

**Full Environmental Assessment Form  
Part 1 - Project and Setting**

**Instructions for Completing Part 1**

**Part 1 is to be completed by the applicant or project sponsor.** Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either "Yes" or "No". If the answer to the initial question is "Yes", complete the sub-questions that follow. If the answer to the initial question is "No", proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the project sponsor to verify that the information contained in Part 1 is accurate and complete.

**A. Project and Sponsor Information.**

Name of Action or Project: Lindbergh Substation, Associated Transmission Line Replacement/Reconductoring, Distribution Feeder Installation, and C&R Project		
Project Location (describe, and attach a general location map): Hamlets of Uniondale, East Meadow and Salisbury, Town of Hempstead, Nassau County, New York		
Brief Description of Proposed Action (include purpose or need): See Attachment A - Project Description		
Name of Applicant/Sponsor: PSEG Long Island, as Agent for the Long Island Lighting Co. d/b/a LIPA, a wholly owned subsidiary of the Long Island Power Authority		Telephone: (800) 490-0025
		E-Mail: PSEGLongIslandSEQR@pseg.com
Address: 175 E. Old Country Road		
City/PO: Hicksville	State: New York	Zip Code: 11801
Project Contact (if not same as sponsor; give name and title/role): Daniel Rogers, Manager Estimating, Permitting & Risk Management, PSEG Long Island		Telephone: (800) 490-0025
		E-Mail: PSEGLongIslandSEQR@pseg.com
Address: Same as above		
City/PO:	State:	Zip Code:
Property Owner (if not same as sponsor):		Telephone:
		E-Mail:
Address:		
City/PO:	State:	Zip Code:

**B. Government Approvals**

<b>B. Government Approvals, Funding, or Sponsorship.</b> ("Funding" includes grants, loans, tax relief, and any other forms of financial assistance.)		
<b>Government Entity</b>	<b>If Yes: Identify Agency and Approval(s) Required</b>	<b>Application Date (Actual or projected)</b>
a. City Council, Town Board, <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No or Village Board of Trustees		
b. City, Town or Village <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Planning Board or Commission		
c. City Council, Town or <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Village Zoning Board of Appeals		
d. Other local agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
e. County agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Nassau County Easements	Projected: July 2019 (Projected issuance)
f. Regional agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
g. State agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	NYSDEC-SPDES Permit for Construction Activity; NYSDOT Highway Work Permit (HWP)	NYSDEC-SPDES: 6/2019 (Actual approval); NYSDOT HWP: 7/2019 (Projected approval)
h. Federal agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
i. Coastal Resources.		
i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
iii. Is the project site within a Coastal Erosion Hazard Area?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**C. Planning and Zoning**

<b>C.1. Planning and zoning actions.</b>	
Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<ul style="list-style-type: none"> <li>• If Yes, complete sections C, F and G.</li> <li>• If No, proceed to question C.2 and complete all remaining sections and questions in Part 1</li> </ul>	
<b>C.2. Adopted land use plans.</b>	
a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If Yes, identify the plan(s): Nassau County Comprehensive Land Use Plan _____ _____	
c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes, identify the plan(s): _____ _____ _____	

**C.3. Zoning**

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance.  Yes  No  
 If Yes, what is the zoning classification(s) including any applicable overlay district?  
Education/Cultural District and Business  
 Note: LIPA is a State Agency exempt from local zoning regulations.

b. Is the use permitted or allowed by a special or conditional use permit?  Yes  No

c. Is a zoning change requested as part of the proposed action?  Yes  No  
 If Yes,  
 i. What is the proposed new zoning for the site? \_\_\_\_\_

**C.4. Existing community services.**

a. In what school district is the project site located? Uniondale Union Free School District and East Meadow Union Free School District

b. What police or other public protection forces serve the project site?  
Nassau County Police Department First and Third Precincts

c. Which fire protection and emergency medical services serve the project site?  
Uniondale Fire Department, East Meadow Fire Department, Nassau University Medical Center

d. What parks serve the project site?  
Eisenhower Park, Hempstead Plains Preserve, Francis T. Purcell Preserve, Grove Park, Rainbow Park

**D. Project Details**

**D.1. Proposed and Potential Development**

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? Electric Substation and associated transmission and distribution electrical infrastructure

b. a. Total acreage of the site of the proposed action?	<u>approx. 3.40</u> acres	*All work will be completed within property easements or utility right-of-way within/along roadways; no land is owned by the applicant.
b. Total acreage to be physically disturbed?	<u>approx. 3.40</u> acres	
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor?	<u>0</u> acres *	

c. Is the proposed action an expansion of an existing project or use?  Yes  No  
 i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % \_\_\_\_\_ Units: \_\_\_\_\_

d. Is the proposed action a subdivision, or does it include a subdivision?  Yes  No  
 If Yes,  
 i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types) \_\_\_\_\_  
 ii. Is a cluster/conservation layout proposed?  Yes  No  
 iii. Number of lots proposed? \_\_\_\_\_  
 iv. Minimum and maximum proposed lot sizes? Minimum \_\_\_\_\_ Maximum \_\_\_\_\_

e. Will proposed action be constructed in multiple phases?  Yes  No  
 i. If No, anticipated period of construction: 42 months  
 ii. If Yes:  
 • Total number of phases anticipated \_\_\_\_\_  
 • Anticipated commencement date of phase 1 (including demolition) \_\_\_\_\_ month \_\_\_\_\_ year  
 • Anticipated completion date of final phase \_\_\_\_\_ month \_\_\_\_\_ year  
 • Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

f. Does the project include new residential uses?  Yes  No  
 If Yes, show numbers of units proposed.

