | 555 NEWBRIDGE RD | LEVITTOWN NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMPSTEAD | 555 NEWBRIDGE RD | LEVITTOWN NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMP HS AUTH | 555 NEWBRIDGE RD | LEVITTOWN NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMP HS AUTH | 460 SALISBURY PK DR | WESTBURY NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | T OF HEMP HOUSING | 460 SALISBURY PK DR | WESTBURY NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMP HS AUTH | 2025 BELLMORE AV | BELLMORE NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMP HS AUTH | 2025 BELLMORE AV | BELLMORE NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMP HS AUTH | 2025 BELLMORE AV | BELLMORE NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMP HS AUTH | 2000 BELLMORE AV | BELLMORE NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMP HS AUTH | 2000 BELLMORE AV | BELLMORE NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMP HS AUTH | 2000 BELLMORE AV | BELLMORE NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMP HS AUTH | 2000 BELLMORE AV | BELLMORE NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMP HS AUTH | 2000 BELLMORE AV | BELLMORE NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMP HS AUTH | 2000 BELLMORE AV | BELLMORE NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMP HS AUTH | 2000 BELLMORE AV | BELLMORE NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMP HS AUTH | 1150 SEAMANS NECK RD | WANTAGH NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMP HS AUTH | 1150 SEAMANS NECK RD | WANTAGH NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
|-------------------------|----------------------------|------------------------------|---------------------------------|----------------------|-----------------|
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMP HS AUTH | 1150 SEAMANS NECK RD | WANTAGH NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMP HS AUTH | 1150 SEAMANS NECK RD | WANTAGH NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMP HS AUTH | 750 JERUSALEM AV | UNIONDALE NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMP HS AUTH | 750 JERUSALEM AV | UNIONDALE NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMP HS AUTH | UNIONDALE AV | UNIONDALE NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | NASSAU COUNTY DPW | 160 N FRANKLIN ST | HEMPSTEAD NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | OYSTER BAY HOUSING AUTHORITY | TOWN OF OYSTER BAY | 215 WASHINGTON AV | MASSAPEQUA NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | OYSTER BAY HOUSING AUTHORITY | TWN OF OYSTER BAY | 115 CENTRAL PARK RD | PLAINVIEW NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CO DPW BLDG | 77 VETERANS HWY | HAUPPAUGE NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFFOLK CTY DPWC0014 | 360 YAPHANK AV | YAPHANK NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF HEMPSTEAD | TOWN OF HEMPSTEAD | 134 ELMONT RD | ELMONT NY |
| HEALTH RELATED FACILITY | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF ISLIP | TOWN OF ISLIP | 11 SWAYZE ST | SAYVILLE NY |
| HEALTH RELATED FACILITY | NASSAU UNIVERSITIES | CW POST | C W POST COLLEGE | NORTHERN BLVD | GLEN HEAD NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | BELLE HBR HME OF THESAGES INC | 209 BEACH 125TH ST | BELLE HBR NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | GLORIAS MANOR | 140 BEACH 119TH ST | ROCKWY PK NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | DAYTON TOWERS CORP | 10500 SHR FRONT PKY | ROCKWY PK NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | ROCKAWAY CARE CTR ACCTS PAYBLE | 353 BEACH 48TH ST | EDGEMERE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | SEAGIRT HOUSING DEV | 1915 SEAGIRT BLVD | FAR ROCKWY NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | M B M MGT CORP | 1509 CENTRAL AV | FAR ROCKWY NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | BAIS YAAKOV ATERES MIRIAM | 1214 HEYSON RD | FAR ROCKWY NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | ROCKAWAY MANOR HOME | 145 BEACH 8TH ST | FAR ROCKWY NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | LI LIVING CTR ASSTD LIVING PROG | 431 BEACH 20TH ST | FAR ROCKWY NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | WAVECREST HOME FOR | 242 BEACH 20TH ST | FAR ROCKWY NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | OCEANVIEW NURSING HM | 315 BEACH 9TH ST | FAR ROCKWY NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | ELMONT DEPI PLUS INC | 23703 LINDEN BLVD | ELMONT NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | MSG ROBERT EMMET | 1504 DE PAUL ST | ELMONT NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | CITIZENS OPTIONS UNL | 272 PEARL ST | LAWRENCE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | WALTER EISENBERG TRU | 130 IRVING PL | WOODMERE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | CITIZENS OPTIONS UNL | 29 SADDLE ROCK RD | VALLEY STRM NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| HEALTH RELATED FACILITY | NON-MANAGED | N/A | CITIZENS OPTIONS UNL | 361 W BROADWAY | CEDARHURST NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | CATHOLIC CHARITIES | 70 MCKEON AV | VALLEY STRM NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | E ROCK NURSING HOME | 243 ATLANTIC AV | E ROCKAWAY NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | IHS OF NEW YORK INC | 147 SCRANTON AV | LYNBROOK NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | NATHAN HALE HOUSING | 30 DOXSEY PL | LYNBROOK NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | UN CEREBRAL PALSY ASSOC NASSAU | 380 WASHINGTON AV | ROOSEVELT NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | NASSAU NURSING HOME DBA OCC INC | 2914 LINCOLN AV | OCEANSIDE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | MUTATION VENTURES INC | 3580 OCEANSIDE RD | OCEANSIDE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | THE NEW NAUTILUS ENT | 1995 OCEAN BLVD | ATLNTIC BCH NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | THE NEW NAUTILUS ENT | 2001 OCEAN BLVD | ATLNTIC BCH NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | PSCH INC | 4029 LONG BEACH RD | ISLAND PARK NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | LEWIS LUBITZ BENJAMIN DUH | 640 W BROADWAY | LONG BCH NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | HEMPSTEAD ALP LLC DBA LB ASST LV | 274 W BROADWAY | LONG BCH NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | ROBERT KAMMERER | N VILLAGE GREEN | LEVITTOWN NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | ROBERT KAMMERER | N VILLAGE GREEN | LEVITTOWN NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | ROBERT KAMMERER | N VILLAGE GREEN | LEVITTOWN NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | ROBERT KAMMERER | N VILLAGE GREEN | LEVITTOWN NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | ROBERT KAMMERER | 1 N VILLAGE GREEN | LEVITTOWN NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | ROBERT KAMMERER | PARKSIDE DR | LEVITTOWN NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | WANTAGH LEVITTWN VOL | 129 BALSAM LA | LEVITTOWN NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | GEORGETTE FALBO | 474 FULTON ST | FARMINGDALE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | MMR CARE CORP DBA | 530 FULTON ST | FARMINGDALE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | MMR CARE CORP DBA DALEVIEW | 574 FULTON ST | FARMINGDALE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | FAMILY RESIDENCES | 920 FULTON ST | FARMINGDALE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | FAMILY RESIDENCES | 920 FULTON ST | FARMINGDALE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | BELL MERR VOL AMB | 2108 BELLMORE AV | BELLMORE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | SO SHORE DIALYSIS | 250 PETTIT AV | BELLMORE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | PHILIP KOHLWEISS JACQULYN | 80 WEAVER DR | MASSAPEQUA NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | PROJECT REAL | 75 LAMPLIGHTER LA | MASSAPEQUA NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | MERCY FIRST | 87 SHELL ST | MASSAPEQUA NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | WKG ORG FOR RETARDED | 366 OCEAN AV | MASSAPEQUA NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | THE REGENCY LIVING | 3400 BRUSH HOLLOW RD | WESTBURY NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | MERCY FIRST | CONVENT RD | SYOSSET NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | F R E E | 93 RAILROAD AV | SYOSSET NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | SMITH KLINE BEECHAM | 575 UNDERHILL BLVD | SYOSSET NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | EAST NASSAU MEDICAL | 350 BROADWAY | HICKSVILLE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | DAVITA INC | 17 OLD COUNTRY RD | HICKSVILLE NY |

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|-------------------------|----------------|-------------------------|----------------------------------|---------------------|-----------------|
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | DAVITA INC | 17 OLD COUNTRY RD | HICKSVILLE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | PJS HOLDINGS LLC | 1 LOCUST LA | SYOSSET NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | ISLAND IMAGING ASSOCDR A CITRON | 4277 HEMPSTEAD TPK | BETHPAGE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | TRUSTEES OF JONES | 59 BAYVILLE AV | BAYVILLE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | UNITED CEREBRAL PALS | 85 BAYVILLE AV | BAYVILLE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | E & B REALTY INC | 333 GLEN HEAD RD | GLEN HEAD NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | QSAC | 1 FOX LA | LOCUST VLY NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | M H WHITE L P DODGE NURSING HOME | 8533 JERICHO TPK | WOODBURY NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | J J NAZZARO ASSOC LT | 100 MANETTO HILL RD | PLAINVIEW NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | CORAM HEALTHCARE | 45 S SERVICE RD | PLAINVIEW NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | IHS OF NEW YORK INC | 1100 STEWART AV | GARDEN CITY NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | DAVITA INC | 1 CISNEY AV | FLORAL PARK NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | STEVEN JONAS | 160 N FRANKLIN ST | HEMPSTEAD NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | F R E E INC | 39 MULFORD PL | HEMPSTEAD NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | THE NEW MAYFAIR CO | 100 BALDWIN RD | HEMPSTEAD NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | SUNSHINE CARE CORP | 800 FRONT ST | HEMPSTEAD NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | IHS OF NEW YORK INC | 50 SEAVIEW BLVD | PT WASH NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | COMMUNITY MAINSTREAM | 13 IRMA AV | PT WASH NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | NORTH SHORE ANIMAL | 34 LEWYT ST | PT WASH NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | CONCORD DELIVERY SVCINC | 98B BOND ST | WESTBURY NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | DENTON GREEN HOUSING | 500 DENTON AV | GDN CITY PK NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | L I BLOOD BANK | 2500 MARCUS AV | NEW HYDE PK NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | KENSINGTON GATE | 1 KENSINGTON GATE | GREAT NECK NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | MENTAL HEALTH ASSOC | 21 THE TERRACE | MANHASSET NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | COMMUNITY MAINSTREAM | 165 STATION RD | GREAT NECK NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | NORTH SHORE MEDICAL LABS INC | 463 WILLIS AV | WILLISTN PK NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | STARGAZE REALTY CORP | 820 JERICHO TPK | NEW HYDE PK NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | GRT NK COM ORG FOR PAR& YTH INC | 21 N STATION PLZ | GREAT NECK NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | LITTLE VILLAGE HOUSE | 150 PT WASH BLVD | MANHASSET NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | ACLD RUSSELL GRDNS | 312 MELBOURNE RD | GREAT NECK NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | COMMUNITY MAINSTREAM | 107 AVENUE C | PT WASH NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | ERNEST KOVACS | 153 MAIN ST | ROSLYN NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | SCO FAMILY OF SRVCS | 101 DOWNING AV | SEA CLIFF NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | SOC FAMILY OF SRVCS | 101 DOWNING AV | SEA CLIFF NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | SCO FAMILY OF SRVCS | 101 DOWNING AV | SEA CLIFF NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | SCO FAMILY OF SRVCS | 101 DOWNING AV | SEA CLIFF NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | SCO FAMILY OF SRVCS | 101 DOWNING AV | SEA CLIFF NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | MONTCLAIR CARE CTR | 2 MEDICAL PL | GLEN COVE NY |

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|-------------------------|----------------|-------------------------|----------------------------------|----------------------|-----------------|
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | NEWPORT NURSING HOME | 6 MEDICAL PLZ | GLEN COVE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | UNITED COMM&HSG CORP | 94 SCHOOL ST | GLEN COVE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | HILAIRE FARM SKILL | 9 HILAIRE DR | HUNTINGTON NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | ELIAS SPIELMAN | 70 GREENLAWN RD | HUNTINGTON NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | HUNT COALITION FOR | 15 TOWER ST | HUNT STA NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | A R B A CORD RLTY | 222 COLUMBIA ST | HUNT STA NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | HUNT ARTIFICIAL | 256 BROADWAY | HUNTINGTON NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | FLOWERFIELD ASSOC INC | 65 LISA DR | NORTHPORT NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | CITIZENS OPTIONS UNL | 60 FT SALONGA RD W | NORTHPORT NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | MISSIONARY SISTERS MISSIONARY | 350 CUBA HILL RD | HUNTINGTON NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | ELIAS SPIELMAN FARN ADULT H | 301 8TH AV | E NORTHPORT NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | BIRCHWOOD SUITES | 423 CLAY PITTS RD | E NORTHPORT NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | BIRCHWOOD SUITES | 423 CLAY PITTS RD | E NORTHPORT NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | BIRCHWOOD SUITES | 423 CLAY PITTS RD | E NORTHPORT NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | MEDISYS HEALTH | 80 MARCUS DR | MELVILLE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | MEDISYS HEALTH | 80 MARCUS DR | MELVILLE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | BRANDYWINE SR LIVING | 70 PINELAWN RD | MELVILLE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | YOUNG ADULTS INST | 211 OLD SOUTH PATH | MELVILLE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | UCP ASSOC OF GREATER | 159 INDIAN HEAD RD | COMMACK NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | UCP ASSOC OF GREATER | 159 INDIAN HEAD RD | COMMACK NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | L I HEAD INJURY ASC | 1 SUSAN DR | NORTHPORT NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | SHELLY MANAGEMENT | 353 VETS HWY | COMMACK NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | TRANSITIONAL SERV | 8A ROUTE 25A | SMITHTOWN NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | TRANSITIONAL SERV | 8 ROUTE 25A | SMITHTOWN NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | CATHOLIC CHARITIES | 147 SCHLEIGEL BLVD | AMITYVILLE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | LI RENAL CARE | 3460 GREAT NECK RD | AMITYVILLE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | SIS OFTHE ORDRSTDOM | 555 ALBANY AV | AMITYVILLE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | VET OF FOREIGN WARS | 560 N DELAWARE AV | LINDENHURST NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | BELLCO HEALTH | 5500 N HORIZONS BLVD | AMITYVILLE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | TOPIDERM INC | 174 FARMINGDALE RD | W BABYLON NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | SEYMOUR L SCHORR | 143 E MAIN ST | BABYLON NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | WILLIAM R LOCKWOOD | 23 YACHT CLUB RD | BABYLON NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | WILLIAM R LOCKWOOD | 23 YACHT CLUB RD | BABYLON NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | EAST NASSAU MEDICAL | 300 BAY SHORE RD | N BABYLON NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | WORKING ORGANIZATION | 15 BROOKSIDE AV | BABYLON NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | F R E E INC | 858 SUNRISE HWY | N BABYLON NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | BERKSHIRE NURSING HOME LLC | 10 BERKSHIRE RD | W BABYLON NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | WYANDANCH DAY CARE CENTER | 50 COMMONWEALTH DR | WYANDANCH NY |

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| HEALTH RELATED FACILITY | NON-MANAGED | N/A | CATHOLIC CHARITIES | 66 N 19TH ST | WYANDANCH NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | FAMILY RESIDENCES | 332 COMMACK RD | DEER PARK NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | SCO FAMILY OF SRVCS | 95 CENTRAL AV | DEER PARK NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | TOWN OF ISLIP | 143 2ND AV | BAY SHORE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | CATHOLIC CHARITIES | 12 MECHANICSVILL RD | BAY SHORE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | SIMSCA ENTERPRISES C | 269 W MAIN ST | BAY SHORE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | OPEN GATE ASSOC INC | 36 S CLINTON AV | BAY SHORE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | PEARL GARDEN MANOR ADULT HOME | 36 LOCUST AV | ISLIP NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | DAVITA HEALTHCARE PA | 200 CARLETON AV | E ISLIP NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | MONTCLAIR CARE CTR | 340 E MONTAUK HWY | E ISLIP NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | VESTAL HEALTHCARE | 929 W SUNRISE HWY | BAY SHORE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | RYHANS CENTER OF | 27A DOWSING AV | BAY SHORE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | EUGENE MC MANUS | 1325 BRENTWOOD RD | BAY SHORE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | TRANS SERV OF NY LI | 1583 ISLIP AV | CNTRL ISLIP NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | TRANS SERV OF NY LI | 1583 ISLIP AV | CNTRL ISLIP NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | ELMORE HOME FOR ADULTS | 330 ELMORE ST | CNTRL ISLIP NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | T O I CDA | 911 LOWELL AV | CNTRL ISLIP NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | SIMON HALPERT DBA BTWD ADULT H | 147 2ND AV | BRENTWOOD NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | BRENTWOOD LEGION | 29 3RD AV | BRENTWOOD NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | TRANSITIONAL SERVICE | 3 CHANEL DR | BRENTWOOD NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | MERCY FIRST | 17 GROUSE DR | BRENTWOOD NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | INDEPENDENT GROUP HM | 138 HOLBROOK RD | HOLBROOK NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | PAUL KATZ DBA ECHO ARMS HOME | 204 PATCHOGUE RD | PT JEFF STA NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | TRANSITIONAL SERVICE | 460 OLD TOWN RD | PT JEFF STA NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | TRANSITIONAL SERV NY | 460 OLD TOWN RD | PT JEFF STA NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | JENNIFER KOLARCIK | 460 OLD TOWN RD | PT JEFF STA NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | JAMES H SMITH JR | 460 OLD TOWN RD | PT JEFF STA NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | JESSICA IPPOLITO | 460 OLD TOWN RD | PT JEFF STA NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | TRANSITIONAL SERV NY | 460 OLD TOWN RD | PT JEFF STA NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | LI HEAD INJURY ASSOC | 1 HARMON CT | STONY BROOK NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | LONG ISLAND HEAD INJ | 3 MAUREEN LA | STONY BROOK NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | GLEN HAVEN RESID HEALTH CARE | DARK HOLLOW RD | PT JEFFERSN NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | THE DEVEL DISAB INST | 41 PINE ST | SELDEN NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | IND GROUP HOME LIVNG | 133 SHORE RD | MT SINAI NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | MR GEORGE OLSEN | 366 GIBBS POND RD | NESCONSET NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | ISLAND NURSING REHAB | 5537 EXPRESSWAY DR N | HOLTSVILLE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | LORRAINE ORKIN | 28 DOGWOOD AV | FARMNGVILLE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | MRS WALTER I TINSLEY | WHISKEY RD | RIDGE NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| HEALTH RELATED FACILITY | NON-MANAGED | N/A | A D D SITE 21 | RANDALL RD | WADING RIV NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | CREST HALL HEALTH | 63 OAKCREST AV | MIDDLE IS NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | CREST HALL HEALTH | OAKCREST AV | MIDDLE IS NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | OAK HOLLOW NURSING C | OAKCREST AV | MIDDLE IS NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | WOODHAVEN NURSING HOME | 1360 ROUTE 112 | PT JEFF STA NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | CENTRAL SUFFOLK ARTI | 5225 NESCONSET HWY | PT JEFF STA NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | LAKEHAVEN EQTS INC | 211 LAKE SHORE RD | LAKE RONK NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | PHOENIX HOUSES OF LI | 153 LAKE SHORE RD | LAKE RONK NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | WG HERTLIN HOUSE LLC | 675 PORTION RD | LAKE RONK NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | EAST NASSAU MEDICAL | 640 HAWKINS AV | LAKE RONK NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | GOLDEN HOMES OPERATING INC | 11 WITTRIDGE RD | LAKE RONK NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | MATTHEW PATKOWSKI | 15 WITTRIDGE RD | LAKE RONK NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | MIDDLE CNTRY ENDOCRI | 285 E MAIN ST | SMITHTOWN NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | LONG ISLAND HEAD INJ | 3 CRESTHILL DR | SMITHTOWN NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | LONG ISLAND HEAD INJ | 16 ELDERWOOD DR | ST JAMES NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | AILEEN RIVIERA ENT | 173 SMITHTOWN BLVD | NESCONSET NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | INDEPENDENT GROUP HM | 204A GIBBS POND RD | NESCONSET NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | LONG ISLAND HEAD INJ | 23 MARK DR | SMITHTOWN NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | CONCERN FOR INDEPEND | 191 MAIN ST | W SAYVILLE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | SIMON HALPERT | 61 ROLLSTONE AV | W SAYVILLE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | JOPAL SAYVILLE | 300 BROADWAY AV | SAYVILLE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | IMPEREZ LLC | 146 RAILROAD AV | SAYVILLE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | BAYPORT PROFESSIONAL | 982 MONTAUK HWY | BAYPORT NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | CATHOLIC CHARITIES | 30C CARLOUGH RD | BOHEMIA NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | CATHOLIC CHARITIES | 30D CARLOUGH RD | BOHEMIA NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | ANTHONY LI BRIZZI SACHEM AD HM | 1298 COATES AV | HOLBROOK NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | ARONAS COMM SERV INC | 321B DANTE CT | HOLBROOK NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | HARVEST POWER LLC | 508 MEDFORD AV | PATCHOGUE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | MEDFORD HAMLET LLC | 1529 N OCEAN AV | MEDFORD NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | JAMES MC PEAK | 286 N OCEAN AV | PATCHOGUE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | BROOKHAVEN AMBULANCE | 32 SEELEY ST | BROOKHAVEN NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | CANINE COMPANIONS FO | 286 MIDDLE ISLAND RD | MEDFORD NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | CANINE COMPANIONS FOR INDEPENDEN | 286 MIDDLE IS RD | MEDFORD NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | CMS MONITORING INC | 2211 ROUTE 112 | MEDFORD NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | MEDFORD AMBULANCE | ROUTE 112 | MEDFORD NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | HUNT ARTIFICIAL | 1725 N OCEAN AV | MEDFORD NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | HUNT ARTIFICIAL | 1725 N OCEAN AV | MEDFORD NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | HUNT ARTIFICIAL | 1725 N OCEAN AV | MEDFORD NY |

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| HEALTH RELATED FACILITY | NON-MANAGED | N/A | HUNT ARTIFICIAL | 1725 N OCEAN AV | MEDFORD NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | GABLES HOME FOR ADULTS | 127 RIDER AV | PATCHOGUE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | PAUL C MAGGIO DBA PAT NURS CTR | 25 SCHOENFELD BLVD | E PATCHOGUE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | BROOKHAVEN AMBULANCE | 5 COTTAGE PL | BELLPORT NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | MASTIC AMBULANCE | 1630 MONTAUK HWY | MASTIC NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | CAM-HELD ENT INC | LONGWOOD RD | MIDDLE IS NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | CAM-HELD ENT INC | LONGWOOD AV | MIDDLE IS NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | INDEPENDENT GROUP HM | 651 LONGWOOD RD | MIDDLE IS NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | CAMP PAQUATUCK MOR | CHET SWEZEY RD | C MORICHES NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | CAMP PAQUATUCK MOR | CHET SWEZEY RD | C MORICHES NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | CAMP PAQUATUCK MOR | CHET SWEZEY RD | C MORICHES NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | CAMP PAQUATUCK MOR | CHET SWEZEY RD | C MORICHES NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | CAMP PAQUATUCK MOR | CHET SWEZEY RD | C MORICHES NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | INDEPENDENT GROUP | 21 MAIN ST | C MORICHES NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | A LIBRIZZI DBA | OLD NECK RD | C MORICHES NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | TRANSITIONAL SVCS OF | 1043 WAVERLY AV | HOLTSVILLE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | TRANS SERV OF NY LI | 1067 WAVERLY AV | HOLTSVILLE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | SEAN BAUMILLER | 1 E MORICHES BLVD | E MORICHES NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | I G H L INC | 65 PINE ST | E MORICHES NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | AMBULANCE COMM OF | PINE ST | E MORICHES NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | INDEP GRP HOME LIVNG | 44A WOODLAND AV | MANORVILLE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | MANORVILLE COMMUNITY | SOUTH ST | MANORVILLE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | INDEPENDENT GROUP | 1236 MONTAUK HWY | MORICHES NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | INDEPENDENT GROUP | 177 MONTAUK HWY | MORICHES NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | INDEPENDENT GROUP HM | 1350 WM FLOYD PKY | SHIRLEY NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | AID TO DEV DISABLED | 351 S RIVER RD | CALVERTON NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | INDEPENDENT GRP HOME | 535 MAIN ST | EASTPORT NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | INDEPENDENT GROUP HM | 288 CHAPMAN BLVD | MANORVILLE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | MONTCLAIR CARE CTR | 6 FROWEIN RD | C MORICHES NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | INDEPENDENT GROUP HM | 120 FROWEIN RD | E MORICHES NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | I G H L | 62 PINE ST | E MORICHES NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | INDEP GROUP HOME LIV | 75 PINE ST | E MORICHES NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | I G H L | 410 N SERVICE RD | C MORICHES NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | CONCERN FOR INDEPEND | 260 W MAIN ST | RIVERHEAD NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | IGLESIA DE CRISTO | 540 E MAIN ST | RIVERHEAD NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | IGLESIA DE CRISTO | 540 E MAIN ST | RIVERHEAD NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | IGLESIA DE CRISTO | 540 E MAIN ST | RIVERHEAD NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | IGLESIA DE CRISTO | 556 E MAIN ST | RIVERHEAD NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | EAST END DIALYSIS MG | 762 HARRISON AV | RIVERHEAD NY |

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| HEALTH RELATED FACILITY | NON-MANAGED | N/A | AID TO DEVELOPMNTLY | 25 PATTI LA | RIVERHEAD NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | INDEPENDENT GRP HOME | 3690 MIDDLE RD | MATTITUCK NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | THOMAS GEISE | 355 PRAITY LA | CUTCHOGUE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | PECONIC RETREAT ADULT HOME | 555 NEW SUFFOLK RD | CUTCHOGUE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | PECONIC RETREAT ADULT HOME | 555 NEW SUFFOLK RD | CUTCHOGUE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | INDEPENDENT GROUP HM | OAKLAWN AV | SOUTHOLD NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | SAN SIMEON BY SOUND | NORTH RD | GREENPORT NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | MAINTREE CORPORATION KAREN VOSS | 25500 MAIN RD | ORIENT NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | FLANDERS NORTHAMPTONAMBULANCE | 641 FLANDERS RD | FLANDERS NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | INDEPENDNT GROUP | 864 PLEASURE DR | FLANDERS NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | EAST END HEALTHCARE MR WATERMAN | 78 OLD COUNTRY RD | WESTHAMPTON NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | INDEPENDENT GRP | 114 N PHILLIPS AV | SPEONK NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | I G H L | 230 OLD COUNTRY RD | EASTPORT NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | IGHL-QUOGUE | 135 OLD COUNTRY RD | E QUOGUE NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | HAND-ALDRICH POST924 | 55 PONQUOGUE AV | HAMPT BAYS NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | INDEPENDENT GROUP HM | 125 SEBONAC RD | SOUTHAMPTON NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | THE CHILDCARE CNT HAMPTONS INC | 502 NORTH SEA RD | SOUTHAMPTON NY |
| HEALTH RELATED FACILITY | NON-MANAGED | N/A | SOUTHAMPTN MEM AMBUL | MEETINGHOUSE LA | SOUTHAMPTON NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - NASSAU | AHRC NASSAU | ASSN HELP RETO | 543 BEDFORD AV | BELLMORE NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - NASSAU | AHRC NASSAU | ASSOC HELP RETARDED | 2149 JONES AV | WANTAGH NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - NASSAU | AHRC NASSAU | ASSOC HELP OF RETARD | 980 WASHINGTON AV | PLAINVIEW NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - NASSAU | AHRC NASSAU | ASSOC HELP RETARDED | 980 WASHINGTON AV | PLAINVIEW NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - NASSAU | AHRC NASSAU | ASSOC HELP RETARDED | 980 WASHINGTON AV | PLAINVIEW NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - NASSAU | HENRY VISCARDI SCHOOL | NAT'L CNTR FOR DISAB | I U WILLETS RD | ALBERTSON NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - NASSAU | THE CENTER FOR DEVELOPMENTAL DISABILITIES | NASSAU CTR FOR DEVEL | 921 WANTAGH AV | WANTAGH NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - NASSAU | THE CENTER FOR DEVELOPMENTAL DISABILITIES | THE DEVEL DISAB INST | 819 MIDWOOD DR | N BELLMORE NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - NASSAU | THE CENTER FOR DEVELOPMENTAL DISABILITIES | NASSAU CENTER | 1967 WASHINGTON AV | SEAFORD NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - NASSAU | THE CENTER FOR DEVELOPMENTAL DISABILITIES | NASSAU CENTER FOR DE | 544 FOREST AV | MASSAPEQUA NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - NASSAU | THE CENTER FOR DEVELOPMENTAL DISABILITIES | NASSAU CENTER FOR DE | 101 NEW SOUTH RD | HICKSVILLE NY |

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| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - NASSAU | THE CENTER FOR DEVELOPMENTAL DISABILITIES | NASSAU CENTER | 80 ELM DR | FARMINGDALE NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - NASSAU | THE CENTER FOR DEVELOPMENTAL DISABILITIES | NASSAU CEN FOR DEVO | 90 SOUTH WOODS RD | WOODBURY NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - NASSAU | THE CENTER FOR DEVELOPMENTAL DISABILITIES | NASS CTR DEV DIS | 88 SOUTH WOODS RD | WOODBURY NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - NASSAU | THE CENTER FOR DEVELOPMENTAL DISABILITIES | NASSAU CEN FOR DEVEL | 86 SOUTH WOODS RD | WOODBURY NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - NASSAU | THE CENTER FOR DEVELOPMENTAL DISABILITIES | NAS CTR DEVELOPMENTLDISABLED INC | 72 SOUTH WOODS RD | WOODBURY NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - NASSAU | THE CENTER FOR DEVELOPMENTAL DISABILITIES | THE DEVEL DISAB INST | 1 GARY PL | PLAINVIEW NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - NASSAU | THE CENTER FOR DEVELOPMENTAL DISABILITIES | THE CENTER FOR DEV | 175 W ROGUES PATH | HUNTINGTON NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - NASSAU | THE CENTER FOR DEVELOPMENTAL DISABILITIES | THE DEVEL DISAB INST | 90 ADAMS AV | HAUPPAUGE NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | AHRC SUFFOLK | AHRC SUFFOLK | 3 JOHNS HOLLOW RD | SETAUKET NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | AHRC SUFFOLK | AHRC SUFFOLK | 24 HARRISON AV | CORAM NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | AHRC SUFFOLK | NYS AHRC INC | ROUTE 25A | SHOREHAM NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | AHRC SUFFOLK | NYS AHRC INC | ROUTE 25A | SHOREHAM NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | AHRC SUFFOLK | AHRC SUFFOLK | 2422 WAVERLY AV | MEDFORD NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | AHRC SUFFOLK | AHRC SUFFOLK | 1301 WM FLOYD PKY | SHIRLEY NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | CLEARY SCHOOL FOR THE DEAF | THE DEVEL DISAB INSTD I P | 99 HOLLYWOOD DR | SMITHTOWN NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | DEVELOP DIS INSTIT | 18 ALVORD CT | GREENLAWN NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | THE DEVEL DISAB INST | 25 LITTLE PLAINS RD | GREENLAWN NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | THE DEVEL DISAB INST | 23 BROWNING DR | GREENLAWN NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | DEVELOPMENTAL DISABI | 669 LARKFIELD RD | COMMACK NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | DEVELOPMENTAL DISABI | 669 LARKFIELD RD | COMMACK NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | DEVELOPMENTAL DISABI | 22 MARIDON LA | COMMACK NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | DEVELOPMENTAL DISABI | 197 OLD SOUTH PATH | MELVILLE NY |

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| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | DEVELOPMENTAL DISABI | 197 OLD SOUTH PATH | MELVILLE NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | DEVELOPMENTAL DIS IN | 41 EDGAR DR | SMITHTOWN NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | THE DEVEL DISAB INSTD I P | 99 HOLLYWOOD DR | SMITHTOWN NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | THE DEVEL DISAB INST | PLYMOUTH BLVD | SMITHTOWN NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | THE DEVEL DISAB INST | 75 LANDING MEADOW RD | SMITHTOWN NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | THE DEVEL DISAB INST | 3 CREEK RD | SMITHTOWN NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | THE DEVEL DISAB INST | 90 11TH ST | W BABYLON NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | THE DEVEL DISABILITY | 66 QUINTUCK LA | E ISLIP NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | DEVELOPMENTAL DISABI | 26 GOLDENWOOD CIR | CNTRL ISLIP NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | DEVELOPMENTAL DISABI | 53 MAPLE WING BLVD | CNTRL ISLIP NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | DEVELOPMENTAL DISABI | 56 SPRUCEWOOD BLVD | CNTRL ISLIP NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | DEVELOPMENTAL DISABI | 8 DON LA | HAUPPAUGE NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | THE DEVEL DISAB INST | 90 ADAMS AV | HAUPPAUGE NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | DEVEL DISABLED | 699 MT SIN CORAM RD | MT SINAI NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | THE DEVEL DISAB INST | 699 MT SINAI CORAM RD | MT SINAI NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | DEVELOPMENTAL DISABI | 135A RADIO AV | MILLER PL NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | THE DEVEL DISAB INST | 73 WADING RIV HOL RD | RIDGE NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | DEV DISABILITIES INS | 168 MT SINAI AV | MT SINAI NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | THE DEVEL DISAB INST | 64 LAKE AV | NESCONSET NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | DEVEL DISABILITIES | 19 BOND LA | NESCONSET NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | THE DEVEL DISAB INST | 9 W MAIN ST | SMITHTOWN NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | DEVELOP DIS INST INC | 98 BOURNE BLVD | SAYVILLE NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | THE DEVEL DISAB INST | 98 BOURNE BLVD | SAYVILLE NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | THE DEVEL DISAB INST | 1746 CHURCH ST | HOLBROOK NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | THE DEVEL DISAB INST | 90 AIR PARK DR | RONKONKOMA NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | DEVELOPMENTAL DISABIL | 900 S 2ND ST | RONKONKOMA NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | THE DEVEL DISAB INST | 1 INDUSTRIAL BLVD | MEDFORD NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | THE DEVEL DISAB INST | 1 INDUSTRIAL BLVD | MEDFORD NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | DDI-DEV DIS INST | 15 GERMAN BLVD | YAPHANK NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | THE DEVEL DISAB INST | 757 OLD MEDFORD AV | MEDFORD NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | THE DEVEL DISAB INST | 757 OLD MEDFORD AV | MEDFORD NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | THE DEVEL DISAB INST | 5 GULL DIP RD | RIDGE NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | AID TO DEVELOPMNTLY | 12 SALLY LA | RIDGE NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | AID DEVL P DISABLED | 510 WASHINGTON ST | RIVERHEAD NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | ADD INC | 219 LINCOLN ST | RIVERHEAD NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | ADD INC | 411 OSBORNE AV | RIVERHEAD NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | AID TO DEVELOPMENTLY | 139 OSTRANDER AV | RIVERHEAD NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | ADD | 139 KINGS DR | RIVERHEAD NY |

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| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | AID TO DEV DISABLED | 740 ROANOKE AV | RIVERHEAD NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | ADD INC | 740 ROANOKE AV | RIVERHEAD NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | AID TO THE DEVMENTL | 721 MAIN RD | AQUEBOGUE NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | DEV DISABITIES INST | 877 E MAIN ST | RIVERHEAD NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | THE DEVEL DISAB INST | 877 E MAIN ST | RIVERHEAD NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | THE DEVEL DISAB INST | 877 E MAIN ST | RIVERHEAD NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | AID TO THE DEVLPMNT | 503 SOUND SHORE RD | RIVERHEAD NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | AID TO DEVELOPMNTLY | 95 NADEL DR | RIVERHEAD NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | AID TO DEVELOPMNTLY | 1534 ROUTE 105 | RIVERHEAD NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | AID TO THE DEV MNTLY | 153 TUTHILLS LA | RIVERHEAD NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | AID TO DEVELOPMNTLY | 1476 ROANOKE AV | RIVERHEAD NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | AID TO DEV DISABLED | S JAMESPORT AV | JAMESPORT NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | AID TO DEVELOPMENTLLY | 700 SKUNK LA | CUTCHOGUE NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | AID TO THE DEV MNTLY | 825 HORSESHOE DR | CUTCHOGUE NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | AID DEVELOP DISABLED | 895 SUTTON PL | GREENPORT NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | AID TO DEVELOPMNTLY | 63 LAKEVIEW DR | RIVERHEAD NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | AID TO DEVELOPMNTLY | 464 RIVERLEIGH AV | RIVERHEAD NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | A D D | 67 EVERGREEN RD | RIVERHEAD NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | ADD | 38 W TIANA RD | HAMPT BAYS NY |

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| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | AID DEVELOP DISABLED | 40 KYLE RD | HAMPT BAYS NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | AID TO THE DEVELOPMNT | 140 PONQUOGUE AV | HAMPT BAYS NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | AID TO DEVELOPMNTLY | 9 KING ST | HAMPT BAYS NY |
| HEALTH RELATED FACILITY | PRIVATE SCHOOLS - SUFFOLK | DEVELOPMENTAL DISABILITIES INSTITUTE | AID TO DEV DISABLED | 98 WAINSCOTT NW RD | WAINSCOTT NY |
| HEALTH RELATED FACILITY | REAL ESTATE/DEVELOPERS | DAMIANOS REALTY GROUP | 900 MERCH CNCRSE LLC | 900 MERCHANTS CON | WESTBURY NY |
| HEALTH RELATED FACILITY | REAL ESTATE/DEVELOPERS | DAMIANOS REALTY GROUP | 400 W MAIN ST LLC | 400 W MAIN ST | BABYLON NY |
| HEALTH RELATED FACILITY | REAL ESTATE/DEVELOPERS | ENGEL-BURMAN | ENGEL BURMAN SENIOR | MERRICK AV | E MEADOW NY |
| HEALTH RELATED FACILITY | REAL ESTATE/DEVELOPERS | ENGEL-BURMAN | WESTBURY SENIOR LIVING LLC | 117 POST AV | WESTBURY NY |
| HEALTH RELATED FACILITY | REAL ESTATE/DEVELOPERS | LI INDUSTRIAL | LI INDUSTRIAL MANAGE | 575 UNDERHILL BLVD | SYOSSET NY |
| HEALTH RELATED FACILITY | REAL ESTATE/DEVELOPERS | WE'RE ASSOCIATES | WERE ASSOCIATES INC | 6 OHIO DR | L SUCCESS NY |
| HEALTH RELATED FACILITY | REAL ESTATE/DEVELOPERS | WE'RE ASSOCIATES | WERE ASSOCIATES | 3003 NEW HYDE PK RD | NEW HYDE PK NY |
| HEALTH RELATED FACILITY | REAL ESTATE/DEVELOPERS | WE'RE ASSOCIATES | WERE ASSOCIATES INC | 2800 MARCUS AV | L SUCCESS NY |
| HEALTH RELATED FACILITY | RETAIL FOOD | DUNKIN DONUTS | CAIN MANAGEMENT II | 2012 MOTT AV | FAR ROCKWY NY |
| HEALTH RELATED FACILITY | SUFFOLK K-12 SCHOOLS | COMMACK SCHOOL DISTRICT | COMMACK SCHOOL DIST | 29 PINEWOOD DR | COMMACK NY |
| HI-RISE BUILDING | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMPSTEAD | 1180 MARTHA PL | FRANKLIN SQ NY |
| HI-RISE BUILDING | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | VANDERBILT MUS COMM | 178 LITTLE NECK RD | CENTERPORT NY |
| HI-RISE BUILDING | NASSAU UNIVERSITIES | HOFSTRA UNIVERSITY | HOFSTRA UNIVERSITY | HEMPSTEAD TPK | UNIONDALE NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | 107-10 SHORE FRT ASC | 10710 SHORE FRNT PKY | ROCKWY PK NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | BAY TOWERS COMPANY | 320 BEACH 100TH ST | ROCKWY BCH NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | BAY TOWERS COMPANY | 319 BEACH 98TH ST | ROCKWY BCH NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | DAYTON BCH PARK 1 | 8100 SHORE FRONT PKY | ROCKWY BCH NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | DAYTON BCH PK CORP | 8100 SHORE FRONT PKY | ROCKWY BCH NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | DAYTON BCH PK CORP | 8100 SHORE FRONT PKY | ROCKWY BCH NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | DAYTON BCH PK 1 CORP | 8200 SHORE FRONT PKY | ROCKWY BCH NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | DAYTON BCH PK 1 CORP | 8400 SHORE FRONT PKY | ROCKWY BCH NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | DAYTON BCH PARK | 8400 SHORE FRONT PKY | ROCKWY BCH NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | DAYTON BCH PARK | 8400 SHORE FRONT PKY | ROCKWY BCH NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | DAYTON BCH PK 1 CORP | 8800 SHORE FRONT PKY | ROCKWY BCH NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | DAYTON TOWERS CORP | 10300 SHR FRONT PKY | ROCKWY BCH NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | DAYTON TOWERS CORP | 10200 SHR FRONT PKY | ROCKWY BCH NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | DAYTON TOWERS CORP | 7400 SHORE FRONT PKY | ARVERNE NY |