	One Family	Two Family	Three Family	Multiple Family (four or more)
Initial Phase	_____	_____	_____	_____
At completion of all phases	_____	_____	_____	_____

g. Does the proposed action include new non-residential construction (including expansions)?  Yes  No  
 If Yes, \*This includes substation equipment and utility poles.

i. Total number of structures \_\_\_\_\_ ~122\*  
 ii. Dimensions (in feet) of largest proposed structure: \_\_\_\_\_ 75.5 height; \_\_\_\_\_ ~4 width; and \_\_\_\_\_ N/A length  
 iii. Approximate extent of building space to be heated or cooled: \_\_\_\_\_ -950 square feet

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage?  Yes  No  
 If Yes,

i. Purpose of the impoundment: \_\_\_\_\_  
 ii. If a water impoundment, the principal source of the water:  Ground water  Surface water streams  Other specify: \_\_\_\_\_  
 iii. If other than water, identify the type of impounded/contained liquids and their source. \_\_\_\_\_  
 iv. Approximate size of the proposed impoundment. Volume: \_\_\_\_\_ million gallons; surface area: \_\_\_\_\_ acres  
 v. Dimensions of the proposed dam or impounding structure: \_\_\_\_\_ height; \_\_\_\_\_ length  
 vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete): \_\_\_\_\_

**D.2. Project Operations**

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both?  Yes  No  
 (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)

Removal/relocation of sewer and water pipes, grading of the site, installation of substation equipment, tower/pole removals and installations, and installation of UG utilities.

If Yes:

i. What is the purpose of the excavation or dredging? \_\_\_\_\_  
 ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?  
 • Volume (specify tons or cubic yards): ~10,000 c.y. (assumes approx. 50% re-use of material) \_\_\_\_\_  
 • Over what duration of time? 14 months \_\_\_\_\_  
 iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.  
 Excess and suitable soil and rock will be disposed of in accordance with all Federal and State regulations, as specified in PSEG Long Island Contract Documents.  
 iv. Will there be onsite dewatering or processing of excavated materials?  Yes  No  
 If yes, describe. Dewatering is not anticipated; however, if warranted, groundwater will be removed utilizing pumps and will be transferred into frac tanks for on-site containment, testing, and subsequent off-site transportation and disposal.  
 v. What is the total area to be dredged or excavated? \_\_\_\_\_ ~3.20 acres  
 vi. What is the maximum area to be worked at any one time? \_\_\_\_\_ ~3.20 acres  
 vii. What would be the maximum depth of excavation or dredging? \_\_\_\_\_ Maximum ~35 feet \* \*For installation of utility poles  
 viii. Will the excavation require blasting?  Yes  No  
 ix. Summarize site reclamation goals and plan: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area?  Yes  No  
 If Yes:  
 i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

iii. Will proposed action cause or result in disturbance to bottom sediments?  Yes  No  
 If Yes, describe: \_\_\_\_\_

iv. Will proposed action cause or result in the destruction or removal of aquatic vegetation?  Yes  No  
 If Yes:

- acres of aquatic vegetation proposed to be removed: \_\_\_\_\_
- expected acreage of aquatic vegetation remaining after project completion: \_\_\_\_\_
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): \_\_\_\_\_
- proposed method of plant removal: \_\_\_\_\_
- if chemical/herbicide treatment will be used, specify product(s): \_\_\_\_\_

v. Describe any proposed reclamation/mitigation following disturbance: \_\_\_\_\_

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c. Will the proposed action use, or create a new demand for water?  Yes  No  
 If Yes:

i. Total anticipated water usage/demand per day: \_\_\_\_\_ gallons/day

ii. Will the proposed action obtain water from an existing public water supply?  Yes  No  
 If Yes:

- Name of district or service area: \_\_\_\_\_
- Does the existing public water supply have capacity to serve the proposal?  Yes  No
- Is the project site in the existing district?  Yes  No
- Is expansion of the district needed?  Yes  No
- Do existing lines serve the project site?  Yes  No

iii. Will line extension within an existing district be necessary to supply the project?  Yes  No  
 If Yes:

- Describe extensions or capacity expansions proposed to serve this project: \_\_\_\_\_
- Source(s) of supply for the district: \_\_\_\_\_

iv. Is a new water supply district or service area proposed to be formed to serve the project site?  Yes  No  
 If, Yes:

- Applicant/sponsor for new district: \_\_\_\_\_
- Date application submitted or anticipated: \_\_\_\_\_
- Proposed source(s) of supply for new district: \_\_\_\_\_

v. If a public water supply will not be used, describe plans to provide water supply for the project: \_\_\_\_\_

vi. If water supply will be from wells (public or private), maximum pumping capacity: \_\_\_\_\_ gallons/minute.

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d. Will the proposed action generate liquid wastes?  Yes  No  
 If Yes:

i. Total anticipated liquid waste generation per day: \_\_\_\_\_ gallons/day

ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

iii. Will the proposed action use any existing public wastewater treatment facilities?  Yes  No  
 If Yes:

- Name of wastewater treatment plant to be used: \_\_\_\_\_
- Name of district: \_\_\_\_\_
- Does the existing wastewater treatment plant have capacity to serve the project?  Yes  No
- Is the project site in the existing district?  Yes  No
- Is expansion of the district needed?  Yes  No

• Do existing sewer lines serve the project site?  Yes  No  
 • Will line extension within an existing district be necessary to serve the project?  Yes  No  
 If Yes:  
 • Describe extensions or capacity expansions proposed to serve this project: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

iv. Will a new wastewater (sewage) treatment district be formed to serve the project site?  Yes  No  
 If Yes:  
 • Applicant/sponsor for new district: \_\_\_\_\_  
 • Date application submitted or anticipated: \_\_\_\_\_  
 • What is the receiving water for the wastewater discharge? \_\_\_\_\_

v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge, or describe subsurface disposal plans):  
 \_\_\_\_\_  
 \_\_\_\_\_

vi. Describe any plans or designs to capture, recycle or reuse liquid waste: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction?  Yes  No  
 If Yes:  
 i. How much impervious surface will the project create in relation to total size of project parcel?  
 \_\_\_\_\_ Square feet or 1.70 acres (impervious surface) \*  
 \_\_\_\_\_ Square feet or 3.40 acres (parcel size)  
 ii. Describe types of new point sources. N/A