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| HI-RISE BUILDING | NON-MANAGED | N/A | DAYTON TOWERS CORP | 7600 SHORE FRONT PKY | ARVERNE NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | DAYTON TOWERS CORP | 7800 SHORE FRONT PKY | ARVERNE NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | DAYTON TOWERS CORP | 8000 SHORE FRT PKY | ROCKWY BCH NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | ARVERNE PRESERVATION | 141 BEACH 56TH ST | EDGEMERE NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | OCEAN PK ACQUISITION | 120 BEACH 19TH ST | FAR ROCKWY NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | SAUL GOLDFARB DBA | 2002 SEAGIRT BLVD | FAR ROCKWY NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | CENTRAL QNS PROP ASC | 2311 CORNAGA AV | FAR ROCKWY NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | NEW HAVEN TOWERS INC | 2210 NEW HAVEN AV | FAR ROCKWY NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | CENTRAL QNS PROP ASC | 439 BEACH 22ND ST | FAR ROCKWY NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | 2204 COLLIER ASSOCIA | 2204 COLLIER AV | FAR ROCKWY NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | CENTRAL QNS PROP ASC | 530 BRIAR PL | FAR ROCKWY NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | 22-11 REALTY LLC | 2211 BROOKHAVEN AV | FAR ROCKWY NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | ORIN MNGT CO | 2210 BROOKHAVEN AV | FAR ROCKWY NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | MICHAEL BLUTH DBA | 2932 BEACH CHANNEL | FAR ROCKWY NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | 833 CENTRAL OWNERS C | 833 CENTRAL AV | FAR ROCKWY NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | OCEANVIEW 2 OWNER | 249 BEACH 15TH ST | FAR ROCKWY NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | GREENPORT ASSOC | 1450 GATEWAY BLVD | FAR ROCKWY NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | 13-34 CAFFREY LLC | 1334 CAFFREY AV | FAR ROCKWY NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | NEILSON GARDENS INC | 1014 NEILSON ST | FAR ROCKWY NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | 1040 NEILSON ST OWNE | 1040 NEILSON ST | FAR ROCKWY NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | FIVE COUSINS BEACH 9 | 631 BEACH 9TH ST | FAR ROCKWY NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | SAMSON MGT | 465 SHORE RD | LONG BCH NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | WENDELL TERRACE OWNE | 20 WENDELL ST | HEMPSTEAD NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | R SCHLESINGER DBA | 6 SEALEY AV | HEMPSTEAD NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | HEMPSTEAD PROPERTIES | 80 CLINTON ST | HEMPSTEAD NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | 590-600 RELATY CORP | 590 FULTON AV | HEMPSTEAD NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | 590-600 REALTY CORP | 600 FULTON AV | HEMPSTEAD NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | MANCHESTER 1, LLC | 251 JACKSON ST | HEMPSTEAD NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | MANCHESTER 1, LLC | 150 W COLUMBIA ST | HEMPSTEAD NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | 30-34 PEARSALL | 32 PEARSALL AV | GLEN COVE NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | 30-34 PEARSALL OWNER | 34 PEARSALL AV | GLEN COVE NY |
| HI-RISE BUILDING | NON-MANAGED | N/A | 30-34 PEARSALL OWNER | 30 PEARSALL AV | GLEN COVE NY |
| HI-RISE BUILDING | NYC AGENCIES | NYC HOUSING AUTHORITY | NYC HOUSNG AUTHORITY | 40-20 BEACH CHANNEL | EDGEMERE NY |
| HI-RISE BUILDING | NYC AGENCIES | NYC HOUSING AUTHORITY | NYC HOUSNG AUTHORITY | 453 BEACH 40TH ST | EDGEMERE NY |
| HI-RISE BUILDING | NYC AGENCIES | NYC HOUSING AUTHORITY | NYC HOUSNG AUTHORITY | 426 BEACH 40TH ST | EDGEMERE NY |
| HI-RISE BUILDING | NYC AGENCIES | NYC HOUSING AUTHORITY | NYC HOUSNG AUTHORITY | 455 BEACH 38TH ST | EDGEMERE NY |
| HI-RISE BUILDING | REAL ESTATE/DEVELOPERS | BENJAMIN WEN DEVELOPMENT | WEN MANAGEMENT | 135 CLINTON ST | HEMPSTEAD NY |

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|------------------|---------------------------|---------------------------------|----------------------------------|--------------------|-----------------|
| HI-RISE BUILDING | REAL ESTATE/DEVELOPERS | BENJAMIN WEN DEVELOPMENT | WEN MANAGEMENT | 100 WASHINGTON ST | HEMPSTEAD NY |
| HI-RISE BUILDING | REAL ESTATE/DEVELOPERS | BENJAMIN WEN DEVELOPMENT | WEN MANAGEMENT | 150 WASHINGTON ST | HEMPSTEAD NY |
| HI-RISE BUILDING | REAL ESTATE/DEVELOPERS | REXCORP | REXCORP PLAZA SPE LL | REXCORP PLZ | UNIONDALE NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | BROOKHAVEN MEMORIAL HOSPITAL | BROOKHAVEN MEM HOSP | 101 W MAIN ST | PATCHOGUE NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | BROOKHAVEN MEMORIAL HOSPITAL | BROOKHAVEN MEM HOSP | 101 HOSPITAL RD | E PATCHOGUE NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | BROOKHAVEN MEMORIAL HOSPITAL | BROOKHAVEN MEM HOSP | 101 HOSPITAL RD | E PATCHOGUE NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | BRUNSWICK HOSPITAL | BRUNSWICK HOSP CTR | 366 BROADWAY | AMITYVILLE NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | MERCY HOSPITAL IMAG | 1000 N VILLAGE AV | ROCKVLE CTR NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | WSNCHS NORTH INC | 4295 HEMPSTEAD TPK | BETHPAGE NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | WSNCHS NORTH INC DBA | 4295 HEMPSTEAD TPK | BETHPAGE NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | ST FRANCIS HOSPITAL | 100 PT WASH BLVD | ROSLYN NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | ST FRANCIS HOSPITAL | PT WASH BLVD | MANHASSET NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | ST FRANCIS HOSPITAL | PT WASH BLVD | MANHASSET NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | ST FRANCIS HOSPITAL | PT WASH BLVD | MANHASSET NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | ST FRANCIS HOSPITAL | PT WASH BLVD | PT WASH NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | ST FRANCIS HOSPITAL | 100 PT WASH BL | ROSLYN NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | ST FRANCIS HOSPITAL S S TEMP | 100 PT WASH BL | ROSLYN NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | ST FRANCIS HOSPITAL | PORT WASH BLVD | MANHASSET NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | CHS SERVICES INC | 245 OLD COUNTRY RD | MELVILLE NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | ST CATHERINE OF | ROUTE 25A | SMITHTOWN NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | GOOD SAMARITAN HOSP | MONTAUK HWY | WEST ISLIP NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | ST CHARLES HOSPITAL REHAB BLDING | 200 BELLE TERRE RD | PT JEFFERSN NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | CATHOLIC HEALTH SERVICES | ST CHARLES HOSPITAL ENGINEER DEP | 200 BELLE TERRE RD | PT JEFFERSN NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | JOHN T MATHER MEMORIAL HOSPITAL | MATHER HOSPITAL | N COUNTRY RD | PT JEFFERSN NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | JOHN T MATHER MEMORIAL HOSPITAL | JOHN MATHER MEM HOSP | NORTH COUNTRY RD | PT JEFFERSN NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | JOHN T MATHER MEMORIAL HOSPITAL | JOHN T MATHER HOSPI | N COUNTRY RD | PT JEFFERSN NY |

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| HOSPITAL | HEALTH SERVICES-HOSPITALS | JOHN T MATHER MEMORIAL HOSPITAL | JOHN T MATHER HOSPITAL | 75 N COUNTRY RD | PT JEFFERSN NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | JOHN T MATHER MEMORIAL HOSPITAL | MATHER MEMORIAL HOSP | N COUNTRY RD | PT JEFFERSN NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | JOHN T MATHER MEMORIAL HOSPITAL | MATHER MEMORIAL HOSP | N COUNTRY RD | PT JEFFERSN NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | JOHN T MATHER MEMORIAL HOSPITAL | JOHN MATHER MEMORIAL | NORTH COUNTRY RD | PT JEFFERSN NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | JOHN T MATHER MEMORIAL HOSPITAL | ACTIVE RETIREMENT IN | 243 JEFFER FERRY WAY | S SETAUKET NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | MEMORIAL SLOAN KETTERING | MEM SLOAN KETTERING CANCER CNTR | 650 COMMACK RD | COMMACK NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NASSAU UNIVERSITY MEDICAL CENTER-NUHEALTH | COUNTY OF NASSAU | CARMAN AV | E MEADOW NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | FRANKLIN GEN HOSPITALN SHORE LIJ | 900 FRANKLIN AV | VALLEY STRM NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE LIJ HEAL | 972 BRUSH HOLLOW RD | WESTBURY NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE HOSPITAL | 15 BURKE LA | SYOSSET NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE UNIVERS | OLD COUNTRY RD | PLAINVIEW NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE UNIVER | 888 OLD COUNTRY RD | PLAINVIEW NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE UNIVER | 888 OLD COUNTRY RD | PLAINVIEW NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | INVITRO FERTILIZATN N SHORE LIJ | 300 COMMUNITY DR | MANHASSET NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | N SHORE UNIVERSITY HOSPITAL | 300 COMMUNITY DR | MANHASSET NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE HOSPITAL | 300 COMMUNITY DR | MANHASSET NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE HOSPITAL | 300 COMMUNITY DR | MANHASSET NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE HOSPITAL | 300 COMMUNITY DR | MANHASSET NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE UNIVERSI | 300 COMMUNITY DR | MANHASSET NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE HOSPITAL | 300 COMMUNITY DR | MANHASSET NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE HOSPITAL | 300 COMMUNITY DR | MANHASSET NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE HOSPITAL | 300 COMMUNITY DR | MANHASSET NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE UNIVERSI | 300 COMMUNITY DR | MANHASSET NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE HOSPITAL | 300 COMMUNITY DR | MANHASSET NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE HOSPITAL | 300 COMMUNITY DR | MANHASSET NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE HOSPITAL | 300 COMMUNITY DR | MANHASSET NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | COMMUNITY HOSPITAL N SHORE LIJ | ST ANDREWS LA | GLEN COVE NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | COMM HOSP GLEN COVE N SHORE LIJ | ST ANDREWS LA | GLEN COVE NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | COMM HOSP GLEN COVE N SHORE LIJ | ST ANDREWS LA | GLEN COVE NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE UNIV HOSGLEN COVE | 101 ST ANDREWS LA | GLEN COVE NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | NORTH SHORE-LIJ HEAL | 10 MEDICAL PLZ | GLEN COVE NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | COMM HOSP GLEN COVE N SHORE LIJ | WALNUT RD | GLEN COVE NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | HUNTINGTON HOSPITAL | 270 PARK AV | HUNTINGTON NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | HUNTINGTON HOSPITAL | VIEW ACRE DR | HUNTINGTON NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | HUNTINGTON HOSPITAL | 284 PULASKI RD | GREENLAWN NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | SOUTHSIDE HOSPITAL | E MAIN ST | BAY SHORE NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | SOUTHSIDE HOSPITAL | E MAIN ST | BAY SHORE NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | SOUTHSIDE HOSPITAL | MONTAUK HWY | BAY SHORE NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | PECONIC BAY MEDICAL | 496 EPORT MANOR RD | MANORVILLE NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | PECONIC BAY MEDICAL CENTER- AP | 1300 ROANOKE AV | RIVERHEAD NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | CENTRAL SUFFOLK HOSPACCT PAYABLE | 1300 ROANOKE AV | RIVERHEAD NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | CENTRAL SUFFOLK HOSPACCT PAYABLE | 1300 ROANOKE AV | RIVERHEAD NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NORTH SHORE/LIJ HEALTH SYSTEM | CENTRAL SUFFOLK HOSP | 1300 ROANOKE AV | RIVERHEAD NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NYS OFFICE OF MENTAL HEALTH-KINGS PARK-PILGRIM-SAGAMORE | SAGAMORE PSYCH CNTR | 197 HALF HOLLOW RD | DIX HILLS NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | NYS OFFICE OF MENTAL HEALTH-KINGS PARK-PILGRIM-SAGAMORE | NYS DIV FOR YOUTH | 1230 COMMACK RD | DIX HILLS NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | SOUTHAMPTON HOSPITAL | SOUTHAMPTON HOSPITAL | MEETINGHOUSE LA | SOUTHAMPTON NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | ST JOHN'S EPISCOPAL HOSPITAL-EHS | ST JOHNS EPIS HOSP | 1711 BROOKHAVEN AV | FAR ROCKWY NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | ST JOHN'S EPISCOPAL HOSPITAL-EHS | ST JOHNS EPIS HOSP | 327 BEACH 19TH ST | FAR ROCKWY NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | STONY BROOK UNIVERSITY HOSPITAL | SUNY UNIVSTY HOSPTL | 37 RESEARCH WAY | E SETAUKET NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | STONY BROOK UNIVERSITY HOSPITAL | SUNY UNIVSTY HOSPTL | 33 RESEARCH WAY | SETAUKET NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | STONY BROOK UNIVERSITY HOSPITAL | SUNY UNIVSTY HOSPTL | 31 RESEARCH WAY | E SETAUKET NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| HOSPITAL | HEALTH SERVICES-HOSPITALS | VETERANS ADMINISTRATION HOSPITAL | VET ADM HOSP VA MED | 79 MIDDLEVILLE RD | NORTHPORT NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | WINTHROP HOSPITAL | WINTHROP UNIVERSITY | 1ST ST | MINEOLA NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | WINTHROP HOSPITAL | WINTHROP UNIV HOSP | 1ST ST | MINEOLA NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | WINTHROP HOSPITAL | WINTHROP UNIVERSITY BRIAN KENNY | 259 1ST ST | MINEOLA NY |
| HOSPITAL | HEALTH SERVICES-HOSPITALS | WINTHROP HOSPITAL | WINTHROP UNIV HOSP | SECOND ST | MINEOLA NY |
| HOSPITAL | HEALTH SERVICES-NURSING HOMES | BROOKHAVEN REHAB AND HEALTHCARE CENTER | BROOKHAVEN H R F | 250 BEACH 17TH ST | FAR ROCKWY NY |
| HOSPITAL | NON-MANAGED | N/A | ARTHUR GOLDSTEIN | 12 PEBBLE PL | COMMACK NY |
| LIRR RECTIFIER | NON-MANAGED | N/A | KATHERINE BUBENDEY | 32 DOVER PKY | STEWART MAN NY |
| LIRR RECTIFIER | NON-MANAGED | N/A | DELORES P DARBY | 94 FISHER AV | ISLIP TERR NY |
| MILITARY HEADQUARTERS | FEDERAL/STATE GOVT | NATIONAL PARKS | NAT L PARK SERV | 169 BEACH CHANNEL DR | FT TILDEN NY |
| MILITARY HEADQUARTERS | FEDERAL/STATE GOVT | NYS AIR NATIONAL GUARD | NYS AIR NATL GUARD | RIVERHEAD RD | WHAMPT BCH NY |
| MILITARY HEADQUARTERS | FEDERAL/STATE GOVT | US ARMY | U S ARMY DF&E BUDGET | 200 ROUTE 25A | WADING RIV NY |
| MILITARY HEADQUARTERS | FEDERAL/STATE GOVT | US COAST GUARD | U S COAST GUARD | EATONS NECK RD | NORTHPORT NY |
| MILITARY HEADQUARTERS | FEDERAL/STATE GOVT | US COAST GUARD | U S COAST GUARD | R MOSES PKY | KISMET NY |
| MILITARY HEADQUARTERS | FEDERAL/STATE GOVT | US COAST GUARD | U S COAST GUARD | OLD FIELD RD | OLD FIELD NY |
| MILITARY HEADQUARTERS | FEDERAL/STATE GOVT | US COAST GUARD | USCG | STEWART AV | WESTHAMPTON NY |
| MILITARY HEADQUARTERS | FEDERAL/STATE GOVT | US COAST GUARD | U S COAST GUARD | DUNE RD | HAMPT BAYS NY |
| MILITARY HEADQUARTERS | FEDERAL/STATE GOVT | US COAST GUARD | U S COAST GUARD | LIGHTHOUSE RD | HAMPT BAYS NY |
| MILITARY HEADQUARTERS | FEDERAL/STATE GOVT | US COAST GUARD | U S COAST GUARD | 4 PRESIDIO PL | E HAMPTON NY |
| MILITARY HEADQUARTERS | FEDERAL/STATE GOVT | US COAST GUARD | U S COAST GUARD | MONTAUK POINT RD | MONTAUK NY |
| MILITARY HEADQUARTERS | FEDERAL/STATE GOVT | US COAST GUARD | U S COAST GUARD | STAR ISLAND RD | MONTAUK NY |
| MILITARY HEADQUARTERS | FEDERAL/STATE GOVT | US GENERAL SERVICES ADMIN | 1ST MARINE CORP DIST | 605 STEWART AV | GARDEN CITY NY |
| MILITARY HEADQUARTERS | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF HUNTINGTON | TOWN OF HUNTINGTON | 100 E 5TH ST | HUNT STA NY |
| MILITARY HEADQUARTERS | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF RIVERHEAD | TOWN OF RIVERHEAD | 1405 OLD COUNTRY RD | RIVERHEAD NY |
| MILITARY HEADQUARTERS | NASSAU UNIVERSITIES | US MERCHANT MARINE ACADEMY | U S MERCHANT MARINE | STEPPING STONE LA | GREAT NECK NY |
| MILITARY HEADQUARTERS | NON-MANAGED | N/A | FORT TILDEN POLICE D | FT TILDEN AV | NEPONSIT NY |
| MILITARY HEADQUARTERS | NON-MANAGED | N/A | CONCERN AMITYVILLE | 600 ALBANY AV | AMITYVILLE NY |
| MILITARY HEADQUARTERS | SUFFOLK K-12 SCHOOLS | BAY SHORE SCHOOL DISTRICT | BAY SHORE UFSD | 70 BRENTWOOD RD | BAY SHORE NY |
| MILITARY HEADQUARTERS | VILLAGES | VILLAGE OF HEMPSTEAD | INC VILL HEMPSTEAD | 216 WASHINGTON ST | HEMPSTEAD NY |
| MILITARY HEADQUARTERS | VILLAGES | VILLAGE OF HEMPSTEAD | INC VILLAGE OF HEMPSTEAD | 216 WASHINGTON ST | HEMPSTEAD NY |
| POLICE DEPT | FEDERAL PUBLIC TRANSPORTATION | METROPOLITAN TRANSIT AUTHORITY-LIRR | MTAPD | 565 COMMERCIAL AV | GARDEN CITY NY |
| POLICE DEPT | FEDERAL/STATE GOVT | NYS DEPT OF PARKS | L I STATE PARK COMM | BETHPAGE RD | FARMINGDALE NY |

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| POLICE DEPT | FEDERAL/STATE GOVT | NYS DEPT OF PARKS | JONES BCH STATE PARK | PRK POLICE BARRACK | WANTAGH NY |
| POLICE DEPT | FEDERAL/STATE GOVT | NYS DEPT OF PARKS | LI STATE PARK COMM | BELMONT PARK | N BABYLON NY |
| POLICE DEPT | FEDERAL/STATE GOVT | NYS DEPT OF PARKS | LI STATE PARK COMM | HECKSCHER SPUR RD | GREAT RIVER NY |
| POLICE DEPT | FEDERAL/STATE GOVT | NYS DEPT OF TRANSPORTATION | NYS STATE DEPT TRANS | SOUTHERN STATE PKY | VALLEY STRM NY |
| POLICE DEPT | FEDERAL/STATE GOVT | NYS POLICE | N Y STATE POLICE | SOUTHERN STATE PKY | VALLEY STRM NY |
| POLICE DEPT | FEDERAL/STATE GOVT | NYS POLICE | N Y STATE POLICE | CENTER RD | FARMINGDALE NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | CITY OF LONG BEACH | CITY OF LONG BEACH | 859 PARK AV | LONG BCH NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | COUNTY OF NASSAU | MIRIAM PKY | ELMONT NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | COUNTY OF NASSAU | DUTCH BDWY | ELMONT NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | COUNTY OF NASSAU | BROADWAY | HEWLETT NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | COUNTY OF NASSAU | E SAMPSON ST | E ROCKAWAY NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | COUNTY OF NASSAU | CARMAN AV ES | E MEADOW NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | COUNTY OF NASSAU | OLD COUNTRY RD | WESTBURY NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | COUNTY OF NASSAU | MERRICK AV | E MEADOW NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | COUNTY OF NASSAU | 1255 NEWBRIDGE RD | N BELLMORE NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | COUNTY OF NASSAU | 3636 MERRICK RD | SEAFORD NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | COUNTY OF NASSAU | SCHOOL ST | BAYVILLE NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | COUNTY OF NASSAU | WELLINGTON RD | LOCUST VLY NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | COUNTY OF NASSAU | 7700 JERICHO TPK | WOODBURY NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | COUNTY OF NASSAU | 807 JERUSALEM AV | UNIONDALE NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | COUNTY OF NASSAU | 15TH ST | MINEOLA NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | COUNTY OF NASSAU | COMMUNITY DR | MANHASSET NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | COUNTY OF NASSAU | 970 BRUSH HOLLOW RD | WESTBURY NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | COUNTY OF NASSAU | SOUTH RD | SANDS PT NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | COUNTY OF NASSAU | 214 HILLSIDE AV | WILLISTN PK NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | COUNTY OF NASSAU | HARBOR HILL RD | ROSLYN HGTS NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF-CTY DPW BLDG DIV | VETERANS MEM HWY | HAUPPAUGE NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFFOLK CTY DPWC0152 | OLD WILLETS PATH | HAUPPAUGE NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFFOLK CTY DPWC0354 | 555 RTE 109 | W BABYLON NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFFOLK CTY DPWC0431 | TIMBER PT PARK | GREAT RIVER NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF-CTY DPW BLDG DIV | BLYDENBURGH RD | HAUPPAUGE NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFF COUNTY DPW | FOXBORO AV | FARMNGVILLE NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFFOLK CTY DPWC0067 | 65 MIDDLE COUNTRY RD | CORAM NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | S C DPW BLDG DIV | SMITHTOWN AV | RONKONKOMA NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFFOLK CTY DPWC0356 | 30 YAPHANK RD | YAPHANK NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFFOLK CTY DPWC0359 | MAIN ST | C MORICHES NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | S C POLICE DPW BLDGS | RIVERHEAD MOR RD | RIVERHEAD NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF-CTY DPW BLDG DIV | OLD RIVERHEAD RD | WESTHAMPTON NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CTY DPW BLDG DIV | EDGE OF WOODS RD | SOUTHAMPTON NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF EAST HAMPTON | TOWN OF E HAMPTON | 159 PANTIGO RD | E HAMPTON NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF EAST HAMPTON | TOWN OF E HAMPTON | S EMBASSY ST | MONTAUK NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF SOUTHAMPTON | TOWN OF SOUTHAMPTON | JACKSON AV | HAMPT BAYS NY |
| POLICE DEPT | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF SOUTHOLD | TOWN OF SOUTHOLD | 41405 MAIN RD | PECONIC NY |
| POLICE DEPT | NON-MANAGED | N/A | LLOYD HARBOR P B A | WEST NECK RD | LLOYD HBR NY |
| POLICE DEPT | NON-MANAGED | N/A | TOWN OF RIVERHEAD | 210 HOWELL AV | RIVERHEAD NY |
| POLICE DEPT | NON-MANAGED | N/A | TOWN OF SHELTER IS | N FERRY RD | SHELTER IS NY |
| POLICE DEPT | NYC AGENCIES | NYC POLICE DEPARTMENT | CITY OF NEW YORK | MOTT AV | FAR ROCKWY NY |
| POLICE DEPT | VILLAGES | VILLAGE OF CENTRE ISLAND | VIL OF CENTER ISLAND | 303 CENTRE ISLAND RD | OYSTER BAY NY |
| POLICE DEPT | VILLAGES | VILLAGE OF COVE NECK | INC VILL COVE NECK | 33 COVE NECK RD | OYSTER BAY NY |
| POLICE DEPT | VILLAGES | VILLAGE OF GARDEN CITY | VILL OF GARDEN CITY | STEWART AV | GARDEN CITY NY |
| POLICE DEPT | VILLAGES | VILLAGE OF GREAT NECK ESTATES | VILL GREAT NECK ESTA | 1 CEDAR DR | GREAT NECK NY |
| POLICE DEPT | VILLAGES | VILLAGE OF HEMPSTEAD | INC VIL OF HEMPSTEAD | 99 NICHOLS CT | HEMPSTEAD NY |
| POLICE DEPT | VILLAGES | VILLAGE OF KENSINGTON | VILL OF KENSINGTON | 1A BEVERLY RD | GREAT NECK NY |
| POLICE DEPT | VILLAGES | VILLAGE OF LAKE SUCCESS | VILLAGE OF LAKE SUCC | 15 VANDERBILT DR | L SUCCESS NY |
| POLICE DEPT | VILLAGES | VILLAGE OF LAUREL HOLLOW | INC VILLAGE OF LAURE | MOORES HILL RD | SYOSSET NY |
| POLICE DEPT | VILLAGES | VILLAGE OF MILL NECK | VILL OF MILL NECK | FROST MILL RD | MILL NECK NY |
| POLICE DEPT | VILLAGES | VILLAGE OF OLD BROOKVILLE | VILL OLD BROOKVILLE | NORTHERN BLVD | OYSTER BAY NY |
| POLICE DEPT | VILLAGES | VILLAGE OF OLD WESTBURY | VILL OF OLD WESTBURY | 11 STORE HILL RD | O WESTBURY NY |
| POLICE DEPT | VILLAGES | VILLAGE OF PORT WASHINGTON NORTH | PT WASH POLICE DEPT | 500 PT WASHINGTON BL | PT WASH NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| POLICE DEPT | VILLAGES | VILLAGE OF QUOGUE | VILLAGE OF QUOGUE | 115 JESSUP AV | QUOGUE NY |
| POLICE DEPT | VILLAGES | VILLAGE OF SAG HARBOR | VILLAGE SAG HARBOR | 70 DIVISION ST | SAG HARBOR NY |
| POLICE DEPT | VILLAGES | VILLAGE OF SANDS POINT | VILL OF SANDS POINT | 26 TIBBITS LA | SANDS PT NY |
| POLICE DEPT | VILLAGES | VILLAGE OF WESTBURY | INC VILLAGE OF WESTB | UNION ST | WESTBURY NY |
| PRIVATE HEALTH DEVICE | NAS/SUF COUNTY GOVT TWNSPS | HEMPSTEAD HOUSING AUTHORITY | TOWN OF HEMPSTEAD | 1174 MARTHA PL | FRANKLIN SQ NY |
| PRIVATE HEALTH DEVICE | PRIVATE SCHOOLS - NASSAU | MILL NECK MANOR SCHOOL FOR DEAF | MILL NECK MANOR SCHO | 34 FROST MILL RD | MILL NECK NY |
| RADIO OR PAPER | NASSAU UNIVERSITIES | NEW YORK INSTITUTE OF TECHNOLOGY | N Y INS OF TECH | NORTHERN BLVD | GLEN HEAD NY |
| RADIO OR PAPER | NON-MANAGED | N/A | EBC DBA WLIW LLC | 1 CHANNEL 21 DR | PLAINVIEW NY |
| RADIO OR PAPER | NON-MANAGED | N/A | LONG ISLAND BROADCAST | 470 MILBURN AV | HEMPSTEAD NY |
| RADIO OR PAPER | NON-MANAGED | N/A | COX RADIO INC | 700 SOUTH SERVICE RD | DIX HILLS NY |
| RADIO OR PAPER | NON-MANAGED | N/A | MINDSHIFT TECHN INC | 500 COMMACK RD | COMMACK NY |
| RADIO OR PAPER | NON-MANAGED | N/A | L I MULTIMEDIA LLC | FREEMAN AV | ISLIP NY |
| RADIO OR PAPER | NON-MANAGED | N/A | WGSM RADIO INC | 920 CROOKED HILL RD | BRENTWOOD NY |
| RADIO OR PAPER | NON-MANAGED | N/A | VERTICAL BRIDGE CCFM | 40 TOWER HILL AV | FARMINGVILLE NY |
| RADIO OR PAPER | NON-MANAGED | N/A | WLIG-TV INC | WADING RIVER HOL RD | RIDGE NY |
| RADIO OR PAPER | NON-MANAGED | N/A | POLNET COMMUNICATION | 45 PENNSYLVANIA AV | MEDFORD NY |
| RADIO OR PAPER | NON-MANAGED | N/A | WALK RADIO STATION | COLONIAL DR | E PATCHOGUE NY |
| RADIO OR PAPER | NON-MANAGED | N/A | COX RADIO INC | 340 GREAT HILL RD | SOUTHAMPTON NY |
| RADIO OR PAPER | NON-MANAGED | N/A | WLNG RADIO | 1017 MILLSTONE RD | SAG HARBOR NY |
| RADIO OR PAPER | NON-MANAGED | N/A | EAST COAST BROADCAST | 16 REDWOOD RD | SAG HARBOR NY |
| RADIO OR PAPER | NON-MANAGED | N/A | LOCAL TV INC | 75 INDUSTRIAL RD | WAINSCOTT NY |
| RADIO OR PAPER | TELECOMMUNICATIONS | CABLEVISION-ALTICE | CABLEVISION SYSTEMS | 1 MEDIA CROSSWAY | WOODBURY NY |
| RADIO OR PAPER | TELECOMMUNICATIONS | CABLEVISION-ALTICE | CABLEVISION SYSTEMS | 111 CROSSWAY PK DR W | WOODBURY NY |
| RADIO OR PAPER | TELECOMMUNICATIONS | CABLEVISION-ALTICE | CABLEVISION SYSTEMS | 420 CROSSWAYS PK DR | WOODBURY NY |
| RADIO OR PAPER | TELECOMMUNICATIONS | HBO | HBO | 300 NEW HWY | HAUPPAUGE NY |
| RADIO OR PAPER | TELECOMMUNICATIONS | HBO | HOME BOX OFFICE | 300 NEW HWY | HAUPPAUGE NY |
| RADIO OR PAPER | TELECOMMUNICATIONS | MTV-VIACOM INC | VIACOM NETWORKS | 35 ADAMS AV | HAUPPAUGE NY |
| RADIO OR PAPER | TELECOMMUNICATIONS | MTV-VIACOM INC | VIACOM NETWORKS | 35 ADAMS AV | HAUPPAUGE NY |
| RADIO OR PAPER | TELECOMMUNICATIONS | RAINBOW NETWORKS | RAINBOW MEDIA HLD | 620 HICKSVILLE RD | BETHPAGE NY |
| RADIO OR PAPER | TELECOMMUNICATIONS | RAINBOW NETWORKS | RAINBOW NETWORK | 620 HICKSVILLE RD | BETHPAGE NY |
| SEWAGE TREATMENT/PUMP | FEDERAL/STATE GOVT | NYS DEPT OF PARKS | LI STATE PARK COMM | YELLOW BETHPAGE RD | FARMINGDALE NY |
| SEWAGE TREATMENT/PUMP | FEDERAL/STATE GOVT | NYS DEPT OF PARKS | LI STATE PARK COMM | WEST BATH HOUSE | WANTAGH NY |
| SEWAGE TREATMENT/PUMP | FEDERAL/STATE GOVT | NYS DEPT OF PARKS | JONES BCH STATE PARK | SEW PMP PAR 3 GAME | WANTAGH NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| SEWAGE TREATMENT/PUMP | FEDERAL/STATE GOVT | NYS DEPT OF PARKS | JONES BCH STATE PARK | E BTH HSE BUS STOP | WANTAGH NY |
| SEWAGE TREATMENT/PUMP | FEDERAL/STATE GOVT | NYS DEPT OF PARKS | JONES BCH STATE PARK | FILTER PLANT | WANTAGH NY |
| SEWAGE TREATMENT/PUMP | FEDERAL/STATE GOVT | NYS DEPT OF PARKS | JONES BCH STATE PARK | SEWAGE STA 4 PKY | WANTAGH NY |
| SEWAGE TREATMENT/PUMP | FEDERAL/STATE GOVT | NYS DEPT OF PARKS | LI STATE PARK COMM | ROUND SWAMP RD | BETHPAGE NY |
| SEWAGE TREATMENT/PUMP | HEALTH SERVICES-HOSPITALS | SOUTHAMPTON HOSPITAL | SOUTHAMPTON HOSPITAL | OLD TOWN RD | SOUTHAMPTON NY |
| SEWAGE TREATMENT/PUMP | HEALTH SERVICES-NURSING HOMES | ARCADIA MANAGEMENT | ISLANDIA COMM SRS OP | BLYDENBURGH RD | ISLANDIA NY |
| SEWAGE TREATMENT/PUMP | HEALTH SERVICES-NURSING HOMES | ST JOHNLAND NURSING HOME | ST JOHNLAND NURSG HMSWG PUMP STA | SUNKEN MEADOW RD | KINGS PARK NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | CITY OF LONG BEACH | CITY OF LONG BEACH | ROOSEVELT BLVD | LONG BCH NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | CITY OF LONG BEACH | CITY OF LONG BEACH | NATIONAL BLVD | LONG BCH NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | GREATER ATLANTIC BEACH WATER RECLAMATION DISTRICT | THE GREATER ATLANTIC | SCOTT ST | ATLNTIC BCH NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | GREATER ATLANTIC BEACH WATER RECLAMATION DISTRICT | THE GREATER ATLANTIC | 2150 BAY BLVD | ATLNTIC BCH NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | GREATER ATLANTIC BEACH WATER RECLAMATION DISTRICT | THE GREATER ATLANTIC | WAYNE AV | ATLNTIC BCH NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | NASSAU CNTY LAWRENCE | 101 CAUSEWAY | LAWRENCE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | INCINERATOR RD | LAWRENCE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | LONGACRE AV | WOODMERE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | BAYVIEW AV | INWOOD NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | EAST AVENUE | LAWRENCE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | NASSAU COUNTY LAWREN | 1 ROCK HALL RD | LAWRENCE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | WOODMERE BLVD | WOODMERE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | OCEAN AV | VALLEY STRM NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | MILL RD | VALLEY STRM NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | BODEN AV | VALLEY STRM NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | FELIX CT | BALDWIN NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | S MILBURN NORTH AV | BALDWIN NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | S GRAND AV | BALDWIN NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | FOX RD | BALDWIN NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | REGENT DR | LIDO BCH NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | KNIGHT ST | OCEANSIDE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | ROYAL AV | OCEANSIDE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | MOTT ST | OCEANSIDE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | LONG BEACH RD | OCEANSIDE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | COUNTY OF NASSAU | MERRICK AV | E MEADOW NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | BERNICE DR | E MEADOW NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | NEWBRIDGE RD | BELLMORE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | MERRICK RD | MERRICK NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITER WATER LONG IS | BAYVIEW AV | WANTAGH NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | COUNTY OF NASSAU | MERRICK RD | WANTAGH NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | MERRICK RD | WANTAGH NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | CEDAR DR | MASSAPEQUA NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | ROOSEVELT BLVD | MASSAPEQUA NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | PARK / ALHAMBRA RD | MASSAPEQUA NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | 1 BILTMORE BLVD | MASSAPEQUA NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | WHITEWOOD DR | MASS PK NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | 20 MELENY RD | LOCUST VLY NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | PELICAN CT | SYOSSET NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | COLD SPRING RD | SYOSSET NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | STRATFORD DR S | ALBERTSON NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | POWERHOUSE RD | ROSLYN HGTS NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | MALLARD RD | CARLE PLACE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | E WILLISTON AV | E WILLISTON NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | SKILLMAN ST | ROSLYN NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | KNOTT DR | GLEN COVE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | COMP LA | GLEN COVE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | VIOLA DR | GLEN COVE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | FRANKLIN AV | GLEN COVE NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | TITUS RD | GLEN COVE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | MEADOWFIELD LA | GLEN COVE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | DOCK PL | GLEN COVE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | GLENGARIFF DR | GLEN COVE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | LONG MEADOW LA | GLEN COVE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | DANAS ISLAND HWY | GLEN COVE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | SOUTHLAND DR | GLEN COVE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | HARWOOD DR W | GLEN COVE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | 12 WOODLAND RD | GLEN COVE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | END LANDING RD | GLEN COVE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | NASSAU COUNTY | 100 MORRIS AV | GLEN COVE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | GARVIES POINT RD | GLEN COVE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | UNITED WATER LONG IS | SHORE RD | GLEN COVE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | THREEPENGE DR | MELVILLE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | 24 FARMINGTON LA | MELVILLE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | MILE END LA | DIX HILLS NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | TRUXTON RD | MELVILLE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | RUSTIC GATE LA | DIX HILLS NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | VETERANS MEM HWY | HAUPPAUGE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | S W SEWER DIST | N-S OCEAN PKY | CEDAR BCH NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFF COUNTY DPW | OAK NECK LA | WEST ISLIP NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFF COUNTY DPW | NEPTUNE CT | BRIGHTWTRS NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFF COUNTY DPW | PROSPECT AV | BAY SHORE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFF COUNTY DPW | MAPLE AV | BAY SHORE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFF COUNTY DPW | MONTGOMERY AV | BAY SHORE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFF COUNTY DPW | OCEAN AV | ISLIP NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFF COUNTY DPW | THE HELM | E ISLIP NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SCSD18 HEARTLAND | 220 OSER AV | HAUPPAUGE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | BURNOUT CT ESSEX DR | FARMNGVILLE NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | NICOLLS RD | STONY BROOK NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | NESCONSET HWY | STONY BROOK NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | PARSONS RD | ST JAMES NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | MILLBROOK DR | STONY BROOK NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | BEACH ST | PT JEFFERSN NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFF COUNTY DPW | BEACH RD | PT JEFFERSN NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | MAIN & BARNUM AV | PT JEFFERSN NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | DARE RD | SELDEN NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | SOUTH ST | SELDEN NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | HAWKINS RD | SELDEN NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | BICYCLE PATH | SELDEN NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFFOLK COUNTY DPW | HALLEY LA | MILLER PL NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFFOLK COUNTY DPW | PIPE STAVE HOL RD | MILLER PL NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | SALISBURY RUN | CORAM NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | ROBERTA AV | FARMNGVILLE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFFOLK DPW SANIT | WHISKEY RD | RIDGE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFFOLK DPW SANITATN | WHISKEY RD | RIDGE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | WOODBRIIDGE DR | RIDGE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | GRIFFIN DR | MT SINAI NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | FEDERAL LA | CORAM NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | WEST DENNIS LA | CORAM NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | NORTHRIDGE DR | CORAM NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | PENNAQUID RD | SELDEN NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | ROUTE 112 | CORAM NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | HARTSDALE LA | CORAM NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | 113A WEDGEWOOD DR | CORAM NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFFOLK COUNTY DPW | 969 OLD TOWN RD | CORAM NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | 969 OLD TOWN RD | CORAM NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFF COUNTY DPW | ROUTE 112 | CORAM NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFFOLK DPW SANTIATN | 221 MORICHES RD | ST JAMES NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | RICHMOND BLVD | RONKONKOMA NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | YAPHANK AV | YAPHANK NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | LACE BARK LA | MEDFORD NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | SIPP AV | E PATCHOGUE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | E WOODSIDE AV SS | MEDFORD NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | E WOODSIDE AV | MEDFORD NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | HOSPITAL RD | E PATCHOGUE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | 6* LOLLYPINE LA | MEDFORD NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFFOLK DPW SANITATN | JOANNE DR | HOLBROOK NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | 147 GLEN SUMMER RD | HOLBROOK NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | PAT YAPHANK RD | BELLPORT NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF EAST HAMPTON | TOWN OF E HAMPTON | MADISON HILL DR | MONTAUK NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF HEMPSTEAD | TOWN OF HEMPSTEAD REFUSE STAT | 1600 MERRICK RD | MERRICK NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF HEMPSTEAD | TOWN OF N HEMPSTEAD | CRESCENT DR | ALBERTSON NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF HUNTINGTON | HUNT SEWER TREATMENT | CREEK RD | HUNTINGTON NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF HUNTINGTON | TOWN OF HUNTINGTON | PARK AV | HUNTINGTON NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF HUNTINGTON | CENTERPORT SEWER DIS | CENTERSHORE RD | CENTERPORT NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF HUNTINGTON | CENTERPORT SEWER DIS | PARK CIR | CENTERPORT NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF NORTH HEMPSTEAD | TOWN OF N HEMPSTEAD | FAIRWAY DR | PT WASH NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF OYSTER BAY | OYSTER BAY SEWER DIS | 15 BAY AV | OYSTER BAY NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF OYSTER BAY | TOWN OF OYSTER BAY | BAY AV | OYSTER BAY NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF OYSTER BAY | TWN OF OYSTER BAY | WINDING RD | O BETHPAGE NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF RIVERHEAD | RIVERHEAD SEWER DIST | E MAIN ST | RIVERHEAD NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF RIVERHEAD | TOWN OF RIVERHEAD | CRANBERRY ST | RIVERHEAD NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF RIVERHEAD | TOWN OF RIVERHEAD | 323 HOWELL AV | RIVERHEAD NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF RIVERHEAD | RIVERHEAD SEWER DIST | MIDDLE RD SS | RIVERHEAD NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF RIVERHEAD | TOWN OF RIVERHEAD | OLD COUNTRY RD NS | RIVERHEAD NY |
| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF RIVERHEAD | TN OF RIVERHEAD | 4062 GRUMMAN BLVD | CALVERTON NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| SEWAGE TREATMENT/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF SMITHTOWN | TOWN OF SMITHTOWN | MORICHES RD | ST JAMES NY |
| SEWAGE TREATMENT/PUMP | NASSAU UNIVERSITIES | CW POST | C W POST COLLEGE | NORTHERN BLVD | GLEN HEAD NY |
| SEWAGE TREATMENT/PUMP | NON-MANAGED | N/A | THE GREATER ATLANTIC | ITHACA AV | ATLNTIC BCH NY |
| SEWAGE TREATMENT/PUMP | NON-MANAGED | N/A | COLEMAN CONSULTING CORP | 5 AUDREY AV | OYSTER BAY NY |
| SEWAGE TREATMENT/PUMP | NON-MANAGED | N/A | SEAWANHAKA CORINTHIA | SEAWANHAKA RD | OYSTER BAY NY |
| SEWAGE TREATMENT/PUMP | NON-MANAGED | N/A | HUNT SR CITIZENS HSG | PAUMANACK VL DR | GREENLAWN NY |
| SEWAGE TREATMENT/PUMP | NON-MANAGED | N/A | MARTIN LUTHER TERR | WARTBURG DR | KINGS PARK NY |
| SEWAGE TREATMENT/PUMP | NON-MANAGED | N/A | SOMERSET WOODS INC | AUGUST RD | N BABYLON NY |
| SEWAGE TREATMENT/PUMP | NON-MANAGED | N/A | QUAIL RUN H O A INC | QUAIL RUN DR | DEER PARK NY |
| SEWAGE TREATMENT/PUMP | NON-MANAGED | N/A | HERITAGE GRDNS BRNTW | 4 FAIRFIELD CIR | BRENTWOOD NY |
| SEWAGE TREATMENT/PUMP | NON-MANAGED | N/A | TOWNE HOUSE VIL APTS | 100 TOWN HSE VILL | ISLANDIA NY |
| SEWAGE TREATMENT/PUMP | NON-MANAGED | N/A | GROTON EQUITIES IND | 111 COLLEGE RD | SELDEN NY |
| SEWAGE TREATMENT/PUMP | NON-MANAGED | N/A | ROCKY POINTOWNRS INC | ROCKY POINT RD | ROCKY PT NY |
| SEWAGE TREATMENT/PUMP | NON-MANAGED | N/A | HEATHERWOOD HSE AT | 147 LAKE SHORE RD | LAKE RONK NY |
| SEWAGE TREATMENT/PUMP | NON-MANAGED | N/A | WILLOW WOOD SMITHTWN | PLANTATION DR | HAUPPAUGE NY |
| SEWAGE TREATMENT/PUMP | NON-MANAGED | N/A | HOME PROPERTIES OF N | WILLIAMS BLVD | LAKE GROVE NY |
| SEWAGE TREATMENT/PUMP | NON-MANAGED | N/A | WINDMILL GATE CONDO | WINDMILL GATE DR | OAKDALE NY |
| SEWAGE TREATMENT/PUMP | NON-MANAGED | N/A | BIRCHWOOD ON THE GRN | WILSHIRE LA | OAKDALE NY |
| SEWAGE TREATMENT/PUMP | NON-MANAGED | N/A | BIRCHWOOD GLEN OWNER | BUCKLEY RD | PATCHOGUE NY |
| SEWAGE TREATMENT/PUMP | NON-MANAGED | N/A | HEATHERWOOD HOUSE | 865 BROADWAY AV | HOLBROOK NY |
| SEWAGE TREATMENT/PUMP | NON-MANAGED | N/A | GROTON EQUITIES DBA | 825 BROADWAY AV | HOLBROOK NY |
| SEWAGE TREATMENT/PUMP | NON-MANAGED | N/A | TOWN OF RIVERHEAD | RIVERSIDE DR | RIVERHEAD NY |
| SEWAGE TREATMENT/PUMP | NON-MANAGED | N/A | TOWN OF RIVERHEAD | RAYNOR AV | RIVERHEAD NY |
| SEWAGE TREATMENT/PUMP | NON-MANAGED | N/A | TOWN OF RIVERHEAD | W MAIN ST | RIVERHEAD NY |
| SEWAGE TREATMENT/PUMP | NON-MANAGED | N/A | TOWN OF RIVERHEAD | ELTON ST | RIVERHEAD NY |
| SEWAGE TREATMENT/PUMP | NON-MANAGED | N/A | TOWN OF RIVERHEAD | PALANE NORTH CT | CALVERTON NY |
| SEWAGE TREATMENT/PUMP | NON-MANAGED | N/A | TOWN OF RIVERHEAD | ROUTE 58 | RIVERHEAD NY |
| SEWAGE TREATMENT/PUMP | NON-MANAGED | N/A | TOWN OF RIVERHEAD | E MAIN ST | RIVERHEAD NY |
| SEWAGE TREATMENT/PUMP | NON-MANAGED | N/A | TOWN OF RIVERHEAD | OLD COUNTRY RD NS | RIVERHEAD NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
|-----------------------|------------------------|---|----------------------|-----------------|-----------------|
| SEWAGE TREATMENT/PUMP | NON-MANAGED | N/A | GREENPORT GROUP LLC | MAIN RD | GREENPORT NY |
| SEWAGE TREATMENT/PUMP | NON-MANAGED | N/A | SOUTHAMPTON ASSOC | KENSINGTON CIR | SOUTHAMPTON NY |
| SEWAGE TREATMENT/PUMP | NYC AGENCIES | NYC DEPT OF ENVIRONMENTAL PROTECTION | CITY OF NEW YORK | NAMEOKE ST | FAR ROCKWY NY |
| SEWAGE TREATMENT/PUMP | NYC AGENCIES | NYC DEPT OF ENVIRONMENTAL PROTECTION | CITY OF NEW YORK | NAMEOKE ST | FAR ROCKWY NY |
| SEWAGE TREATMENT/PUMP | NYC AGENCIES | NYC DEPT OF ENVIRONMENTAL PROTECTION | CITY OF NEW YORK | SEAGIRT AV | FAR ROCKWY NY |
| SEWAGE TREATMENT/PUMP | NYC AGENCIES | NYC DEPT OF ENVIRONMENTAL PROTECTION | CITY OF NEW YORK | SEAGIRT AV | FAR ROCKWY NY |
| SEWAGE TREATMENT/PUMP | NYC AGENCIES | NYC DEPT OF ENVIRONMENTAL PROTECTION | CITY OF NEW YORK | NORTON DR | FAR ROCKWY NY |
| SEWAGE TREATMENT/PUMP | REAL ESTATE/DEVELOPERS | FAIRFIELD PROPERTIES | GROTON EQUITIES IND | 111 COLLEGE RD | SELDEN NY |
| SEWAGE TREATMENT/PUMP | REAL ESTATE/DEVELOPERS | FAIRFIELD PROPERTIES | GROTON EQUITIES DBA | 825 BROADWAY AV | HOLBROOK NY |
| SEWAGE TREATMENT/PUMP | VILLAGES | VILLAGE OF CEDARHURST | VILL OF CEDARHURST | PENINSULA BLVD | CEDARHURST NY |
| SEWAGE TREATMENT/PUMP | VILLAGES | VILLAGE OF GARDEN CITY | VILL OF GARDEN CITY | 128 MEADOW ST | GARDEN CITY NY |
| SEWAGE TREATMENT/PUMP | VILLAGES | VILLAGE OF GARDEN CITY | VILL OF GARDEN CITY | 2ND ST | GARDEN CITY NY |
| SEWAGE TREATMENT/PUMP | VILLAGES | VILLAGE OF HEMPSTEAD | VILL OF HEMPSTEAD | LONG DR | HEMPSTEAD NY |
| SEWAGE TREATMENT/PUMP | VILLAGES | VILLAGE OF HEMPSTEAD | INC VIL OF HEMPSTEAD | NEWMANS CT | HEMPSTEAD NY |
| SEWAGE TREATMENT/PUMP | VILLAGES | VILLAGE OF HEMPSTEAD | VILL OF HEMPSTEAD | HARRISON AV | HEMPSTEAD NY |
| SEWAGE TREATMENT/PUMP | VILLAGES | VILLAGE OF HEMPSTEAD | INC VIL OF HEMPSTEAD | AMHERST ST | HEMPSTEAD NY |
| SEWAGE TREATMENT/PUMP | VILLAGES | VILLAGE OF NORTHPORT | VILLAGE OF NORTHPORT | 11 BAYVIEW AV | NORTHPORT NY |
| SEWAGE TREATMENT/PUMP | VILLAGES | VILLAGE OF NORTHPORT | VILLAGE OF NORTHPORT | CAIRO AV | NORTHPORT NY |
| SEWAGE TREATMENT/PUMP | VILLAGES | VILLAGE OF NORTHPORT | VILLAGE OF NORTHPORT | BEACH RD | NORTHPORT NY |
| SEWAGE TREATMENT/PUMP | VILLAGES | VILLAGE OF NORTHPORT | NPT SEWER TRTMNT PLT | KETCHAM PL | NORTHPORT NY |
| SEWAGE TREATMENT/PUMP | VILLAGES | VILLAGE OF NORTHPORT | INC VILLAGE OF NPT | MILLAND DR | NORTHPORT NY |
| SEWAGE TREATMENT/PUMP | VILLAGES | VILLAGE OF SAG HARBOR | VILLAGE SAG HARBOR | LONG ISLAND AV | SAG HARBOR NY |
| SEWAGE TREATMENT/PUMP | VILLAGES | VILLAGE OF SAG HARBOR | VILLAGE SAG HARBOR | BAY ST | SAG HARBOR NY |
| SEWAGE TREATMENT/PUMP | WATER DISTRICTS | BELGRAVE WATER POLLUTION CONTROL DISTRICT | BELGRAVE WATER | 3401 255TH ST | GREAT NECK NY |
| SEWAGE TREATMENT/PUMP | WATER DISTRICTS | GREAT NECK WATER POLLUTION CONTROL DISTRICT | GREAT NECK WATER POL | 26 BAYVIEW AV | MANHASSET NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
|-----------------------|-----------------|--|----------------------|------------------|-----------------|
| SEWAGE TREATMENT/PUMP | WATER DISTRICTS | GREAT NECK WATER POLLUTION CONTROL DISTRICT | GREAT NK WATER POLL | SHELTER ROCK RD | MANHASSET NY |
| SEWAGE TREATMENT/PUMP | WATER DISTRICTS | GREAT NECK WATER POLLUTION CONTROL DISTRICT | GREAT NECK WCPD | 236 E SHORE RD | GREAT NECK NY |
| SEWAGE TREATMENT/PUMP | WATER DISTRICTS | GREAT NECK WATER POLLUTION CONTROL DISTRICT | GREAT NECK WCPD | 20 PICCADILLY RD | GREAT NECK NY |
| SEWAGE TREATMENT/PUMP | WATER DISTRICTS | GREAT NECK WATER POLLUTION CONTROL DISTRICT | GREAT NECK WCPD | RED BROOK RD | GREAT NECK NY |
| SEWAGE TREATMENT/PUMP | WATER DISTRICTS | GREAT NECK WATER POLLUTION CONTROL DISTRICT | GREAT NECK WCPD | VAN NOSTRAND AV | GREAT NECK NY |
| SEWAGE TREATMENT/PUMP | WATER DISTRICTS | GREAT NECK WATER POLLUTION CONTROL DISTRICT | GREAT NECK WCPD | OLD POND RD | GREAT NECK NY |
| SEWAGE TREATMENT/PUMP | WATER DISTRICTS | GREAT NECK WATER POLLUTION CONTROL DISTRICT | GR NK WTR POL CONTR | 139 BAYVIEW AV | GREAT NECK NY |
| SEWAGE TREATMENT/PUMP | WATER DISTRICTS | GREAT NECK WATER POLLUTION CONTROL DISTRICT | GREAT NK WATER POLL | GRIST MILL LA | GREAT NECK NY |
| SEWAGE TREATMENT/PUMP | WATER DISTRICTS | GREAT NECK WATER POLLUTION CONTROL DISTRICT | GR NK WTR POL CONTR | 80 GREENLEAF HL | GREAT NECK NY |
| SEWAGE TREATMENT/PUMP | WATER DISTRICTS | GREAT NECK WATER POLLUTION CONTROL DISTRICT | GREAT NECK WCPD | SPRING LA | GREAT NECK NY |
| SEWAGE TREATMENT/PUMP | WATER DISTRICTS | PT WASHINGTON WATER POLLUTION CONTROL DISTRICT | PT WASH WTR POLUTION | WAKEFIELD AV | PT WASH NY |
| SEWAGE TREATMENT/PUMP | WATER DISTRICTS | PT WASHINGTON WATER POLLUTION CONTROL DISTRICT | PT WASH WTR POL DIST | W SHORE RD WS | PT WASH NY |
| SEWAGE TREATMENT/PUMP | WATER DISTRICTS | PT WASHINGTON WATER POLLUTION CONTROL DISTRICT | PT WASH WTR POLUTION | W SHORE RD | PT WASH NY |
| SEWAGE TREATMENT/PUMP | WATER DISTRICTS | PT WASHINGTON WATER POLLUTION CONTROL DISTRICT | PT WASH WTR POLUTION | 70 HARBOR RD | PT WASH NY |
| SEWAGE TREATMENT/PUMP | WATER DISTRICTS | PT WASHINGTON WATER POLLUTION CONTROL DISTRICT | PT WASH WTR POLUTION | 70 HARBOR RD | PT WASH NY |
| SEWAGE TREATMENT/PUMP | WATER DISTRICTS | PT WASHINGTON WATER POLLUTION CONTROL DISTRICT | PT WASH WTR POLUTION | PT WASH BLVD | PT WASH NY |
| SEWAGE TREATMENT/PUMP | WATER DISTRICTS | PT WASHINGTON WATER POLLUTION CONTROL DISTRICT | PT WASH WTR POLUTION | SHORE RD | PT WASH NY |
| SEWAGE TREATMENT/PUMP | WATER DISTRICTS | PT WASHINGTON WATER POLLUTION CONTROL DISTRICT | PT WASH WTR POLUTION | CAPI LA | PT WASH NY |
| SEWAGE TREATMENT/PUMP | WATER DISTRICTS | PT WASHINGTON WATER POLLUTION CONTROL DISTRICT | PT WASH WTR POLUTION | BEACHWAY | PT WASH NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
|-----------------------|--------------------|--|------------------------------|--------------------|-----------------|
| SEWAGE TREATMENT/PUMP | WATER DISTRICTS | PT WASHINGTON WATER POLLUTION CONTROL DISTRICT | PT WASH WTR POLLUTION | LEEDS DR | PT WASH NY |
| SEWAGE TREATMENT/PUMP | WATER DISTRICTS | PT WASHINGTON WATER POLLUTION CONTROL DISTRICT | PT WASH WTR POLLUTION | AMHERST RD | PT WASH NY |
| SEWAGE TREATMENT/PUMP | WATER DISTRICTS | PT WASHINGTON WATER POLLUTION CONTROL DISTRICT | PT WASH WTR POLLUTION | HAVEN AV | PT WASH NY |
| SEWAGE TREATMENT/PUMP | WATER DISTRICTS | PT WASHINGTON WATER POLLUTION CONTROL DISTRICT | PT WASH WTR POLLUTION | NEULIST AV | PT WASH NY |
| SEWAGE TREATMENT/PUMP | WATER DISTRICTS | PT WASHINGTON WATER POLLUTION CONTROL DISTRICT | PT WASH WTR POLLUTION | MOREWOOD OAKS | PT WASH NY |
| SEWAGE TREATMENT/PUMP | WATER DISTRICTS | PT WASHINGTON WATER POLLUTION CONTROL DISTRICT | PT WASH WTR POLLUTION | 39 BEECHWOOD AV | PT WASH NY |
| SEWAGE TREATMENT/PUMP | WATER DISTRICTS | PT WASHINGTON WATER POLLUTION CONTROL DISTRICT | PT WASH WTR POLLUTION | STONYTOWN RD | PT WASH NY |
| SEWAGE TREATMENT/PUMP | WATER DISTRICTS | PT WASHINGTON WATER POLLUTION CONTROL DISTRICT | PT WASH WTR POLLUTION | SMULL PL | PT WASH NY |
| TELEPHONE CENTER | NON-MANAGED | N/A | JZANUS LTD | 1230 HEMPSTEAD TPK | FRANKLIN SQ NY |
| TELEPHONE CENTER | NON-MANAGED | N/A | VALEREW FITNESS | 2203 MCCONNELL CT | BELLMORE NY |
| TELEPHONE CENTER | NON-MANAGED | N/A | HCAS INCORP | 2415 JERUSALEM AV | BELLMORE NY |
| TELEPHONE CENTER | NON-MANAGED | N/A | MEDFONE NATIONWIDE | 3305 JERUSALEM AV | WANTAGH NY |
| TELEPHONE CENTER | NON-MANAGED | N/A | MEDFONE NATIONWIDE | 3305 JERUSALEM AV | WANTAGH NY |
| TELEPHONE CENTER | NON-MANAGED | N/A | LOWITT ALARMS & SEC SYST INC | 25 BETHPAGE RD | HICKSVILLE NY |
| TELEPHONE CENTER | NON-MANAGED | N/A | METRODIAL | 25 BETHPAGE RD | HICKSVILLE NY |
| TELEPHONE CENTER | NON-MANAGED | N/A | AMERICAN TOWERS INC | ROUND SWAMP RD | PLAINVIEW NY |
| TELEPHONE CENTER | NON-MANAGED | N/A | BROOKS FIBER COMM | 48 SWALM ST | WESTBURY NY |
| TELEPHONE CENTER | NON-MANAGED | N/A | OPTICAL COMMUNICATIO | 802 SUFFOLK AV | BRENTWOOD NY |
| TELEPHONE CENTER | NON-MANAGED | N/A | SBA TOWERS INC | ROUTE 111 | MANORVILLE NY |
| TELEPHONE CENTER | NON-MANAGED | N/A | AMERICAN TOWERS INC | RIVERHEAD MOR RD | RIVERHEAD NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | AT&T | A T & T WIRELESS SVC | 198 ARMSTRONG RD | GDN CITY PK NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | AT&T | AMERICAN TEL&TEL CO | 1424 E JERICO TPK | HUNTINGTON NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | AT&T | AT&T INTERNATIONAL | 1 CORACI BLVD | SHIRLEY NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | CABLEVISION-ALTICE | CABLEVISION | 200 JERICO TPK | JERICO NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | CABLEVISION-ALTICE | CSC HOLDING, INC | 111 NEW SOUTH RD | HICKSVILLE NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | CABLEVISION-ALTICE | CSC HOLDING | 111 NEW SOUTH RD | HICKSVILLE NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | CABLEVISION-ALTICE | 111 NEW SOUTH RD COR | 111 NEW SOUTH RD | HICKSVILLE NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | CABLEVISION-ALTICE | CABLEVISION | 111 NEW SOUTH RD | HICKSVILLE NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | CABLEVISION-ALTICE | CABLEVISION | 111 NEW SOUTH RD | HICKSVILLE NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | CABLEVISION-ALTICE | CABLEVISION | 80 GRUMMAN RD | BETHPAGE NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | CABLEVISION-ALTICE | CSC HOLDINGS INC DBA | 198 GRUMMAN RD | BETHPAGE NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
|------------------|--------------------|-------------------------|----------------------|---------------------|-----------------|
| TELEPHONE CENTER | TELECOMMUNICATIONS | CABLEVISION-ALTICE | CABLEVISION SYSTEMS | 1101 STEWART AV | BETHPAGE NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | CABLEVISION-ALTICE | CABLEVISION SYSTEM | 1111 STEWART AV | BETHPAGE NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | CABLEVISION-ALTICE | CABLEVISION | 660 E JERICHO TPK | HUNT STA NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | CABLEVISION-ALTICE | CABLEVISION | 1070 E JERICHO TPK | HUNTINGTON NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | CABLEVISION-ALTICE | CABLEVISION | 8 CORP CNTR DR | MELVILLE NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | CABLEVISION-ALTICE | CABLEVISION | 1144 FARMINGDALE RD | LINDENHURST NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | CABLEVISION-ALTICE | L I CABLEVISION DIV | WILSON BLVD | CNTRL ISLIP NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | CABLEVISION-ALTICE | V CABLE INC | 1600 MOTOR PKY | HAUPPAUGE NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | CABLEVISION-ALTICE | CABLEVISION OF BROOK | MIDVALE AV | SELDEN NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | CABLEVISION-ALTICE | CABLEVISION OF BROOK | INDUSTRIAL RD | PT JEFF STA NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | CABLEVISION-ALTICE | CABLEVISION | 397 MIDDLE CNTRY RD | SMITHTOWN NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | CABLEVISION-ALTICE | CABLEVISION | 3608 ROUTE 112 | CORAM NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | CABLEVISION-ALTICE | CABLEVISION | FROWEIN RD | C MORICHES NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | CABLEVISION-ALTICE | LONG ISLAND CABLE | 201 OLD COUNTRY RD | RIVERHEAD NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | CABLEVISION-ALTICE | L I CABLEVISION | 254 ROUTE 58 | RIVERHEAD NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | CABLEVISION-ALTICE | CSC ACQUISITION-NY | CENTRAL BLVD | E QUOGUE NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | CABLEVISION-ALTICE | CSC HOLDINGS INC, CA | 1 LEECON CT | SOUTHAMPTON NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | CABLEVISION-ALTICE | CSC HOLDING INC, CAB | 1 LEECON CT | SOUTHAMPTON NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | CABLEVISION-ALTICE | CSC HOLDINGS INC DB | 1 LEECON CT | SOUTHAMPTON NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | CABLEVISION-ALTICE | SAMMONS COMM INC | SPRINGS FRPL RD | E HAMPTON NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | CABLEVISION-ALTICE | CABLEVISION SYS CORP | SPRNGS FRPL RD | E HAMPTON NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 216 BEACH 81ST ST | ROCKWY BCH NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 1311 BAYPORT PL | FAR ROCKWY NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 108 FRANKLIN PL | WOODMERE NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 7 WASHINGTON AV | LYNBROOK NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 140 W PARK ST | LONG BCH NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 3313 BETHPAGE TPK | LEVITTOWN NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 575 CONKLIN ST | FARMINGDALE NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 575 CONKLIN ST | FARMINGDALE NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 2020 JONES AV | WANTAGH NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | JONES BEACH | WANTAGH NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 5431 MERRICK RD | MASSAPEQUA NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 120 HICKSVILLE RD | MASSAPEQUA NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 120 HICKSVILLE RD | MASSAPEQUA NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 120 HICKSVILLE RD | MASSAPEQUA NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 88 IRA RD | SYOSSET NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 69 W CHERRY ST | HICKSVILLE NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 10 ADAMS ST | OYSTER BAY NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 790 OLD COUNTRY RD | PLAINVIEW NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
|------------------|--------------------|-------------------------|---------------|---------------------|-----------------|
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 741 ZECKENDORF BLVD | CARLE PLACE NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | VERIZON | 741 ZECKENDORF BLVD | GARDEN CITY NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 199 FULTON AV | HEMPSTEAD NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 30 MYRTLE ST | MANHASSET NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 35 PROSPECT AV | PT WASH NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 220 MAPLE AV | WESTBURY NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 60 MAIN ST | MINEOLA NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 159 LOWELL AV | FLORAL PARK NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 9 BARSTOW RD | GREAT NECK NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 277 WARNER AV | ROSLYN HGTS NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 14 CHARLES ST | GLEN COVE NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 50 W 4TH ST | HUNTINGTON NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 445 COMMACK RD | COMMACK NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 84 DURYEA RD | MELVILLE NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 565 S 2ND ST | LINDENHURST NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | LITTLE EAST NECK RD | BABYLON NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | GRAND BLVD | DEER PARK NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | GRAND BLVD | DEER PARK NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | VERIZON | GRAND BL | DEER PARK NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 35 4TH AV | BAY SHORE NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 1265 SUFFOLK AV | BRENTWOOD NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | OCEAN BCH WK | OCEAN BCH NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | NORTH COUNTRY RD | SETAUKET NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 30 SHEEP PASTURE RD | PT JEFFERSN NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 49 S BICYCLE PATH | SELDEN NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 55 MAPLE AV | SMITHTOWN NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 145 RAILROAD AV | SAYVILLE NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 22 BAY AV | PATCHOGUE NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 177 MADISON ST | MASTIC NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | YAPHNK MID IS RD | YAPHANK NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 140 GRIFFING AV | RIVERHEAD NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | ROUTE 25A | WADING RIV NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | SOUND AV | WADING RIV NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 31755 MAIN RD | CUTCHOGUE NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 14 BROOK RD | WHAMPT BCH NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 18 PONQUOGUE AV | HAMPT BAYS NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 55 WINDMILL LA | SOUTHAMPTON NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | SAG HARBOR TPK | SAG HARBOR NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 115 PANTIGO RD | E HAMPTON NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
|-------------------|----------------------------|-------------------------|----------------------|------------------------|-----------------|
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON | BELL ATLANTIC | 13 S EUCLID AV | MONTAUK NY |
| TELEPHONE CENTER | TELECOMMUNICATIONS | VERIZON WIRELESS | CELLULAR ONE | 100 NASSAU TERMINAL RD | NEW HYDE PK NY |
| WATER FILTER/PUMP | FEDERAL/STATE GOVT | NYS DEPT OF PARKS | JONES BCH STATE PARK | FIELD 5 SW VAULT | WANTAGH NY |
| WATER FILTER/PUMP | FEDERAL/STATE GOVT | NYS DEPT OF PARKS | JONES BCH STATE PARK | WELL 3 | WANTAGH NY |
| WATER FILTER/PUMP | FEDERAL/STATE GOVT | NYS DEPT OF PARKS | LI STATE PARK COMM | ROUND SWAMP RD | FARMINGDALE NY |
| WATER FILTER/PUMP | FEDERAL/STATE GOVT | NYS DEPT OF PARKS | LI STATE PARK COMM | E MAIN ST | GREAT RIVER NY |
| WATER FILTER/PUMP | FEDERAL/STATE GOVT | NYS DEPT OF PARKS | LI STATE PARK COMM | R MOSES PKY | KISMET NY |
| WATER FILTER/PUMP | FEDERAL/STATE GOVT | NYS DEPT OF PARKS | LI STATE PARK COMM | WADING RIV RD | CALVERTON NY |
| WATER FILTER/PUMP | FEDERAL/STATE GOVT | NYS DEPT OF PARKS | LI STATE PARK COMM | OLD MONTAUK HWY | MONTAUK NY |
| WATER FILTER/PUMP | FEDERAL/STATE GOVT | NYS DEPT OF PARKS | L I STATE PARK COMM | MONTAUK POINT RD | MONTAUK NY |
| WATER FILTER/PUMP | FEDERAL/STATE GOVT | NYS DEPT OF PARKS | L I STATE PARK COMM | MONTAUK PT ST BLVD | MONTAUK NY |
| WATER FILTER/PUMP | FEDERAL/STATE GOVT | NYS DEPT OF PARKS | LI STATE PARK COMM | FAIRVIEW AV | MONTAUK NY |
| WATER FILTER/PUMP | HEALTH SERVICES-HOSPITALS | SOUTHAMPTON HOSPITAL | SOUTHAMPTON HOSPITAL | WICKAPOGUE RD | SOUTHAMPTON NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | CITY OF GLEN COVE | CITY OF GLEN COVE | LEECH CIR N | GLEN COVE NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | CITY OF GLEN COVE | CITY OF GLEN COVE | ARTERIAL HWY | GLEN COVE NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | CITY OF GLEN COVE | CITY OF GLEN COVE | DUCK POND RD | GLEN COVE NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | CITY OF GLEN COVE | CITY OF GLEN COVE | MC LAUGHLIN ST | GLEN COVE NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | CITY OF GLEN COVE | CITY OF GLEN COVE | KELLY ST | GLEN COVE NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | CITY OF GLEN COVE | CITY OF GLEN COVE | SEAMAN RD | GLEN COVE NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | CITY OF GLEN COVE | CITY OF GLEN COVE | NANCY CT | GLEN COVE NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | CITY OF LONG BEACH | CITY OF LONG BEACH | 765 PARK PL | LONG BCH NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | CITY OF LONG BEACH | CITY OF LONG BEACH | LAFAYETTE BLVD | LONG BCH NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | NASSAU COUNTY | COUNTY OF NASSAU | SPAGNOLI RD | BETHPAGE NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFF COUNTY DPW | NEW YORK AV | MELVILLE NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFF COUNTY DPW | 219 RICHMOND AV | AMITYVILLE NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | PUMP STAT 10 SUFFOLK | WESTERN CONCRSE HWY | COPIAGUE NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFF COUNTY DPW | SAXON AV | BAY SHORE NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFF CTY DEPT OF PKS | TIMBER POINT | GREAT RIVER NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFFOLK COUNTY DPW | 1 COMPUTER ASSOC PLZ | ISLANDIA NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | PINE RD | CORAM NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFFOLK CNTY DPW | COBBLESTONE CT | MIDDLE IS NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUF CNTY DIV SAN DPW | PINE RD | CORAM NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
|-------------------|----------------------------|-------------------------|-------------------------|---------------------|-----------------|
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFFOLK DPW SANT DIV | HAYES LA | CORAM NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | S C PARK DEPT | MONTAUK HWY | W SAYVILLE NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFF COUNTY DPW | OLD NICHOLS RD | RONKONKOMA NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFFOLK COUNTY DPW | HICKORY HILL DR | HOLTSVILLE NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SC DPW - SANIT DIV | GATEWAY BLVD | PATCHOGUE NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SC DPW -SANIT DIV | GATEWAY BLVD | PATCHOGUE NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFFOLK COUNTY | PONDVIEW | E PATCHOGUE NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFF CTY DEPT OF PKS | RIVERSIDE DR | RIVERHEAD NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | SUFFOLK COUNTY | SUFF CTY DEPT OF PKS | RIVER RD | MANORVILLE NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF BROOKHAVEN | TOWN OF BROOKHAVEN | BUCKLEY RD ES | HOLTSVILLE NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF HEMPSTEAD | TOWN OF HEMP WATER | WANTAGH AV | BETHPAGE NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF HEMPSTEAD | TOWN OF HEMP WATER | BOWLING LA | LEVITTOWN NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF HEMPSTEAD | TOWN OF HEMP WATER | LORING RD | LEVITTOWN NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF HEMPSTEAD | TOWN OF HEMP WATER | IRIS PL | WESTBURY NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF HEMPSTEAD | TOWN OF HEMP WATER | CARMAN AV | E MEADOW NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF HEMPSTEAD | TOWH OF HEMPSTEAD | EAST MEADOW AV | E MEADOW NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF HEMPSTEAD | TOWN OF HEMP WATER DEPT | 1995 PROSPECT AV | E MEADOW NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF HEMPSTEAD | TOWN OF HEMP WATER | PROSPECT AV | E MEADOW NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF HEMPSTEAD | TOWN OF HEMP WATER | CYPRESS AV | E MEADOW NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF HEMPSTEAD | TOWN OF HEMP WATER | FRANKLIN AV | E MEADOW NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF HEMPSTEAD | TOWN OF HEMP WATER | DIBBLEE DR | GARDEN CITY NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF HEMPSTEAD | TOWN OF HEMP WATER | TOH RECYCLE PLNT | WESTBURY NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF HEMPSTEAD | TOWN OF HEMP WATER | 1500 STEWART AV | GARDEN CITY NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF HEMPSTEAD | TOWN OF HEMP WATER | MITCHELL ST | UNIONDALE NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF HEMPSTEAD | TOWN OF HEMP WATER | 1000 HEMPSTEAD BLVD | UNIONDALE NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF HUNTINGTON | TOWN OF HUNTINGTON | HILLWOOD DR | HUNTINGTON NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF HUNTINGTON | TOWN OF HUNTINGTON | BROMPTON PL | HUNTINGTON NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF HUNTINGTON | TOWN OF HUNTINGTON | FROG POND RD | HUNT STA NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF HUNTINGTON | DIX HILLS WATER DIST | OTSEGO AV | DIX HILLS NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
|-------------------|----------------------------|-------------------------|----------------------|---------------------|-----------------|
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF HUNTINGTON | DIX HILLS WATER DIST | CARLLS STR PATH | DIX HILLS NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF HUNTINGTON | DIX HILLS WATER DIST | RYDER AV | DIX HILLS NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF HUNTINGTON | DIX HILLS WATER DIST | VANDERBILT PKY | DIX HILLS NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF HUNTINGTON | DIX HILLS WATER DIST | COLBY DR | DIX HILLS NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF ISLIP | FAIR HARBOR WATER DT | BAY WK | FAIR HARBOR NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF RIVERHEAD | T O RIVERHEAD WATER | EDWARDS AV | CALVERTON NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF RIVERHEAD | RIVERHEAD SEWER DIST | ROUTE 58 | RIVERHEAD NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF RIVERHEAD | TOWN OF RIVERHEAD WA | 1596 NORTHVILLE TPK | RIVERHEAD NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF RIVERHEAD | TN OF RIVERHEAD-WTR | 4062 GRUMMAN BLVD | CALVERTON NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF RIVERHEAD | TOWN OF RIVERHEAD SE | GRUMMAN BLVD | CALVERTON NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF SHELTER ISLAND | TN OF SHELTER ISLAND | 47 S FERRY RD | SHELTER IS NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF SHELTER ISLAND | TN OF SHELTER ISLAND | NEW YORK AV | SHELTER IS NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF SMITHTOWN | TOWN OF SMITHTOWN | NEW HWY | COMMACK NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF SMITHTOWN | TOWN OF SMITHTOWN | LANDING AV | SMITHTOWN NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF SMITHTOWN | SMITHTOWN LANDING CC | 495 LANDING AV | SMITHTOWN NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF SMITHTOWN | TOWN OF SMITHTOWN | OLD NICHOLS RD | NESCONSET NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF SMITHTOWN | TN OF SMITHTOWN-MILL | 660 N COUNTRY RD | ST JAMES NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF SMITHTOWN | TOWN OF SMITHTOWN | BROWNS RD | NESCONSET NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF SOUTHAMPTON | T O SOUTHAMP BOARD O | SILVERBROOK DR | FLANDERS NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF SOUTHAMPTON | TOWN OF SOUTHAMPTON | BELLOWS POND RD | HAMPT BAYS NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF SOUTHAMPTON | TOWN OF SOUTHAMPTON | OLD RIVERHEAD RD | HAMPT BAYS NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF SOUTHAMPTON | HAMPT BAYS WTR DIST | OLD RIVERHEAD RD | HAMPT BAYS NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF SOUTHAMPTON | TOWN OF SOUTHAMPTON | PONQUOGUE AV | HAMPT BAYS NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF SOUTHAMPTON | TOWN OF SOUTHAMPTON | PONQUOGUE AV | HAMPT BAYS NY |
| WATER FILTER/PUMP | NAS/SUF COUNTY GOVT TWNSPS | TOWN OF SOUTHAMPTON | TOWN OF SOUTHAMPTON | PONQUOGUE AV | HAMPT BAYS NY |
| WATER FILTER/PUMP | NON-MANAGED | N/A | CITY OF LONG BEACH | PACIFIC BLVD | LONG BCH NY |
| WATER FILTER/PUMP | NON-MANAGED | N/A | CITY OF LONG BEACH | WATER ST | LONG BCH NY |
| WATER FILTER/PUMP | NON-MANAGED | N/A | CITY OF LONG BEACH | 415 PARK PL | LONG BCH NY |
| WATER FILTER/PUMP | NON-MANAGED | N/A | TOWN OF HEMP WATER | AZALEA LA | LEVITTOWN NY |
| WATER FILTER/PUMP | NON-MANAGED | N/A | TOWN OF HEMP WATER | WANTAGH AV | LEVITTOWN NY |
| WATER FILTER/PUMP | NON-MANAGED | N/A | MILL RIVER CLUB INC | MILL RIVER RD | OYSTER BAY NY |