\*: Impervious surfaces include gravel/dolomite surface of substation, equipment/structure foundations, and negligible surface area of utility poles.

iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?  
 Groundwater infiltration will occur within gravel surface areas of substation, as well as towards a retention basin and four dry wells to be installed within the substation property.  
 • If to surface waters, identify receiving water bodies or wetlands: \_\_\_\_\_  
 \_\_\_\_\_  
 • Will stormwater runoff flow to adjacent properties?  Yes  No

iv. Does proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater?  Yes  No

f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations?  Yes  No  
 If Yes, identify:  
 i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)  
 \_\_\_\_\_  
 ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)  
 \_\_\_\_\_  
 iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)  
 \_\_\_\_\_

g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit?  Yes  No  
 If Yes:  
 i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year)  Yes  No  
 ii. In addition to emissions as calculated in the application, the project will generate:  
 • \_\_\_\_\_ Tons/year (short tons) of Carbon Dioxide (CO<sub>2</sub>)  
 • \_\_\_\_\_ Tons/year (short tons) of Nitrous Oxide (N<sub>2</sub>O)  
 • \_\_\_\_\_ Tons/year (short tons) of Perfluorocarbons (PFCs)  
 • \_\_\_\_\_ Tons/year (short tons) of Sulfur Hexafluoride (SF<sub>6</sub>)  
 • \_\_\_\_\_ Tons/year (short tons) of Carbon Dioxide equivalent of Hydrofluorocarbons (HFCs)  
 • \_\_\_\_\_ Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)?  Yes  No

If Yes:

i. Estimate methane generation in tons/year (metric): \_\_\_\_\_

ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): \_\_\_\_\_

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i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations?  Yes  No

If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust): \_\_\_\_\_

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j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services?  Yes  No

If Yes:

i. When is the peak traffic expected (Check all that apply):  Morning  Evening  Weekend  
 Randomly between hours of \_\_\_\_\_ to \_\_\_\_\_.

ii. For commercial activities only, projected number of semi-trailer truck trips/day: \_\_\_\_\_

iii. Parking spaces: Existing \_\_\_\_\_ Proposed \_\_\_\_\_ Net increase/decrease \_\_\_\_\_

iv. Does the proposed action include any shared use parking?  Yes  No

v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe: \_\_\_\_\_

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vi. Are public/private transportation service(s) or facilities available within ½ mile of the proposed site?  Yes  No

vii. Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles?  Yes  No

viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes?  Yes  No

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k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy?  Yes  No

If Yes:

i. Estimate annual electricity demand during operation of the proposed action: \_\_\_\_\_

ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other): \_\_\_\_\_

iii. Will the proposed action require a new, or an upgrade to, an existing substation?  Yes  No

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l. Hours of operation. Answer all items which apply.

<p>i. During Construction:</p> <ul style="list-style-type: none"> <li>• Monday - Friday: _____ 7:00am - 6:00pm</li> <li>• Saturday: _____ 7:00am - 6:00pm, as needed</li> <li>• Sunday: _____ 7:00am - 6:00pm, as needed</li> <li>• Holidays: _____ 7:00am - 6:00pm, as needed</li> </ul>	<p>ii. During Operations:</p> <ul style="list-style-type: none"> <li>• Monday - Friday: _____ Substation and associated utility</li> <li>• Saturday: _____ lines are unmanned and operate</li> <li>• Sunday: _____ 24 hours, 7 days a week</li> <li>• Holidays: _____</li> </ul>
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m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both?  Yes  No  
 If yes:  
 i. Provide details including sources, time of day and duration:  
 Temporary, construction-phase noise to be generated between 7:00AM-6:00PM associated with removal of vegetation, debris, excavation/grading of soils, installation of UG utilities and removal/installation of utility towers/poles.

ii. Will proposed action remove existing natural barriers that could act as a noise barrier or screen?  Yes  No  
 Describe: Although existing trees will be removed within the substation property for construction; new plantings will be installed along the substation property perimeter upon completion.

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n.. Will the proposed action have outdoor lighting?  Yes  No  
 If yes:  
 i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:  
Outdoor lighting will be located within substation compound. Height of fixtures will be consistent with the Town of Hempstead standards and dark sky compliant. There will be negligible light spillage onto adjacent properties.

ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen?  Yes  No  
 Describe: Although existing trees will be removed to accommodate the construction of new substation, new plantings will be installed along the substation property perimeter to provide a screen from public view.