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|-------------------|----------------|--------------------------|-----------------------------|----------------------|-----------------|
| WATER FILTER/PUMP | NON-MANAGED | N/A | HUNTINGTON CRESENT | WASHINGTON DR | HUNTINGTON NY |
| WATER FILTER/PUMP | NON-MANAGED | N/A | HUNTINGTON CRESCENT | RAINES RD | HUNTINGTON NY |
| WATER FILTER/PUMP | NON-MANAGED | N/A | DIX HILLS WATER DIST | ELKLAND RD | HUNTINGTON NY |
| WATER FILTER/PUMP | NON-MANAGED | N/A | TOWN OF ISLIP | BAYVIEW AV | E ISLIP NY |
| WATER FILTER/PUMP | NON-MANAGED | N/A | TOWN OF ISLIP PARK | FAWN DR | E ISLIP NY |
| WATER FILTER/PUMP | NON-MANAGED | N/A | CE PORT LLC | 120 W BROADWAY | PT JEFFERSN NY |
| WATER FILTER/PUMP | NON-MANAGED | N/A | TOWN OF SMITHTOWN | BROWNS RD | NESCONSET NY |
| WATER FILTER/PUMP | NON-MANAGED | N/A | SUNNY IMPERIAL FOOT SPA INC | 205 TERRY RD | HAUPPAUGE NY |
| WATER FILTER/PUMP | NON-MANAGED | N/A | BAYPORT AERODROME | THIRD ST | BAYPORT NY |
| WATER FILTER/PUMP | NON-MANAGED | N/A | TOWN OF RIVERHEAD | 1035 PULASKI ST | RIVERHEAD NY |
| WATER FILTER/PUMP | NON-MANAGED | N/A | TOWN OF RIVERHEAD | MIDDLE RD | RIVERHEAD NY |
| WATER FILTER/PUMP | NON-MANAGED | N/A | TOWN OF RIVERHEAD | MIDDLE COUNTRY RD | CALVERTON NY |
| WATER FILTER/PUMP | NON-MANAGED | N/A | TOWN OF RIVERHEAD | FRESH POND AV | CALVERTON NY |
| WATER FILTER/PUMP | NON-MANAGED | N/A | WADING RIV FIRE DIST | GERARD ST | WADING RIV NY |
| WATER FILTER/PUMP | NON-MANAGED | N/A | MECOX LANDING HMOWNR | BAY AV | WATER MILL NY |
| WATER FILTER/PUMP | NON-MANAGED | N/A | BRIDGE ST WATER CO | N FERRY RD | SHELTER IS NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF BABYLON | VILL OF BABYLON | CEDAR ST | BABYLON NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF BAYVILLE | INC VLG BAYVILLE | 34 SCHOOL ST | BAYVILLE NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF BAYVILLE | INC VLG OF BAYVILLE | W HARBOR DR | BAYVILLE NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF BAYVILLE | INC VIL OF BAYVILLE | GODFREY AV | BAYVILLE NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF CENTRE ISLAND | VIL OF CENTER ISLAND | 304 CENTRE ISLAND RD | OYSTER BAY NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF DERING HARBOR | VILL DERING HARBOR | YOCO RD | SHELTER IS NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF DERING HARBOR | VILL DERING HARBOR | YOCO RD | SHELTER IS NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF EAST HAMPTON | VILL OF EAST HAMPTON | JAMES LA | E HAMPTON NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF EAST HAMPTON | VILL OF EAST HAMPTON | NOELLE'S WAY | E HAMPTON NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF FARMINGDALE | VILL OF FARMINGDALE | EASTERN PKY | FARMINGDALE NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF FARMINGDALE | VILL OF FARMINGDALE | YOAKUM ST | FARMINGDALE NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF FLORAL PARK | MAPLE AV PUMP STATIO | CLOVER AV | FLORAL PARK NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF GARDEN CITY | VILL OF GARDEN CITY | CLINTON RD | GARDEN CITY NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF GARDEN CITY | VILL OF GARDEN CITY | CHERRY VALLEY AV | GARDEN CITY NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF GARDEN CITY | VILL OF GARDEN CITY | ROCKAWAY AV | GARDEN CITY NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF GARDEN CITY | VILL OF GARDEN CITY | 103 11TH ST | GARDEN CITY NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF GARDEN CITY | VILL OF GARDEN CITY | HILTON AV | GARDEN CITY NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
|-------------------|----------------|-------------------------|------------------------|-------------------|-----------------|
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF GARDEN CITY | VILL OF GARDEN CITY | EDGEMERE RD | GARDEN CITY NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF GARDEN CITY | VILL OF GARDEN CITY | EDGEMERE RD | GARDEN CITY NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF GREAT NECK | PARKWOOD ICE SKATING | 65 ARRANDALE AV | GREAT NECK NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF GREENPORT | VILLAGE OF GREENPORT | 1205 MAIN RD NS | GREENPORT NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF HEMPSTEAD | VILLAGE OF HEMPSTEAD | FRONT ST | HEMPSTEAD NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF HEMPSTEAD | VILLAGE OF HEMPSTEAD | 320 CLINTON ST | HEMPSTEAD NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF HEMPSTEAD | INC VILL OF HEMP | YALE ST | HEMPSTEAD NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF HEMPSTEAD | INC VILL OF HEMP WAT | W.H.L.I. LA | HEMPSTEAD NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF HEMPSTEAD | INC VILL OF HEMP | LINDEN AV | HEMPSTEAD NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF LAKE SUCCESS | VILL OF LAKE SUCCESS | 318 LAKEVILLE RD | L SUCCESS NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF LAWRENCE | LAWRENCE VILLAGE GLF | KENRIDGE RD | LAWRENCE NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF LAWRENCE | INC VILLAGE OF LAWRE | CAUSEWAY | LAWRENCE NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF MINEOLA | VILLAGE OF MINEOLA | EMORY RD | MINEOLA NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF MINEOLA | VILLAGE OF MINEOLA | WESTBURY AV | MINEOLA NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF MINEOLA | VILLAGE OF MINEOLA | ROSELLE ST | MINEOLA NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF MINEOLA | INC VILLAGE OF MINEOLA | 171 JERICHO TPK | MINEOLA NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF MINEOLA | VILLAGE OF MINEOLA | 167 ELM PL | MINEOLA NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF NORTH HILLS | INC VILL OF NO HILLS | I U WILLETS RD | NORTH HILLS NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF NORTHPORT | INC VILLAGE OF NORTH | OCEAN AV | NORTHPORT NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF OCEAN BEACH | INC VIL OF OCEAN BCH | COTTAGE WK | OCEAN BCH NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF OLD WESTBURY | VILL OF OLD WESTBURY | 223 STORE HILL RD | O WESTBURY NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF OLD WESTBURY | VILL OF OLD WESTBURY | JERICHO TPK | O WESTBURY NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF OLD WESTBURY | OLD WESTBURY WATER | POST RD | O WESTBURY NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF OLD WESTBURY | VILL OF OLD WESTBURY | 282 WHEATLEY RD | O WESTBURY NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF OLD WESTBURY | VILL OF OLD WESTBURY | 1 MORGAN DR | O WESTBURY NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF PATCHOGUE | VILLAGE OF PATCHOGUE | 170 E MAIN ST | PATCHOGUE NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF ROSLYN | VILLAGE OF ROSLYN | THE BIRCHES | ROSLYN NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF ROSLYN | VILLAGE OF ROSLYN | 25 THE LOCH | ROSLYN NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF SALTAIRE | INC VILL OF SALTAIRE | BEACON WK | SALTAIRE NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF SALTAIRE | INC VILL OF SALTAIRE | BEACON WK | SALTAIRE NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
|-------------------|-----------------|--------------------------------|----------------------------|------------------|-----------------|
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF SANDS POINT | VILL OF SANDS POINT | SOUTH RD | SANDS PT NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF SANDS POINT | VILL OF SANDS POINT | VILLAGE LA | SANDS PT NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF SANDS POINT | VLG CLUB OF SANDS PT | ASTOR LA | SANDS PT NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF SANDS POINT | VILL OF SANDS POINT | MIDDLE NECK RD | SANDS PT NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF SANDS POINT | VILL OF SANDS POINT | ROUND HILL LA | SANDS PT NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF SANDS POINT | INC VILLAGE OF SANDSPT | 26 TIBBITS LA | SANDS PT NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF SOUTHAMPTON | VILLAGE OF SOUTHAMPT | RAILROAD PLZ | SOUTHAMPTON NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF VALLEY STREAM | INC VILL VALLEY STRM | HOLLAND CT | VALLEY STRM NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF WILLISTON PARK | VILL WILLISTON PARK | NASSAU BLVD | WILLISTN PK NY |
| WATER FILTER/PUMP | VILLAGES | VILLAGE OF WILLISTON PARK | VILL WILLISTON PARK | WILLIAM ST | WILLISTN PK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | ALBERTSON WATER DISTRICT | ALBERTSON WATER DIST | SHEPHERD LA | ROSLYN HGTS NY |
| WATER FILTER/PUMP | WATER DISTRICTS | ALBERTSON WATER DISTRICT | ALBERTSON WATER DIST | SHEPHERD LA | ROSLYN HGTS NY |
| WATER FILTER/PUMP | WATER DISTRICTS | ALBERTSON WATER DISTRICT | ALBERTSON WATER DIST | 184 SHEPHERD LA | ROSLYN HGTS NY |
| WATER FILTER/PUMP | WATER DISTRICTS | ALBERTSON WATER DISTRICT | ALBERTSON WATER DIST | HOLLOW CT | ALBERTSON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | ALBERTSON WATER DISTRICT | ALBERTSON WATER DIST | STEPHEN LA | ROSLYN HGTS NY |
| WATER FILTER/PUMP | WATER DISTRICTS | BETHPAGE WATER DISTRICT | BETHPAGE WATER DIST | GRUMMAN RD W | BETHPAGE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | BETHPAGE WATER DISTRICT | BETHPAGE WATER DIST | PLAINVIEW RD | BETHPAGE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | BETHPAGE WATER DISTRICT | BETHPAGE WATER DISTR | S PARK DR | O BETHPAGE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | BETHPAGE WATER DISTRICT | BETHPAGE WATER DIST WELL 7 | 25 ADAMS AV | BETHPAGE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | BETHPAGE WATER DISTRICT | BETHPAGE WATER DIST | BROADWAY | BETHPAGE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | BETHPAGE WATER DISTRICT | BETHPAGE WATER DIST | SOPHIA ST | BETHPAGE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | BETHPAGE WATER DISTRICT | BETHPAGE WATER DIST | PARK LA | BETHPAGE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | CARLE PLACE WATER DISTRICT | CARLE PL WATER DIST | TERRACE DR | CARLE PLACE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | CARLE PLACE WATER DISTRICT | CARLE PL WATER DIST | 578 MINEOLA AV | CARLE PLACE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | CARLE PLACE WATER DISTRICT | CARLE PL WATER DIST | 355 CARLE RD | CARLE PLACE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | CARLE PLACE WATER DISTRICT | CARLE PL WATER DIST | MARGINAL RD | CARLE PLACE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | FRANKLIN SQUARE WATER DISTRICT | FR SQ WATER DIST | THEODORA ST | FRANKLIN SQ NY |
| WATER FILTER/PUMP | WATER DISTRICTS | FRANKLIN SQUARE WATER DISTRICT | FR SQ WATER DIST | ARLINGTON AV | FRANKLIN SQ NY |
| WATER FILTER/PUMP | WATER DISTRICTS | FRANKLIN SQUARE WATER DISTRICT | FR SQUARE WATER DIST | 895 SCHROETER ST | FRANKLIN SQ NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
|-------------------|-----------------|---------------------------------|------------------------|----------------------|-----------------|
| WATER FILTER/PUMP | WATER DISTRICTS | FRANKLIN SQUARE WATER DISTRICT | FRANKLIN SQUARE | COURTHOUSE RD | FRANKLIN SQ NY |
| WATER FILTER/PUMP | WATER DISTRICTS | FRANKLIN SQUARE WATER DISTRICT | FRANKLN SQ WATER | 895 SCHROETER ST | FRANKLIN SQ NY |
| WATER FILTER/PUMP | WATER DISTRICTS | GARDEN CITY PARK WATER DISTRICT | GARDEN CITY PK FIRE | 2264 JERICHO TPK | GDN CITY PK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | GARDEN CITY PARK WATER DISTRICT | GARDEN CTY PK WATER | COUNTY CT HSE RD | GDN CITY PK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | GARDEN CITY PARK WATER DISTRICT | GRDN CTY PK FR DIST | 7TH AV | GDN CITY PK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | GARDEN CITY PARK WATER DISTRICT | GARDEN CTY PK WATER | DENTON AV | GDN CITY PK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | GARDEN CITY PARK WATER DISTRICT | GARDEN CTY PK WATER | MARCUS AV | NEW HYDE PK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | GARDEN CITY PARK WATER DISTRICT | GARDEN CTY PK WATER | HERRICKS RD | NEW HYDE PK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | GARDEN CITY PARK WATER DISTRICT | GDN CITY PK WATER DIST | SHELTER ROCK RD | NEW HYDE PK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | GARDEN CITY PARK WATER DISTRICT | GARDEN CTY PK WATER | 417 OLD COURT HSE RD | NEW HYDE PK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | GARDEN CITY PARK WATER DISTRICT | GARDEN CTY PK WATER | 1050 DENTON AV | GDN CITY PK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | GARDEN CITY PARK WATER DISTRICT | GARDEN CTY PK WATER | DENTON AV | GDN CITY PK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | GARDEN CITY PARK WATER DISTRICT | GDN CITY WATER DIST | LINKS DR | NORTH HILLS NY |
| WATER FILTER/PUMP | WATER DISTRICTS | GLENWOOD WATER DISTRICT | GLENWOOD WATER DIST | MOTTS COVE RD N | ROSLYN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | GREENLAWN WATER DISTRICT | GREENLAWN WATER DIST | BUTTERCUP LA | HUNTINGTON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | GREENLAWN WATER DISTRICT | GREENLAWN WATER DIST | 45 RAILROAD ST | GREENLAWN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | GREENLAWN WATER DISTRICT | GREENLAWN WATER DIST | ALVORD CT | GREENLAWN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | GREENLAWN WATER DISTRICT | GREENLAWN WATER DIST | PULASKI RD | GREENLAWN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | GREENLAWN WATER DISTRICT | GREENLAWN WATER DIST | MANOR RD | GREENLAWN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | GREENLAWN WATER DISTRICT | GREENLAWN WATER DIST | CUBA HILL RD | GREENLAWN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | GREENLAWN WATER DISTRICT | GREENLAWN WATER DIST | CLAY PITTS RD | GREENLAWN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | GREENLAWN WATER DISTRICT | GREENLAWN WATER DIST | DANVILLE RD | GREENLAWN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | GREENLAWN WATER DISTRICT | GREENLAWN WATER DIST | JERICHO TPK | ELWOOD NY |
| WATER FILTER/PUMP | WATER DISTRICTS | GREENLAWN WATER DISTRICT | GREENLAWN WATER DIST | ELMO CT | ELWOOD NY |
| WATER FILTER/PUMP | WATER DISTRICTS | GREENLAWN WATER DISTRICT | GREENLAWN WTR DIST | SOEOC LARKFIELD RD | COMMACK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | GREENLAWN WATER DISTRICT | GREENLAWN WTR DIST | HUNTSMAN LA | COMMACK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | GREENLAWN WATER DISTRICT | GREENLAWN WATER DIST | BURR RD | COMMACK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | HICKSVILLE WATER DISTRICT | HICKSVILLE WATER DIS | STEWART AV | HICKSVILLE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | HICKSVILLE WATER DISTRICT | HICKSVILLE WATER DIS | NEWBRIDGE RD | HICKSVILLE NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| WATER FILTER/PUMP | WATER DISTRICTS | HICKSVILLE WATER DISTRICT | HICKSVILLE WATER DIS | JERUSALEM AV | HICKSVILLE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | HICKSVILLE WATER DISTRICT | HICKSVILLE WATER DIS | 4 DEAN ST | HICKSVILLE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | HICKSVILLE WATER DISTRICT | HICKSVILLE WATER DIS | ALICIA ST | HICKSVILLE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | HICKSVILLE WATER DISTRICT | HICKSVILLE WATER | PLAINVIEW RD | HICKSVILLE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | HICKSVILLE WATER DISTRICT | HICKSVILLE WATER DIS | W BARCLAY ST | HICKSVILLE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | HICKSVILLE WATER DISTRICT | HICKSVILLE WATER DIS | MILLER PL&INGRAM DR | HICKSVILLE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | HICKSVILLE WATER DISTRICT | HICKSVILLE WATER DIS | 85 BETHPAGE RD | HICKSVILLE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | HICKSVILLE WATER DISTRICT | HICKSVILLE WATER DIS | KUHL AV | HICKSVILLE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | JERICHO WATER DISTRICT | JERICHO WATER DIST | JERICHO TPK | JERICHO NY |
| WATER FILTER/PUMP | WATER DISTRICTS | JERICHO WATER DISTRICT | JERICHO WATER DIST | TOBIE LA | JERICHO NY |
| WATER FILTER/PUMP | WATER DISTRICTS | JERICHO WATER DISTRICT | JERICHO WATER DIST | ROUTE 106 | JERICHO NY |
| WATER FILTER/PUMP | WATER DISTRICTS | JERICHO WATER DISTRICT | JERICHO WATER DIST | PINE DR | SYOSSET NY |
| WATER FILTER/PUMP | WATER DISTRICTS | JERICHO WATER DISTRICT | JERICHO WATER DIST | 125 CONVENT RD | SYOSSET NY |
| WATER FILTER/PUMP | WATER DISTRICTS | JERICHO WATER DISTRICT | JERICHO WATER DIST | 125 CONVENT RD | SYOSSET NY |
| WATER FILTER/PUMP | WATER DISTRICTS | JERICHO WATER DISTRICT | JERICHO WATER DIST | SPLIT ROCK RD | SYOSSET NY |
| WATER FILTER/PUMP | WATER DISTRICTS | JERICHO WATER DISTRICT | JERICHO WATER DIST | SPLIT ROCK RD | SYOSSET NY |
| WATER FILTER/PUMP | WATER DISTRICTS | JERICHO WATER DISTRICT | JERICHO WATER DIST | VELSOR STILLWELL RD | WOODBURY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | JERICHO WATER DISTRICT | JERICHO WATER DIST | COLD SPRING RD | SYOSSET NY |
| WATER FILTER/PUMP | WATER DISTRICTS | JERICHO WATER DISTRICT | JERICHO WATER DIST | KIRBYS LA WS | JERICHO NY |
| WATER FILTER/PUMP | WATER DISTRICTS | JERICHO WATER DISTRICT | JERICHO WATER DIST | 36 KIRBY LA | SYOSSET NY |
| WATER FILTER/PUMP | WATER DISTRICTS | JERICHO WATER DISTRICT | JERICHO WATER DIST | ROUTE 106 | SYOSSET NY |
| WATER FILTER/PUMP | WATER DISTRICTS | JERICHO WATER DISTRICT | JERICHO WATER DIST | JER OYSTER BAY RD | SYOSSET NY |
| WATER FILTER/PUMP | WATER DISTRICTS | JERICHO WATER DISTRICT | JERICHO WATER DIST | WHEATLEY RD | GLEN HEAD NY |
| WATER FILTER/PUMP | WATER DISTRICTS | JERICHO WATER DISTRICT | JERICHO WATER DIST | SUNNYSIDE BLVD | WOODBURY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | JERICHO WATER DISTRICT | JERICHO WATER DIST | JUNEAU BLVD | WOODBURY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | JERICHO WATER DISTRICT | JERICHO WATER DIST | ORCHARD DR | WOODBURY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | JERICHO WATER DISTRICT | JERICHO WATER DIST | JERICHO TPK | WOODBURY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | JERICHO WATER DISTRICT | JERICHO WATER DIST | GLEN COVE RD | GLEN HEAD NY |
| WATER FILTER/PUMP | WATER DISTRICTS | JERICHO WATER DISTRICT | JERICHO WATER DIST | MOTTS COVE RD | GLEN HEAD NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
|-------------------|-----------------|--|----------------------|--------------------|-----------------|
| WATER FILTER/PUMP | WATER DISTRICTS | LOCUST VALLEY WATER DISTRICT | LOCUST VALLEY WATER | BUCKRAM RD | LOCUST VLY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | LOCUST VALLEY WATER DISTRICT | LOCUST VALLEY WATER | BUCKRAM RD | LOCUST VLY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | LOCUST VALLEY WATER DISTRICT | LOCUST VALLEY WATER | BUCKRAM RD | LOCUST VLY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | LOCUST VALLEY WATER DISTRICT | LOCUST VALLEY WATER | BUCKRAM RD | LOCUST VLY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | LOCUST VALLEY WATER DISTRICT | LOCUST VALLEY WATER | 10TH ST | LOCUST VLY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | LOCUST VALLEY WATER DISTRICT | LOCUST VALLEY WTR D | DUCK POND RD | LOCUST VLY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | LOCUST VALLEY WATER DISTRICT | LOCUST VALLEY WTR D | DUCK POND RD | LOCUST VLY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | LOCUST VALLEY WATER DISTRICT | LOCUST VALLEY WTR D | BAYVILLE RD | LOCUST VLY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | LOCUST VALLEY WATER DISTRICT | LOCUST VALLEY WATER | 49 HORSE HOLLOW RD | LOCUST VLY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | LONG ISLAND WATER CORPORATION-AMERICAN WATER | LONG IS WATER CORP | TANGLEWOOD RD | ROCKVLE CTR NY |
| WATER FILTER/PUMP | WATER DISTRICTS | LONG ISLAND WATER CORPORATION-AMERICAN WATER | LONG IS WATER CORP | LAKEVIEW AV | ROCKVLE CTR NY |
| WATER FILTER/PUMP | WATER DISTRICTS | LONG ISLAND WATER CORPORATION-AMERICAN WATER | LONG IS WATER CORP | CLEVELAND ST | W HEMPSTEAD NY |
| WATER FILTER/PUMP | WATER DISTRICTS | LONG ISLAND WATER CORPORATION-AMERICAN WATER | LONG IS WATER CORP | BAYVIEW AV | INWOOD NY |
| WATER FILTER/PUMP | WATER DISTRICTS | LONG ISLAND WATER CORPORATION-AMERICAN WATER | LONG IS WATER CORP | STARFIRE CT | HEWLETT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | LONG ISLAND WATER CORPORATION-AMERICAN WATER | LONG ISLAND WATER CO | 151 WASHINGTON AV | VALLEY STRM NY |
| WATER FILTER/PUMP | WATER DISTRICTS | LONG ISLAND WATER CORPORATION-AMERICAN WATER | LONG IS WATER CORP | TERRACE PL | VALLEY STRM NY |
| WATER FILTER/PUMP | WATER DISTRICTS | LONG ISLAND WATER CORPORATION-AMERICAN WATER | LONG IS WATER CORP | HENDRICKSON AV | VALLEY STRM NY |
| WATER FILTER/PUMP | WATER DISTRICTS | LONG ISLAND WATER CORPORATION-AMERICAN WATER | LONG IS WATER CORP | WHITEHALL ST | LYNBROOK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | LONG ISLAND WATER CORPORATION-AMERICAN WATER | LONG IS WATER CORP | HORTON AV | LYNBROOK NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
|-------------------|-----------------|--|---------------------|-----------------|-----------------|
| WATER FILTER/PUMP | WATER DISTRICTS | LONG ISLAND WATER CORPORATION-AMERICAN WATER | LONG IS WATER CORP | WRIGHT AV | LYNBROOK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | LONG ISLAND WATER CORPORATION-AMERICAN WATER | L I WATER CORP | 10 FRANKLIN AV | MALVERNE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | LONG ISLAND WATER CORPORATION-AMERICAN WATER | LONG IS WATER CORP | 555 CORNWELL AV | MALVERNE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | LONG ISLAND WATER CORPORATION-AMERICAN WATER | LONG IS WATER CORP | DARTMOUTH ST | BALDWIN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | LONG ISLAND WATER CORPORATION-AMERICAN WATER | LONG IS WATER CORP | GROVE ST | BALDWIN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | LONG ISLAND WATER CORPORATION-AMERICAN WATER | LONG IS WATER CORP | 915 SEAMAN AV | BALDWIN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | LONG ISLAND WATER CORPORATION-AMERICAN WATER | LONG IS WATER CORP | WHITEHOUSE AV | ROOSEVELT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | LONG ISLAND WATER CORPORATION-AMERICAN WATER | LONG IS WATER CORP | DECATUR ST | ROOSEVELT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | LONG ISLAND WATER CORPORATION-AMERICAN WATER | LONG IS WATER CORP | ANDERSON AV | OCEANSIDE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | LONG ISLAND WATER CORPORATION-AMERICAN WATER | LONG IS WATER CORP | LAWSON BLVD | OCEANSIDE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | LONG ISLAND WATER CORPORATION-AMERICAN WATER | LONG IS WATER CORP | BEECH ST | ATLNTIC BCH NY |
| WATER FILTER/PUMP | WATER DISTRICTS | MANHASSET LAKEVILLE WATER DIST | MANHASSET LAKEVILLE | SEARINGTOWN RD | MANHASSET NY |
| WATER FILTER/PUMP | WATER DISTRICTS | MANHASSET LAKEVILLE WATER DIST | MANHASSET LAKEVILLE | COMMUNITY DR | MANHASSET NY |
| WATER FILTER/PUMP | WATER DISTRICTS | MANHASSET LAKEVILLE WATER DIST | MANHASSET LAKEVILLE | CUMBERLAND AV | GREAT NECK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | MANHASSET LAKEVILLE WATER DIST | MANHASSET LAKEVILLE | TANNERS RD | L SUCCESS NY |
| WATER FILTER/PUMP | WATER DISTRICTS | MANHASSET LAKEVILLE WATER DIST | MANHASSET LAKEVILLE | POWERHOUSE RD | MANHASSET NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| WATER FILTER/PUMP | WATER DISTRICTS | MANHASSET LAKEVILLE WATER DIST | MANHASSET LAKEVILLE | POWERHOUSE RD | MANHASSET NY |
| WATER FILTER/PUMP | WATER DISTRICTS | MANHASSET LAKEVILLE WATER DIST | MANHASSET-LAKEVILLE | TIFFANY CIR | NORTH HILLS NY |
| WATER FILTER/PUMP | WATER DISTRICTS | MANHASSET LAKEVILLE WATER DIST | MANHASSET-LAKEVILLE | SHELTER ROCK RD | MANHASSET NY |
| WATER FILTER/PUMP | WATER DISTRICTS | MANHASSET LAKEVILLE WATER DIST | MANHASSET LAKEVILLE | SHELTER ROCK RD | NORTH HILLS NY |
| WATER FILTER/PUMP | WATER DISTRICTS | MANHASSET LAKEVILLE WATER DIST | MANHASSET LAKEVILLE | SHELTER ROCK RD | MANHASSET NY |
| WATER FILTER/PUMP | WATER DISTRICTS | MANHASSET LAKEVILLE WATER DIST | MANHASSET LAKEVILLE | DOGWOOD LA | MANHASSET NY |
| WATER FILTER/PUMP | WATER DISTRICTS | MANHASSET LAKEVILLE WATER DIST | MANHASSET LAKEVILLE | 170 E SHORE RD | MANHASSET NY |
| WATER FILTER/PUMP | WATER DISTRICTS | MASSAPEQUA WATER DISTRICT | MASSAPEQUA WATER DIS | 84 GRAND AV | MASSAPEQUA NY |
| WATER FILTER/PUMP | WATER DISTRICTS | MASSAPEQUA WATER DISTRICT | MASSAPEQUA WATER | ONTARIO AV | MASSAPEQUA NY |
| WATER FILTER/PUMP | WATER DISTRICTS | MASSAPEQUA WATER DISTRICT | MASSAPEQUA WATER | NEW YORK AV | MASSAPEQUA NY |
| WATER FILTER/PUMP | WATER DISTRICTS | MASSAPEQUA WATER DISTRICT | MASSAPEQUA WATER | BROOKLYN AV | MASSAPEQUA NY |
| WATER FILTER/PUMP | WATER DISTRICTS | MASSAPEQUA WATER DISTRICT | MASSAPEQUA WATER DIS | SUNRISE HWY | MASSAPEQUA NY |
| WATER FILTER/PUMP | WATER DISTRICTS | MASSAPEQUA WATER DISTRICT | MASSAPEQUA WATER | MAY PL | MASS PK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | MASSAPEQUA WATER DISTRICT | MASSAPEQUA WATER | MASSAPEQUA AV | MASS PK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | MASSAPEQUA WATER DISTRICT | MASSAPEQUA WATER | MARYLAND AV | MASS PK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | MASSAPEQUA WATER DISTRICT | MASSAPEQUA WATER | MARYLAND AV | MASS PK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | NEW YORK WATER SERVICE-AQUA WATER | N Y WATER SERVICE | SEAMAN NECK RD | SEAFORD NY |
| WATER FILTER/PUMP | WATER DISTRICTS | NEW YORK WATER SERVICE-AQUA WATER | N Y WATER SERVICE | E0S NEWBRIDGE RD | N BELLMORE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | NEW YORK WATER SERVICE-AQUA WATER | N Y WATER SERVICE | NEWBRIDGE RD | BELLMORE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | NEW YORK WATER SERVICE-AQUA WATER | N Y WATER SERVICE | SHERMAN AV | MERRICK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | NEW YORK WATER SERVICE-AQUA WATER | N Y WATER SERVICE | 60 BROOKLYN AV | MERRICK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | NEW YORK WATER SERVICE-AQUA WATER | N Y WATER SERVICE | BERNARD ST | MERRICK NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
|-------------------|-----------------|-----------------------------------|----------------------|----------------------------|-----------------|
| WATER FILTER/PUMP | WATER DISTRICTS | NEW YORK WATER SERVICE-AQUA WATER | N Y WATER SERVICE | CHARLES ST | MERRICK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | NEW YORK WATER SERVICE-AQUA WATER | N Y WATER SERVICE | DEMOTT AV | WANTAGH NY |
| WATER FILTER/PUMP | WATER DISTRICTS | NEW YORK WATER SERVICE-AQUA WATER | N Y WATER SERVICE | JERUSALEM AV | WANTAGH NY |
| WATER FILTER/PUMP | WATER DISTRICTS | NEW YORK WATER SERVICE-AQUA WATER | NY WATER SERVICE | OLD MILL RD | WANTAGH NY |
| WATER FILTER/PUMP | WATER DISTRICTS | NEW YORK WATER SERVICE-AQUA WATER | NEW YORK WATER SERV | NORTHGATE RD | MASSAPEQUA NY |
| WATER FILTER/PUMP | WATER DISTRICTS | NEW YORK WATER SERVICE-AQUA WATER | N Y WATER SERVICE | EAST GATE RD | MASS PK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | NEW YORK WATER SERVICE-AQUA WATER | N Y WATER SERVICE | DOVER ST | MASSAPEQUA NY |
| WATER FILTER/PUMP | WATER DISTRICTS | NEW YORK WATER SERVICE-AQUA WATER | NY AMERICAN WATER | W BCH PATH&SOUNDVIEW RD | OYSTER BAY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | OYSTER BAY WATER DISTRICT | OYSTER BAY WATER DIS | 45 AUDREY AV | OYSTER BAY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | OYSTER BAY WATER DISTRICT | OYSTER BAY WTR DIST | 1051 W SHORE RD | OYSTER BAY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | OYSTER BAY WATER DISTRICT | OYSTER BAY WATER DIS | SINGWORTH ST | OYSTER BAY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | OYSTER BAY WATER DISTRICT | OYSTER BAY WATER DIS | BERRY HILL RD | OYSTER BAY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | OYSTER BAY WATER DISTRICT | OYSTER BAY WATER DIS | SCHOOLHOUSE PL | OYSTER BAY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | OYSTER BAY WATER DISTRICT | OYSTER BAY WATER | BERRY HILL RD | OYSTER BAY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | OYSTER BAY WATER DISTRICT | OYSTER BAY WATER DIS | BERRY HILL RD | OYSTER BAY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | OYSTER BAY WATER DISTRICT | OYSTER BAY WATER | 4 SHUTTER LA | OYSTER BAY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | PLAINVIEW WATER DISTRICT | PLAINVIEW WATER DIST | WINDNG PNT WOODS RD | BETHPAGE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | PLAINVIEW WATER DISTRICT | PLAINVIEW WATER DIST | WASHINGTON AV | PLAINVIEW NY |
| WATER FILTER/PUMP | WATER DISTRICTS | PLAINVIEW WATER DISTRICT | PLAINVIEW WATER DIST | DONNA DR | PLAINVIEW NY |
| WATER FILTER/PUMP | WATER DISTRICTS | PLAINVIEW WATER DISTRICT | PLAINVIEW WATER DIST | 10 MANETTO HILL RD | PLAINVIEW NY |
| WATER FILTER/PUMP | WATER DISTRICTS | PLAINVIEW WATER DISTRICT | PLAINVIEW WATER DIST | 121 ORCHARD ST | PLAINVIEW NY |
| WATER FILTER/PUMP | WATER DISTRICTS | PLAINVIEW WATER DISTRICT | PLAINVIEW WATER DIST | SOUTHERN PKY | PLAINVIEW NY |
| WATER FILTER/PUMP | WATER DISTRICTS | PLAINVIEW WATER DISTRICT | PLNVW WATER DIST | MANETTO HILL RD | PLAINVIEW NY |
| WATER FILTER/PUMP | WATER DISTRICTS | PT WASHINGTON WATER DISTRICT | PT WASH WATER DIST | EMERSON CT | PT WASH NY |
| WATER FILTER/PUMP | WATER DISTRICTS | PT WASHINGTON WATER DISTRICT | PT WASH WATER DIST | NEULIST AV | PT WASH NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| WATER FILTER/PUMP | WATER DISTRICTS | PT WASHINGTON WATER DISTRICT | PT WASHINGTON WATER | SEARINGTOWN RD | NORTH HILLS NY |
| WATER FILTER/PUMP | WATER DISTRICTS | PT WASHINGTON WATER DISTRICT | PT WASHINGTON WATER | BIRCHDALE LA | MANHASSET NY |
| WATER FILTER/PUMP | WATER DISTRICTS | PT WASHINGTON WATER DISTRICT | PT WASHINGTON WATER | STONEYTOWN RD | PT WASH NY |
| WATER FILTER/PUMP | WATER DISTRICTS | ROSLYN WATER DISTRICT | ROSLYN WATER DIST | DIANAS TRL | ROSLYN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | ROSLYN WATER DISTRICT | ROSLYN WATER DIST | MINEOLA AV | ROSLYN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | ROSLYN WATER DISTRICT | ROSLYN WATER DIST | GLEN COVE RD | ROSLYN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | ROSLYN WATER DISTRICT | ROSLYN WATER DIST | REDWOOD DR | ROSLYN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | ROSLYN WATER DISTRICT | ROSLYN WATER DIST | BIRCH DR | ROSLYN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | ROSLYN WATER DISTRICT | ROSLYN WATER DIST | SYCAMORE DR | ROSLYN HGTS NY |
| WATER FILTER/PUMP | WATER DISTRICTS | ROSLYN WATER DISTRICT | ROSLYN WATER DIST | LOCUST LA | ROSLYN HGTS NY |
| WATER FILTER/PUMP | WATER DISTRICTS | ROSLYN WATER DISTRICT | ROSLYN WATER DIST | PARTRIDGE DR | ROSLYN HGTS NY |
| WATER FILTER/PUMP | WATER DISTRICTS | ROSLYN WATER DISTRICT | ROSLYN WATER DIST | TARA DR | ROSLYN HGTS NY |
| WATER FILTER/PUMP | WATER DISTRICTS | ROSLYN WATER DISTRICT | ROSLYN WATER DIST | 24 W SHORE RD | ROSLYN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SEA CLIFF WATER COMPANY | SEA CLIFF WATER CO | 10TH AV | SEA CLIFF NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SEA CLIFF WATER COMPANY | SEA CLIFF WATER CO | 325 PROSPECT AV | SEA CLIFF NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SEA CLIFF WATER COMPANY | SEA CLIFF WATER CO | LAUREL AV | SEA CLIFF NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SOUTH FARMINGDALE WATER DISTRICT | SO FARMINGDALE WATER | HEISSER LA | FARMINGDALE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SOUTH FARMINGDALE WATER DISTRICT | SO FARMINGDALE WATER | LOURAE DR | MASSAPEQUA NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SOUTH FARMINGDALE WATER DISTRICT | SO FARMINGDALE WATER | LINDEN ST | MASSAPEQUA NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SOUTH FARMINGDALE WATER DISTRICT | SO FARMINGDALE WATER | HICKSVILLE RD | N MASSAPQUA NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SOUTH FARMINGDALE WATER DISTRICT | SO FARMINGDALE WATER | HICKSVILLE RD | N MASSAPQUA NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SOUTH FARMINGDALE WATER DISTRICT | SO FARMINGDALE WATER | 40 LANGDON RD | S FARMNGDLE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SOUTH HUNTINGTON WATER DISTRICT | SO HUNT WATER DIST | 17TH ST | HUNTINGTON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SOUTH HUNTINGTON WATER DISTRICT | SO HUNT WATER DIST | WHITSON RD | HUNT STA NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SOUTH HUNTINGTON WATER DISTRICT | SO HUNT WATER DIST | 5TH AV | HUNT STA NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| WATER FILTER/PUMP | WATER DISTRICTS | SOUTH HUNTINGTON WATER DISTRICT | SO HUNT WATER DIST | LEDGEWOOD DR | HUNTINGTON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SOUTH HUNTINGTON WATER DISTRICT | SO HUNT WATER DIST | OAKWOOD RD | HUNTINGTON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SOUTH HUNTINGTON WATER DISTRICT | SO HUNT WATER DIST | AMITYVILLE RD | HUNT STA NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SOUTH HUNTINGTON WATER DISTRICT | SO HUNT WATER DIST | WOLF HILL RD | HUNT STA NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SOUTH HUNTINGTON WATER DISTRICT | SO HUNT WATER DIST | DOWNS RD | HUNT STA NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SOUTH HUNTINGTON WATER DISTRICT | SO HUNT WATER DIST | RESERVOIR RD | HUNT STA NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SOUTH HUNTINGTON WATER DISTRICT | SO HUNT WATER DIST | RESERVOIR RD | HUNT STA NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SOUTH HUNTINGTON WATER DISTRICT | SO HUNT WATER DIST | LARKIN ST | HUNT STA NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SOUTH HUNTINGTON WATER DISTRICT | SO HUNT WATER DIST | OLD SOUTH PATH | MELVILLE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SOUTH HUNTINGTON WATER DISTRICT | SOUTH HUNTINGTON WAT | RIVENDELL CT | MELVILLE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SOUTH HUNTINGTON WATER DISTRICT | SOUTH HUNTINGTON | MOUNT MISERY RD | HUNTINGTON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SOUTH HUNTINGTON WATER DISTRICT | SO HUNT WATER | E MALL DR | MELVILLE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SOUTH HUNTINGTON WATER DISTRICT | SO HUNT WATER DIST | APEX RD | MELVILLE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SOUTH HUNTINGTON WATER DISTRICT | SO HUNTINGTON WATER | COTTONTAIL RD | MELVILLE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | HARBOR RD | C SPRNG HBR NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFFOLK COUNTY WATER | 298 LAWRENCE HILL RD | C SPRNG HBR NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH T K | OAKWOOD RD | HUNTINGTON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | WOODCHUCK HOLLOW RD | HUNTINGTON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | FLOWER HILL RD | HALESITE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C W A | GLENVIEW PL | HALESITE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | MILL LA | HUNTINGTON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | 133 SPRING RD | HUNTINGTON NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | MAYFAIR DR | HUNTINGTON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | ARNOLD DR | HUNTINGTON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | HOLLYWOOD PL | HUNTINGTON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SCWA | TOWER ST | HUNT STA NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | MCKAY RD | HUNT STA NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | BROADWAY | HUNTINGTON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | MEADE DR | CENTERPORT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | DOUGLAS AV | NORTHPORT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CNTY WATER AUTH | 21 MCKINNEY AV | NORTHPORT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | CHURCH ST | NORTHPORT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | RESERVOIR AV | NORTHPORT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | WASHINGTON ST | NORTHPORT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | LAUREL HILL RD | GREENLAWN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | GREENLAWN WATER DIST | ELWOOD RD | HUNTINGTON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | BELLE ROSE AV | E NORTHPORT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFFOLK COUNTY WATER | DALY RD | E NORTHPORT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | S SPUR RD | E NORTHPORT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | WEST NECK RD | LLOYD HBR NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | JENNINGS RD | LLOYD HBR NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFFOLK COUNTY WATER | 53B EATONS NECK RD | HUNTINGTON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | MIDDLEVILLE RD | NORTHPORT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFFOLK COUNTY WATER | WAYNE CT | NORTHPORT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | GUN CLUB RD | E NORTHPORT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | WATERSIDE AV | NORTHPORT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | DIX HILLS WATER DIST | WOLF HILL RD | DIX HILLS NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | DIX HILLS WATER DIST | 6 DEER PARK AV | DIX HILLS NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | PLYMOUTH ST | DEER PARK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFFOLK COUNTY WATER | OLD DOCK RD | KINGS PARK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | SUNK MEADOW ST PK | SMITHTOWN NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | CARLSON AV | KINGS PARK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | LAWRENCE RD | KINGS PARK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | KINGS PARK RD | KINGS PARK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | BLUE SPRUCE LA | COMMACK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | CORNELL DR | SMITHTOWN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | WICKS PATH | COMMACK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | SCHUYLER DR | COMMACK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | WALTER CT | COMMACK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | RUTH BLVD | COMMACK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | ST JOHNLAND RD | SMITHTOWN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | GREENE AV | AMITYVILLE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | 150 LAMBERT AV | COPIAGUE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | LAMBERT AV | COPIAGUE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | GREAT NECK RD | AMITYVILLE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | ALBANY AV | AMITYVILLE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | TENETY AV | LINDENHURST NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | ALBIN AV | BABYLON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | SMITH ST | BABYLON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | AUGUST RD | BABYLON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | OUTLOOK AV | W BABYLON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | SAWYER AV | W BABYLON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | 12TH ST | W BABYLON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | CIRCLE DR | WYANDANCH NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTHORITY | FARMNGDLE RD | FARMINGDALE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SCWA | 72 GAZZA BLVD | FARMINGDALE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SCWA | SMITH ST | FARMINGDALE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFFOLK COUNTY WATER | BROADHOLLOW RD | FARMINGDALE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | WYANDANCH AV | WYANDANCH NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | GORDON AV | WYANDANCH NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | ADAMS AV | WYANDANCH NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | LANDSCAPE DR | WHEATLY HTS NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | BROOK AV | DEER PARK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | N INDUSTRY CT | DEER PARK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFFOLK COUNTY WATER | 770 RALEIGH LA | WEST ISLIP NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | UNION BLVD | BRIGHTWTRS NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH T K | ORINOCO DR | BRIGHTWTRS NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH T K | MOFFITT BLVD | ISLIP NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | 5TH AV | BAY SHORE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | MOFFITT BLVD | E ISLIP NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | LOCUST DR | BAY SHORE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | LOCUST DR NS | BAY SHORE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | SUNRISE HWY | WEST ISLIP NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | BAY SHORE RD | BAY SHORE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | HARVEST LA | WEST ISLIP NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | THOMAS AV | BAY SHORE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | E FORKS RD | BAY SHORE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | BANANA ST | CNTRL ISLIP NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | CARLETON AV | CNTRL ISLIP NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | DOLORES PL | CNTRL ISLIP NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH T K | COMMERCIAL BLVD | BRENTWOOD NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | 41ST ST | ISLIP NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | FISHER AV | ISLIP TERR NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | 3525 SUNRISE HWY | ISLIP TERR NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | BELLMORE AV | GREAT RIVER NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | EMJAY BLVD | BRENTWOOD NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | 51 AMERICAN BLVD | BRENTWOOD NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | 51 3RD AV | BRENTWOOD NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | 51 3RD AV | BRENTWOOD NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | CARROL ST | BRENTWOOD NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | MACARTHUR BLVD | HAUPPAUGE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | CAPITOL CT | HAUPPAUGE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | FALCON DR | HAUPPAUGE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH | 260 MOTOR PKY | HAUPPAUGE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | 260 MOTOR PKY | HAUPPAUGE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | WHEELER RD | HAUPPAUGE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | LIBERTY ST | HAUPPAUGE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | OVAl DR | ISLANDIA NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | NICHOLS RD | ISLANDIA NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | KISMET W P CORP | 303 OAK WK | KISMET NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SCWA | LIGHTHOUSE WK | KISMET NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | WELL FIELD&PUMP STATION | SANDY WK | FAIR HARBOR NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | 28 ROBBINS WK | FAIR HARBOR NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFFOLK CTY WATER AU | S CENTRAL WALK | BAY SHORE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | 30 MIDWAY WK | OCEAN BCH NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SCWA | CAYUGA WALK | OCEAN BCH NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | 123 NEW YORK AV | PT O WOODS NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | KAYRON DR | FARMNGVILLE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | MORRIS AV | HOLTSVILLE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFFOLK COUNTY WATER | S HOWELL AV | CENTEREACH NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | MUD RD | STONY BROOK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SCWA | DEVELOPMENT DR | STONY BROOK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | SHERRY DR | SETAUKET NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | OAK ST | PT JEFF STA NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFFOLK COUNTY WATER | SHEEP PASTURE RD | PT JEFFERSN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | HENRY CLAY DR | E SETAUKET NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | D WEBSTER DR | SETAUKET NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | OXHEAD RD | STONY BROOK NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | STEM LA | STONY BROOK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | BELLE TERRE RD | PT JEFF STA NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFFOLK COUNTY WATER | STONYHILL RD | PT JEFFERSN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFFOLK COUNTY WATER | MYRTLE AV | PT JEFFERSN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | DARE RD | SELDEN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | BOYLE RD | PT JEFF STA NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | FLINT LA | SELDEN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | BOYLE RD N | SELDEN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | BOYLE RD S | SELDEN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | MT SINAI CORAM RD | MT SINAI NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | NEW YORK AV | SOUND BEACH NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH | WATER RD | ROCKY PT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | WOODLAWN RD | ROCKY PT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | BRIARCLIFF RD | SHOREHAM NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | TOWN LINE RD | NESCONSET NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | NORTH COUNTRY RD | MILLER PL NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SCWA | MT SINAI CORAM RD S | MT SINAI NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | RADIO AV | MILLER PL NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | COLLEGE RD | SELDEN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | HORSE BLOCK RD | FARMNGVILLE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH B T | WAVERLY AV | FARMNGVILLE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | MIDDLE COUNTRY RD | RIDGE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | MIDDLE COUNTRY RD | RIDGE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | BAILEY RD | MIDDLE IS NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | FISH RD | ROCKY PT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | KNIGHT ST | SHOREHAM NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | KNIGHT ST | SHOREHAM NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | FAIRMOUNT AV | FARMNGVILLE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | CRYST BROOK HOL RD | MT SINAI NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | STRATHMORE CT | CORAM NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | FELWAY DR | CORAM NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH C O | 2045 ROUTE 112 | CORAM NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH C O | 2045 ROUTE 112 | CORAM NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH | 2045 ROUTE 112 | CORAM NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH C O | 2045 ROUTE 112 | CORAM NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH | 2045 ROUTE 112 | CORAM NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SC WATER AUTH | 2045 ROUTE 112 | CORAM NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | MEEHAN LA | CORAM NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | WHEAT PATH | MT SINAI NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | JAYNE BLVD | PT JEFF STA NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | BICYCLE PATH | PT JEFF STA NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | SAMUEL ST | LAKE RONK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | VIRGINIA AV | LAKE RONK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFFOLK COUNTY WATER | GATE RD | ST JAMES NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | PLEASANT AV | CENTEREACH NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | EASTWOOD BLVD | CENTEREACH NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | N WASHINGTON AV | CENTEREACH NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | HAWKINS RD | CENTEREACH NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | ASTOR AV | ST JAMES NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | PIERSON ST | NESCONSET NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | HURTIN BLVD | SMITHTOWN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | EDGEWOOD AV | ST JAMES NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | NEW MILL RD | SMITHTOWN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | NEW YORK AV | SMITHTOWN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | HALLOCK AV | SMITHTOWN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH | SY CT | LAKE GROVE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | STONY BROOK RD | LAKE GROVE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | CHINA RD | SAYVILLE NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | LAKEVIEW AV | BAYPORT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | LOCUST AV | BOHEMIA NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | CHURCH ST | BOHEMIA NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | CHURCH ST | HOLBROOK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | MONTAUK HWY | OAKDALE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUF CO WTR AUTHORITY | 4040 SUNRISE HWY | OAKDALE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH M A LOGRANDE | 4050 SUNRISE HWY | OAKDALE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTHORITY | 15 POND RD | OAKDALE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | 4060 SUNRISE HWY | OAKDALE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH | POND RD | OAKDALE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH | POND RD | OAKDALE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | LINCOLN AV | HOLBROOK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH B T | SMITHTOWN AV | RONKONKOMA NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | EASTON ST | RONKONKOMA NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | PECONIC ST | RONKONKOMA NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SC WATER AUTHORITY | SHADY LA | CORAM NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFFOLK COUNTY WATER | GRANNY RD | FARMNGVILLE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH B T | EDGEWOOD AV | FARMNGVILLE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | PECONIC AV | MEDFORD NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | STATION RD | BELLPORT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | PAT YAPHANK RD | YAPHANK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | RACE AV | MEDFORD NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SC WATER AUTH PS | BEECHNUT AV | MEDFORD NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | BARTON AV | PATCHOGUE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | MAPLE AV | MEDFORD NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | WATERWORKS RD | PATCHOGUE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | HEAD OF NECK RD | BELLPORT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | BLUE POINT RD | HOLTSVILLE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | 885 GREENBELT PKY W | HOLBROOK NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFFOLK COUNTY WATER | ANDREANO AV | E PATCHOGUE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUF CTY WATER AUTH | MAIN ST | MASTIC NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | E MARGIN DR | SHIRLEY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | WM FLOYD PKY N | YAPHANK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SC WATER AUTHORITY | SILLS RD | YAPHANK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | OLD NECK RD | C MORICHES NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | NOS BAYVIEW WK | CHERRY GRVE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTHORITY | HARBOR WALK | FIRE IS PNS NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATERAUTHORITY | FISHERMAN PATH | FIRE IS PNS NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUF CNTY WATER AUTH | CENTER WK | DAVIS PARK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | COUNTRY CLUB DR | MANORVILLE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | LAMBERT AV | MASTIC NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SCWA | MONTAUK HWY | EASTPORT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | COUNTY RD 111 | MANORVILLE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | CR 111 | MANORVILLE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | EASTPORT MANOR RD | MANORVILLE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SC WATER AUTHORITY | RAILROAD AV | C MORICHES NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFFOLK COUNTY WATER | OLD SCHOOLHSE RD | MANORVILLE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | RIVERHEAD WATER DIST | OSBORN AV | RIVERHEAD NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | RIVERHEAD WATER DIST | SOUND SHORE RD | JAMESPORT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFFOLK COUNTY WATER | HERRICKS LA | JAMESPORT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFFOLK COUNTY WATER | EVERGREEN DR | CUTCHOGUE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | THE COVE AT SOUTHOLD | MAIN BAYVIEW RD | SOUTHOLD NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | MAIN BAYVIEW RD | SOUTHOLD NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | 700 BOISSEAU AV | SOUTHOLD NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | KENNYS RD | SOUTHOLD NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | OLD NORTH RD | SOUTHOLD NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | OLD NORTH RD | SOUTHOLD NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | ROUTE 48 | SOUTHOLD NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CNTY WATER AUTH | NORTH RD | PECONIC NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | MILL LA | PECONIC NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | NORTH RD | SOUTHOLD NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SCWA | ROCKY POINT RD | E MARION NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | THE LONG WAY | E MARION NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | MAIN RD | E MARION NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | MAIN RD | GREENPORT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | BROWNS HILLS | ORIENT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | LAUREL LK MAIN RD | LAUREL NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SCWA | PECONIC BAY BLVD | LAUREL NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | INLET DR | MATTITUCK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFFOLK CNTY WATER | SUNSET DR | MATTITUCK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SCWA | SOUND AV NS | JAMESPORT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFFOLK COUNTY WATER | OAK AV | FLANDERS NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | RIVERHEAD MOR RD | RIVERHEAD NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFFOLK COUNTY WATER | SPEONK RIV RD | RIVERHEAD NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | RIVERHEAD MOR RD | RIVERHEAD NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | 885 DUNE RD | WHAMPT BCH NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | OLD COUNTRY RD | WESTHAMPTON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SCWA | COUNTY RD 31 RD WS | WESTHAMPTON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | QUOGUE RIV RD | E QUOGUE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | OLD RIVERHEAD RD | WESTHAMPTON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | 624 COUNTY RD 31 | WESTHAMPTON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | MALLOY DR | E QUOGUE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | MEETINGHSE RD | QUIOGUE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | SPINNY RD | E QUOGUE NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | TUCKAHOE RD | SOUTHAMPTON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SCWA | TUCKAHOE RD WS | SOUTHAMPTON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | N MAGEE ST | SOUTHAMPTON NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | LONG SPRINGS RD | SOUTHAMPTON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | EDGE OF WOODS RD | SOUTHAMPTON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | W PROSPECT ST | SOUTHAMPTON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | LUMBER LA | BRIDGEHMPN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | SCUTTLE HOLE RD | BRIDGEHMPN NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFFOLK COUNTY WATER | 441 BLANK LA | WATER MILL NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTHORITY | DIVISION ST | SAG HARBOR NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SCWA BRDGHMTN RD PS | 32 MONTAUK HWY | E HAMPTON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | ROUTE 114 | E HAMPTON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SCWA | TOWN LINE RD ES | WAINSCOTT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | EAST HAMPTON DR | E HAMPTON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | OAKVIEW HWY | E HAMPTON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | SPRING CLOSE HWY | E HAMPTON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | CROSS HWY | AMAGANSETT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFFOLK COUNTY WATER | 114 FRESH POND RD | AMAGANSETT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFFOLK COUNTY WATER | ACCABONAC RD | E HAMPTON NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH | EDISON DR | MONTAUK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | OLD MONTAUK HWY | MONTAUK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | S DAVIS AV | MONTAUK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | MONTAUK PT ST PKY | MONTAUK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFFOLK COUNTY WATER | MADISON HILL DR | MONTAUK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | FLAMINGO AV | MONTAUK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | FLANDERS RD | MONTAUK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | FARRINGTON RD | MONTAUK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | SUFF CTY WATER AUTH | FAIRMONT AV | MONTAUK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | S FULTON DR | MONTAUK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | SUFFOLK COUNTY WATER AUTHORITY | S C WATER AUTH P S | EDGEMERE ST | MONTAUK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | WATER AUTHORITY OF GREAT NECK NORTH | WATER AUTHORITY OF G | COMMUNITY DR | MANHASSET NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
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| WATER FILTER/PUMP | WATER DISTRICTS | WATER AUTHORITY OF GREAT NECK NORTH | WATER AUTH OF GRT NK | 50 WATER MILL LA | GREAT NECK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | WATER AUTHORITY OF GREAT NECK NORTH | WATR AUTH OF GRT NCK | WATER MILL LA | GREAT NECK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | WATER AUTHORITY OF GREAT NECK NORTH | WTR AUTH OF GR NCK | OLD MILL RD | GREAT NECK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | WATER AUTHORITY OF GREAT NECK NORTH | WATR AUTH OF GRT NCK | RAVINE RD | GREAT NECK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | WATER AUTHORITY OF GREAT NECK NORTH | WATR AUTH OF GRT NCK | WEYBRIDGE RD | GREAT NECK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | WATER AUTHORITY OF GREAT NECK NORTH | WATER AUTH OF GR NK | MORRIS LA | GREAT NECK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | WATER AUTHORITY OF GREAT NECK NORTH | WATR AUTH OF GRT NCK | CEDAR DR | GREAT NECK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | WATER AUTHORITY OF GREAT NECK NORTH | WATER AUTH OF GT NCK | WILDWOOD DR | GREAT NECK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | WATER AUTHORITY OF WESTERN NASSAU | WATER AUTHORITY OF W | SWALE RD | FRANKLIN SQ NY |
| WATER FILTER/PUMP | WATER DISTRICTS | WATER AUTHORITY OF WESTERN NASSAU | WATER AUTHORITY OF W | FRANKLIN AV | FRANKLIN SQ NY |
| WATER FILTER/PUMP | WATER DISTRICTS | WATER AUTHORITY OF WESTERN NASSAU | WATER AUTHORITY OF W | MIRIAM PKY | ELMONT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | WATER AUTHORITY OF WESTERN NASSAU | WATER AUTH OF WESTER | ELMONT RD | VALLEY STRM NY |
| WATER FILTER/PUMP | WATER DISTRICTS | WATER AUTHORITY OF WESTERN NASSAU | WATER AUTHORITY OF W | ELMONT RD | ELMONT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | WATER AUTHORITY OF WESTERN NASSAU | WATER AUTHORITY OF W | MAKOFKE AV | ELMONT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | WATER AUTHORITY OF WESTERN NASSAU | WATER AUTHORITY OF W | HEMPSTEAD TPK | ELMONT NY |
| WATER FILTER/PUMP | WATER DISTRICTS | WATER AUTHORITY OF WESTERN NASSAU | WATER AUTHORITY OF W | N 4TH ST | NEW HYDE PK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | WATER AUTHORITY OF WESTERN NASSAU | WATER AUTHORITY OF W | SOMA ST | NEW HYDE PK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | WATER AUTHORITY OF WESTERN NASSAU | WATER AUTHORITY OF W | EVERGREEN AV | NEW HYDE PK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | WATER AUTHORITY OF WESTERN NASSAU | WATER AUTHORITY OF W | 149 CISNEY AV | FLORAL PARK NY |