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o. Does the proposed action have the potential to produce odors for more than one hour per day?  Yes  No  
 If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures:  
 \_\_\_\_\_  
 \_\_\_\_\_

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p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage?  Yes  No  
 If Yes:  
 i. Product(s) to be stored \_\_\_\_\_  
 ii. Volume(s) \_\_\_\_\_ per unit time \_\_\_\_\_ (e.g., month, year)  
 iii. Generally describe proposed storage facilities: \_\_\_\_\_  
 \_\_\_\_\_

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q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation?  Yes  No  
 If Yes:  
 i. Describe proposed treatment(s):  
Herbicides will be applied annually only inside the substation fence to control vegetative re-growth.  
 \_\_\_\_\_  
 \_\_\_\_\_

ii. Will the proposed action use Integrated Pest Management Practices?  Yes  No

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r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)?  Yes  No  
 If Yes:  
 i. Describe any solid waste(s) to be generated during construction or operation of the facility:  
 • Construction: \_\_\_\_\_ Maximum ~15,000 tons per \_\_\_\_\_ 42 months (unit of time) \* \*: Includes excavated soil only, assuming ~50% re-use.  
 • Operation : \_\_\_\_\_ -- tons per \_\_\_\_\_ -- (unit of time)

ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:  
 • Construction: Demolition will be limited to existing sanitary sewer and water pipes, and the removal/replacement of existing utility towers/poles. During construction the contractor will recycle as much material as possible and re-use all suitable soils.  
 • Operation: N/A

iii. Proposed disposal methods/facilities for solid waste generated on-site:  
 • Construction: All construction and demolition debris and soil not suitable for re-use will be disposed of off-site by the contractor to a NYSDEC and PSEGLI-approved facility.  
 • Operation: N/A

s. Does the proposed action include construction or modification of a solid waste management facility?  Yes  No  
 If Yes:  
 i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): \_\_\_\_\_  
 ii. Anticipated rate of disposal/processing:  
 • \_\_\_\_\_ Tons/month, if transfer or other non-combustion/thermal treatment, or  
 • \_\_\_\_\_ Tons/hour, if combustion or thermal treatment  
 iii. If landfill, anticipated site life: \_\_\_\_\_ years

t. Will proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste?  Yes  No  
 If Yes:  
 i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: \_\_\_\_\_  
It is assumed that the transmission towers that will be removed contain lead-based paint. This material will be properly abated and/or disposed of in accordance with applicable laws and regulations.  
 ii. Generally describe processes or activities involving hazardous wastes or constituents: \_\_\_\_\_  
Lead-based paint will be abated and disposed of in accordance with USEPA/NYSDOH regulations.  
 iii. Specify amount to be handled or generated 0.60 tons/month\*  Over 42 months  
 iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: \_\_\_\_\_  
 v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility?  Yes  No  
 If Yes: provide name and location of facility: \_\_\_\_\_  
 Contractor will select a USEPA/NYSDOH and PSEG LI acceptable disposal facility prior to the commencement of transmission tower removal.  
 If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility: \_\_\_\_\_

**E. Site and Setting of Proposed Action**

**E.1. Land uses on and surrounding the project site**

a. Existing land uses.  
 i. Check all uses that occur on, adjoining and near the project site.  
 Urban  Industrial  Commercial  Residential (suburban)  Rural (non-farm)  
 Forest  Agriculture  Aquatic  Other (specify): Institutional, Vegetated/Undeveloped, Parkland  
 ii. If mix of uses, generally describe: \_\_\_\_\_

b. Land uses and covertypes on the project site.

Land use or Covertype	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces *	1.42	3.12	+1.70
• Forested	0.50	0.00	-0.50
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	1.20	0.00	-1.20
• Agricultural (includes active orchards, field, greenhouse etc.)			
• Surface water features (lakes, ponds, streams, rivers, etc.)			
• Wetlands (freshwater or tidal)			
• Non-vegetated (bare rock, earth or fill)			
• Other Describe: <u>Recharge basin (will require vegetation clearing within easement area)</u>	0.28	0.28	0.00

\*: Includes gravel/dolomite surface of substation and equipment/structure foundations, as well as impervious surfaces of Off-Site Work areas (including negligible surface area occupied by utility poles).

c. Is the project site presently used by members of the community for public recreation?  Yes  No  
*i. If Yes: explain: Work within Eisenhower Park will be coordinated with Nassau County to minimize impact to golf course (i.e. nighttime work hours)*

d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site?  Yes  No  
 If Yes,  
*i. Identify Facilities:*  
 See FEAF Supplemental Information Sheet

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e. Does the project site contain an existing dam?  Yes  No  
 If Yes:  
*i. Dimensions of the dam and impoundment:*  
 • Dam height: \_\_\_\_\_ feet  
 • Dam length: \_\_\_\_\_ feet  
 • Surface area: \_\_\_\_\_ acres  
 • Volume impounded: \_\_\_\_\_ gallons OR acre-feet  
*ii. Dam's existing hazard classification:* \_\_\_\_\_  
*iii. Provide date and summarize results of last inspection:*  
 \_\_\_\_\_

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f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility?  Yes  No  
 If Yes:  
*i. Has the facility been formally closed?*  Yes  No  
 • If yes, cite sources/documentation: \_\_\_\_\_  
*ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:*  
 \_\_\_\_\_  
*iii. Describe any development constraints due to the prior solid waste activities:* \_\_\_\_\_

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g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste?  Yes  No  
 If Yes:  
*i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:*  
 \_\_\_\_\_

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h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site?  Yes  No  
 If Yes:  
*i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply:*  Yes  No  
 Yes – Spills Incidents database Provide DEC ID number(s): \_\_\_\_\_  
 Yes – Environmental Site Remediation database Provide DEC ID number(s): \_\_\_\_\_  
 Neither database  
*ii. If site has been subject of RCRA corrective activities, describe control measures:* \_\_\_\_\_  
*iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database?*  Yes  No  
 If yes, provide DEC ID number(s): 130061, 130014, 130155, 130120, 130112, 130215  
*iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):*  
 See FEAF Supplemental Information Sheet

v. Is the project site subject to an institutional control limiting property uses?  Yes  No

- If yes, DEC site ID number: \_\_\_\_\_
- Describe the type of institutional control (e.g., deed restriction or easement): \_\_\_\_\_
- Describe any use limitations: \_\_\_\_\_
- Describe any engineering controls: \_\_\_\_\_
- Will the project affect the institutional or engineering controls in place?  Yes  No
- Explain: \_\_\_\_\_