| CF DESCRIPTION | MARKET SEGMENT | PRIMARY PARENT CUSTOMER | CUSTOMER NAME | CAS ADDRESS | CAS TOWN, STATE |
|-------------------|-----------------|-----------------------------------|----------------------|---------------------|-----------------|
| WATER FILTER/PUMP | WATER DISTRICTS | WATER AUTHORITY OF WESTERN NASSAU | WATER AUTHORITY OF W | 2ND AV | NEW HYDE PK NY |
| WATER FILTER/PUMP | WATER DISTRICTS | WEST HEMPSTEAD WATER DISTRICT | WEST HEMP WATER DIST | 7TH ST | GARDEN CITY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | WEST HEMPSTEAD WATER DISTRICT | WEST HEMP WATER DIST | BIRCH ST | W HEMPSTEAD NY |
| WATER FILTER/PUMP | WATER DISTRICTS | WESTBURY WATER DISTRICT | WESTBURY WATER DIST | DICKENS ST STA 9 | WESTBURY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | WESTBURY WATER DISTRICT | WESTBURY WATER DIST | DICKENS ST STA 16 | WESTBURY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | WESTBURY WATER DISTRICT | WESTBURY WATER DIST | STATE ST | WESTBURY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | WESTBURY WATER DISTRICT | WESTBURY WATER DIST | BRUSH HOLOW STA 14 | WESTBURY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | WESTBURY WATER DISTRICT | WESTBURY WATER DISTR | JERICO TPK | WESTBURY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | WESTBURY WATER DISTRICT | WESTBURY WATER DIST | HICKS LANE STA 15 | WESTBURY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | WESTBURY WATER DISTRICT | WESTBURY WATER DIST | HICKS ST | WESTBURY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | WESTBURY WATER DISTRICT | WESTBURY WATER DIST | BRUSH HOLLOW STA10 | WESTBURY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | WESTBURY WATER DISTRICT | WESTBURY WATER DIST | 160 DREXEL AV | WESTBURY NY |
| WATER FILTER/PUMP | WATER DISTRICTS | WESTBURY WATER DISTRICT | WESTBURY WATER DIST | S GRAND & MYRTLE ST | WESTBURY NY |

Figure D.2 – Critical Facilities Listing (by Description)

Appendix E – Corporate Communications Media Contact List

[illegible]

[illegible]

[illegible]

[illegible]

Appendix F – Key Contacts

PSEG Long Island maintains multiple lists of key external contacts for daily operations and more importantly, restoration purposes. PSEG Long Island continues to update these lists semi-annually or when required due to personnel changes and/or updates.

Emergency Management Organizations:

PSEG Long Island will assign Emergency Operations Center (EOC) Liaisons to New York State, New York City, Nassau and Suffolk County Offices of Emergency Management when they are activated and electric utility representation is requested. In addition, Municipal Liaisons will be dispatched to Municipal Offices of Emergency Management (for localized events) when the need arises. The list of such agencies is included as Figure F.1.

| AGENCY | ADDRESS | PHONE NUMBER |
|---|---------|--------------|
| New York State Division of Homeland Security and Emergency Services (DHSES) | | |
| Region #1 – Downstate Operations Office Building | | |
| New York State Division of Homeland Security and Emergency Services (DHSES) | | |
| State Headquarters | | |
| New York State Department of Transportation Region #10 Long Island TMC/INFORM | | |
| New York City Office of Emergency Management | | |
| Nassau County Office of Emergency Management | | |
| Suffolk County Department of Emergency Management | | |

Figure F.1 – Emergency Management Organizations

Utility Contacts:

PSEG Long Island continues to coordinate restoration efforts with our utility partners in the areas of telecommunications, cable television, and natural gas. The listings of our utility partners are included as Figures F.2.1 to F.2.4.

[illegible]

Page 364 of 465

Altice USA Emergency Contacts
As of December 12, 2017

| | | | | |
|-----------------------------------|------------|------------|------------|------------|
| [REDACTED] | | [REDACTED] | | |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | | | |
| Altice USA 24/7 Emergency Contact | | | | |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |

Altice USA Emergency Contacts

| | | <u>OFFICE</u> | <u>CELL</u> | <u>EMAIL</u> |
|------------|------------|----------------------|--------------------|---------------------|
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |

Order of people to call in a Network Emergency/Outage Situation

1. [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

Order of people to call in a Declared State of Emergency

1. [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

Figure F.2.2 – Local Utility Contacts (Altice USA)

Spectrum Emergency Contacts
As of December 12, 2017

| | | | |
|------------|---|------------|------------|
| [REDACTED] | | | |
| [REDACTED] | I | [REDACTED] | [REDACTED] |

Figure F.2.3 – Local Utility Contacts (Spectrum)

[illegible]

Other Municipal Electric Utility Contacts:

In addition, when necessary, PSEG Long Island may initiate a line of communications with the three (3) municipal electric utilities that operate within the PSEG Long Island service territory. The listing of these contacts is included as Figure F.2.5.

Other Municipal Electric Utilities within PSEG Long Island Service Territory:

As of December 12, 2017

| | | | |
|------------|------------|------------|------------|
| [REDACTED] | | | |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | | | |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | | | |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| | [REDACTED] | [REDACTED] | [REDACTED] |

Figure F.2.5 – Other Municipal Electric Utility Contacts

Elected officials, Municipal Contacts, Human Services Agencies:

PSEG Long Island's External Affairs team maintains an updated list of key contacts for Elected Officials, Municipal Contacts and Human Services Agencies. These lists (effective as of January 1, 2018) are detailed in Figures F.3 to F.8.

[illegible]

Figure F.3 – Federal Officials

[illegible]

Figure F.4 – State Officials

[illegible]

[illegible]

[illegible]

[illegible]

Appendix G – NAMAG Agreement

1. MISSION

- 1.1** The Mission of the North Atlantic Mutual Assistance Group is:
 - 1.1.1** To provide a forum to ensure safe, effective and coordinated mutual assistance, regional response and service restoration for customers of member utilities.
 - 1.1.2** To provide an enhanced line of communications between member companies to share best practices and plan for other significant events such as a work stoppage, civic unrest, or political events, and ensure that all members are communicating a unified message to both internal and external stakeholders.
 - 1.1.3** To minimize risk to all parties by agreeing to provide assistance (personnel and equipment) on a not-for-profit basis, and agreeing that Requesting Companies will reimburse Responding Companies for all expenses incurred in providing the assistance.
 - 1.1.4** To adhere to and operate in accordance with the procedures contained in this document (the North Atlantic Mutual Assistance Group Guidelines).
 - 1.1.5** To interact with other Regional Mutual Assistance Groups and the Edison Electric Institute Mutual Assistance Committee

2. COMPANY INFORMATION

2.1 Member Company Information

- 2.1.1** Each Holding Company listed below is entitled to one (1) vote
- 2.1.2** Individual Operating Companies may be listed separately on the Joint Mobilization Conference Call spreadsheet

| North American Company Name | States | Electric Customers | Gas Customers | EEI Signatory |
|---|---|--------------------|------------------|---------------|
| Central Hudson Gas & Electric | NY | 300,000 | 75,000 | Yes |
| Consolidated Edison | NY, NJ, PA | 3,600,000 | 1,200,000 | Yes |
| Duquesne Light * | PA | 580,000 | | Yes |
| Emera – (Bangor Hydro, Nova Scotia Power) | ME, NS | 680,000 | | No |
| Exelon – (BGE, PECO) ** | MD, PA | 2,986,500 | 1,136,000 | Yes |
| First Energy *,** | OH, NJ, PA, MD, WV, NY | 6,000,000 | | Yes |
| Green Mountain Power | VT | 256,000 | | Yes |
| Hydro-One | ON | 1,300,000 | | Yes |
| Hydro Quebec | QC | 4,107,400 | | No |
| Iberdrola – (Central Maine Power, NYSEG) | ME, NY | 596,000, 871,000 | 256,000 | Yes |
| National Grid (NY, NE, LIPA) | MA, NY, RI | 4,515,000 | 3,500,000 | Yes |
| New Brunswick Power (Energie NB Power) | NB | 380,000 | | No |
| New Hampshire Electric Cooperative | NH | 78,750 | | No |
| Northeast Utilities | CT, MA, NH | 3,090,000 | 484,000 | Yes |
| Pepco Holdings, Inc. (PHI) ** | DC, DE, MD, NJ, | 1,960,000 | 123,000 | Yes |
| PPL Electric Utilities ** | PA | 1,400,000 | | Yes |
| Public Service Electric & Gas (PSE&G) | NJ | 2,200,000 | 1,800,000 | Yes |
| South Norwalk Electric & Water | CT | 14,000 | | No |
| UGI Utilities, Inc | PA | 62,000 | 568,000 | Yes |
| United Illuminating | CT | 325,000 | | Yes |
| Unitil Corp | MA, ME, NH | 104,400 | 70,000 | Yes |
| TOTAL – 21 Companies | 13 states, 4 provinces, 1 district | 35,406,050 | 9,212,000 | |

Footnote:

* indicates member of GLMA

**indicates member of SEE

3. GENERAL GUIDELINES

3.1 Personnel Safety

- 3.1.1** Whether providing or receiving assistance, personnel safety will be the preeminent objective and responsibility of all participants.
- 3.1.2** The Requesting Company agrees to make every effort to avoid moving Responding Company personnel into harm's way during the initial, first- wave mobilization.
- 3.1.3** Responding Company will follow its own safety rules, except as noted in paragraphs 3.1.6 and 3.1.7 below.
- 3.1.4** Responding Company is responsible for following its own personal protective grounding practices.
- 3.1.5** Responding Company will immediately report any and all accidents to Requesting Company (both incidence and injury).
- 3.1.6** Switching procedures will be handled as the Requesting Company designates, provided that the procedures do not violate the safety rules of the Responding Company.
- 3.1.7** Requesting Company will provide information on their switching and tagging rules. Requesting Company switching/blocking tags will be used.
- 3.1.8** Security personnel requirements shall be discussed and mutually agreed upon by the Requesting and Responding Companies prior to deployment of armed security personnel.
- 3.1.9** Any deployment of "Security Personnel" – armed or otherwise – must comply with Federal, Provincial, State, Local and Tribal regulations.

3.2 Maintenance of Contact Roster

- 3.2.1** In order to facilitate efficient communication and response, North Atlantic member utilities will share the following information:
 - The names, contact numbers (work phone, home phone, cellular phone, and pager), and e-mail addresses for three (3) individuals authorized to participate in Joint Mobilization Conference Calls.
 - If available, the telephone number for the 24-hour operations / dispatch center for the member company.
 - If available, a satellite telephone number for the 24-hour storm or operations / dispatch center.
 - If available, a corporate storm / emergency center 24-hour telephone number, if different from the 24-hour operations / dispatch telephone number.

- 3.2.2 The North Atlantic Group Secretary will be responsible for maintaining and updating the Member Company Contact Roster at least every three months.

3.3 Code of Conduct

- 3.3.1 Whether providing or receiving assistance, all personnel will be expected to conduct themselves in a professional and responsible manner.

3.4 Confidentiality Statement

- 3.4.1 Members understand and agree that participation on Joint Mobilization Conference Calls is restricted to employees of member companies of the North Atlantic Mutual Assistance Group, unless otherwise agreed to by members of the North Atlantic Group.
- 3.4.2 Members understand that conversations between member utilities during Joint Mobilization Conference Calls are confidential and proprietary. Therefore, with the exception of general deployment data / information, members agree not to share or release any information shared between member utilities during Joint Mobilization Conference Calls unless mutually agreed.

3.5 Communication With Contractors

- 3.5.1 Members understand the need for clear communication with contractors working on their systems and are encouraged to explain the joint mobilization process discussed in this document.
- 3.5.2 Members agree to follow the Rules of Engagement to secure contractor resources and refrain from accepting contractors directly who are working for an Investor Owned Utility (IOU) or a member company of any Regional Mutual Assistance Group (RMAG).

3.6 Definition of Emergency Assistance Period

- 3.6.1 Members agree that the emergency assistance period shall commence when personnel and/or equipment expenses are initially incurred by the Responding Company in response to the Requesting Company's needs. This includes any request for the Responding Company to prepare employees and/or equipment for travel to the Requesting Company's location but to await further instructions before departing. This preparation time should begin when normal work activities for Responding Company stop and preparations dedicated to supporting the off system effort begin. Except as noted in paragraph 3.6.3, the emergency assistance period shall terminate when such employees and/or equipment have returned to their point of origin and after a reasonable time required preparing the equipment for return to normal activities (e.g. cleaning trucks, restocking minor materials, etc.).
- 3.6.2 The length of stay by Responding Company personnel will be mutually agreed to by both companies. Generally, this period should not exceed 14 consecutive days, including travel time to the work area and return to the point of origin. When mutual assistance assignments go beyond this time frame, North Atlantic members agree that Responding Company personnel will usually be changed out (rotated) rather than take extended reset periods (days off). Responding and Requesting companies may agree upon exceptions to this procedure.

3.6.3 It is understood and agreed that if Responding Company's or its Holding Company's system is threatened during any time after it has mobilized to provide mutual assistance, any part or all of the Responding Company's native and contract workforce may be recalled. In these instances:

- It is understood and agreed that the decision to terminate assistance and recall employees lies solely with the Responding Company.
- If recall of Responding Company's workforce becomes necessary, the Requesting Company will be responsible for all expenses incurred by Responding Company until the Responding Company returns home and vehicles are cleaned and stocked for normal work activities.
- If Responding Company's workforce is recalled to another of the Responding Company's locations other than their original point of origin, the Requesting Company will be responsible for travel costs to the alternate location not to exceed that which would have been incurred had the workforce returned to their original point of origin.

4. RULES OF ENGAGEMENT

4.1 Rules of Engagement Procedures

4.1.1 Members agree to adhere to the procedures contained in Section 4 to request, identify and mobilize emergency mutual assistance resources. These procedures are intended to enhance and in no way hamper the mobilization goals of member companies during emergencies.

4.1.2 When any member company has a need for additional resources, that company will notify all members of the North Atlantic Mutual Assistance Group and schedule a Joint Mobilization Conference Call.

- Because response time is critical in emergency situations, the Joint Mobilization Conference Call provides a mechanism that allows members to quickly request assistance and identify the number and status of all available regional resources.

4.1.3 The Joint Mobilization Conference Call format should:

- Provide members with the opportunity to understand the entire scope of the emergency situation, including the number of companies expecting to be impacted and the potential damage to each.
- Allow members to discuss and evaluate weather forecasts from different sources.
- Result in the most efficient, effective and equitable allocation of available resources while mitigating the financial risk associated with early mobilization of resources.

4.1.4 The permitted exception for securing resources without scheduling a Joint Mobilization Conference Call is when an event impacts a single member utility and the impacted utility anticipates a short restoration time requiring assistance from only neighboring (adjacent) utilities.

- In this instance, the impacted member may contact neighboring utilities directly to arrange assistance.
- The impacted company agrees to notify all members of the North Atlantic Mutual

Assistance Group via email when any resources are obtained without scheduling a Joint Mobilization Conference Call.

- However, because emergency events tend to expand and impact more than one utility over time, members are encouraged to use the Joint Mobilization Conference Call procedures described below for all mutual assistance requests.

4.1.5 Since some companies are members of multiple mutual assistance groups, whenever a North Atlantic member company secures resources from another RMAG, they will notify all members of the North Atlantic Mutual Assistance group via email.

4.2 Initiation of the Joint Mobilization Conference Call

4.2.1 Typically, the member that expects to be impacted first by an event will initiate the process.

4.2.2 Members agree to initiate a conference call anytime they experience or are threatened by an event so significant that they anticipate needing resources beyond the capabilities of their neighboring (adjacent) utilities to restore their system.

4.2.3 Procedure for initiating the Joint Mobilization Conference Call:

- The initiating member will notify the Chair (or other Leadership member) of the North Atlantic Mutual Assistance Group they wish to hold a conference call. The Chair is responsible to notify the company designated to set up the call with the necessary notifications to members including the date, time, and conference call number.
- In the event the North Atlantic Leadership is unavailable, the initiating company can contact the company designated to set up the call directly and assume the Chair responsibilities.
- Conference calls will typically be scheduled for 0730 and 1800 daily or as needed by the initiating member.

4.3 Responsibilities of Company Initiating Conference Call

4.3.1 The Chairman or designee will serve as moderator for the conference call or ask another member to moderate. The moderator will:

- Call the roll of member companies.
- Present the weather forecast for his / her company service territory. At their discretion, the initiating company may have a weather consultant present the current forecast.
- Ask other members for input regarding the weather forecast / predictions.
- Present an estimate of predicted impact / damages and when these are expected to occur. If the event is large enough to impact more than one member's service territory, the moderator will ask other members for their projected damage assessments.
- Present an estimate of resources needed. If the event is large enough to impact more than one member's service territory, the moderator will ask other members for their projected resource needs.
- By roll call, ask all non-impacted members to state the numbers of resources available to assist once their territories are no longer threatened.

- When appropriate, the moderator will lead discussion of staging areas to be used by assisting companies; transportation concerns, such as evacuation orders, fuel availability, DOT exemptions, etc.; and, the availability of non-member resources that may be available to assist impacted members.
- Keep the call moving and minimize the length of the call as much as possible.
- Set the date and time for future conference calls.

4.4 Responsibilities of Non-Initiating Members Participating In Conference Calls

4.4.1 Members agree not to release or dispatch ANY resources (contract or native) unless committed to and confirmed by a Requesting Company. It is understood that Responding Companies' territories must be free from significant threat before resources can be committed and dispatched.

4.4.2 On the first Joint Mobilization Conference Call, non-threatened / non- impacted members will be prepared to specify the numbers of their employee and contractor distribution line, transmission line, vegetation management, and damage assessment personnel available to assist impacted companies, including an estimate of when these resources can be dispatched. If Requesting Companies identify needs in other areas (such as IT, safety, etc.), assisting members will be given time (usually 24 hours) to identify available resources in these additional areas.

4.4.3 To enhance safety and flexibility, upon request non-threatened / non- impacted members will be prepared to identify staging areas available in their territories.

4.4.4 Upon request non-threatened / non-impacted members will assist with DOT exemptions for crews traveling through their service territories.

4.5 Resource Allocation and Mobilization

4.5.1 When more than one company has requested emergency assistance, all members understand and agree that it is the responsibility of the Requesting Companies to agree upon the allocation of available first wave and subsequent member company resources.

4.5.2 Members agree that, in general, resources will be allocated on the basis of severity of need, based on:

- Predicted impact – percentage / degree of system loss and estimated time customers will have been without power.
- Storm timing – which company will be first impacted.
- Travel time.
- Availability of other non-North Atlantic member controlled resources.
- The intent will be to allocate available resources to meet all member company needs in the most efficient and equitable manner possible.

- 4.5.3 Members agree that final dispatch of committed resources is to be coordinated directly between the Requesting Company and the Responding Company (or its contractor(s), where applicable).

4.6 Joint Mobilization Conference Call Documentation

- 4.6.1 The North Atlantic Emergency Call spreadsheet will be used to document each Joint Mobilization Conference Call.
- 4.6.2 The Secretary or a designee will take notes during the Joint Mobilization Conference Call, distribute the Emergency Call spreadsheet to all members after the call, and post the minutes to the Restore Power North Atlantic Workroom.
- 4.6.3 Members acknowledge that the Emergency Call spreadsheet contains confidential information and agree not to share the spreadsheet with any non-member company unless mutually agreed to on the Joint Mobilization Conference Call.

5. REQUESTING COMPANY RESPONSIBILITIES

5.1 Requesting Company – Responsibilities Prior to Mobilization

- 5.1.1 To the extent possible, the Requesting Company is expected to clearly communicate the degree of devastation and working conditions Responding Company personnel should expect to encounter upon arrival at the emergency restoration work area.
- 5.1.2 The Requesting Company is expected to inform the Responding Company if their requirements for the maintenance of receipts differ from the procedures stated in paragraph 6.2.5.
- 5.1.3 To facilitate communications, the Requesting Company may opt to provide a single point of contact (Coordinator) to interact with the Responding Company.
- 5.1.4 The Requesting Company will provide the Responding Company with the name and contact information for their “company contact” as required on the RESPONDING COMPANY INITIAL INFORMATION SHEET before Responding Company personnel leave their point of origin.
- 5.1.5 Requesting Company will coordinate with their state DOT officials concerning emergency exemptions and any other transportation issues that will facilitate the Responding Company’s trip to and from the Requesting Company.
- 5.1.6 The Requesting Company is encouraged to communicate general guidelines with Responding Companies. Items covered may include labor contractual issues, safety issues, contact personnel, vehicle fueling arrangements, typical standard construction, meal and lodging arrangements, and other items that will be of benefit to the responding personnel and their supervision.

5.2 Requesting Company – Responsibilities During Emergency Assistance Period

- 5.2.1 The Requesting Company will establish expectations for work, including start time and duration.

- 5.2.2** The Requesting Company will provide materials unless specifically noted otherwise.
- 5.2.3** When necessary, the Requesting Company will provide a guide with communications capability, portable radios or cellular telephones to assist responding team leaders.
- 5.2.4** The Requesting Company will authorize Responding Company to use cellular phones as a method of communication. Where cellular service is unavailable, it is understood that satellite phones may be used until such time that cellular service is restored in the Requesting Company's area.
- 5.2.5** The Requesting Company will provide vehicle security for parking areas unless specifically agreed otherwise.
- 5.2.6** With the exception of food and lodging during travel to and from the final work site, the Requesting Company will handle all food, lodging and incidental support needed by Responding Company unless both companies agree for Responding Company to handle these logistics.
- 5.2.7** Requesting and Responding companies should agree on the provision of laundry services.
- 5.2.8** Requesting Company will make and communicate provisions for Responding Company personnel to make personal long distance telephone calls during the emergency response period. For example, the Requesting Company may authorize the Responding Company to purchase pre-paid long distance calling cards for responding crew members or authorize the use of company or employee owned cellular phones for an agreed upon maximum number of minutes. As a general rule, Requesting Company agrees to allow and reimburse a maximum of 10-minutes personal long distance telephone charges per employee per day. Any personal cellular phone charges or pre-paid calling card expenses shall be included in the supporting documentation on the company's preliminary invoice, subject to paragraph 6.2.5.
- 5.2.9** Requesting Company shall reimburse the Responding Company for lodging and will not pay for additional hotel-related expenses unless agreed to by the Requesting Company prior to the occurrence. Some examples of additional hotel-related expenses include phone calls made from rooms, room service, in-room movies, mini bar usage, etc.
- 5.3 Requesting Company – Procedures for Releasing Responding Companies**
- 5.3.1** During emergencies impacting more than one member company simultaneously, each Requesting Company will develop a proposed "Release Schedule" 48-hours before releasing any contract or utility (members & non-member) crews. This release schedule will include: Names of utilities and contractors to be released, the numbers and specialty (distribution line, transmission line, vegetation, etc.) of workers from each utility and / or contractor being released, the on-site contact or the coordinator of the crews being released, and the date and approximate time the crews expect to be released.
- 5.3.2** During emergencies when Responding Company contract and / or utility resources are already deployed and working to provide restoration help to one member company and another member company (or companies) is impacted by another emergency, or, in

the case of hurricanes, a second landfall of the storm, the company that obtained help first agrees to:

- NOT retain personnel solely to perform maintenance, street lighting work, or clean up type work and will aggressively work to release personnel.
- Immediately prepare a release schedule which includes details listed in paragraph 5.3.1 above, including projected release dates.
- Provide realistic estimated restoration times and release dates to the second Requesting Company (or companies). Since this could mean the difference in going days away or waiting on resources closer that may become available, it is essential that release dates be as accurate as possible. Note: Should the emergency situation described above develop before a Responding Company personnel arrive at the initial restoration area, these resources will be reallocated to Requesting Companies in accordance with the provisions of Section 4.6 and paragraph 5.4.3 of these procedures and guidelines.

5.3.3 In the emergency situation described in paragraph 5.3.2 above, the initial and secondarily impacted companies agree to:

- Immediately hold an “impacted companies” conference call to negotiate reallocation of the resources on the release schedule developed by the first impacted company as well as any other resources not already committed.
- Regarding personnel released by the first impacted company, secondary Requesting Companies will contact the resources (companies) allocated to them to determine if those persons will agree to re-deploy or be changed out (rotated) in accordance with paragraph 3.6.2.

5.3.4 In all emergency situations, the Requesting Company will make every effort to notify each Responding Company’s mutual assistance contact 24- hours in advance of the anticipated final release of their utility personnel.

5.4 Requesting Company – Responsibility for Reimbursement of Expenses

5.4.1 Members understand and agree that the provision of emergency mutual assistance is a not-for-profit endeavor for Responding Companies. Therefore, the Requesting Company will reimburse all costs and expenses incurred by the Responding Company in the provision of the emergency assistance for the entire emergency assistance period as defined in section 3.6 above.

5.4.2 If Responding Company resources are released after mobilization but before being utilized, the Requesting Company will reimburse Responding Company for all incurred preparation and travel expenses including reasonable time required to prepare the equipment for return to normal activities after returning to their point of origin.

5.4.3 During emergencies impacting more than one member, Responding Company resources may be re-assigned either: en route to the Requesting Company; at an initial staging area before reaching the Requesting Company; or at the Responding Company’s final staging area.

Additionally, resources may be assigned to assist a second Requesting Company after completing work for the initial Requesting Company.

Note: In any of these instances, unless otherwise mutually agreed, the utility that receives the re-assigned Responding Company resources will be responsible for all Responding Company costs from the time of re- assignment.

- 5.4.4** Requesting Company will reimburse members for expenses incurred in the provision and management of interim staging areas (i.e. labor and miscellaneous expenses provided by the host utility to operate the staging area, but not including any Responding Company crew costs). In emergencies involving more than one Requesting Company, staging costs will be shared by Requesting Companies on a prorated basis based on the resources committed to each entering (logged into) the staging site.
- 5.4.5** Provided proper supporting documentation is included, the Requesting Company should pay all (preliminary and final) invoice(s) from Responding Company within 60 calendar days after receipt of invoice(s).

6. RESPONDING COMPANY RESPONSIBILITIES

6.1 Responding Company – Responsibilities Prior to Mobilization

- 6.1.1** To the extent possible, the Responding Company is expected to clearly communicate the degree of devastation and working conditions that their responding employees should expect to encounter upon arrival at the emergency restoration work area.
- 6.1.2** To facilitate communications, the Responding Company may opt to provide a single point of contact (Coordinator) to interact with the Requesting Company.
- 6.1.3** Responding Company will complete and forward the RESPONDING COMPANY INITIAL INFORMATION SHEET before departing their home location.
- 6.1.4** If requested, Responding Company will provide a copy of completed PERSONNEL LISTING FORM as soon as the information becomes available.
- 6.1.5** Responding Company's telecommunications personnel shall contact Requesting Company's telecommunications personnel and local FCC authorities to make any temporary telecommunications arrangements.
- 6.1.6** Prior to traveling, Responding Company will reach agreement with the Requesting Company regarding the provisions for Responding Company personnel to make personal long distance telephone calls during the emergency response period as described in paragraph 5.2.8 above. This agreement should preclude any telephone charges from any lodging facility by the Responding Company personnel, except in case of emergency local 911 calls.
- 6.1.7** Responding Company agrees not to load extra emergency stock on trucks unless specifically requested by the Requesting Company.
- 6.1.8** When Responding Company's available contractor resources have been allocated to a Requesting Company through the Joint Mobilization Conference Call procedures, the Responding Company will:
- Provide Requesting Company with contact information for their on-site contractors.

- Alert their contractors that their assistance has been requested and that they will be contacted by the Requesting Company.
- Give their contractors the Requesting Company contact information.
- Encourage their contractors to respond to the North Atlantic member's request for help with all contract crews being released from the Responding Company's work site.

6.2 Responding Company – Responsibilities During Emergency Assistance Period

- 6.2.1** Responding Company will handle all communication needs within their teams. This could include acquiring additional communications equipment, such as portable repeaters, to ensure continuous communication capabilities.
- 6.2.2** The Responding Company will be responsible for performing normal maintenance on their vehicles and equipment during the emergency assistance period and this work will be covered in their standard hourly/daily rates.
- 6.2.3** Responding Company will maintain daily records of time and expenses for personnel and equipment. This documentation will be provided with their preliminary invoice.
- 6.2.4** When the Requesting Company has provided specific guidance in advance that differs from that in paragraph 6.2.5, the Responding Company will maintain and furnish the requested documentation of expenses with their preliminary invoice.
- 6.2.5** Unless otherwise agreed prior to mobilization, members agree that Responding companies will maintain and furnish upon request receipts for all individual expenses / purchases made during the emergency assistance period in accordance with the IRS requirements in effect at the time assistance is requested.

6.3 Responding Company – Responsibilities End Of Emergency Assistance Period

- 6.3.1** Responding Company should submit their "preliminary invoice" to Requesting Company within 60 calendar days from date released by the Requesting Company. Responding Company will provide supporting documentation at the time the preliminary invoice is mailed. Requesting Utility should receive final invoice within 90 calendar days from invoice date of preliminary invoice.
- 6.3.2** Responding Companies agree to maintain auditable records of billed expenses for emergency mutual assistance sufficient to satisfy the legal / statutory requirements and obligations incumbent upon the Requesting Company.

7. LIABILITY

- 7.1** Due to the compressed time frames associated with the rendering of mutual assistance, Members should ensure that liability, among other issues, be addressed in a timely manner; otherwise, the ability of one Member to respond to another could be impacted adversely, up to and including an inability to render any non-contractor assistance. When rendering mutual

assistance to one another and with specific regard to all liability for loss, damage, cost or expense, Members agree to follow Sections 11 and 12 of the “Suggested Governing Principles Covering Emergency Assistance Arrangements between Edison Electric Institute Member Companies,” or an equivalent agreement executed by both Members prior to the formal start of the rendering mutual assistance.

7.2 EEI Member Companies

- 7.2.1** If both the Requesting and Responding Companies have signed the Edison Electric Institute Mutual Assistance Agreement, the “Suggested Governing Principles Covering Emergency Assistance Arrangements between Edison Electric Institute Member Companies” shall govern liability.

7.3 Non-EEI Member Companies

- 7.3.1** If either the Requesting or Responding Company have not signed the EEI Mutual Assistance Agreement, then the Responding Company may submit to the Requesting Company for execution a copy of the “North Atlantic Mutual Assistance Agreement” (see Appendix A). The terms “Responding Company” and Requesting Company” are used in this agreement in the same manner as in the “Suggested Governing Principles Covering Emergency Assistance Arrangements Between Edison Electric Institute Member Companies).”
- 7.3.2** Return of an executed copy of the “North Atlantic Mutual Assistance Agreement” by the Requesting Company to the Responding Company shall be construed as the formal start of the rendering of mutual assistance by all non-contractor resources. Both Members shall retain copies of the executed agreement for reference.
- 7.3.3** Use of an agreement other than the “North Atlantic Mutual Assistance Agreement” shall include a discussion on liabilities, among other items, and shall be agreed to and executed by both Members prior to the formal start of the rendering mutual assistance by all non-contractor resources. Both Members shall retain copies of the executed agreement for reference.

8. U.S / CANADA BORDER CROSSING

8.1 Purpose

- 8.1.1** As part of the Electric Sector effort to improve response and reduce delays, a procedure for crossing the US/Canada border has been documented.
- 8.1.2** The purpose of this procedure is to make Bi-National assistance during an event as expeditious as possible by preparing utilities workers deployed across the U.S./Canada border. The sharing of resource does not stop at the U.S. boundaries. During major events, U.S. companies need to be able to cross our northern border as effectively while maintaining the security of both Canada and the United States

8.2 Procedure Summary

8.2.1 It's important to have all information needed to cross the border completed in advance such as vehicle manifest, master roster, information from requesting company (letter of invite), and declaration, if one is available.

This is all documented in the procedure. Effective pass through requires advance notice to the specific crossing prior to resources arriving to allow both Canadian and US Border Crossing to prepare.

8.2.2 While the procedure does not specifically state an amount of time in advance, this should be a minimum of 8 hours if not more. A courtesy call to either the US Customs and Border Protection Agency or the Canadian Border Services Agency is recommended to give advance notice and confirm expectations.

8.2.3 To reference the procedure please go to one of the following;

- EEI Website (<https://eei-restorepower.groupsite.com/main/summary>) Select Restore Power under the Resources tab. The Roster and Border Guidance files are located in the Other Documents section.
- All Hazards Consortium website (<http://www.ahcusa.org/>)
- U.S. Customs (future link)

9. GOVERNANCE

9.1 Membership

- 9.1.1** Membership in the North Atlantic Mutual Assistance Group is comprised of those companies listed in Section 2.1
- 9.1.2** Membership will be open to investor owned utilities (IOU's), electrical cooperatives, and electric municipals provided such participation does not contradict or violate any internal, local, state or federal statutes or regulations.
- 9.1.3** Membership in the North Atlantic Mutual Assistance Group is free and members are not required to pay any dues or fees. The only financial obligation a member has to incur is the costs of hosting the semi-annual (spring or fall) North Atlantic Group meetings and reimburse responding companies for all expenses incurred when providing mutual assistance.
- 9.1.4** Prospective members seeking to join the North Atlantic Mutual Assistance Group must request admittance by contacting an active officer of the North Atlantic group. The prospective member may be asked to supply additional information and give a formal presentation to the group.
- 9.1.5** Prospective members to the North Atlantic Mutual Assistance Group must be approved for membership by a majority vote of the group.
- 9.1.6** All members will be required to sign the North Atlantic Mutual Assistance Group Statement of Understanding and Endorsement letter.

9.2 Officers

- 9.2.1** Officers shall not incur debt or costs on behalf of the committee or the North Atlantic Mutual Assistance Group and are not liable for the actions of committee members or member companies.
- 9.2.2** Member companies are always responsible for requesting mutual assistance to meet their requirements.

ELECTED OFFICERS

- 9.2.3** Chair – The Chair for the North Atlantic Group is responsible for:
- Primary representative for the North Atlantic Group with Edison Electric Institute [EEI], Regional Mutual Assistance Groups [RMAGs] and other groups. Serve as a single point of contact and keep members informed.
 - Conduct semi-annual (spring and fall) or other meetings.
 - Designate special working groups and committees.
 - Provide guidance and direction on North Atlantic Group Guidelines.
 - Serve as a Mentor and Subject Matter Expert for the Group.
 - Serve for a term of one (1) year.
 - Develop spring and fall meeting agendas with the Vice Chair, Secretary, and

designated host company.

9.2.4 Vice Chair – The Vice Chair for North Atlantic Group is responsible for:

- Assisting the North Atlantic Group Chair
- Secondary representative for the North Atlantic Group with Edison Electric Institute [EEI], Regional Mutual Assistance Groups [RMAGs] and other groups
- Leading special working groups or committees
- Develop spring and fall meeting agendas with the Chair, Secretary, and designated host company
- Serve as Mentor and Subject Matter Expert for the Group
- Serve for a term of one (1) year
- Succeed the North Atlantic Group Chair at the end of term.

9.2.5 Secretary – The Secretary for North Atlantic Group is responsible for:

- Maintain North Atlantic Group rosters and directories
- Maintain and distribute semi-annual (spring and fall) meeting minutes
- Maintain and distribute the Emergency Call spreadsheet used during Joint Mobilization Conference calls
- Maintain all North Atlantic Group documents
- Maintain the North Atlantic Group website
- Develop Spring & Fall Meeting Agendas with the Chair, Vice Chair and designated Host Company
- Assist the Chair and Vice Chair as requested or needed
- Serve for a one (1) year term.
- Succeed the North Atlantic Group Vice Chair at the end of term.

9.3 Elections and Voting

9.3.1 The North Atlantic Mutual Assistance group will generally come to agreement by consensus. When consensus is not possible or there is to be an election of officers the following rules shall apply.

- Each member company shall have one (1) vote.
- A simple majority will be sufficient for most actions, with a quorum consisting of one representative from at least one-half of the member companies.
- Any modifications of the North Atlantic Mutual Assistance Guidelines must be approved by $\frac{3}{4}$ of the member companies.
- Nominations for Secretary will be accepted prior to and during the Spring Meeting each year.
- Election of Secretary will occur every year at the Spring Meeting.

- If an officer vacates his/her position before fulfilling their one year term, automatic succession will occur and an election will be conducted at the next scheduled meeting to fill the Secretary position.
- If 2 or more officers vacate their positions before fulfilling their one year term, automatic succession will occur and an election will be conducted at the next scheduled meeting to fill the vacancies.
- Voting will be by voice vote. Secret ballot may be used upon a motion, seconded by a member company.
- Voting by e-mail is permissible. One vote per Member Company shall apply.

9.4 Meetings

9.4.1 The North Atlantic Group shall meet semi-annually in the spring and fall of each year.

9.4.2 Each North Atlantic member will take their turn hosting the semi-annual (spring and fall) meetings and the Host Company will rotate alphabetically.

9.4.3 The Host Company will be responsible for:

- Assist in developing the meeting agenda with the Chair, Vice Chair and Secretary including coordination with speakers and presenters
- Scheduling the dates and time for the meeting
- Coordinate lodging arrangements (i.e. reserve a block of rooms for a set time period) for overnight members
- Provide the networking dinner the night before the meeting
- Provide the meeting room and meals
- Provide audio visual equipment (i.e. laptop, projector, and white boards or equivalent)

9.4.4 At all meetings of the North Atlantic Mutual Assistance Group, “Roberts Rules of Order Newly Revised” shall be considered the authority in deciding all points of order and parliamentary law not defined by this guideline.

10. DOCUMENT REVISION HISTORY

| Version | Prepared By | Summary of Changes | Date |
|---------|-------------|---|------------|
| 1.0 | Merger Team | Initial Guidelines created for the merger of MAMA, NEMAG, NYMAG | 08/22/2013 |

SUGGESTED GOVERNING PRINCIPLES COVERING EMERGENCY ASSISTANCE ARRANGEMENTS BETWEEN EDISON ELECTRIC INSTITUTE MEMBER COMPANIES

Electric companies have occasion to call upon other companies for emergency assistance in the form of personnel or equipment to aid in maintaining or restoring electric utility service when such service has been disrupted by acts of the elements, equipment malfunctions, accidents, sabotage or any other occurrences where the parties deem emergency assistance to be necessary or advisable. While it is acknowledged that a company is not under any obligation to furnish such emergency assistance, experience indicates that companies are willing to furnish such assistance when personnel or equipment are available.

In the absence of a continuing formal contract between a company requesting emergency assistance ("Requesting Company") and a company willing to furnish such assistance ("Responding Company"), the following principles are suggested as the basis for a contract governing emergency assistance to be established at the time such assistance is requested:

1. The emergency assistance period shall commence when personnel and/or equipment expenses are initially incurred by the Responding Company in response to the Requesting Company's needs. (This would include any request for the Responding Company to prepare its employees and/or equipment for transport to the Requesting Company's location but to await further instructions before departing). The emergency assistance period shall terminate when such employees and/or equipment have returned to the Responding Company, and shall include any mandated DOT rest time resulting from the assistance provided and reasonable time required to prepare the equipment for return to normal activities (e.g. cleaning off trucks, restocking minor materials, etc.).
2. To the extent possible, the companies should reach a mutual understanding and agreement in advance on the anticipated length – in general – of the emergency assistance period. For extended assistance periods, the companies should agree on the process for replacing or providing extra rest for the Responding Company's employees. It is understood and agreed that if, in the Responding Company's judgment such action becomes necessary the decision to terminate the assistance and recall employees, contractors, and equipment lies solely with the Responding Company. The Requesting Company will take the necessary action to return such employees, contractors, and equipment promptly.
3. Employees of Responding Company shall at all times during the emergency assistance period continue to be employees of Responding Company and shall not be deemed employees of Requesting Company for any purpose. Responding Company shall be an independent Contractor of Requesting Company and wages, hours and other terms and conditions of employment of Responding Company shall remain applicable to its employees during the emergency assistance period.
4. Responding Company shall make available upon request supervision in addition to crew leads. All instructions for work to be done by Responding Company's crews shall be given by

5. EEL's Vice President of Energy Delivery or his/her designee who shall maintain a list of each Mutual Assistance Agreement Participating Company Signatory which shall be posted in the RestorePower Workroom as [REDACTED]

Officer Name:
Title:
Date:

Officer Name: [REDACTED]
Title: Vice President Electric Operations, PSEG Long Island
Long Island Electric Utility Servco LLC
acting as agent of and on behalf of
Long Island Lighting Company d/b/a LIPA
Date: October 14, 2015

Appendix H – Proceeding on Motion of the Commission to Consider Utility Emergency Performance Metrics

STATE OF NEW YORK PUBLIC SERVICE COMMISSION

At a session of the Public Service
Commission held in the City of Albany
on November 14, 2013

COMMISSIONERSPRESENT:

Audrey Zibelman, Chair
Patricia L. Acampora
Garry A. Brown
Gregg C. Sayre
Diane X. Burman

CASE 13–E-0140 - Proceeding on Motion of the Commission to Consider Utility Emergency Performance Metrics.

ORDER APPROVING THE SCORECARD FOR USE
BY THE COMMISSION AS A GUIDANCE DOCUMENT
TO ASSESS ELECTRIC UTILITY RESPONSE
TO SIGNIFICANT OUTAGES
(Issued and Effective December 23, 2013)

BY THE COMMISSION:

INTRODUCTION

The provision of safe and reliable electric energy is critical to the health and safety of New Yorkers and a fundamental responsibility assigned by statute to our utilities.¹ This responsibility is often most challenging during and after a major storm or an extraordinary event has resulted in significant electricity outages in the utility's service territory. Our assessment of the importance of this responsibility was reinforced by our recent experiences with Hurricane Irene, Tropical Storm Lee, and Superstorm Sandy. Each of these extreme weather events resulted in the loss of electric service for hundreds of thousands of customers over extended periods of time. We saw repeatedly the fundamental importance of an

¹. Public Service Law (PSL) § 65.

Informed public and local governmental officials and safe and efficient service restoration for affected communities.

Utility performance before and during these major outage events varied greatly. While additional focus on investments that improve system resiliency are critical, it is also clear that there are a number of areas where improved performance will help reduce the impacts of the storm event and/or increase consumer safety and security. For example, significant aspects of the utility's actions prior to the outage event to prepare and plan in anticipation of its recovery efforts, the utility's operational performance as its recovery efforts proceeded, and the utility's communications with the public and with public officials during and after the storm are operational areas under the control of utilities that can directly impact storm restoration. Operational excellence in these areas will contribute greatly to the utilities' overall efforts to maintain and restore service and to reduce community anxiety when service is yet to be restored. The purpose of this proceeding was to develop a quantitative tool that the utilities and the Commission could apply to assess electric utility performance in restoring electric service during outages which result from a major storm or other outage event. The Scorecard which we adopt in this Order will support this performance based evaluation. It will provide us with a valuable guide to determine best practices during these challenging events, ensure continuous improvement and hold utilities accountable for failing to meet the legitimate requirements of their customers. Through the use of this guidance tool we come closer to our goal of performance based assessment through which deficient utility practices and decision-making can be identified and disincented and excellent utility performance can be recognized and rewarded.

BACKGROUND

In April 2013, we instituted this proceeding to consider the development of a Scorecard to serve as a tool for the quantitative assessment of New York State electric utility performance in restoring power to customers after a significant outage. In our April 24, 2013 Notice Seeking Comments we sought comments on a draft scorecard.

That draft Scorecard began our effort to establish standards that will promote effective emergency response. As we noted at that time:

Holding utilities accountable to such standards can help assure that they have the ability, capacity, and mindset to act quickly and effectively. While outage events can never be entirely eliminated, these

*metrics will establish minimum performance levels against which to assess restoration after significant outages.*²

The Scorecard we adopt with this order will function as an objective tool to assess each utility's outage event response efforts, and to guide us as we seek to hold the utilities accountable for their preparations for outage events, for their actions during an outage event and their recovery programs when the outage event has passed, and for their communications programs in conjunction with the event.

The Scorecard will also provide greater guidance to utilities as to our expectations for their restoration efforts. It will better enable the utilities to assess their own performance and to concentrate resources proactively in areas where improvements are needed. Corporations use key performance indicators (KPIs) to establish performance expectations, measure their achievement and identify areas of focus for improvement. The Scorecard we are introducing today is intended to serve as a critical tool that can be similarly used by utilities and the Commission to measure performance with respect to safe and timely electric service restoration after major outages. Recent experience has shown that it is difficult to perform an assessment of the utility response to major storm events or outages without the capability to define and apply the constituent metrics for preparation prior to the event, operational response during and after the outage event, and utility communications to customers and community leaders as the event and recovery from the event are occurring. The Scorecard is a major step toward creating that capability.

The Scorecard we adopt here has been developed to work with the recent amendments to the Public Service Law (PSL), including the new provisions regarding administrative penalties³. These new provisions, among other things, require electric corporations to file emergency plans annually, specify subject areas to be covered in the emergency plans subject to Commission review and approval. In conjunction with these statutory provisions, the Scorecard will be a guide for assessing the performance of utilities in connection with their outage restoration efforts. Although we intend the Scorecard to apply specifically to major outages, as Staff gains experience with its use, it may make recommendations to the Commission to apply the Scorecard, or to apply a modification of the Scorecard, to other outages or for other action as may be appropriate.

2. April 24, 2013 Notice Soliciting Comments at 2.

3. PSL § 25-a.

Up to now, the two primary metrics upon which we rely to measure reliability are the System Average Interruption Frequency Index (SAIFI) and the Customer Average Interruption Duration Index (CAIDI)⁴. We currently use the SAIFI and CAIDI metrics to establish targets for acceptable performance as part of each utility's Reliability Performance Mechanism (RPM). The utility RPM is a part of the utility's rate plan, and, when used for this purpose, the SAIDI and CAIFI metrics only measure utility performance in providing reliable electric service during normal conditions. They expressly characterize major outage events as abnormal and exclude utility performance during these major outage events. As such they were not intended to, cannot and do not provide any quantitative measurement of utility performance during a major outage event. They do not provide an objective measurement of utility performance during those periods. Finally, the RPMs measure the utility's overall reliability on an annual basis. In contrast, the Scorecard will be used as a tool to specifically measure utility performance (including preparation and communication activities) after each significant major outage.

The Scorecard we adopt today assigns metrics and points into three categories: Preparation (150 points), Operational Response (550 points), and Communications (300 points). The three categories are intended to capture the key activities associated with major storm events. The Preparation metrics focus on utility activities in anticipation of a significant outage event.⁵ The second category, Operational Response, evaluates the utility's performance as a significant outage event is occurring and during the recovery period after the event until normal service is restored.⁶

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4. SAIFI is the average number of times that a customer is interrupted during a year. CAIDI is the average interruption duration time for those customers that experience an interruption during the year. Both of these metrics are common, industry-wide performance measures.
 5. An example of a Preparation metric is Employee/Contractor Planning. This metric assesses the utility efforts to contact employees or contractors before the event occurs to review the roles they may be expected to fill if the outage event occurs. This metric is one of eight in the Preparation category and is assigned 15 points.
 6. An example of an Operational Response metric is Down Wires. This metric measures, for a three to five day event, whether the utility (through utility personnel or contractors) responds to a downed wires report within 18 hours, or, for a greater than 5 day event, within 36 hours. The metric is one of 12 in the Operational Response category and is assigned 60 points.

The third category, Communications, assesses the utility's ability to receive and to disseminate information about the outage event and about the recovery process.⁷ The specific metrics and point assignments under each category are set forth in the Scorecard attached to this order in Appendix A and in the accompanying Emergency Response Performance Measurement Guide (Performance Guide) which is also attached in Appendix A.

The Commission first issued a Notice Soliciting Comments on April 24, 2013 to obtain input on a draft Scorecard. Two parties submitted comments, the City of New York (City) and jointly Central Hudson Gas & Electric Corporation, Consolidated Edison Company of New York, Inc., New York State Electric & Gas Corporation, Niagara Mohawk Power Corporation d/b/a National Grid, Orange and Rockland Utilities, Inc., and Rochester Gas and Electric Corporation (Joint Utilities) (together the Parties). Based on the comments received and additional discussions and further consideration of this issue, a second draft Scorecard was developed in August 2013 (August Scorecard). The August Scorecard was released for a second round of public comment on August 19, 2013. In addition to some clarifications to the measures identified and definitions used in the first Scorecard, the August Scorecard also introduced the Performance Guide to be used in conjunction with the Scorecard, and further specified the areas that will be reviewed to assess utility performance. We are considering here the comments from the City and Joint Utilities on the August Scorecard.

7. An example of a Communications metric is Municipal Calls. This metric evaluates whether telephone conference calls are held at least daily and are effective in communicating baseline information, updates on road clearing activities, and allow for two way communications between the utility and municipal officials, including communications concerning downed wires. It also assesses whether the utility has implemented an operator assisted calling system. This metric is one of eight in the Communications category and is assigned up to 40 points.

DISCUSSION AND ANALYSIS OF COMMENTS

Discussion

As noted above, the Scorecard is intended to provide objective standards by which this and future Commissions will be able to gauge utility performance in maintaining electric service following major outage events. We adopt this measure because lack of reliable electric service during and following a major storm imposes great stress and safety risks on local communities. The establishment of these Scorecard metrics is designed to measure objectively how a utility's actions or inactions minimized or aggravated the affected communities' disruption, anxiety and stress. It also provides the further benefit of identifying the areas of storm related actions that a utility should focus on to continue to improve its performance. Moreover, in the event that we find a particular metric is not serving its intended purpose, the Scorecard design can be easily modified on a going forward basis to ensure that the right measurements are being used.

We understand the concerns expressed by some parties that the implementation of the Scorecard may have unintended consequences. For this reason, the Scorecard will be a dynamic and fluid tool subject to periodic review and improvement. Future modifications to the Scorecard may be necessary, as lessons are learned through the evaluation of restoration events, to mirror changes in utility emergency plans, or as changing circumstances warrant. By establishing metrics in the Scorecard, we are setting performance expectations. However, as in any measurement activity, the successful measurement tool is the one which focuses on the right outcome and affords appropriate weight on each measurement.

For this proceeding, Staff developed draft scorecards which could be used to evaluate utility performance, and since the inception of this proceeding we have provided two opportunities for interested parties to comment on the proposed program. Both the City of New York and the Joint Utilities provided general comments regarding the use or nature of the Scorecard and specific comments concerning the April and August Scorecard. We will consider first the parties' general comments.

General Comments

1. Application of the Scorecard to Utility Divisions or to Non-electric Services. The Joint Utilities state that the Scorecard should apply on a Companywide level, rather than to the specific division or portion of the utility service territory affected by the outage event, and they opine that a piecemeal approach does not provide an accurate overall assessment. This utility comment is directed to those instances where the utility service territory is made up of several geographically distinct areas. Because a utility's service territory is broken up in this way, different utility districts may have different storm response experiences, and Scorecards completed for each district could show very different results. The Joint Utility comment seeks to have these Scorecard results aggregated into a single Scorecard which reports the utility's performance as a whole. However, where these geographically distinct areas are separate from each other, the application of the Scorecard to the utility as a whole may mask inadequate utility performance in a specific division. For this reason, the Scorecard measurements will reflect outage and restoration times on a division wide or district basis.

2. Development of Scorecards for Gas and Steam Services. The City recommends that, for those utilities that provide multiple services, the Commission apply the Scorecard to evaluate the performance of utilities in maintaining performance in all service categories, i.e., gas and steam as well as electric. The City observes that Hurricane Sandy demonstrated a need to monitor and measure the utilities' total performance in preparing for and recovering from major storm events, and that gas and steam systems are equally or perhaps more vulnerable to disruption than the electric system. The City further comments that if the Commission utilizes the Scorecard to evaluate utilities' performance, the utilities should not be evaluated based on the totality of their performance, but that each category of the Scorecard should be assessed separately.

The Commission agrees that the concerns about electric utility performance following major storms are applicable to other essential services, including heating and water. However, at this time, we believe it is premature to expand the application of the Scorecard approach to these other services. There are several reasons that we reached this conclusion.

First, the Scorecard is specific to electric utilities because we have seen that the most comprehensive and pressing need and, hence, the greatest benefit to customers and the public is from utility performance in this area. Second, as a practical matter, electric utilities have historically been affected more by storms than other regulated services. By adopting a Scorecard for use in evaluating the outage event response of our electric utilities, the Commission will gain critical experience in determining how best to establish best practices with respect to storm related restorations.

3. Short-term events and Scorecard application. The proposed Scorecard would be applicable to events where the restoration of service requires three days or more. In its comments, however, the City recommends that the Scorecard be applied to all outages 1) lasting 24 hours or more, 2) affecting 2.5% or more of customers within an operating area, regardless of duration, or 3) disrupting service to one percent or more of customers in an operating area for at least 12 hours. The City contends that the significance of an outage should not be determined simply by the length of the outage.

Due to the smaller impact expected to result from shorter duration outages (the first of the City's three parts), and the utility's general ability to mobilize personnel to respond to shorter duration outages, we find that the completion of a Scorecard evaluation for shorter duration events would furnish insufficient additional benefit on a statewide basis.⁸

The second part of the City's proposed three-part approach calls for implementing the Scorecard if service is interrupted to 2.5 percent or more of customers within an operating area, regardless of duration. However, based on those criteria, in some operating areas in upstate New York, the Scorecard would be triggered if fewer than 1,000 customers lost service, regardless of the duration. The final part of the City's approach for an outage affecting one percent of customers for twelve hours or more, could reduce the threshold for Scorecard implementation in certain operating areas to fewer than 500 customers. Modifying the Scorecard to reflect these criteria could result in excessive Scorecard reporting.

8. Our use of the Scorecard data to complete a Scorecard evaluation for less severe outage events is not anticipated at this time. Such use, if undertaken, would be based on our determination at that time and on Staff's recommendation that the particular circumstances associated with that less severe event justified the completion of a Scorecard evaluation.

We understand the City's concern that an outage of shorter duration could have severe effects in New York City based on the unique nature of Con Edison's underground network in the City when compared to the rest of New York State. Because of this, we will apply the Scorecard to network outages in New York City, utilizing the definition of a network outage contained in the Con Edison Reliability Performance Mechanism which defines a network outage in New York City as the "interruption of service to 15 percent or more of the customers in any network for a period of three hours or more."⁹

4. Definition of Time Periods and Alignment with Utility Emergency Plans. The Joint Utilities and the City generally support the concept of using a scorecard to gauge utility performance as they respond to outage events and agree with the three categories contained in the Scorecard: Preparation, Operational Response, and Communication. However, they state that the metrics within these categories must be clearly defined. They also are concerned that there are disparities between the Scorecard and the utilities' emergency plans. Finally, they assert that the use of the Scorecard could have unintended adverse consequences.

9. We understand that application of the Scorecard to Con Edison's network outages means that some of the measures contained in the Scorecard will not apply. For example, there are no downed wires for a network outage because the network cables are located underground. In the Operations category of the Scorecard, however, we expect the utility to issue a local ETR and coordinate with appropriate New York City offices. Furthermore, we will apply the Communication metrics to a network outage.

In response to these comments, the Scorecard is accompanied by a Performance Guide to provide greater clarity and precision to the metrics being used in the Scorecard. Most notably, the Performance Guide now includes definitions for: Start of the Event¹⁰, Customer Restoration¹¹, Outage Duration¹² and Start of Utility Restoration¹³. Further, to ensure clarity in understanding the specific metrics, each of the metrics that incorporate a timing component has been modified to reference one of these time definitions. For example, the Call Answer Rate metric will be measured from the “Start of the Event” to ensure customers can contact the utilities during a storm. Operational metrics, such as the Preliminary Damage Assessment measure will be measured from the Start of Utility Restoration, which corresponds to the time at which the company can dispatch field personnel without unacceptable safety risks. These changes reflect existing emergency plan practices.

The further concern expressed by the Joint Utilities is that the Scorecard does not mirror each utility’s electric emergency plan. However, we find that the proposed Scorecard appropriately reflects statewide restoration expectations for the utilities, and these expectations should be reflected in the emergency plan filings. For example, the metric for Municipal Coordination within the Operational Response category explicitly incorporates the protocols for coordination with municipal officials which are or will be found in the utility’s Commission approved Response Plan. The Scorecard measurements are intended to align with specific portions of the utilities’ electric emergency plans which have been or will be filed with the Commission.

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10. The Performance Guide defines the Start of the Event as the time when more than 5,000 customers are interrupted within a division for more than 30 minutes or when more than 20,000 customers are interrupted companywide for more than 30 minutes. If the event affects less than the customer counts listed, the start time shall be the earlier of the peak level of interruptions or the start of utility restoration.
 11. Customer Restoration is defined in the Performance Guide as complete when for each customer, service has been restored or service is available but would be unsafe to restore due to damage with customer-owned equipment or a compromised structure.
 12. Outage Duration is defined in the Performance Guide as the time period between the start of the event and customer restoration for all customers affected by the storm.
 13. Start of Utility Restoration is defined in the Performance Guide as the point in time when field personnel are able to be dispatched without unacceptable safety risks from continued severe weather conditions (where adverse weather conditions are applicable) and when the potential additional damage to the electric system from the storm would be low in proportion to the expected level of damage already sustained. The start of the restoration period may be different for distinct areas where the effect of a storm limits access to facilities (e.g., severe flooding).

5. Outage Duration and Restoration Time. The Joint Utilities recommend changing the Outage Duration definition so that this period would begin at commencement of utility restoration, rather than, as proposed, at the Start of Event, and end with the completion of customer restoration. Defining Outage Duration to begin at the Start of Event rather than the start of the Utility Restoration, however, is more appropriate because customers experience an outage when they lose power, not when electric utility personnel begin restoration. Therefore, the Scorecard will retain the definition of Outage Duration as the period of time which begins with the start of the storm event. The City comments are in accordance with this definition.

In its comments, the City recommends that the definition of restoration should specify that restoration time is to be measured from when a storm ends. The City favors this measure of restoration time because it would allow the utility to wait to begin restoration until it was safe for workers to be in the field. The City also states that the appropriate pre-emptive shut down of equipment to minimize potential damage should not affect the measurement of restoration times. Our definition of utility restoration in the Performance Guide is consistent with the City's observation.

6. Metrics for Preparation Category. Both the Joint Utilities and the City suggested that the importance of preparation relative to the other two scorecard categories is significantly understated. To correct this imbalance, the Parties recommend increasing the significance of utility preparedness in the Scorecard from 10% (or 100 points, as originally proposed) to 20% (or 200) of the total points. Preparation is an essential element of the utility response to an outage event. In many cases, the public perception of an adequate storm response is based on actions the utility is able to take only because its preparations were comprehensive and timely. We agree with the City and Joint Utilities that more points should be assigned to the Preparation category of the Scorecard, and we will re-allocate 50 points from the Operational Response category for this purpose. However, reducing the Operational Response weighting further or reducing the Communications categories at all would diminish the effectiveness of the measures contained in each of these categories. Moreover, it is clear that successful utility programs for Operational Response and for Communications depend fundamentally on excellent preparation, and, in most cases, inadequate preparation cannot be overcome by excellent Operational Response or Communications. Because of this, preparation is measured in its own category and, indirectly and in part, in each of the other categories as well. Therefore in the Scorecard we adopt, the total of 1000 points will be allocated to each category as follows: Preparation 150 points, Operational Response 550 points and Communication 300 points.

7. Partial Scoring and Points for Exceeding Expectations. In the most recently proposed scorecard, certain metrics were structured to allow a utility, which does not meet the scorecard metric for

the full amount of the points associated with that metric, to win some, but not all, of the available points. In the Joint Utility comments, it is urged that such “partial scores” should be permitted for additional metrics. At the same time, some of the proposed categories allowed the utility to gain additional points under certain metrics through performance that “exceeds expectations”. The Joint Utility comments also objected to these metrics urging that performance that meets expectations should be provided the full number of points available through that metric. We reject each of these comments. The instances of partial scoring as originally proposed should be continued.¹⁴ The metrics using partial scores appropriately divide the points available under that metric to a number of submetrics. This assures that the utility response will be appropriately comprehensive and wide ranging and provides a truer picture of the elements of performance which make up that metric. Similarly, the incremental award of points for performance that exceeds expectations usefully provides a clearer picture of the evaluation which the Commission will make of the Scorecard data for that metric when it is supplied concerning these outage events. This helps the Commission to signal clearly its intent to incent “above expectation” performance under these metrics.

8. Time to Provide Scorecard Data. The Joint Utilities propose that the deadline for Scorecard data be changed from thirty to sixty days as required by Part 105 for post-storm reports. Part 105 post-event reports require data collection, analysis of the data, and the development of lessons learned. The Scorecard, however, requires the utilities to submit only the data for Staff’s analysis within thirty days of customer restoration without the additional requirements of the Part 105 post-storm report. Because the degree of effort to provide data as required pursuant to the Scorecard does not rise to the level of that required for a Part 105 post-storm report, and because of the importance of acquiring the Scorecard data quickly, we will retain the thirty day filing requirement.

9. Linkage with Outage Policy Case. We recently acted in the Outage Policy Case¹⁵ to further define the actions a utility must take to provide credits to customers who lost service when a prolonged electric or gas outage occurs. In its comments, the City and the Joint Utilities assert that there should be no linkage between the Scorecard and the policies and customer benefits being addressed in the Commission’s Outage Policy Case, 13-M-0061 (Outage Policy Case).

14. In the Scorecard, partial points could be attached to three metrics: accuracy of Estimated Time of Restoration (ETR), call answer rates, and Life Support Equipment (LSE) customer contacts. The instances of partial scoring are outlined in the Performance Guide included in Appendix A.

15. Case 13-M-0061, Matter of Customer Outage Credit policies and Other Consumer Protection Policies Relating to Prolonged Electric or Natural Gas Outages.

We agree that the process and remedies provided through our Outage Policy Case would be unrelated to and independent of the Scorecard evaluation we describe here. Indeed, the Scorecard evaluation and the implementation of the Outage Policy Case results will not necessarily occur with respect to the same outage events. In addition, the purpose of the Scorecard is to build a performance measurement tool to guide the utility's and the Commission's evaluation of the utility's performance during outage events. The remedies defined in the Outage Policy Case do not and are not intended to address utility performance or any lack of performance. Further, the provision of benefits to customers under the Outage Policy Case does not depend on utility performance during the outage event.

Comments on Scorecard Categories

The Scorecard we adopt describes metrics in three identified categories – Preparation, Operational Response, and Communication. We address the comments for each of those categories individually below.

1. Preparation. A utility's successful response to outage events begins with planning. Effective emergency plans define roles, responsibilities, standard operating procedures, mutual assistance procedures, communications procedures, and training programs. In preparation for an event that is forecast in advance, an emergency plan provides guidance regarding the pre-event preparation. For an event with less warning, the emergency plan provides for the quick activation of resources once the event's size is established. Training ensures that employees who have responsibilities during the outage response as a secondary responsibility are capable of completing assigned restoration tasks. Training must also take into consideration staffing changes, employee turnover, and competing job priorities.

In the days leading up to storm events, the electric utilities begin implementing the guidelines contained in their emergency plans.¹⁶ The electric utilities closely monitor the forecasts and predictions for the weather events and participate in conference calls hosted by the National Weather Service. Using the weather forecasts, the utilities make determinations about how to pre-stage crews, materials, and equipment for the areas likely to be affected by the storm. The forecasts also enable the utilities to estimate the amount of damage and develop staffing levels based on the predicted severity of the event.

The emergency plans require specific actions to be taken to prepare for a storm. Such tasks include arranging meetings and conference calls between internal company personnel, local municipal officials, Department Staff, contractors, and regional mutual assistance groups. Advance communication of predicted conditions to both internal and external stakeholders aids those involved to make decisions about preparing for the expected emergency and gives customers time to make appropriate plans. Preparation time is especially important for Life Support Equipment (LSE) customers and managers of Critical Facilities. Pre-event safety advice to customers is also important to prevent accidents involving downed wires. Early communication regarding expected weather conditions and potential damage assists local municipalities' efforts to prepare available resources to protect communities, communicate preparatory requirements to citizens, and facilitate restoration efforts.

¹⁶ During this time, the utility closely monitors the forecasts and predictions for the weather events and participates in conference calls hosted by the National Weather Service. Many of the utility's actions in the period before a storm event closely depend on an accurate assessment of the weather information available to it. In many respects, the adequacy of the utility's storm response will depend on the utility's ability to acquire and properly evaluate high quality weather information and forecasts and to use this information to predict system impacts and to tailor its response accordingly.

In their comments with respect to the metrics in the Preparation category, the Joint Utilities expressed concern about the use of the Scorecard for events with little or no warning, like a tornado, and in which there could be inadequate time to satisfy the measures assessed in the Preparation category.¹⁷ We understand the Joint Utilities concern that the response to an unforecasted extreme weather event may not include as comprehensive a preparation as would otherwise be the case. We have adjusted the Scorecard to account for this by recognizing that, for events with limited warning, some of our measures could be impractical to implement. In general, for any metric that Staff deems inapplicable, the points for those measures will be excluded and the overall score of the three categories combined will be prorated.

The Joint Utilities also request that the Training Measure in the Preparation category be removed from the Scorecard because training is an ongoing process that does not occur only when a utility is preparing for a storm. The Utilities indicate that because PSL § 105 requires utilities to perform an annual storm drill, the training required by the Scorecard is duplicative. While, as the Joint Utilities assert, each utility conducts an annual storm drill, those drills would not normally encompass training for each member of the storm response team. The training to which the Scorecard metric refers is, therefore, more comprehensive and reaches more broadly into the organization. During emergency events, many utilities utilize employees in roles outside of their normal day to day activities to aid in the restoration goals, and specific training for those storm roles is essential. Training continues to be an integral part of effective restoration and is appropriately included in the Scorecard metrics.

Finally, in their comments for the metrics in this category, the Joint Utilities state that without further clarification, the measures in the preparation category may drive up storm preparation costs by causing the utilities to “over prepare or pre-stage” in advance of a storm. As a case in point, the Joint Utilities cite Long Island Power Authority’s (LIPA) experience in September 2010 where they indicate the cost of pre-staging crews to respond to a hurricane exceeded \$22 million, but only minimal damage occurred, resulting in the need for fewer crews than anticipated.

¹⁷ There may be sudden unforecasted weather events, like a tornado, for which the time to prepare is very short or is eliminated. However, the instances of such severe weather having impacts over a wide area for three days or more are rare. In such cases, the Commission will be flexible in applying the Scorecard metrics and determining what constitutes best practices on an evolving basis.

The Joint Utilities further assert that the measures in the preparation category may cause utilities to over prepare and drive up storm preparation costs unnecessarily. In this area, as in all others, we are mindful of the possibility that utility expenditures may become uncontrolled and excessive. However, we find that the metrics in the Preparation category are fully in line with our goals for utility preparedness. Based on the weather information available to it, the utility should prepare for the storm which is forecast. If a forecast storm dissipates or changes direction before damages are done to the utility's equipment, the utility's preparation activities are not over preparation. However, were a utility to over-prepare or unnecessarily drive up preparation costs, our normal oversight mechanisms should be able to identify this and to respond appropriately.

In its comments, the City urges the addition of a new metric to the Preparation category of the Scorecard to measure system resilience. The City contends that a resilience measure is a longer term measure of storm preparedness. It also believes the scoring system should be modified to assign additional weight to resiliency and other actions taken to minimize outages.

We agree with the City that system resilience is important in minimizing damage. Because the Scorecard is intended to address the Companies' response to appropriately meet the challenge of restoring service promptly and efficiently, the Scorecard metrics should over time reflect the degree to which a utility has implemented effective resiliency measures. A company with a highly resilient system would be expected to experience less of an outage or be able to restore service more quickly than a less resilient system. We acknowledge the importance of this issue and will consider including other measures of resiliency as the Scorecard continues to be refined in the future. The Scorecard is expected to drive improvements in performance, both with regard to resiliency and to restoration. In the event that the Scorecard does not lead to the desired performance, we will re-examine the metrics.

2. Operational Response. The objective during any storm or emergency restoration effort is to make conditions safe, manage repairs efficiently and safely, and restore customers as quickly as possible. The Operational Response measures are intended to evaluate the utilities' performance toward these objectives. Operational Response measures include management of downed wires, damage assessment, crewing, mutual assistance, estimated restoration times, safety, and coordination with municipalities, emergency operations centers and other utilities. During the initial response to a large event, one of the greatest safety concerns is managing down or low hanging wires. In addition to guarding down wires, the utilities must manage its response to fix these unsafe conditions. Communication and the exchange of information with other utilities and elected and municipal officials is

essential for public safety during the initial response. Damage assessors are also dispatched to survey and document the damage. Accurate damage assessment is a critical function in the early stages of the restoration process because it provides the information that allows the companies to determine how many in-house and mutual assistance crews are needed for the restoration. A good assessment permits the utility to evaluate how much and what type of equipment and material will be needed, and refine its customer outage estimates. Damage assessment information is also used to prioritize crew assignments and to determine the appropriate Estimated Times of Restoration (ETRs).

ETRs are critical for consumers, municipal officials, and emergency support personnel to be able to plan properly for the protection of people and property. ETRs are also important to customers who have lost service so they can plan for their personal welfare. The Scorecard measures three types of ETRs: global, regional, and local (municipal). The electric utilities must refine their ETRs as the restoration progresses using the most up to date information available. By providing ETRs for smaller geographic areas, the companies can increase the accuracy of the information they present to customers. To be informative and useful, the ETRs must be timely, accurate, and made widely available. The utilities must perform well at developing each level of ETRs since they are interrelated, build on each other as the restoration progresses, affect public safety, and could delay other restoration activities.

The publication and accuracy of ETRs is one of the most important components to be evaluated when reviewing utility performance. Currently, protocols regarding the timely development and communication of ETRs are being used by all investor-owned utilities and are the basis for our ETR measures. As part of the recent emergency plan review process, the ETR protocols were modified and now, as modified, must be integrated into utilities' plans.¹⁸ Given the importance of ETRs, the proposed metrics consist of several performance tiers and the methodology rewards utilities for performance that exceeds expectations.¹⁹

¹⁸ Case 13-E-0198, In the Matter of 2013 Electric Emergency Plan Review, Order Approving Electric Emergency Plans (issued August 16, 2013).

¹⁹ While the Joint Utilities hypothesize that a utility might "game" the Scorecard by deliberately delaying storm restoration. However, storm response is too complicated and involves too many actors working in close cooperation for actual "gaming" to the advantage of the utility to be feasible.

The Joint Utilities commented that utilities should be scored only for appropriately responding to emergencies. To encourage utilities to develop and publish ETRs, however, we believe it appropriate to maintain the tiers that reflect a utility's performance in exceeding expectations in accordance with the Scorecard. The accuracy measures, however, have been simplified. Global ETRs are the first ETR issued by a utility post-storm and are based on preliminary damage assessments, system monitoring capabilities, and initial crewing availability, which is why the utilities are only expected to meet an accuracy measure of plus or minus 24 hours. The companies, then, have an additional twelve hours to perform further damage assessments before they are required to issue regional and ultimately, local ETRs. Thus, the expectation of accuracy is more stringent with respect to the accuracy for Regional and Local ETRs because the utilities have more data and information when they issue these ETRs. Both the publication and accuracy measures also reflect different performance expectations depending on the duration of events, which is consistent with the revised ETR protocols provided in Appendix A.

The Joint Utilities' comments state that certain metrics should reflect different expectations for outages where restoration takes three to five days and for those where restoration takes longer than five days. The Joint Utilities believe that by treating these situations separately, thresholds can be set that are more reflective of appropriate response performance. We recognize the benefit of differentiating metric results for events with shorter or longer durations. Our use of the ETRs metrics reflects this and provides additional time for the release of ETRs if there is an outage where restoration takes greater than five days as compared with an outage where restoration takes less time. In response to the comments, we identified additional operational measures, such as Down Wires and Mutual Assistance requests where differentiation in time periods is also appropriate.

The Joint Utilities contend that it is impossible to predict resource requirements before any damage occurs and then to have 100 percent of the necessary crews in place. Additionally, although a utility may request crews through mutual aid, they rarely receive the number requested. The Joint Utilities are concerned that the proposed measure will place additional pressures on already scarce mutual aid resources, resulting in the unavailability of crews for utilities that truly need them. Rather than requiring the presence of all forecasted crews, as proposed in the initial request for comments, the Joint Utilities recommend modifying the crewing metric to be a percentage of forecast crewing "committed" to the restoration available to the utility for restoration. The Joint Utilities further clarify that committed should be defined as: (i) on property; (ii) in route; and/or (iii) committed through the mutual aid process and additional crews obtained after the initial forecast and/or after the start of restoration should not be considered when determining compliance. As part of the second round of

comments, the Joint Utilities did not comment on the specific definition of the crewing metric; however, they did comment that the crewing metric should not apply to large scale outages (e.g. Superstorm Sandy).

Crewing is a dynamic component of outage restoration based on damage predictions, sustained damage levels, and availability of mutual assistance. We recognize that crews can arrive at different times in the restoration process and it is not our intention to create a metric that would act as a disincentive for staffing at proper levels or limit the sharing of available resources. The intent of the measure is to assess whether the utility has secured adequate resources to perform work in the initial stage of restoration. Staff and the Joint Utilities agree that the Crewing metric is best expressed as the commitment of a percentage (80%) of the requested crews being available within forty eight hours from the start of restoration.

We disagree, however, with the Joint Utilities' suggestion to limit the measure of crewing to include only a utility's initial request. The Scorecard will evaluate performance based on responses following requests made within 48 hours from the start of restoration. By doing so, this metric will capture changes to crewing levels based on known sustained damage following completion of primary damage assessment. We believe this measure satisfies our goal while still allowing companies to freely obtain additional resources to assist in the restoration as they are released from other utilities. We disagree with the Joint Utilities recommendation that the Crewing metric not apply to large scale events like Superstorm Sandy, especially given the important lessons learned from recent severe storms. Superstorm Sandy emphasized that utilities need to plan for large scale outages and create the framework for effective restoration for all events, from small snowstorms to Superstorm Sandy level outages.