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**E.2. Natural Resources On or Near Project Site**

a. What is the average depth to bedrock on the project site? \_\_\_\_\_ approx. 1.100 feet

b. Are there bedrock outcroppings on the project site?  Yes  No  
 If Yes, what proportion of the site is comprised of bedrock outcroppings? \_\_\_\_\_ %

c. Predominant soil type(s) present on project site:

Hempstead Silt Loam (He)	_____	74 %
Urban Land (Ug)	_____	18 %
Urban Land Hemp. Complex (Uh)	_____	8 %

d. What is the average depth to the water table on the project site? Average: \_\_\_\_\_ 11-50 feet

e. Drainage status of project site soils:  Well Drained: \_\_\_\_\_ 100 % of site  
 Moderately Well Drained: \_\_\_\_\_ % of site  
 Poorly Drained \_\_\_\_\_ % of site

f. Approximate proportion of proposed action site with slopes:  0-10%: \_\_\_\_\_ 100 % of site  
 10-15%: \_\_\_\_\_ % of site  
 15% or greater: \_\_\_\_\_ % of site

g. Are there any unique geologic features on the project site?  Yes  No  
 If Yes, describe: \_\_\_\_\_

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h. Surface water features.

i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)?  Yes  No

ii. Do any wetlands or other waterbodies adjoin the project site?  Yes  No  
 If Yes to either *i* or *ii*, continue. If No, skip to E.2.i.

iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency?  Yes  No

iv. For each identified regulated wetland and waterbody on the project site, provide the following information:

- Streams: Name \_\_\_\_\_ Classification \_\_\_\_\_
- Lakes or Ponds: Name Freshwater Ponds Classification PUBHx (4.32 and 0.05 acres)
- Wetlands: Name Freshwater Emergent Wetlands; Freshwater Forested Shrub Approximate Size 0.59 and 0.18; 0.07 acres
- Wetland No. (if regulated by DEC) \_\_\_\_\_

v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies?  Yes  No  
 If yes, name of impaired water body/bodies and basis for listing as impaired: \_\_\_\_\_

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i. Is the project site in a designated Floodway?  Yes  No

j. Is the project site in the 100 year Floodplain?  Yes  No

k. Is the project site in the 500 year Floodplain?  Yes  No

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer?  Yes  No  
 If Yes:  
 i. Name of aquifer: Sole Source Aquifer Names: Nassau-Suffolk SSA \_\_\_\_\_

m. Identify the predominant wildlife species that occupy or use the project site: \_\_\_\_\_  
 Typical suburban mammal and avian \_\_\_\_\_  
 species (raccoon, gray squirrel, blue jay, \_\_\_\_\_  
 cardinal, sparrow, etc.) \_\_\_\_\_

n. Does the project site contain a designated significant natural community?  Yes  No  
 If Yes:  
 i. Describe the habitat/community (composition, function, and basis for designation): \_\_\_\_\_  
 Hempstead Plains Grassland. See Attachment C - Natural Resources for detailed information.  
 ii. Source(s) of description or evaluation: Natural Resources Assessment completed for the Proposed Action and NYNHP Letter  
 iii. Extent of community/habitat:  
 • Currently: \_\_\_\_\_ ~0.1 acres  
 • Following completion of project as proposed: \_\_\_\_\_ 0.0 acres  
 • Gain or loss (indicate + or -): \_\_\_\_\_ -0.1 acres

o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species?  Yes  No  
 See Attachment C - Natural Resources for more information.

USFWS identified six threatened or endangered mammal, bird and flowering plant species at or in the vicinity of the Proposed Action: the Northern Long-eared Bat, Piping Plover, Red Knot, Roseate Tern, Sandplain Gerardia and Seabeach Amaranth. However, no federally or state listed endangered, threatened, and special concern species, or significant habitats were found on-site or within the vicinity of the Proposed Action during site visits.

p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern?  Yes  No  
 See Attachment C - Natural Resources for more information.

NYNHP identified two state-listed threatened animals and eight state-listed plant species at or in the vicinity of the Proposed Action: the Upland Sandpiper, Frosted Elf, Sandplain Agalinis, Few-flowered Nut Sedge, Nuttall's Milkwort, Early Frostweed, Narrow-leaved Bush Clover, Green Milkweed, Midland Sedge and Rough Hedge Nettle. However, these species were not identified on-site or in the vicinity of the Proposed Action during site visits.

q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing?  Yes  No  
 If yes, give a brief description of how the proposed action may affect that use: \_\_\_\_\_

**E.3. Designated Public Resources On or Near Project Site**

a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304?  Yes  No  
 If Yes, provide county plus district name/number: \_\_\_\_\_

b. Are agricultural lands consisting of highly productive soils present?  Yes  No  
 i. If Yes: acreage(s) on project site? \_\_\_\_\_  
 ii. Source(s) of soil rating(s): \_\_\_\_\_

c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark?  Yes  No  
 If Yes:  
 i. Nature of the natural landmark:  Biological Community  Geological Feature  
 ii. Provide brief description of landmark, including values behind designation and approximate size/extent: \_\_\_\_\_

d. Is the project site located in or does it adjoin a state listed Critical Environmental Area?  Yes  No  
 If Yes:  
 i. CEA name: \_\_\_\_\_  
 ii. Basis for designation: \_\_\_\_\_  
 iii. Designating agency and date: \_\_\_\_\_