The Joint Utilities' comments further recommend the elimination of the "idle time" metric from the Operational Response category. They explain that while there are times where it may appear that crews are idle, in actuality, their appearance is fully consistent with the prompt and efficient restoration of service. The Joint Utilities also point out that utilities do not assess or track idle time and doing so would require a great effort and increase costs. In response to this comment, we believe that it is important for utilities to effectively use their resources during storm restoration, and, based on the Joint Utility comment and Staff's recommendation, we are persuaded that it would not be an efficient or effective use of resources to collect this "idle time" data during an event. For this reason, we have removed this metric from the Scorecard. Nonetheless, this is an important issue and we ask Staff,

through its continuing work on electric emergency plans, to devise other measurements to improve performance in this area.

The Joint Utilities also assert that a wire guarding metric should not be measured as initially proposed. Instead it believes the measure should be consistent with the recently amended PSL²⁰, which requires utilities to secure downed wires within 36 hours of notification from a municipal emergency official. The Joint Utilities also expressed concern that the wire guarding performance metric presents a challenge because their current computer systems do not record the length of time between when a downed wire is reported and when a crew arrives on scene to guard the wire.

With regard to wire guarding, because the law is intended to manage the wire guarding process with emergency officials, and because utilities will be interacting with municipalities on this basis, we believe that modifying the current Scorecard metric is appropriate to distinguish between three to five day events and events that last more than five days. We do not, however, find that a 36-hour response is indicative of adequate performance levels for events with three to five day outage durations. Therefore, we have established an 18-hour requirement for such events. Events with outage durations of more than five days will be measured using the 36-hour requirement of the PSL. With regard to the wire guarding record keeping concern expressed by the Joint Utilities, utilities already need to rectify this tracking deficiency in the short term in order to comply with the PSL.

Finally, the Joint Utilities' comments recommend utilizing a Safety metric which, for each utility would "not exceed two times the individual utility's Operations safety performance record from the prior year." However, using a utility's operational safety record from the prior year as the standard for this metric would not drive safety improvements. If, for example, a utility performed poorly in the previous year, it would only have to improve against this low standard in the subsequent year. However, we agree that the goal of the Safety metric is to measure the occurrence of serious injury. To further clarify our use and understanding of this metric, we will define "serious injury" as an injury which results in hospitalization, medical treatment beyond first aid, or death. At this time, we have not established the threshold (serious injury/employees) at which to set the Safety metric. We will, therefore, retain the metric at zero injuries, with the understanding that this metric may change as we gather more information from the utilities in future major restorations.

20

PSL § 66(21)(a)(xi).

3. Communication. Efficient and accurate communication is a critical component of emergency management. Important communication aspects of emergency management include informing customers about an impending outage, keeping local authorities informed of damage assessments and estimated restoration times, and informing end users of safety measures and the availability of necessary supplies in a timely manner. Communication delays and misinformation increases confusion for customers. Traditional print and electronic media will continue to serve as a useful means for utilities to communicate with the public. It is critical, however, that utilities also use other available progressive technologies. For example, social media and text messaging will play an increasingly vital role in outage communications.

An important element of effective communication is communication with elected officials and interested members of the public. It is critical that these individuals, as well as customers, receive the timely and accurate information they need in order to reduce confusion, increase confidence in their utility, and for the purpose of taking appropriate action. Elected officials in particular have broad interests in storm related information. Their concerns include public safety, damage assessments, resource availability, and regional and local ETRs, among other things.

The proposed Scorecard includes metrics related to the issuance of press releases, text messages and emails, the conduct of municipal calls and the effectiveness of the calls, the contact with LSE and other Critical Customers which includes hospitals, and police and fire departments, utility call center call answer rates, the publication of ETRs and the availability of information on utility websites and through other communication medias. The proposed Scorecard also provides points for the successful implementation of operator assisted municipal calls.

With regard to communications, we identified several areas where communication measures could be combined and evaluated as a whole rather than separately. For example, among the communication vehicles currently employed by utilities in emergency situations are the presentation of information through press releases, text messaging, emails, and social media. When multiple vehicles are used, utilities need to ensure that a consistent message is being delivered to avoid customer confusion. The Scorecard now consolidates several communication tools, including press releases, text messaging, emails, and use of social media, into a single measure. Utilities will be evaluated on whether messages are provided in a timely manner and whether messages address key components of the restoration, in consideration of the space limitations the Joint Utilities identified.

In their specific comments for the metrics in the Communications category, the Joint Utilities objected to the requirement that an outgoing message on the utility telephone line

contain the same information as the press release. They state that the information that can be included in an outgoing message is limited and messages containing too much detail will be cumbersome and will reduce the amount of time it takes for a customer to reach a service representative. We have modified the Outgoing Messages measure to require that the message be updated within one hour to ensure consistency with other information being released to customers. We believe these changes allow the utilities to customize their messaging to maximize the effectiveness of current and future communications vehicles. We expect utility communication to be up- to-date, clear, and consistent across different media.

The Joint Utilities further propose reducing the Municipal Calls Metric from three to two measurement criteria and removing subjective terms, such as highly effective and effective, from the evaluation of municipal calls. We continue to emphasize, however, the importance of the utility's municipal calls during an outage event. Therefore, Staff will continue to monitor municipal calls, which should be held at least daily, until 90% of the affected customers have been restored. In response to the Joint Utilities' comment that the criteria for measuring the effectiveness of municipal calls is subjective, it is important to note that municipal calls will be measured not only by how effectively the calls are conducted, but also, whether the calls are held at least daily in compliance with the Company's approved electric Emergency Plan. In addition, as set forth in the Scorecard, in order to determine municipal call effectiveness, consideration will be given to: 1) whether the arrangements for the municipal call were correctly communicated to stakeholders; 2) how the call was managed; 3) whether baseline information (such as the type and anticipated severity of storm or other cause of outage, geographic areas impacted, number of customers out of service, number of crews activated, ETRs per operational guidelines, and status of wires down/ road clearing activities) was provided; 4) whether the call allowed sufficient time for questions and answers; and, 5) how the Company responded to questions posed. These descriptions for the metrics to be used to evaluate Municipal Calls are sufficiently objective to provide the utilities with a clear understanding of how their performance will be evaluated.

In their comments, the Joint Utilities propose modifying the Web Availability Metric to require the availability of the website 23 hours per day rather than 24, because increased website traffic during outages will require downtime for maintenance. Further, the Joint Utilities comment that requiring hourly updates to the website is too frequent to provide customer benefits, particularly early in an event. Regarding web availability, during an emergency event, the utilities' websites must be available around the clock. Until restoration is complete, websites should be updated at least

hourly. During an event, there may be instances when no new information is available which can be reported in an update. Nevertheless, the website should indicate the time when the most recent update occurred. In the future, as Outage Management Systems are improved, we expect that the utility's outage mapping capability would enable it to indicate when, prior to the last hourly update, the most recent updating changes to the information provided by the site were made. Web sites may be off-line for short periods of maintenance during off-peak hours.

Regarding the Call Answer Rate metric, the Joint Utilities' comments object to the inclusion of a 30 point bonus for answering 90% of calls within 90 seconds. They propose instead that the metric provide 50 points, rather than 20 points, if 80% of calls are answered in 90 seconds. We will continue to emphasize, however, that the need to take information from customers cannot be understated. Therefore we will continue to base the Call Answered Measure on the utilities ability to answer 80% of calls within 90 seconds while providing additional points to utilities that achieve a call answer rate of over 90% of calls answered in 90 seconds.

The Joint Utilities' comments express concern that in some cases the Scorecard metrics do not align with approved Emergency Plans. Specifically, the LSE Customer Contact measure, according to the Joint Utilities, would require the utilities to respond differently under the Scorecard than under their Emergency Plans. For example, the Scorecard measure requires utilities to contact LSE customers within 12 hours from the start of the event. In contrast, the utilities assert that this 12 hour threshold is not currently reflected in their Emergency Plans.

LSE customers receive a higher level of communication during restoration because of their increased vulnerability during a power outage. Therefore, we will continue to evaluate utilities under the Scorecard on their ability to contact 80% of the affected LSE customers within 12 hours from the start of the event and whether, and within 24 hours of the start of the event, LSE customers were either (a) directly contacted by the utility, or (b) referred to an emergency services agency (e.g., police or fire department) for emergency assistance. While the twelve and twenty-four hour time limits may not currently be reflected in the utilities' Emergency Plans, we expect that these plans will in the future be aligned with the Scorecard on this point as well as others.

In its comments, the City of New York comments that the Communications category should be modified to treat Critical Care Facilities such as hospitals and assisted living centers in a manner similar to the treatment of LSE customers. We understand the City's concern with regard to the importance of Critical Facilities communication. In general, Critical Facilities are facilities from which essential services and functions for the continuation of public health and safety and disaster

recovery are performed or provided (e.g., hospitals, water treatment plants and fire houses). In the Preparation category of the Scorecard, we require utilities to make outbound calls to critical facilities managers prior to the onset of an outage event. Furthermore, in the Operational Response category, utilities are required to coordinate with municipalities and County Emergency Operations Centers with respect to identification of affected critical facilities and with respect to the status of restoration in accordance with approved Electric Emergency Plans. Critical Facilities such as hospitals are generally larger entities that may have personnel dedicated to communication with utilities and emergency agencies and may well have back up generation. We will require each utility's Emergency Plan to consistently define Critical Facilities as well as to maintain utility communication with such customers during an emergency.

CONCLUSION

We have examined the record in this proceeding and find that Staff's recommendations appropriately achieve the goal of developing a Scorecard for our guidance in assessing utility performance in preparation for and response to major outages. Implementation of the Scorecard will also provide greater guidance to our electric utilities as to our expectations for their major emergency response programs. We therefore direct each electric utility to provide the data described in this order and in the attached Appendix A to Staff on a per event basis within thirty days of the completion of customer restoration for that event. Staff will then use that data to determine a score for each outage for each utility. This data requirement is in addition to any reporting or other requirement, including the Part 105 outage reporting requirement that is currently in place.

The Scorecard, as described in this order, reflects, where appropriate, the concerns expressed by the Joint Utilities and the City of New York, and Staff's further consideration of these issues. The Commission adopts, in accordance with Staff's recommendations, the attached Scorecard documents as guidance for the measurement of future utility performance. It is important to note that the Scorecard will be a dynamic document, and will be refined as appropriate. To that end, Staff will monitor the extent to which the Scorecard accurately measures utility performance prior to and during emergency events and report to the Commission, as necessary, with respect to any recommended modification to further define and develop the Scorecard.

The Commission orders:

1. The Commission adopts the Scorecard in Appendix A in accordance with the foregoing Order for use as a guide in assessing each utility's service restoration programs after significant outages, to assist in holding the utilities accountable to certain performance levels, and to guide utilities as to the Commission's expectations for their restoration efforts.

2. Central Hudson Gas & Electric Corporation, Consolidated Edison Company of New York, Inc., New York State Electric & Gas Corporation, Niagara Mohawk Power corporation d/b/a National Grid, Orange and Rockland Utilities, Inc., and Rochester Gas and Electric Corporation shall submit data for the Scorecard within thirty days of the completion of customer restoration after:

- a) any outage which lasts for more than three days,
- b) any outage which is a network interruption as defined in Case 09-E- 0428,

as set forth in this order, or

- c) any other outage for which Staff requests such data.

3. The Secretary in her sole discretion may extend the deadlines set forth in this order, provided that the request for such extension is in writing, includes a justification for the extension, and is filed on a timely basis, which should be on at least one day's notice prior to any affected deadline.

4. This proceeding is continued.

By the Commission,

KATHLEEN H. BURGESS

Secretary

DRAFT EMERGENCY RESPONSE PERFORMANCE MEASURES PREPARATION (10% OF TOTAL)

| Area of Interest | Definition of Measure | Measurement Criteria | Points |
|-----------------------|--|--|--------|
| 1. Event Anticipation | Complete steps to provide timely and accurate emergency event preparation in response to the NWS or the company's private weather service, in accordance with the company's PSC approved Electric Emergency Plan, for an event expected to impact the company's service territory. | 1.1 Employees/Contractors planning | 15 |
| | | 1.2 Press Releases issued / text messages / emails sent | 15 |
| | | 1.3 Municipal Conference Calls held and highly effective | 20 |
| | | Municipal Conference Calls held and effective | 10 |
| | | 1.4 LSE customers alerted | 15 |
| | | 1.5 Point of contact for Critical Facilities alerted | 15 |
| | | 1.6 Company compliance with Training Program as specified in Commission Approved Emergency Plan | 15 |
| | | 1.7 Participation in all pre-event mutual assistance group calls | 15 |
| | | 1.8 Verify Materials / Stockpiles level based on forecast. If materials are not on hand, correct situation within 24 hours | 40 |

TOTAL 150

OPERATIONAL RESPONSE (60% OF TOTAL)

| Area Of Interest | Definition Of Measure | Measurement Criteria | Points |
|--|---|---|--------|
| 2. Down Wires | Response to downed wires reported by Municipal Emergency Official | < 18 hours (3-5 day restoration) < 36 hours (> 5 day restoration) | 60 |
| 3. Preliminary Damage Assessment | Completion of preliminary damage assessment | < 24 hours from start of restoration - | 30 |
| 4. Crewing | 80% of the forecast crewing committed to the utility | < 48 hours from the start of restoration | 30 |
| 5.Estimated Time of Restoration (Made available by utility on web, IVR, to CSR's, etc.) | Publication of Global ETR in accordance with ETR Protocol | Exceeds expectation: <24 hrs (3-5 day restoration) <36 hrs (> 5 day restoration) | 50 |
| | | Meets expectation: <36 hrs (3-5 day restoration) <48 hrs (> 5 day restoration) | 30 |
| | Publication of Regional/County ETRs in accordance with ETR Protocol | Exceeds expectation: <24 hrs (regions with 3-5 day restoration) <36 hrs (regions with > 5 day restoration) | 50 |
| | | Meets expectation: <36 hrs (regions with 3-5 day restoration) <48 hrs (regions with > 5 day restoration) | 30 |
| | Publication of Local/Municipal ETRs in accordance with ETR Protocol | Exceeds expectation: <36 hrs (3-5 day restoration) <48 hrs (> 5 day restoration) | 50 |
| | | Meets expectation: <48 hrs (3-5 day restoration) <72 hrs (> 5 day restoration) | 30 |

OPERATIONAL RESPONSE (CONTINUED)

| Area of Interest | Definition of Measure | Measurement Criteria | Points |
|------------------------------|--|--|--------|
| 6. ETR Accuracy | Global ETR accuracy as published in accordance with ETR requirement time | Accurate within +/- 24 hours | 40 |
| | Regional ETR accuracy as published in accordance with ETR requirement time | Accurate within +/- 12 hours (3-5 day restoration) Accurate within +/- 24 hours (> 5 day restoration) | 40 |
| | Local ETR accuracy as published in accordance with ETR requirement time | Accurate within +/- 12 hours | 40 |
| 7. Municipality Coordination | Coordination w/ Municipalities regarding hazards or electric utility equipment impeding road clearing, down wires, critical facilities, etc. | Execution of Coordination Protocols pursuant to Commission Approved Emergency Plan | 20 |
| 8. County EOC Coordination | Coordination with County EOCs | Execution of Coordination Protocols pursuant to Commission Approved Emergency Plan | 20 |
| 9. Utility Coordination | Electric Utility Coordination with other Utilities (Electric, gas, communications, water) | Execution of Coordination Protocols pursuant to Commission Approved Emergency Plan | 20 |
| 10. Safety | Measure of any employee or contractor serious injury doing hazard work during storm/ outage and restoration. | Zero injuries | 80 |
| 11. Mutual Assistance | Crew requests made through all sources of mutual assistance | Crew requests made within: 36 hrs (3-5 day restoration) 48 hrs (> 5 day restoration) | 20 |
| 12. Restoration Times | Time it takes utility to restore power to 90% of customers affected | TBD | --- |

TOTAL 550

COMMUNICATION (30% OF TOTAL)

| Area of Interest | Definition of Measure | Method of Measurement Criteria | Points |
|-----------------------|--|--|--------|
| 13. Call Answer Rates | Customer calls answered by properly staffing call centers | 90%+ calls answered within 90 sec. | 30 |
| | | 80% to <90% calls answered within 90 sec. | 20 |
| 14. Municipal Calls | Municipal call must be properly managed and provide, at minimum, baseline information, updates on road clearing activities, and allow for Q&A. | Municipal calls held and highly effective | 30 |
| | | Municipal calls held and effective | 20 |
| | | Successful implementation of an operator assisted calling system | 10 |
| 15. Web Availability | Company's web site must be available around the clock, and must be updated at least hourly, until restoration is complete. | Websites should include the baseline restoration information, all press releases issued during the event, a complete list of safety tips, an outage location map of affected areas, summaries of outages and ETRs by municipality and county, and the locations and times of dry ice distribution. | 40 |
| 16. LSE Customers | LSE customer contact | 80% affected LSE customers contacted within 12 hours | 15 |
| | | LSE customers that were unable to be contacted had at least two attempts made within 12 hours | 15 |
| | | 100% affected LSE customers contacted or referred to an emergency services agency within 24 hours | 20 |

COMMUNICATION (continued)

| | | | |
|--|--|--|----|
| 17. PSC Reporting | Provide storm event information to PSC in accordance with Electric Outage Reporting System (EORS) guideline requirements | All reporting on time, including at a minimum information required by existing EORS guidelines | 40 |
| 18. Customer Communications | Press releases / text messaging / email / social media | Issue daily messages through the stated communications vehicles for each day of the utility restoration which must include information such as outages, ETRs, contact information, etc.) | 60 |
| 19. Outgoing message on telephone line | Recorded message providing callers with outage information is updated within one hour of communication releases. | Message must be updated within an hour of communication releases that is consistent and coincides with the information contained in news releases | 20 |
| 20. PSC Complaints | Number of storm/outage related PSC complaints received | ≤ 20 per 100,000 customers affected | 20 |
| | | ≤ 40 per 100,000 customers affected | 10 |

TOTAL 300

EMERGENCY RESPONSE PERFORMANCE MEASUREMENT GUIDE

The residents and businesses of New York have become increasingly dependent on electricity in recent decades. When outages occur, customers want to know that the electric utility is working to restore their service and customers are best served if they receive an accurate and timely estimate of when they will have service restored. Staff developed a scorecard that will measure each utility's ability to restore power to customers after an outage.

This scorecard will be applied to any event during which the outage duration, as defined below, lasts more than three days, or to any qualifying network outage in New York City. Staff may require the scorecard to be applied to assess company performance for other outages and make a corresponding recommendation to the Commission for other action as may be appropriate.

The scorecard has been divided into three categories:

- | | |
|-------------------------|------------|
| 1. Preparation | 150 points |
| 2. Operational Response | 550 points |
| 3. Communication | 300 points |

| | |
|--------------------------|------|
| Maximum Available Points | 1000 |
|--------------------------|------|

Each utility will be required to provide data with which the scorecard can be completed on a per event basis within 30 days of the completion of customer restoration. Department of Public Service (DPS) staff (Staff) will use the information provided by the utility in its review and determine a score for each event for each utility. Electric companies will continue to be required to file a Part 105 report within 60 days as set forth in the Rules and Regulations of the State of New York (NYCRR).

For any metric that Staff deems inapplicable, the points for those measures will be excluded and the overall score of the total will be prorated.

COMMON DEFINITIONS:

Qualifying Network Outage – The interruption of service to 15 percent or more of the customers in any Consolidated Edison network for a period of three hours or more.

Start of Event – The time when more than 5,000 customers are interrupted within a division for more than 30 minutes or more than 20,000 customers are interrupted companywide for more than 30 minutes. If the event affects less than the customer counts listed, the start time shall be the earlier of the peak level of interruptions or start of utility restoration.

Customer Restoration – For the purposes of the scorecard, customer restoration will be considered complete when for each customer, service has been restored or service is available but would be unsafe to restore due to damage with customer-owned equipment or a compromised structure (e.g., condemned).

Outage Duration – The time period between the start of the event and customer restoration for all customers affected by the storm.

Start of Utility Restoration – The start of utility restoration will be considered the point in time when field personnel are able to be dispatched without unacceptable safety risks from continued severe weather conditions (where adverse weather conditions are applicable) and when the potential additional damage to the electric system from the storm would be low in proportion to the expected level of damage already sustained. The start of the restoration period may be different for distinct areas where the effect of a storm limits access to facilities (e.g., severe flooding).

Estimated Time of Restoration – The time within which the utility estimates restoration will be completed. The Department's ETR protocols are shown below.

Life Support Equipment Customers (LSE customer) – A customer who had documented their need for essential electricity for medical needs (i.e., a customer or a resident of the customer's premises who suffers from a medical condition requiring utility service to operate a life-sustaining device with certification by a medical doctor or qualified official of a local board of health). Every utility shall maintain a special file on such residential customers and an appropriate identification on the meters of such customers.

Critical Facilities – Facilities from which essential services and functions for continuation of public health and safety, and disaster recovery are performed or provided (i.e., hospitals, water treatment plants and fire houses). Critical Facilities will be consistently defined in the utilities Emergency Plans.

Baseline Information – The following list of information to be included in communications: safety tips associated with downed wires, geographic areas impacted, number of customers out of service, number of crews activated, how to report an outage and check for outage status, estimated times of restoration per operational guidelines, and means available to contact the company (phone, web, e-mail, social media, text messaging, etc.).

Electric Outage Reporting System (EORS) – EORS is a mapping and reporting system that allows DPS Staff to receive, process, analyze, and report outage data quickly and in a uniform format. EORS is used to process data automatically submitted by utility companies and generate a range of maps illustrating the geographical extent of impact and customer outages outage by municipality, county, and company boundaries. The system can also estimate the affected population for each outage level.

PREPARATION

The preparation measures are intended to score utility performance with respect to activities and communications performed prior to forecasted storms and in response to alerts from the National Weather Service or a utility's private weather service. For events with limited warnings, thereby making certain measures impractical to implement, as deemed by DPS, the 150 points for those measures will be excluded and the overall score of the total will be prorated.

EMPLOYEE CONTRACTOR PLANNING

Measure: Appropriate planning for Employees/Contractors

Criterion: Evaluation of compliance will include the review of steps taken to comply with emergency plans and communicate with employees/contractors regarding activation, including storm duty assignments and mobilization requirements.

PRESS RELEASES/TEXT MESSAGING/EMAIL/SOCIAL MEDIA

Measure: Pre-storm communications through Press Releases, Text Messaging, E-Mail, and Social Media

Criterion: Companies are required to issue pre-storm messages through the stated communications vehicles to alert customers of the potential for loss of service. Text messages and/or emails should be issued daily to all customers for whom company has customer addresses on file. Evaluation of compliance will include a review of the information contained in press releases, emails, text messages and the use of Facebook, Twitter, and other means of social media during the restoration. Contents of the communications should include the type and severity of the storm, the affect it may have on the utility, action being taken to prepare for the event, and available methods to contact the company (phone, web, e-mail, social media, text messaging, etc.). It will be acceptable to provide a link to such information on the company's website to manage character limit restrictions.

MUNICIPAL CONFERENCE CALL

Measure: Pre-storm call held and determined to be highly effective or effective

Criterion: Municipal call will be held prior to the storm and provide information relating to the type and anticipated severity of the storm, the affect it may have on the utility and expected level of system damage, activities being taken to prepare for the event, and processes for communicating with companies throughout the event. To determine call effectiveness, consideration will be given to whether the time of the municipal call was communicated to all stakeholders, whether the previously stated information was communicated, how the call was managed, and whether the call allowed for sufficient Q&A and how the Company responded to questions posed.

LSE CUSTOMERS ALERTED

Measure: All LSE customers alerted

Criterion: Utilities must make an outbound call attempt to all customers who the utility knows are LSE customers prior to the expected onset of an outage event. The companies should also use text messages/emails for those customers who have provided contact information.

CRITICAL FACILITIES NOTIFIED

Measure: All critical facilities notified

Criterion: Utilities must make an outbound call attempt with all critical facilities managers prior to the onset of an outage event. The companies should also use text messages/emails for those customers who have provided contact information.

TRAINING

Measure: Compliance with training program as specified in approved emergency plans.

Criterion: All personnel identified for use during the utility restoration must be trained in accordance with the guidelines specified within the Company's emergency plan. Training provided prior to dispatch will qualify provided it meets the normal course curriculum.

MUTUAL ASSISTANCE CALLS

Measure: Participate in all pre-event mutual assistance calls

Criterion: Utilities are required to have at least one employee participate in all pre-event mutual assistance calls.

MATERIALS/STOCKPILES

Measure: Insufficient material levels restocked within 24 hours of assessment or 36 hours of start of restoration.

Criterion: Companies must verify whether storm stocking levels exist based on forecasted level. If materials are not on hand, the company has 24 hours or until the start of customer restoration, if sooner, to correct the situation.

OPERATIONAL RESPONSE

The operational response measures are intended to score utility performance with respect to its response and ability to effectively mobilize personnel. Accurate and timely Estimated Time of Restoration (ETRs) continues to be an area in which the utilities need to improve. ETRs furnished by utilities should be appropriate to the distribution of the communication vehicle; e.g., ETRs in press releases should reflect the area where press release is distributed, ETRs on municipal calls should be appropriate to the area where municipal call is held.

DOWN WIRES

Measure: Response to downed wires that are reported by municipal emergency officials in less than 18 hours for events with 3 to 5 days customer restoration or less or in less than 36 hours for events with customer restoration over 5 days.

Criterion: For the purpose of this measure, municipal emergency officials will be defined as members of the 911 call center, police, fire, and office of emergency management (including Emergency Operations Center personnel). Response time will be measured from when the call is taken by the utility until the time it takes the utility to arrive at the location with the intent to fix, make-safe, or stand by a downed wire. Arrival of a supervisor or other personnel to assess the location and not perform one of the previous tasks does not meet these criteria unless the down wire is identified as a telecommunications, cable, or other non-utility owned equipment. In the event the call is taken before utility restoration has commenced, the start time shall be equivalent to start of the utility restoration.

DAMAGE ASSESSMENT

Measure: Completion of preliminary damage assessment completed within 24 hours of the start of utility restoration.

Criterion: For the purpose of the scorecard, preliminary damage assessment will be an initial assessment of mainline circuits considered to be heavily impacted based on SCADA readings and/or OMS predictions as well as circuits serving critical infrastructure known to be without commercial power. Evaluation will be based on the ability to mobilize and deploy assessors effectively and record findings in a manner that allows for the development of work packages and ETRs.

CREWING

Measure: 80% of the forecast crewing committed to the utility within 48 hours from the start of restoration.

Criterion: For the purpose of this measurement a committed crew will be considered to be a utility, contractor, or mutual assistance crew on property or en route. Utilities will not be penalized for acquiring additional resources to assist the restoration as they are released by other utilities.

PUBLICATION OF ESTIMATED TIMES OF RESTORATION

Measure: Publication of ETRs in accordance with the established protocols.

Criterion: Time periods for evaluation will be measured from the utility restoration start time. Publication of ETRs in advance of guideline expectations will be awarded additional points.

ACCURACY OF ESTIMATED TIMES OF RESTORATION

Measure: Accuracy of ETRs published in accordance with guidelines.

Criterion: Accuracy of ETR will be determined based on the ETRs published closest to the expectation contained in the guidelines. For regional/county ETRs an evaluation will be made for each region/county affected by the event and points will be awarded on a pro-rated basis (e.g. if five ETRs are issued and four are within a timeband, the utility will score 4/5 of the available points).

MUNICIPAL COORDINATION

Measure: Coordinate with municipalities regarding electric hazards or utility equipment impeding road clearing, down wires, critical facilities, etc. in accordance with approved emergency plans. The utilities are not expected to perform debris and/or snow removal activities that do not involve electric facilities.

Criterion: Evaluation of compliance will include the review of steps taken to communicate with municipalities, the use and the effectiveness of liaisons, and the ability to integrate concerns raised into restoration activities.²¹

²¹ Integration of concerns may or may not result in the utility needing reprioritize repairs.

COUNTY EOC COORDINATION

Measure: Coordinate with County EOCs regarding electric hazards or utility equipment impeding road clearing, down wires, critical facilities, etc. in accordance with approved emergency plans. The utilities are not expected to perform debris and/or snow removal activities that do not involve electric facilities.

Criterion: Evaluation of compliance will include the review of steps taken to communicate with county emergency operation centers, the use and the effectiveness of liaisons, and the ability to integrate concerns raised into restoration activities.¹

UTILITY COORDINATION

Measure: Coordinate with other utilities (electric, gas, communications, water) regarding critical infrastructure and efficient restoration in accordance with approved emergency plans.

Criterion: Evaluation of compliance will include the review of steps taken to communicate with other utilities, the use and the effectiveness of liaisons, and the ability to integrate concerns raised into restoration activities.¹

SAFETY

Measure: Avoidance of any employee or contactor serious injury occurring during hazard storm/outage and restoration work.

Criterion: For the scorecard purpose, hazard work is defined as any assignments that are directly related with restoration activities. Serious injuries are defined as injuries occurring while performing hazard work which result in hospitalization, medical treatment beyond first aid, or death.

MUTUAL ASSISTANCE

Measure: Request made through all sources of mutual assistance within 36 hours from the start of utility restoration for 3 to 5 day events and 48 hours from the start of utility restoration for events over 5 days.

Criterion: Evaluation of compliance will include the review of mutual assistance request related to line workers, vegetation workers, damage assessors, wire guards in comparison to peak work levels and emergency plan requirements.

RESTORATION TIMES

Measure: Time it takes utility to restore power to 90% of customers affected

Criterion: Measurement criteria is still being determined

COMMUNICATIONS

The communications measures are intended to score utility performance with respect to its ability to receive and disseminate information related to the impact of the storm/outage and restoration activities. The need for communicating with customers, general public, news media and local officials is very important during emergency conditions, such as storms. Therefore, the sharing of information will be measured with respect to several communication vehicles (calls, press releases, social media, etc.). During an extended power outage, it is important that timely and accurate information be provided as widely as possible. Periodic reports, whether through press releases, e-mails, text messages or on social media websites should be accurate and timely, and avoid misleading the public with optimistic or unrealistic statements.

CALL ANSWER RATES

Measure: Percent of customer calls answered by a live representative within 90 seconds.

Criterion: By properly staffing call centers, utilities should be able to answer over 80 percent of calls within 90 seconds. Additional points will be given if the call answer rate is over 90 percent. The call answer time will be measured on a daily basis from the start of the event through customer restoration. Performance points will be issued on a pro-rated basis.

MUNICIPAL CALLS

Measure: Municipal calls are held at least daily in compliance with the company's approved Electric Emergency Plans and determined to be highly effective or effective.

Criterion: Municipal calls should be held daily until 90% of the affected customers have been restored. An alternative municipal contact method should be in place to respond to questions and issues from officials regarding the remaining scattered single outages once the calls are no longer required. The first municipal call can be held at the utilities discretion but must be held within the first 36 hours from the start of the utility restoration. To determine call effectiveness, consideration will be given to whether the time of the municipal call was communicated to all stakeholders, how the call was managed, if baseline information and status of road clearing activities were provided, whether the call allowed for sufficient Q&A

and how the Company responded to questions posed, and the successful use of an operator assisted calling system to assist in managing the call.

WEB AVAILABILITY

Measure: Websites are accessible and contain appropriate storm related information

Criterion: During a storm event, utilities' websites must be available around the clock, and must be updated at least hourly, until restoration is complete. Consideration will be given for maintenance resulting in individual website applications being unavailable if downtime is reasonably short in duration and is performed during off-peak hours. The websites should include the baseline restoration information, all press releases issued during the event, a complete list of safety tips, an outage location map of affected areas, summaries of outages and ETRs by municipality and county, and the locations and times of dry ice distribution.

LSE CUSTOMERS

Measure: Percent of affected LSE customers contacted within 12 hours, if at least two attempts were made within 12 hours for those unable to be contacted, and whether all of the affected LSE customers were contacted or referred to an emergency service agency within 24 hours.

Criterion: Utilities will be evaluated on their ability to contact 80% of the affected LSE customers within 12 hours from the start of the event and whether 100% of the affected LSE customers contacted or referred to an emergency service agency was done within 24 hours. Utilities must make at least one additional attempt, within the same 12 hour period, to contact any LSE customer who was not contacted on the first attempt. Partial scoring will be awarded for the initial attempt, provided all customers had received at least one phone call. Within 24 hours of the start of the event, LSE customers must have been either (a) directly contacted by the utility, or (b) referred to an emergency services agency (e.g., police or fire department) for emergency assistance. Utilities must maintain records of LSE customer contacts, including any customers who the utility was unable to reach.

PSC REPORTING

Measure: Reports to the PSC are complete and submitted on time.

Criterion: Evaluation will consist of a review and the content of reports provided to staff and outage submissions. Reports are due from each utility to DPS by 7AM, 11AM, 3PM, and 7PM or as defined by Staff.²² Based on the specific conditions of the event and the number of electric customer outages remaining, DPS Staff will notify each utility when reporting is no longer necessary. The reports should include, at a minimum, summary of outages, crewing information on site and en-route, planned crew relocation and mutual assistance activity, discussion of major damage, estimated restoration times, summaries of work plans for restoring customers, listing of critical facilities and LSE customers affected, and a summary of dry ice/bottled water distribution activities.

CUSTOMER COMMUNICATIONS

Measure: Daily communications through Press Releases, Text Messaging, E-Mail, and Social Media

Criterion: Companies are required to issue daily messages through the stated communications vehicles for each day of the utility restoration. Text messages and/or emails should be issued daily to all customers for whom company has customer addresses on file. Evaluation of compliance will include a review of the information contained in press releases, emails, text messages and the use of Facebook, Twitter and other forms of social media as applicable, during the restoration. Contents of the communications should include baseline restoration information whenever possible and the character limitations of some communication vehicles will be taken into account when reviewed for content.

²² The utilities are reminded that Staff may request additional reporting based on the severity of the event.

OUTGOING MESSAGE

Measure: Outgoing messages on telephone line must be updated within two hours following communication releases

Criterion: Evaluation for compliance will be determined based on whether messages were updated within two hours following communication release and the new message coincides with information contained in the releases.

PSC COMPLAINTS

Measure: Number of storm/outage related complaints received by the department's call center per 100,000 customers affected.

Criterion: Data from the Department's call center will be evaluated to determine the number of storm/outage related complaints received. Storm related complaints will also reflect complaint related to improper application of customer protection measures defined under Case 13-M-0061.

ESTIMATED TIME OF RESTORATION PROTOCOL

The following protocol states the Department of Public Service (DPS or the Department) expectations of when information will be available and/or provided in response to storms or storm-like electric emergencies when more than 5,000 customers are interrupted for more than 30 minutes within a division or more than 20,000 customers are interrupted companywide for more than 30 minutes. The tables shown below have been established to clarify the necessary actions to be taken by the involved utilities within the outage period for the specific event. Utility procedures and practices that require actions prior to those identified should continue to be used.

The protocols are considered minimum requirements necessary to ensure the public and the Department are adequately informed. During the course of restoration, utilities are to continuously refine estimated restoration times (ETRs) and update customer representatives, Interactive Voice Response (IVR) systems, and web sites in a timely manner (at least every six hours). The utilities shall provide restoration information (outage counts, ETRs, etc.) to media outlets and public officials in affected areas. Additionally, utilities shall issue at least one press release daily for all events with an expected restoration period longer than 48 hours.

ETRs provided should be applicable to at least 90% of the affected customers in the reported level (global, local, etc.).

The start of the restoration period will be considered the point in time when 1) field personnel are able to be dispatched without unacceptable safety risks from continued severe weather conditions (where adverse weather conditions are applicable) and 2) when the potential additional damage to the electric system from the storm would be low in proportion to the expected level of damage already sustained. The start of the restoration period may be different for specific, local areas where the effect of a storm limits access to facilities (e.g., severe flooding).

Initial notification to the Department should follow the guidelines contained in Appendix B of Case 04-M-0159 (EIRS/telephone). Any additional information which is available at this point in time should be included in this notification even though notification may be required prior to the start of restoration. For widespread events, company-wide outage statistics should also be provided as part of the initial notification.

Reporting is required at 7:00AM, 11:00AM, 3:0 PM, and 7:00PM unless otherwise specified. The reports should include, at a minimum, summary of outages, crewing information on site and en-route, planned crew relocation and mutual assistance activity, discussion of major damage, estimated restoration times, summaries of work plans for restoring customers, listing of critical facilities and LSE customers affected, and a summary of dry ice/bottled water distribution activities. Report submissions may qualify as a notification to DPS Staff (provided they contain the required information within the appropriate timeframe). Utilities, however, may need to make notifications to DPS staff in addition to the reports submitted early in an event to satisfy the guidelines.

EVENT EXPECTED TO LAST 48 HOURS OR LESS²³

| |
|---|
| Within the first 6 hours of the restoration period |
| <ul style="list-style-type: none"> • Notify DPS Staff of expectation that the event will last less than 48 hours. The notification to DPS Staff will state what the Company has defined as the start of the restoration period. For events expected to last less than 24 hours, notification may be via Electric Information Reporting System (EIRS). • Provide available information to the public via customer representatives, IVR systems, and web sites. • In certain situations (e.g., nighttime event), only limited information may be available within the initial six hour window. In these situations, the expectation is that the companies will inform Staff of the delay in determining the initial outage duration within six hours and the notification will occur in an expedited manner as information becomes known. Following a nighttime storm, the determination of whether the restoration period will be 48 hours (or less) will be communicated as soon as possible, but no later than noon the following day. Any delay in establishing the initial storm expectations will <u>not</u> affect the time requirements below. |
| Within the first 12 hours of the restoration period |
| <ul style="list-style-type: none"> • Provide DPS Staff with a global ETR and any available regional ETRs. • Prepare a statement for the press that includes known ETRs in time for the next upcoming news cycle and communicate with affected municipal and governmental officials (may or may not be by way of a municipal conference call). |
| Within the first 18 hours of the restoration period |
| <ul style="list-style-type: none"> • Establish ETRs for each locality affected and make them available to the public via customer representatives, IVR systems, and web sites. |
| Within the first 24 hours of the restoration period |
| <ul style="list-style-type: none"> • Consider issuing a press release in time for the upcoming news cycle based on conditions. |
| Reporting requirements during the event |
| <ul style="list-style-type: none"> • Provide restoration information updates four times daily to DPS Staff (7 AM, 11 AM, 3 PM, and 7 PM) if notified by Staff. Updates should continue until otherwise directed by Staff. • Notify DPS Staff when all storm related interruptions have been restored. |

²³ Note: Although the scorecard refers to events where outages last more than three days, utilities are required to comply with the ETR protocols for events lasting less than 48 hours.

EVENT EXPECTED TO LAST GREATER THAN 48 HOURS

| |
|--|
| Within the first 6 hours of the restoration period |
| <ul style="list-style-type: none">• The utility shall indicate that it will be a multi-day event (i.e., greater than 48 hours). Notification shall be made to DPS Staff and will state what the Company has defined as the start of the restoration period.• Provide a public statement indicating the likelihood of extended outages and make this information available via customer representatives, IVR systems, and web sites.• In certain situations (e.g., nighttime event), only limited information may be available within the initial six hour window. In these situations, the expectation is that the companies will inform DPS Staff of the delay in determining the initial outage duration within six hours and the notification will occur in an expedited manner as information becomes known. Following a nighttime storm, the determination of whether the restoration period will be greater than 48 hours will be communicated as soon as possible, but no later than noon the following day. Any delay in establishing the initial storm expectations will <u>not</u> affect the time requirements below. |
| Within the first 12 hours of the restoration period |
| <ul style="list-style-type: none">• Prepare a press release for issuance in time for the next upcoming news cycle and communicate with affected municipal and governmental officials (may or may not be by way of a municipal conference call). |
| Within the first 18 hours of the restoration period |
| <ul style="list-style-type: none">• Schedule municipal conference call(s), unless an alternative municipal contact method is more appropriate. The first scheduled municipal conference call does not necessarily have to occur within the first 18 hours, but shall take place within the first 36 hours. |
| Within the first 24 hours of the restoration period |
| <ul style="list-style-type: none">• Notify DPS Staff of what areas sustained the most damage to the electric system and ETRs, where known, on a general geographic basis.• Issue a press release(s) in time for upcoming news cycles with the information described in previous bullet. |

EVENT EXPECTED TO LAST GREATER THAN 48 HOURS (continued)

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|--|
| Within the first 36 hours of the restoration period |
| <ul style="list-style-type: none">• For storms with expected restoration periods five days or less, provide DPS Staff a global ETR.• Establish regional/county ETRs for areas expected to be restored in five days, even if the restoration period for the total company is expected to be more than five days.• Identify any heavily damaged areas where large numbers of customers are expected to remain without service for more than five days.• Completion of the first scheduled municipal conference call.• Make ETR information available to the public via customer representatives, IVR systems, and web sites. |
| Within the first 48 hours of the restoration period |
| <ul style="list-style-type: none">• For storms with expected restoration periods five days or less, provide DPS Staff with ETRs by municipality.• Provide DPS Staff with a global ETR. (as stated above, when outages are expected to less than five days, this is required within 36 hours).• Provide regional/county ETRs for heavily damaged areas where large numbers of customers are expected to remain without service for five or more days.• Make ETR information available to the public via customer representatives, IVR systems, and web sites. |
| Beyond the first 48 hours of the restoration period |
| <ul style="list-style-type: none">• For storms with expected restoration periods more than five days, provide estimated restoration times for each locality affected and make the information available via customer representatives, IVR systems, and web sites. |
| Reporting requirements during the event |
| <ul style="list-style-type: none">• Provide restoration information updates four times daily to DPS Staff (7 AM, 11 AM, 3 PM, and 7 PM), which shall continue until otherwise directed by Staff.• Notify DPS Staff when all storm related interruptions have been restored. |

Appendix I – National Guard Request Form

| Request For Resources or Assistance OPS 6-1 | |
|---|----------------------|
| 1. Event Name | <input type="text"/> |
| 2. Local Tracking # | <input type="text"/> |
| 3. Date/Time Request Needed | <input type="text"/> |
| 4. Is this request: | |
| <input type="radio"/> 1. Life Safety | |
| <input type="radio"/> 2. Priority | |
| <input type="radio"/> 3. Routine | |
| 5. Person submitting request: (name and number) | <input type="text"/> |
| 6. Requesting Individual (if different from above): | <input type="text"/> |
| 7. Requesting Entity Agency | <input type="text"/> |
| 8. Phone Number(s) they can be reached at | <input type="text"/> |
| 9. County Requesting Resource | <input type="text"/> |
| 10. BRIEF description of problem encountered: | <input type="text"/> |
| 11. Resource Requested | <input type="text"/> |
| 12. Quantity of Resource requested: | <input type="text"/> |
| 13. Current Resources committed to identified tasks / functions | <input type="text"/> |
| 14. Have all local capabilities associated with this resource been exhausted? | |
| <input type="radio"/> 1. Yes | |
| <input type="radio"/> 2. No | |
| 15. What sources/vendors has been contacted? Please list | |

Figure I.1 – National Guard Request Form

16. Potential Substitute (if specific resource not available)

17. Personnel Required to Operate, Support, and Maintain: (Including Shift Rotations) (include quantity and kind)

18. Support Equipment needed (i.e. fuel, water, delivery schedules, etc.)

19. Approximate length of time resource is needed. (hours, days, weeks, etc) Including shift rotations

Delivery Information:

20. Delivery Point:

21. Delivery Contact Name:

22. Delivery Phone:

23. Delivery Notes: (Transportation required, loading / unloading notes, type of hitch):

1. Advise Requestor of receipt of this request and provide the DisasterLAN Ticket Number

2. This request must be submitted with each specific resource form

Figure I.1 (con't) – National Guard Request Form

Appendix J – Tropical Cyclone Resource Matrix Guide

| INFORMATION FROM TPC | | HOURS FROM ARRIVAL OF TROPICAL FORCE WINDS | | | |
|---|---|--|--|--|---|
| HURRICANE SCALE SAFFIR-SIMPSON | PSEG LI'S OPERATIONAL SERVICE TERRITORY - IMPACT PROBABILITY | 96 | 72 | 48 | 24 |
| Tropical Storm Wind Conditions: Sustained winds 39-73 MPH (34-63 kn or 63-118 km/hr). Off- system Restoration crewing: Linemen: 250-1000 Tree trim: 200-600 Crew Guides: 70-150 Wire Guards: 50-100 Auxiliary Damage Assessment: 0 Number of Off- system assistance can vary based on forecasted sustained wind velocities. | High <i>Centerline of cone area over, or within 30 miles of PSEG Long Island operational service territory</i> <i>Wind probability >80%</i> | Commit to available crewing: No Reserve Hotel Rooms: No Check Hotel Rooms availability: Yes Mobilize base camp sleeping arrangements: On Hold SA Mobilization: On Hold | Commit to available crewing: Yes Reserve Hotel rooms for 50% of crew target Mobilize base camp sleeping arrangements: On Hold SA Mobilization: On Hold | Commit to available crewing: Yes Reserve Hotel Rooms for 100% of crew target Mobilize base camps with sleeping arrangements for balance SA Mobilization: On Hold | Commit to available crewing: Yes Reserve / book Hotel rooms for all remaining crew target Re-evaluate and assess if decisions require escalation or de-escalation Authorize 1-2 staging area if required |
| | Medium <i>Centerline of cone area within 100 miles of PSEG Long Island operational service territory</i> <i>Wind probability 40% - 80%</i> | Commit to available crewing: No Reserve Hotel Rooms: No Check Hotel Rooms availability: No Mobilize base camp sleeping arrangements: On Hold SA Mobilization: On Hold | Commit to available crewing: No Reserve Hotel Rooms: No Check Hotel Rooms availability: Yes Mobilize base camp sleeping arrangements: On Hold SA Mobilization: On Hold | Commit to available crewing: Yes Reserve Hotel Rooms for 50% of crew target Mobilize base camp sleeping arrangements: On Hold SA Mobilization: On Hold | Commit to available crewing: Yes Reserve Hotel Rooms for 100% of crew target Re-evaluate and assess if decisions require escalation or de-escalation |
| | Low <i>Centerline of cone within 160 miles of PSEG Long Island operational service territory</i> <i>Wind probability <40%</i> | Commit to available crewing: No Reserve Hotel Rooms: No Check Hotel availability: No Mobilize base camp sleeping arrangements: On Hold SA Mobilization: On Hold | Commit to available crewing: No Reserve Hotel Rooms: No Check Hotel availability: No Mobilize base camp sleeping arrangements: On Hold SA Mobilization: On Hold | Commit to available crewing: No Reserve Hotel Rooms: No Check Hotel availability: Yes Mobilize base camp sleeping arrangements: On Hold SA Mobilization: On Hold | Commit to available crewing: No Reserve Hotel Rooms: No Check Hotel availability: Yes Re-evaluate and assess if decisions require escalation or de-escalation |
| As wind speed forecasts, duration, and probabilities increase, consideration should be given to moving to the next level matrix. | | | | | |
| Factors to consider: Restoration events in other parts of the country influencing availability of line workers/tree trim resources, support timeline for Logistics Contractor, and the affect of Long Island evacuations on hotel availability. | | | | | |

Figure J.1 – Tropical Cyclone Resource Matrix Guide

| INFORMATION FROM TPC | | HOURS FROM ARRIVAL OF TROPICAL FORCE WINDS | | | |
|--|---|---|--|---|---|
| HURRICANE SCALE SAFFIR-SIMPSON | PSEG LI'S OPERATIONAL SERVICE TERRITORY - IMPACT PROBABILITY | 96 | 72 | 48 | 24 |
| Category One Hurricane: Winds 74-95 MPH (64-82 kn or 119-153 km/hr). Off- system Restoration crewing: Linemen: 1000-3000 Tree trim: 600-2000 Crew Guides: 150-400 Wire Guards: 100-250 Auxiliary Damage Assessment: 0 If damage from flooding is anticipated, consider acquiring workforce to support substation equipment repairs (technicians, mechanics, etc.) | High <i>Centerline of cone area over, or within 30 miles of PSEG Long Island operational service territory</i> <i>Wind probability >80%</i> | Commit to available crewing: Yes Reserve Hotel rooms for 50% of crew target Mobilize base camp sleeping arrangements On Hold SA Mobilization: On Hold | Commit to available crewing: Yes Reserve Hotel rooms for 75% of crew target Mobilize base camps with sleeping arrangements for balance SA Mobilization: On Hold | Commit to available crewing: Yes Reserve Hotel Rooms for 100% of crew target Mobilize base camps with sleeping arrangements for balance Mobilize 2-3 staging areas total | Commit to available crewing: Yes Reserve / book Hotel rooms for all remaining crew target Re-evaluate and assess if decisions require escalation or de- escalation. Authorize 1-3 staging areas if required |
| | Medium <i>Centerline of cone area within 100 miles of PSEG Long Island operational service territory</i> <i>Wind probability 40% - 80%</i> | Commit to available crewing: No Reserve Hotel Rooms: No Check Hotel availability: Yes Mobilize base camp sleeping arrangements: On Hold SA Mobilization: On Hold | Commit to available crewing: Yes Reserve Hotel Rooms for 50% of crew target Mobilize base camp sleeping arrangements: On Hold SA Mobilization: On Hold | Commit to available crewing: Yes Reserve Hotel Rooms for 75% of crew target Mobilize base camps with sleeping arrangements for balance Mobilize 1-2 staging areas total | Commit to available crewing: Yes Reserve Hotel Rooms for 100% of crew target Re-evaluate and assess if decisions require escalation or de- escalation |
| | Low <i>Centerline of cone within 160 miles of PSEG Long Island operational service territory</i> <i>Wind probability <40%</i> | Commit to available crewing: No Reserve Hotel Rooms: No Check Hotel availability: No Mobilize base camp sleeping arrangements: On Hold SA Mobilization: On Hold | Commit to available crewing: No Reserve Hotel Rooms: No Check Hotel availability: Yes Mobilize base camp sleeping arrangements: On Hold SA Mobilization: On Hold | Commit to ¼ – ½ of minimum crew compliment if available Reserve Hotel Rooms for available crews Mobilize base camp sleeping arrangements: On Hold SA Mobilization: On Hold | Commit to ¼ – ½ of minimum crew compliment if available Reserve Hotel Rooms for available crews Mobilize base camp sleeping arrangements: On Hold SA Mobilization: On Hold |
| As wind speed forecasts, duration, and probabilities increase, consideration should be given to moving to the next level matrix. | | | | | |
| <u>Factors to consider:</u> Restoration events in other parts of the country influencing availability of line workers/tree trim resources, support timeline for Logistics Contractor, and the affect of Long Island evacuations on hotel availability. | | | | | |

Figure J.1 – Tropical Cyclone Resource Matrix Guide (con't)

| INFORMATION FROM TPC | | HOURS FROM ARRIVAL OF TROPICAL FORCE WINDS | | | |
|--|---|--|--|--|--|
| HURRICANE SCALE SAFFIR-SIMPSON | PSEG LI'S OPERATIONAL SERVICE TERRITORY - IMPACT PROBABILITY | 96 | 72 | 48 | 24 |
| Category Two Hurricane: Winds 96-110 MPH (83-95 kn or 154-177 km/hr). Off- system Restoration crewing: Linemen: 2500-3500 Tree trim: 1500-2250 Crew Guides: 350-500 Wire Guards: 250-400 Auxiliary Damage Assessment: 0 If damage from flooding is anticipated, consider acquiring workforce to support substation equipment repairs (technicians, mechanics, etc.) | High <i>Centerline of cone area over, or within 30 miles of PSEG Long Island operational service territory</i> <i>Wind probability >80%</i> | Commit to available crewing: Yes Reserve Hotel rooms for 50% of crew target Mobilize base camps with sleeping arrangements for balance SA Mobilization: On Hold | Commit to available crewing: Yes Reserve Hotel rooms for 75% of crew target Mobilize base camps with sleeping arrangements for balance SA Mobilization: On Hold | Commit to available crewing: Yes Reserve Hotel Rooms for 100% of crew target Mobilize base camps with sleeping arrangements for balance Mobilize 3-5 staging areas total | Reserve / book Hotel rooms for all remaining crew target Re-evaluate and assess if decisions require escalation or de- escalation |
| | Medium <i>Centerline of cone area within 100 miles of PSEG Long Island operational service territory</i> <i>Wind probability 40% - 80%</i> | Commit to available crewing: Yes Reserve Hotel Rooms for available crews: No Check Hotel availability: Yes Mobilize base camp sleeping arrangements: On Hold SA Mobilization: On Hold | Commit to available crewing: Yes Reserve Hotel Rooms for 50% of crew target Mobilize base camps with sleeping arrangements for balance SA Mobilization: On Hold | Commit to available crewing: Yes Reserve Hotel Rooms for 100% of crew target Mobilize base camps with sleeping arrangements for balance Mobilize 2-3 staging areas total | Re-evaluate and assess if decisions require escalation or de- escalation |
| | Low <i>Centerline of cone within 160 miles of PSEG Long Island operational service territory</i> <i>Wind probability <40%</i> | Commit to available crewing: No Reserve Hotel Rooms: No Check Hotel availability: No Mobilize base camp sleeping arrangements: On Hold SA Mobilization: On Hold | Commit to available crewing: No Reserve Hotel Rooms: No Check Hotel availability: Yes Mobilize base camp sleeping arrangements: On Hold SA Mobilization: On Hold | Commit to ¼ – ½ of minimum crew compliment if available Reserve Hotel Rooms for available crews Mobilize base camp sleeping arrangements: On Hold SA Mobilization: On Hold | Commit to ¼ – ½ of minimum crew compliment if available Reserve Hotel Rooms for available crews Mobilize base camp sleeping arrangements: On Hold SA Mobilization: On Hold |
| As wind speed forecasts, duration, and probabilities increase, consideration should be given to moving to the next level matrix. | | | | | |
| <u>Factors to consider:</u> Restoration events in other parts of the country influencing availability of line workers/tree trim resources, support timeline for Logistics Contractor, and the affect of Long Island evacuations on hotel availability. | | | | | |

Figure J.1 – Tropical Cyclone Resource Matrix Guide (con't)

| INFORMATION FROM TPC | | HOURS FROM ARRIVAL OF TROPICAL FORCE WINDS | | | |
|---|---|---|--|---|--|
| HURRICANE SCALE SAFFIR-SIMPSON | PSEG LI'S OPERATIONAL SERVICE TERRITORY - IMPACT PROBABILITY | 96 | 72 | 48 | 24 |
| Category Three Hurricane: Winds 111-129 MPH (96-112 kn or 178-208 km/hr). Off- system Restoration crewing: Linemen: 3000-4000 Tree trim: 2000-2750 Crew Guides: 400-600 Wire Guards: 350-500 Auxiliary Damage Assessment: 160-320 If damage from flooding is anticipated, consider acquiring workforce to support substation equipment repairs (technicians, mechanics, etc.) | High <i>Centerline of cone area over, or within 30 miles of PSEG Long Island operational service territory</i> <i>Wind probability >80%</i> | Commit to available crewing: Yes Reserve Hotel rooms for 75% of crew target Mobilize base camps with sleeping arrangements for balance SA Mobilization: On Hold | Commit to available crewing: Yes Reserve Hotel rooms for 100% of crew target Mobilize base camps with sleeping arrangements for balance SA Mobilization: On Hold | Commit to available crewing: Yes Reserve Hotel Rooms for 100% of crew target Mobilize base camps with sleeping arrangements for balance Mobilize 4-6 staging areas total | Book all reserved rooms Re-evaluate and assess if decisions require escalation or de-escalation |
| | Medium <i>Centerline of cone area within 100 miles of PSEG Long Island operational service territory</i> <i>Wind probability 40% - 80%</i> | Commit to available crewing: Yes Reserve Hotel Rooms for 50% of crew target Mobilize base camp sleeping arrangements: On Hold SA Mobilization: On Hold | Commit to available crewing: Yes Reserve Hotel rooms for 75% of crew target Mobilize base camps with sleeping arrangements for balance SA Mobilization: On Hold | Commit to available crewing: Yes Reserve Hotel Rooms for 100% of crew target Mobilize base camps with sleeping arrangements for balance Mobilize 3-5 staging areas total | Re-evaluate and assess if decisions require escalation or de-escalation |
| | Low <i>Centerline of cone within 160 miles of PSEG Long Island operational service territory</i> <i>Wind probability <40%</i> | Commit to available crewing: No Reserve Hotel Rooms: No Check Hotel availability: No Mobilize base camp sleeping arrangements: On Hold SA Mobilization: On Hold | Commit to available crewing: No Reserve Hotel Rooms: No Check Hotel availability: Yes Mobilize base camp sleeping arrangements: On Hold SA Mobilization: On Hold | Commit to ¼ – ½ of minimum crew compliment if available Reserve Hotel Rooms for available crews Mobilize base camp sleeping arrangements: On Hold SA Mobilization: On Hold | Commit to ¼ – ½ of minimum crew compliment if available Reserve Hotel Rooms for available crews Mobilize base camps with sleeping arrangements for balance SA Mobilization: On Hold |
| As wind speed forecasts, duration, and probabilities increase, consideration should be given to moving to the next level matrix. | | | | | |
| Factors to consider: Restoration events in other parts of the country influencing availability of line workers/tree trim resources, support timeline for Logistics Contractor, and the affect of Long Island evacuations on hotel availability. | | | | | |

Figure J.1 – Tropical Cyclone Resource Matrix Guide (con't)

| INFORMATION FROM TPC | | HOURS FROM ARRIVAL OF TROPICAL FORCE WINDS | | | |
|--|---|--|--|--|--|
| HURRICANE SCALE SAFFIR-SIMPSON | PSEG LI'S OPERATIONAL SERVICE TERRITORY - IMPACT PROBABILITY | 96 | 72 | 48 | 24 |
| Category Four Hurricane (and above): <i>Catastrophic damage is likely to occur</i> Sustained winds 130- 156 MPH (113-136 kn, or 209-251 km/hr). Off- system restoration crewing: Linemen: 3500-4500 Tree trim: 2250-3000 Crew Guides: 500-700 Wire Guards: 400-600 Auxiliary Damage Assessment: 320-480 Acquire workforce to support substation equipment repairs (technicians, mechanics, etc.) | High <i>Centerline of cone area over, or within 30 miles of PSEG Long Island operational service territory</i> <i>Wind probability >80%</i> | Commit to available crewing: Yes Reserve Hotel rooms for 75% of crew target Mobilize base camps with sleeping arrangements for balance SA Mobilization: On Hold | Commit to available crewing: Yes Reserve Hotel rooms for 100% of crew target Mobilize base camps with sleeping arrangements for balance SA Mobilization: On Hold | Commit to available crewing: Yes Reserve Hotel rooms for 100% of crew target Mobilize base camps with sleeping arrangements for balance Mobilize 6-8 staging areas | Book all reserved rooms Re-evaluate and assess if decisions require escalation or de- escalation |
| | Medium <i>Centerline of cone area within 100 miles of PSEG Long Island operational service territory</i> <i>Wind probability 40% - 80%</i> | Commit to available crewing: Yes Reserve Hotel Rooms for 50% crew target Mobilize base camp sleeping arrangements: On Hold SA Mobilization: On Hold | Commit to available crewing: Yes Reserve Hotel Rooms for 75% of crew target Mobilize base camps with sleeping arrangements for balance SA Mobilization: On Hold | Commit to available crewing: Yes Reserve Hotel Rooms for 100% of crew target Mobilize base camps with sleeping arrangements for balance Mobilize 5-7 staging areas total | Re-evaluate and assess if decisions require escalation or de- escalation |
| | Low <i>Centerline of cone within 160 miles of PSEG Long Island operational service territory</i> <i>Wind probability <40%</i> | Commit to available crewing: No Reserve Hotel Rooms: No Check Hotel availability: Yes Mobilize base camp sleeping arrangements: On Hold SA Mobilization: On Hold | Commit to available crewing: Yes Reserve Hotel Rooms for 50% crew target Mobilize base camp sleeping arrangements: On Hold SA Mobilization: On Hold | Commit to ¼ – ½ of minimum crew compliment if available Reserve Hotel Rooms for available crews Mobilize base camp sleeping arrangements: On Hold SA Mobilization: On Hold | Commit to ¼ – ½ of minimum crew compliment if available Reserve Hotel Rooms for available crews Mobilize base camps with sleeping arrangements for balance SA Mobilization: On Hold |
| As wind speed forecasts, duration, and probabilities increase, consideration should be given to moving to the next level matrix. | | | | | |
| Factors to consider: Restoration events in other parts of the country influencing availability of line workers/tree trim resources, support timeline for Logistics Contractor, and the affect of Long Island evacuations on hotel availability. | | | | | |

Figure J.1 – Tropical Cyclone Resource Matrix Guide (con't)

Appendix K – Acronyms and Abbreviations

| ACRONYM/ABBREVIATION | DEFINITION |
|----------------------|--|
| AAR(s) | After-Action Review(s) |
| ACC | Alternate Control Center |
| ACR | Automatic Circuit Reclosers |
| ADA | Area Dispatch Authority |
| Admin | Administration |
| AHC | All Hazards Consortium |
| ASA | Average Speed of Answer |
| Asst. | Assistant |
| ASU | Automatic Sectionalizing Units |
| BI | Business Intelligence |
| CAC | Customer Assistance Center |
| CAIDI | Customer Average Interruption Duration Index |
| CAS | Customer Accounting System |
| Cat. | Category |
| CaTVCo | Cable Television Company |
| CEDAR | Code Enforcement Disaster Assistance Response |
| CEO | Chief Executive Officer |
| CF | Critical Facilities |
| CIC | Console Information Coordinators |
| CNI | Critical National Infrastructure |
| Comms. | Communications |
| Conf. | Conference |
| COO | Chief Operating Officer |
| Coord(s) | Coordinator(s) |
| Corp. | Corporate |
| COTS | Commercial Off The Shelf |
| CSR(s) | Customer Service Representative(s) |
| Cust. | Customer |
| DA | Distribution Automation |
| DHS | Department of Homeland Security |
| DHSES | Division of Homeland Security and Emergency Services |
| Dir. | Director |
| DM | District Manager |
| DOT | Department of Transportation |
| DPS | Department of Public Service |

| ACRONYM/ABBREVIATION | DEFINITION |
|----------------------|---|
| DPW | Department of Public Works |
| DTN | Data Transmission Network |
| ECNE | Energy Council of the Northeast |
| EEL | Edison Electric Institute |
| EIRS | Electric Information Reporting System |
| EOC(s) | Emergency Operations Center(s) |
| EORS | Emergency Outage Reporting System |
| EP | Emergency Preparedness |
| ERIP(s) | Emergency Response Implementation Procedure(s) |
| ERP | Emergency Restoration Plan |
| ESB | Enterprise Service Bus |
| ETR(s) | Estimated Time(s) of Restoration |
| FAQ(s) | Frequently Asked Question(s) |
| FCP | Foreign Crew Processing |
| FD | Fire Department |
| FEMA | Federal Emergency Management Agency |
| FTP | File Transfer Protocol |
| GasCo | Gas Company |
| GIS | Geographic Information System |
| Gov't | Government |
| GPS | Global Positioning System |
| GUI | Graphical User Interface |
| HSEEP | Homeland Security Exercise and Evaluation Program |
| HVAC | Heating, Ventilation, and Air Conditioning |
| HVCA | High Volume Call Application |
| ICS | Incident Command System |
| IT | Information Technology |
| IV | Intravenous |
| IVR | Interactive Voice Response |
| LCS | Large Customer Support |
| LI | Long Island |
| LICA | Long Island Control Area |
| LIPA | Long Island Power Authority |
| LIRR | Long Island Rail Road |

| ACRONYM/ABBREVIATION | DEFINITION |
|----------------------|--|
| LO | Lockout |
| LSC | Logistics Support Center |
| LSE | Life Support Equipment |
| MAC(s) | Mutual Assistance Coordinator(s) |
| MDT(s) | Mobile Data Terminal(s) |
| MEUA | Municipal Electric Utilities Association |
| MPH | Miles Per Hour |
| MSTC | Make Safe to Clear |
| Muni | Municipal |
| NAMAG | North Atlantic Mutual Assistance Group |
| NEPPA | New England Public Power Association |
| NGCS | National Guard Civil Support |
| NGDO | National Guard Domestic Operations |
| NIMS | National Incident Management System |
| NMART | National Mutual Assistance Resource Team |
| NRE | National Response Event |
| NREC | National Response Executive Committee |
| NWS | National Weather Service |
| NYAPP | New York Association of Public Power |
| NYC | New York City |
| NYCRR | New York Codes, Rules and Regulations |
| NYS | New York State |
| OEM(s) | Office(s) of Emergency Management |
| OH | Outage Historian |
| OH/UG | Overhead/Underground |
| OMS | Outage Management System |
| Ops | Operations |
| PD | Police Department |
| PDF | Portable Document Format |
| PI | Process Intelligence |
| PIO | Public Information Officer |
| PPE | Personal Protective Equipment |
| PRC | Primary Control |
| PSC | Public Service Commission |
| PSE&G | Public Service Electric & Gas |
| PSL | Public Service Law |

| ACRONYM/ABBREVIATION | DEFINITION |
|----------------------|--|
| R&D | Research & Development |
| RASIC | Responsible, Accountable, Supported, Informed, and Consulted |
| RCA | Remote Configuration Authority |
| RDA | Remote Dispatch Authority |
| RMAG(s) | Regional Mutual Assistance Group(s) |
| SAIDI | System Average Interruption Duration Index |
| SAIFI | System Average Interruption Frequency Index |
| SCADA | Supervisory Control and Data Acquisition |
| SHE | Safety, Health and Environmental |
| SLR | Snow to Liquid Ratio |
| SME(s) | Subject Matter Expert(s) |
| SOP(s) | Standard Operating Procedure(s) |
| SPIA | Sperry-Piltz Ice Accumulation |
| SPT | Substation, Protection, and Telecom |
| SUNY | State University of New York |
| SVL | Service Level |
| T&D | Transmission & Distribution |
| TelCo | Telephone Company |
| TSO | Transmission System Operator |
| TV | Television |
| UPS | Uninterruptible Power Source |
| VA | Visual Analytics |
| VP(s) | Vice President(s) |

Figure K.1 – Acronyms and Abbreviations

Appendix L – Supplemental ERP Contact Sheet

[illegible]

Figure L.1 – Supplemental ERP Contact Sheet

| ROLE | CATEGORY | RESPONSIBILITY | E-MAIL ADDRESS | PHONE NUMBER* |
|--------------------------|------------|----------------|----------------|---------------|
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |

***Phone numbers are available for 24/7 contact**

Appendix M – NYS DPS Electric Utility’s Emergency Outage Reporting System (EORS) Data

SUBMISSION BY LOCALITY UTILITY CODE:

Choose an item.

Report Date

Utility Name **PSEG Long Island**

Report Time

OUTAGE INFORMATION

Outage information is also available through 30-min data feed by all utilities to State-Wide Outage Map

| Company Division | Total Customers in the Division | Current Outages | Customers Restored to Date *(Note-1) | Customers Impacted Overall *(Note-2) |
|------------------|---------------------------------|----------------------|--------------------------------------|--------------------------------------|
| Division – 1 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Division – 2 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Division – 3 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Division – 4 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | | | |
| Total | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

*customize table to reflect your Company Divisions / Area / Etc.

Note 1 - Customers that have been interrupted and restored more than one time during the period are counted for each time they have been interrupted and restored. This amount is an estimate based on data from the outage management system and is subject to change.

Note 2 - Customers Impacted Overall is the total of Current Outages and Customers Restored to Date. Based on Note 1, this number may exceed the Total Customers in the Division Customize the Company Division to represent the Utilities geographic area

SYNOPSIS

Summary / Discussion of Major Damage and Plans for Restoration

ETRs

Follow / Report on ETRs consistent with protocol as detailed by NYS DPS

Company Resource Summary

Crewing Information (All data in FTEs)

Note: Attached is the NY-PSC Resource Summary Spreadsheet

Information on any crew movement (Requests/Releases)

LISTING – AFFECTED CUSTOMERS

| CRITICAL FACILITY CUSTOMERS | Division 1 | Division 2 | Division 3 | Division 4 |
|--|----------------------|----------------------|----------------------|----------------------|
| Critical Facilities | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Company Total | | | | <input type="text"/> |

| LIFE SUPPORT EQUIPMENT CUSTOMERS | Division 1 | Division 2 | Division 3 | Division 4 |
|---|----------------------|----------------------|----------------------|----------------------|
| Critical Facilities | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Company Total | | | | <input type="text"/> |

DRY ICE DISTRIBUTION ACTIVITIES

The PSEG Long Island Company Storm Room is:

The next report is scheduled for:

**Providing a telephone number for a System Storm Room is Optional*

Attached to E-Mail for this EORS submission are the Following Documents (check those that apply)

☐ NY-PSC Resource Summary Spreadsheet ①

☐ Critical Facility Report / Spreadsheets ②

☐ Life Support Equipment Customer Spreadsheet sent under separate cover / E-Mail ②

Please send 1 to : [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED].

Figure M.1 - NYS DPS Electric Utility's Emergency Outage Reporting System (EORS) Data

Appendix N – PSEG Long Island Informative Educational Videos



Figure N.1 – Our Storm Restoration Process



Figure N.2 –Evacuating



Figure N.3 – Prepare Your Home and Family

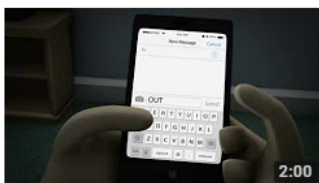


Figure N.4 – Stay in Touch with PSEG Long Island



Indoor Electric Safety

10K views • 3 years ago

From switches to sockets to cords, there's lots of things you can do to make your home safe!

Figure N.5 – Indoor Electric Safety



Generator Safety

1.7K views • 3 years ago

Thinking of getting a backup generator? These tips will help you safely keep power flowing during momentary power interruptions.

Figure N.6 – Generator Safety



Hazards & Safety

7.3K views • 3 years ago

Downed wires and other electrical hazards are dangerous. Find out why, and what you should do if you see one.

Figure N.7 – Hazards & Safety

Appendix O – PSEG Long Island RASIC Matrices

| | R = Responsible | A = Accountable | S = Support | I = Informed | C = Consulted | | | | | |
|--|-----------------------|-----------------|-------------|-----------------|----------------------------|--------------------------|------------------------|-------------------------|-------------------------------|---|
| Restoration Activities RASIC | | | | | | | | | | |
| | Functional Area Leads | | | | | | | | | |
| | Incident Commander | Legal Officer | SHE Officer | Liaison Officer | Public Information Officer | Operations Section Chief | Planning Section Chief | Logistics Section Chief | Finance / Admin Section Chief | |
| Restoration Activities | | | | | | | | | | |
| Preparation | | | | | | | | | | |
| Organize storm calls and meetings in anticipation of event | A | I | I | I | I | C | R | I | I | |
| Declare start of restoration event | A | I | I | I | I | C | R | I | I | |
| Send organization wide activation email | I | I | I | I | I | I | A, R | I | I | |
| Activate staff and supporting processes (ERIPs), as necessary | A | R | R | R | R | R | R | R | R | R |
| Complete checklists, as necessary | A | R | R | R | R | R | R | R | R | R |
| Distribute Storm charge codes through Storm Accounting email | I | I | I | I | I | I | A, R | I | S | |
| Notify LIPA and DPS of storm plans | C | I | I | I | I | C | A, R | I | I | |
| Notify external stakeholders and/or agencies of storm plans | C | I | I | A, R | C | S | I | I | I | |
| Notify customers of storm plans | C | I | I | I | A, R | S | S | I | I | |
| Activation | | | | | | | | | | |
| Request and notify On-Island Crews | C | I | I | I | I | A, R | S | S | I | |
| Request and notify Foreign Crew (NAMAG) | C | I | I | I | I | S | A, R | S | I | |
| Activate remote dispatch areas | I | I | I | I | I | A, R | R | S | I | |
| Activate necessary staging sites | I | I | S | I | I | C | C | A, R | I | |
| Coordinate safety and logistical needs for crews and personnel | I | I | R | I | I | I | I | A, R | I | |
| Initiate key outreach and communications activities | C | I | I | R | A, R | S | S | I | I | |
| Restoration and Monitoring | | | | | | | | | | |
| Monitor changes in weather conditions | I | I | I | I | I | A, R | S | I | I | |
| Survey for damage assessment | C | I | I | I | I | A, R | C | I | I | |
| Coordinate manpower usage and mobilization of crews | C | I | I | I | I | A, R | S | S | I | |
| Set and monitor ETR strategies and messaging | A | I | I | C | R | R | R | I | I | |
| Repair T&D system throughout active and follow-up periods | C | I | I | I | I | A, R | C | C | I | |
| Communicate with LIPA and DPS | C | C | I | I | I | C | A, R | I | I | |
| Communicate with external stakeholders and/or agencies | C | C | I | A, R | C | S | S | I | I | |
| Communicate with customers regarding restoration progress and plans | C | C | I | I | A, R | S | S | I | I | |
| Track incidents of injury and environmental issues | I | I | A, R | I | I | I | I | C | I | |
| Situational awareness reporting (i.e., manpower, outages, EORS, etc.) | I | I | I | I | I | S | A, R | I | I | |
| Declare and implement major event pay, if applicable | A | I | I | I | C | C | R | I | S | |
| Upload reimbursement documentation to SharePoint per ERIPs | I | C | R | I | I | R | S | A, R | I | |
| Maintain financial oversight and prepare daily cost estimate for LIPA | C | C | I | I | I | S | I | S | A, R | |
| Deactivation | | | | | | | | | | |
| Declare end of restoration event | A | I | I | I | I | C | R | I | I | |
| Deactivate staff and supporting processes (ERIPs), as necessary | A | R | R | R | R | R | R | R | R | R |
| Notify Foreign Crew organization of demobilization plan | C | I | I | I | I | A, R | I | I | I | |
| Demobilize staging sites and return unused materials | I | I | S | I | I | C | I | A, R | I | |
| Create reimbursement package as required by LIPA and State/Federal agencies | C | C | S | I | I | S | S | S | A, R | |
| Submit reimbursement documentation, as required by LIPA and State/Federal agencies | C | C | S | I | I | S | S | S | A, R | |

Figure O.1 – Restoration RASIC Matrix

Appendix P – Table of Figures

| | |
|--|----|
| Figure 1.1 – Emergency Management Cycle | 18 |
| Figure 1.2 – Long Island and the Rockaways’ Service Territory | 21 |
| Figure 1.3 – PSEG Long Island Division Console Areas | 23 |
| | |
| Figure 2.1 – Command and General Staff Organizational Chart | 25 |
| Figure 2.2 – SHE Officer Organizational Chart | 26 |
| Figure 2.3 – Legal Officer Organizational Chart | 26 |
| Figure 2.4 – Liaison Officer Organizational Chart | 27 |
| Figure 2.5 – Public Information Officer (PIO) Organizational Chart | 28 |
| Figure 2.6.1 – Operations Organizational Chart (Page 1) | 29 |
| Figure 2.6.2 – Operations Organizational Chart (Page 2) | 30 |
| Figure 2.7 – Planning Organizational Chart | 31 |
| Figure 2.8 – Logistics Organizational Chart | 31 |
| Figure 2.9 – Finance/Administration Organizational Chart | 32 |
| Figure 2.10 – ICS Restoration Roles and Responsibilities | 33 |
| | |
| Figure 4.1 – SPIA Chart | 47 |
| Figure 4.2 – Saffir-Simpson Scale | 47 |
| Figure 4.3 – Sample Hurricane Tracking Map | 48 |
| | |
| Figure 5.1 – Classification and Description of Different Storm Levels | 53 |
| Figure 5.2 – Storm Severity Matrix | 57 |
| | |
| Figure 6.1 – Priority Matrix | 60 |
| Figure 6.2 – Critical Facility Levels | 61 |
| | |
| Figure 7.1 – OMS Flow Chart | 65 |
| Figure 7.2 – PragmaLINE Incident Manager Job List | 66 |
| Figure 7.3 – Alarm and Event Manager | 67 |
| Figure 7.4 – Storm Assessment Module’s User Interface | 67 |
| Figure 7.5 – Event Replay Module’s User Interface | 68 |
| Figure 7.6 – PragmaCAD Job List | 69 |
| Figure 7.7 – PragmaCAD Crew and Assignment Lists | 69 |
| Figure 7.8 – PragmaCALL Call Taking Module | 70 |
| Figure 7.9 – PragmaGEO Map View Long Island Overview With Outage Markers | 71 |
| Figure 7.10 – MOBLITE Mobile Data Terminal Job List | 72 |
| Figure 7.11 – GIS Map Viewer | 74 |
| Figure 7.12 – SAS OMS Reports Landing Page | 75 |
| Figure 7.13 – SAS Stored Processes Oms Reporting Screen | 76 |
| Figure 7.14 – SAS VA OMS Reporting Hub | 77 |
| Figure 7.15 – PSEG Long Island Storm Center Outage Map | 82 |
| Figure 7.16 – PSEG Long Island Storm Center Outage Map Tabular View | 83 |
| Figure 7.17 – Municipal Portal Map View | 85 |
| Figure 7.18 – Municipal Portal Map View Showing Outage Job Details | 85 |
| Figure 7.19 – Municipal Portal Region Selector for Critical Facility Listing | 86 |
| Figure 7.20 – Municipal Portal Critical Facility Listing Showing Links To View Map, Get Alerts, or Report Outage ... | 86 |
| Figure 7.21 – Municipal Portal User Interface to Report of Make Safe To Clear Blocked Road Location | 87 |

| | |
|---|-----|
| Figure 8.1 – Restoration Priorities, ETRs, and Predictions for Major Events | 89 |
| Figure 8.2 – OMS Sample Repair Durations by Equipment Type for ETR Calculations | 93 |
| Figure 8.3 – OMS PragmaCAD Job Order Detail Screen | 94 |
| Figure 8.4 – Mobile User Job Order Detail for Updating ETR and Outage Cause..... | 95 |
| Figure 8.5 – OMS Weather Multiplier for 2.5x Factor for Rain, Wind, Lightning..... | 96 |
| Figure 8.6 – OMS Storm ETR Dialog | 98 |
| Figure 8.7 – Kubra Map with System-Wide Alerts | 99 |
| Figure 8.8 – Kubra Map with Customer Outages..... | 99 |
| Figure 8.9 – Kubra Map with System-Wide Notifications | 100 |
| Figure 8.10 – DPS Guidelines for an Event Expected to Last 48 Hours or Less | 102 |
| Figure 8.11 – DPS Guidelines for an Event Expected to Last More Than 48 Hours | 103 |
| | |
| Figure 12.1 – Example of Pre-Storm Communications Planning Matrix..... | 119 |
| Figure 12.2 – Example of LSE Report Output..... | 126 |
| Figure 12.3 – Customer Assistance Center Event Evaluation Matrix..... | 130 |
| Figure 12.4 – Customer Assistance Center (CAC) Staffing Levels by Shift | 131 |
| Figure 12.5 – Critical Facility Levels..... | 136 |
| Figure 12.6 – SAS Critical Facilities Report Sample | 138 |
| Figure 12.7 – Recommendations for Critical Facilities Advance Planning | 139 |
| Figure 12.8 – Critical Facility Pre-Storm E-Mail Message Sample | 140 |
| Figure 12.9 – Critical Facility Pre-Storm Outbound Phone Message Sample..... | 141 |
| Figure 12.10 – Municipal Portal: Critical Facilities Outages | 143 |
| Figure 12.11 – Municipal Portal: Make Safe To Clear | 144 |
| Figure 12.12 – Escalation Processing Information Flow..... | 146 |
| Figure 12.13 – PSEG Long Island Typical Storm Communication Timeline | 148 |
| Figure 12.14 – Sample E-Mail to Customers Prior to Storm..... | 151 |
| Figure 12.15 – Storm Center Home Page and Sample Outage Map | 152 |
| Figure 12.16 – Social Media Posts from Facebook and Twitter | 153 |
| Figure 12.17 – Social Media Banners..... | 154 |
| | |
| Figure 13.1 – Tropical Cyclone Resource Matrix Guide..... | 176 |
| Figure 13.2 – Typical Divisional Operations Structure | 184 |
| Figure 13.3 – Area Dispatch Authority (ADA) Comparison | 188 |
| Figure 13.4 – Remote Dispatch Area Decentralization Comparison | 190 |
| Figure 13.5 – Sample Municipal Area De-Energization Request Form | 194 |
| Figure 13.6 – Flood Assessment Operations Organizational Chart | 195 |
| Figure 13.7 – Decision Matrix for Flooded Homes/Buildings..... | 197 |
| Figure 13.8 – Restoration of Electrical Service After Major Flooding..... | 198 |
| Figure 13.9 – Sample PSEG Long Island Licensed Electrician Inspection Form | 200 |
| | |
| Figure 14.1 – Reporting Information Table | 206 |
| Figure 14.2 – Information Gathering and Restoration Topics | 211 |
| | |
| Figure 15.1 – Logistics Support Center (LSC) Facility Layout | 217 |
| Figure 15.2 – () | 226 |
| Figure 15.3 – Mobile Command Center..... | 227 |
| Figure 15.4 – | 228 |

| | |
|---|-----|
| Figure 17.1 – Draft Emergency Response Performance Measures: Preparation | 238 |
| Figure 17.2 – Draft Emergency Response Performance Measures: Operational Procedure | 238 |
| Figure 17.3 – Draft Emergency Response Performance Measures: Communication | 240 |
| Figure 18.1 – 2018 Training Schedule | 242 |
| Figure 18.2 – 2018 Exercise/Drill Schedule | 245 |
| Figure A.1 – Cross Reference Spreadsheet With Public Service Law NYCRR 105 | 251 |
| Figure B.1 – ERIP Titles and Descriptions | 260 |
| Figure C.1 – Restoration Checklists | 261 |
| Figure D.1 – LCS Account Manager and Support Assignments by Segment | 262 |
| Figure D.2 – Critical Facilities Listing by Description | 264 |
| Figure E.1 – Corporate Communications Media Contact List | 361 |
| Figure F.1 – Emergency Management Organizations | 362 |
| Figure F.2.1 – Local Utility Contacts (Verizon) | 364 |
| Figure F.2.2 – Local Utility Contacts (Altice USA) | 365 |
| Figure F.2.3 – Local Utility Contacts (Spectrum) | 366 |
| Figure F.2.4 – Local Utility Contacts (National Grid - Gas) | 367 |
| Figure F.2.5 – Other Municipal Electric Utility Contacts | 368 |
| Figure F.3 – Federal Officials | 369 |
| Figure F.4 – State Officials | 370 |
| Figure F.5 – County Officials | 371 |
| Figure F.6 – Town Officials | 372 |
| Figure F.7 – Village Officials | 373 |
| Figure F.8 – Human Service Agencies | 376 |
| Figure I.1 – National Guard Request Form | 444 |
| Figure J.1 – Tropical Cyclone Resource Matrix Guide | 446 |
| Figure K.1 – Acronyms and Abbreviations | 454 |
| Figure L.1 – Supplemental ERP Contact Sheet | 455 |
| Figure M.1 – NYS DPS Electric Utility’s Emergency Outage Reporting System (EORS) Data | 459 |
| Figure N.1 – Our Storm Restoration Process | 460 |
| Figure N.2 – Evacuating | 460 |
| Figure N.3 – Prepare Your Home and Family | 460 |
| Figure N.4 – Stay in Touch with PSEG Long Island | 460 |
| Figure N.5 – Indoor Electric Safety | 461 |
| Figure N.6 – Generator Safety | 461 |
| Figure N.7 – Hazards & Safety | 461 |
| Figure O.1 – Restoration Basic Matrix | 462 |