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on, or has been nominated by the NYS Board of Historic Preservation for inclusion on, the State or National Register of Historic Places?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If Yes:	
<i>i.</i> Nature of historic/archaeological resource: <input type="checkbox"/> Archaeological Site <input checked="" type="checkbox"/> Historic Building or District	
<i>ii.</i> Name: <u>Mitchel Air Base and Flight Line Historic District</u>	
<i>iii.</i> Brief description of attributes on which listing is based: Structures from a period of significance.	
f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
g. Have additional archaeological or historic site(s) or resources been identified on the project site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes:	
<i>i.</i> Describe possible resource(s): _____	
<i>ii.</i> Basis for identification: _____	
h. Is the project site within five miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> See Attachment D - Visual Resources for more information.	
If Yes:	
<i>i.</i> Identify resource: <u>Hempstd. Plains, Mitchel Air Base, Meadowbrook and Want. Pkways, Eisenhower Pk., Francis T. Purcell Preserve, etc.</u>	
<i>ii.</i> Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): <u>Scenic Byways, National Register Sites (listed/eligible), local parks and recreational sites, etc.</u>	
<i>iii.</i> Distance between project and resource: _____ <u>0</u> miles.	
i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes:	
<i>i.</i> Identify the name of the river and its designation: _____	
<i>ii.</i> Is the activity consistent with development restrictions contained in 6NYCRR Part 666?	
	<input type="checkbox"/> Yes <input type="checkbox"/> No

**F. Additional Information**

Attach any additional information which may be needed to clarify your project.

If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

**G. Verification**

I certify that the information provided is true to the best of my knowledge.

Applicant/Sponsor Name Lindsay Peppe Date 7/15/19

Signature [Signature] Title Permitting Specialist Supervisor

Project : \_\_\_\_\_

Date : \_\_\_\_\_

**Full Environmental Assessment Form**  
**Part 3 - Evaluation of the Magnitude and Importance of Project Impacts**  
**and**  
**Determination of Significance**

Part 3 provides the reasons in support of the determination of significance. The lead agency must complete Part 3 for every question in Part 2 where the impact has been identified as potentially moderate to large or where there is a need to explain why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact.

Based on the analysis in Part 3, the lead agency must decide whether to require an environmental impact statement to further assess the proposed action or whether available information is sufficient for the lead agency to conclude that the proposed action will not have a significant adverse environmental impact. By completing the certification on the next page, the lead agency can complete its determination of significance.

**Reasons Supporting This Determination:**

To complete this section:

- Identify the impact based on the Part 2 responses and describe its magnitude. Magnitude considers factors such as severity, size or extent of an impact.
- Assess the importance of the impact. Importance relates to the geographic scope, duration, probability of the impact occurring, number of people affected by the impact and any additional environmental consequences if the impact were to occur.
- The assessment should take into consideration any design element or project changes.
- Repeat this process for each Part 2 question where the impact has been identified as potentially moderate to large or where there is a need to explain why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact.
- Provide the reason(s) why the impact may, or will not, result in a significant adverse environmental impact
- For Conditional Negative Declarations identify the specific condition(s) imposed that will modify the proposed action so that no significant adverse environmental impacts will result.
- Attach additional sheets, as needed.

See FEAF Part 3 - Supplemental Information Sheet

**Determination of Significance - Type 1 and Unlisted Actions**

SEQR Status:  Type 1  Unlisted

Identify portions of EAF completed for this Project:  Part 1  Part 2  Part 3

Upon review of the information recorded on this EAF, as noted, plus this additional support information

and considering both the magnitude and importance of each identified potential impact, it is the conclusion of the Long Island Power Authority (LIPA) \_\_\_\_\_ as lead agency that:

A. This project will result in no significant adverse impacts on the environment, and, therefore, an environmental impact statement need not be prepared. Accordingly, this negative declaration is issued.

B. Although this project could have a significant adverse impact on the environment, that impact will be avoided or substantially mitigated because of the following conditions which will be required by the lead agency:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

There will, therefore, be no significant adverse impacts from the project as conditioned, and, therefore, this conditioned negative declaration is issued. A conditioned negative declaration may be used only for UNLISTED actions (see 6 NYCRR 617.d).

C. This Project may result in one or more significant adverse impacts on the environment, and an environmental impact statement must be prepared to further assess the impact(s) and possible mitigation and to explore alternatives to avoid or reduce those impacts. Accordingly, this positive declaration is issued.

Name of Action: Lindbergh Substation, Associated Transmission Line Replacement/Reconductoring, Distribution Feeder Installation, and C&R Project

Name of Lead Agency: Long Island Power Authority (LIPA)

Name of Responsible Officer in Lead Agency: Rick Shansky

Title of Responsible Officer: Vice President of Operations Oversight

Signature of Responsible Officer in Lead Agency: 

Date: 7/30/19

Signature of Preparer (if different from Responsible Officer) 

Date: 7/18/2019

*on behalf of Lindsay Peppe*

**For Further Information:**

Contact Person: Daniel Rogers, Manager Estimating, Permitting & Risk Management, PSEG Long Island

Address: 175 East Old Country Road, Hicksville, New York, 11801

Telephone Number: (800) 490-0025

E-mail: PSEGLongIslandSEQR@pseg.com

**For Type 1 Actions and Conditioned Negative Declarations, a copy of this Notice is sent to:**

Chief Executive Officer of the political subdivision in which the action will be principally located (e.g., Town / City / Village of)

Other involved agencies (if any)

Applicant (if any)

Environmental Notice Bulletin: <http://www.dec.ny.gov/enb/enb.html>

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**#1 – Impact on Land:** The vast majority of the Proposed Action will be completed within previously disturbed land within existing public roadway right-of-ways, with the exception of the Proposed Substation and a portion of the UG transmission tie-in cables located within a Nassau County-owned property. Construction of the Proposed Substation will require the physical alteration of the substation property, including the removal of existing natural landscape, as well as the removal and replacement/relocation of existing subsurface sanitary sewer and water main pipes. Subsequent to clearing of existing vegetation, site excavation and grading will be required. The Contractor will use existing soil for regrading if it meets geotechnical requirements, otherwise pre-approved material will be imported to the site. The limits of disturbance of the Proposed Substation property are approximately 1.7 acres (approximately 74,000 square feet). Additional vegetation clearing will be required across an approximate 500 linear-foot section of Nassau County-owned property for the installation of the two new underground (UG) 69kV transmission tie-in cables, encompassing an area of approximately 0.28 acres (approximately 12,200 square feet). Open trench activities associated with the installation of the UG transmission tie-in cables within this property will be limited to an approximate 4,000 square foot area. Any impacts to land from construction will be strictly temporary in nature and will be mitigated by work methods and controls. Accordingly, any impacts to land would be minor and not significant.

**#3 – Impact on Surface Waters:** As the Proposed Action will require soil disturbance of an area greater than one acre, the Proposed Action requires coverage under the State Pollutant Discharge Elimination System (SPDES) General Permit for Stormwater Discharges from Construction Activity (NYSDEC SPDES Permit No. GP-0-15-002). Stormwater quality and volume will be addressed in Stormwater Pollution Prevention Plans (SWPPP) that will be prepared for the Proposed Substation and Off-Site Work prior to initiation of construction activities. The SWPPPs will be prepared in accordance with the requirements and the technical specifications set forth in the NYSDEC SPDES Permit No. GP-0-15-002 and New York State Stormwater Management Design Manual (NYSSMDM) or the “Blue Book”. A review of USFWS National Wetland Inventory (NWI) maps indicates a freshwater emergent wetland is present on the Nassau County-owned property located north of Perimeter Road. In addition, a NWI mapped freshwater emergent wetland, freshwater forested/shrub wetland and freshwater pond are located adjacent to the east of Perimeter Road. These wetlands and their adjacent areas are not regulated by NYSDEC. Although these wetlands are located in the vicinity of the Off-Site Work (specifically the UG 69kV transmission tie-in cables), these work components are located outside the boundaries of these NWI wetlands. Given the vast majority of the work is completed within previously disturbed areas and best management practices will be implemented, there will be no significant adverse impacts to wetlands.

**#4 – Impact on Groundwater:** After completion of the Proposed Substation, herbicides will be applied annually inside the substation and immediately outside of the fencing to control vegetative re-growth. PSEG Long Island will follow best management practices and follow manufacturer’s guidelines when applying these herbicides. Based on the depth of excavation activities and the depth to groundwater throughout the Proposed Action area, dewatering is not anticipated; however, may be required at select locations. If warranted, groundwater will

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be removed utilizing pumps and will be transferred into frac tanks for on-site containment, testing, and subsequent off-site transportation and disposal. Dewatering activities will follow best management practices to avoid erosion and sediment migration concerns. Several of the transmission structures planned for removal as part of the Proposed Action contain lead based paint (LBP). This material will be properly abated and/or disposed of in accordance with applicable laws and regulations. As such, the Proposed Action will not result in significant adverse impacts to groundwater.

**#5 – Impact on Flooding:** A portion of the Off-Site Work is located within the FEMA-designated 100-year floodplain. However, locations within the floodplain are limited to an approximately 1,625-linear foot portion of the 69kV UG transmission tie-in cables along Perimeter Road. Land uses of this area will not change following installation of the 69kV UG transmission tie-in cables, and surface features will be restored to match existing conditions. As such, the Proposed Action will not result in significant adverse impacts to flood levels, flood risk, or the flow of flood waters on or within the vicinity of the Proposed Action. In addition, as discussed above, SWPPPs will be prepared for the Proposed Substation and Off-Site Work to control stormwater.

**#7 – Impact on Plants and Animals:** Ecological communities within the Proposed Action areas are limited to an undeveloped parcel (i.e. poor quality Successional Old Field/Hempstead Plains Grassland/Successional Shrubland mix) and previously disturbed right-of-way or adjacent areas (Mowed roadside/pathway, a Paved Road/path). These communities provide limited ecological value due to the extensive coverage of invasive species and regular human disturbance, as well as limited habitat value for wildlife species. Additionally, while field surveys indicated a small area within the boundaries of the Proposed Substation property is comprised of remnant Hempstead Plains Grassland, given the relatively small size of this area, which is surrounded by invasive species, it was determined that this area is heavily degraded and no rare plant species were identified during site visits. Since no threatened or endangered plant species were observed in this small area, or in any other portions of the Proposed Action site during site visits, the Proposed Action will not result in significant adverse impacts to the Hempstead Plains Significant Natural Community, or any grassland-dependent rare, threatened or endangered species.

**#9 – Impact on Aesthetic Resources:** A Visual Resources Assessment was completed for the Proposed Action (see Attachment D). Portions of the Proposed Action are located within and immediately adjacent to the Mitchel Air Base and Flight Line Building District (the District), which is listed on the National Register of Historic Places. In addition, 17 properties eligible for listing in the National Register of Historic Places, eight locally significant resources, and two scenic byways were identified within one-mile of the Proposed Action. The Visual Resources Assessment determined that the Proposed Substation and Off-Site Work may be visible from several of these resources (the District, Eisenhower Park, the Hempstead Plains Preserve, the Francis T. Purcell Preserve and the Meadowbrook State Parkway). However, given the existing visual aesthetic of the Nassau Energy Corporation facility located adjacent to the Proposed Substation and the proposed landscape plan to install

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permahedge fencing and trees surrounding the Proposed Substation, the Proposed Substation will not result in a significant adverse impact to the viewshed of these resources. In addition, given the existing presence of the utility infrastructure in these areas, the limited number of structure modifications proposed in the Off-Site Work areas, as well as other existing structures taller than the Off-Site Work components, the new and replacement transmission poles in Off-Site Work areas will not result in a significant visual change or significant adverse impact to these resources. Consultation requests were submitted to the NYSOPRHP in order to evaluate the potential impact from the Proposed Action on archaeological and/or historic resources within or in the vicinity of the project area. Responses were received from the NYSOPRHP on February 20 and March 14, 2019 stating that the Proposed Action will have no impact on archaeological and/or historic resources listed in or eligible for the New York State and National Register of Historic Places.

**#10 – Impact on Historic or Archaeological Resources:** Consultation requests were submitted to the NYSOPRHP in order to evaluate the potential impact from the Proposed Action on archaeological and/or historic resources within or in the vicinity of the project area. Responses were received from the NYSOPRHP on February 20 and March 14, 2019 stating that the Proposed Action will have no impact on archaeological and/or historic resources listed in or eligible for the New York State and National Register of Historic Places.

**#15 – Impact on Noise, Odor & Light:** A detailed Noise Impact Assessment Study was prepared to evaluate the potential sound-level impact of future operational noise levels at the Proposed Substation. Based on the results of the Noise Impact Assessment Study, the modeled noise impact levels from the Proposed Substation were 15.3 dBA at the closest non-industrial receptor (the Hempstead Plains Education Center). The modeled worst-case future noise levels from the proposed transformers at the closest non-industrial receptor location will not result in any perceptible noise increase above existing ambient noise levels. The Off-Site Work components do not include the installation of any operational-phase noise-generating equipment. Temporary construction-phase noise will be generated during the Proposed Action; however, these impacts will be strictly temporary in nature.

**#16 – Impact on Human Health:** After completion of the Proposed Substation, herbicides will be applied annually inside the substation and immediately outside of the fencing to control vegetative re-growth. PSEG Long Island will follow best management practices and follow manufacturer's guidelines when applying these herbicides. Several of the transmission structures planned for removal as part of the Proposed Action contain lead based paint (LBP). This material will be properly abated and/or disposed of in accordance with applicable laws and regulations. Therefore, the Proposed Action will not have a significant adverse impact on human health as a result of the application of herbicides or abatement of LBP.

There are six NYSDEC remediation sites located within 2,000 feet of the Proposed Action. Of these six sites, the closest to the Proposed Action is Mitchell Field (NYSDEC Site No.

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130112), located immediately west of Earle Ovington Boulevard (approximately 0.05 feet northwest of the Proposed Action). Exposure to contamination at this site is not anticipated during construction/operation of the Proposed Action, as soil excavation activities will be monitored, and proper health and safety protocols will be implemented during construction activities. In addition, the reported depth to groundwater below this site ranged from 25 to 35 feet below grade and excavation activities closest to this area are not anticipated to extend beyond depths of 5 feet below grade. The remaining remediation sites are not anticipated to impact human health during construction or operation of the Proposed Action as remediation has either been completed at these sites, subsurface soil contamination is limited to these properties, and as groundwater is not planned to be utilized as a source of potable water and the area is serviced by public water. Soil excavation activities will be monitored and proper health and safety protocols will be implemented during construction activities.

There are 13 identified facilities serving children, the elderly, or people with disabilities (see table below) within 1,500 feet of the Proposed Action; however, none of these are located adjacent to the Proposed Substation. Construction impacts associated with of the Off-Site Work will be minimal and temporary nature, and thus will have no significant adverse impacts on these sensitive receptors.

<b>Facility Name</b>	<b>Type</b>	<b>Closest Distance From Proposed Action (approximate)</b>
Nassau Community College	University	Adjacent to UG Transmission Tie-In Cables
Hofstra University	University	Adjacent to UG Distribution Exit Feeders
Cornelius Court School	School	Adjacent to UG Distribution Exit Feeders
A Holly Patterson	Assisted Living	Adjacent to OH Distribution Pole Replacement Activities
Robert E. Lupinskie Center for Curriculum	School	700 feet east of UG Transmission Tie-In Cables
California Avenue School	School	1,350 feet west of UG Distribution Exit Feeders; and 150 feet west of OH Distribution Pole Replacement Activities
Turtle Hook Middle School	School	350 feet southeast of OH Distribution Pole Replacement Activities
Nassau Library System	Library	550 feet southwest of OH Distribution Pole Replacement Activities
Uniondale Public Library	Library	650 feet north of OH Distribution Pole Replacement Activities

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Facility Name	Type	Closest Distance From Proposed Action (approximate)
Kofinas Perinatal	Health Care	850 feet north of Section A OH Transmission Line
Kellenberg High School	School	1,275 feet west of OH Distribution Pole Replacement Activities
St. Martin de Porres Marianist School	School	1,200 feet west of OH Distribution Pole Replacement Activities
The Bristol Assisted Living Facility at East Meadow	Assisted Living	1,150 feet southwest of OH Distribution Pole Replacement Activities

**#17 – Consistency with Community Plans:** The Nassau County Comprehensive Plan does not specifically mention activities that would be related to the Proposed Action. However, this plan states that redeveloping the Nassau Hub is one of the County’s major economic goals. The Proposed Action will increase electric supply and reliability within the surrounding area, including the Nassau Hub. As such, the Proposed Action is consistent with the Nassau County Comprehensive plan.

**#18 – Consistency with Community Character:** Construction of the Proposed Substation will result in changes to the land use of the property. An industrial power plant, Nassau Energy Corporation, is currently located immediately west of the Proposed Substation property. As such, construction of the Proposed Substation will be consistent with surrounding land uses and will not represent a significant contrast to the existing community character. The Off-Site Work will include underground utility installations that will result in no significant adverse impacts to community character, or will include the removal/replacement/installation of OH transmission/distribution lines and structures in areas where utility infrastructure currently exists. As such, the Off-Site Work is consistent with community character.