

INFORMATION TECHNOLOGY

Interconnection Online Application Portal

JUNE 2020

INTERCONNECTION WORKING GROUP

Imagination,
Speed,
Quality.

FOR DISCUSSION PURPOSES ONLY



PSEG
We make things work for you.

IOAP Phases – Phase 1 – In progress

This initiative is to **streamline interconnection application processes for distributed generation (DG) projects, and to adequately prepare for the greater amounts of DG deployment expected** in accordance with the NYS Climate Leadership & Community Protection Act (CLCPA) Initiatives.

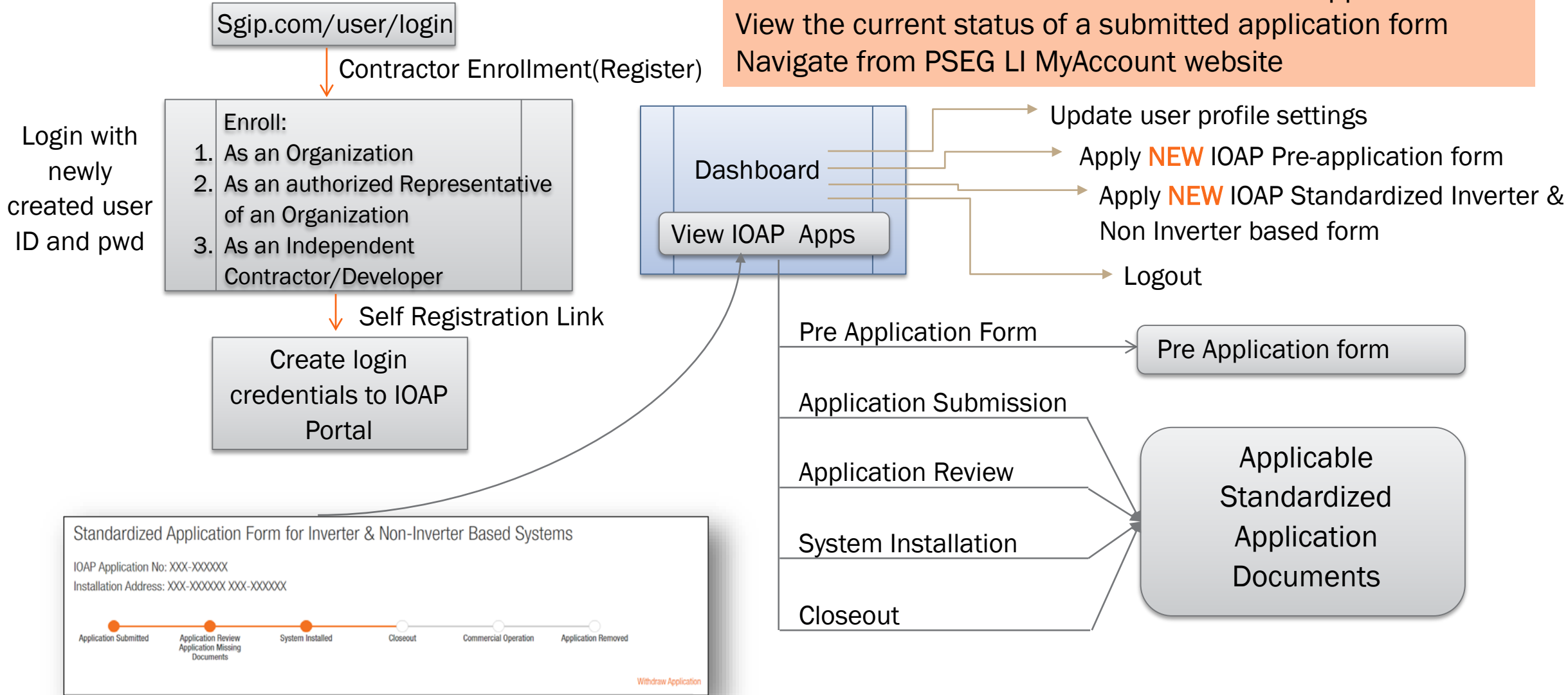
Automate Application Management – Automate application management and proceed towards integrating the site availability and installation readiness validations (system requirements checks and sizing compatibilities) into existing utility interconnection application processing database and systems (for all Applications 0- 10MW).

Enhanced Customer Journey for interconnection customers to apply online, upload required documents and obtain real time status update on the interconnection projects.

IOAP Website- Overview

IOAP portal is designed for contractor or PSEG LI customer to:

- Submit new inverter and non-inverter based application form
- View the current status of a submitted application form
- Navigate from PSEG LI MyAccount website



IOAP Portal Login



Organizations \ an authorized representative for an organization \ an independent contractor or developer can register.
Registered user can login to the portal

Welcome

Interconnect Online Application Portal Login

PSEG LI Customer/Contractor ☒

[Forgot Password/Username?](#)

LOG IN

New to IOAP?

Its easy to access your account online. Register now!

REGISTER

IOAP Contractor Registration- Contractor Organization

IOAP Contractor Organization & Individual Contractor Registration

Please note: All fields with a red asterisk are mandatory and must be filled out

I want to create profile*

as an Organization

Organization*

Enter Organization Name

Organization Alias*

Enter Organization Alias

Email*

Enter Email Address

Website*

Enter Website Name

IOAP Contractor Registration– Authorized Representative

IOAP Contractor Organization & Individual Contractor Registration

Please note: All fields with a red asterisk are mandatory and must be filled out

I want to create profile*

as an authorized representative for an organization

Organization\Contractor ID*

xxxxxxxx

SEARCH

Organization Profile

Organization: XXXXXXXX XXXXXXXX, XX
Email: XXXXXXXX@XXXXXXX.com
Address: XXXXXXXX, XXXXXXXX, XX-XXXX

Website: https://XXXXX.COM
Phone: 1 (XXX) XXX-XXXX
Fax: 1 (XXX) XXX-XXXX

First Name*

Enter First Name

Middle Name

Enter Middle name

IOAP Contractor Registration- Independent Contractor

IOAP Contractor Organization & Individual Contractor Registration

Please note: All fields with a red asterisk are mandatory and must be filled out

I want to create profile*

as an Independent Contractor/Developer



First Name*

Enter First Name

Middle Name

Enter Middle name

Last Name*

Enter Last Name


Email*

Please enter Email

Phone Number*

Fax Number

IOAP Contractor Registration- Self Registration for Login Credentials



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Register for IOAP Portal

GREAT! WE HAVE CONFIRMED YOUR ACCOUNT AT: **XXXXXXXX, XXXXX (XXXXXXXX)**
Now let's set up your profile.

Email	Confirm Email
<input type="text" value="Email"/>	<input type="text" value="Confirm Email"/>
Username	Username Requirements
<input type="text" value="Username"/>	<ul style="list-style-type: none">✗ Between 8-24 characters ('@' and '.' are the only special characters allowed)
Password	Password Requirements
<input type="text" value="Password"/>	<ul style="list-style-type: none">✗ Must be 8 - 22 characters✗ At least 1 number✗ At least 1 letter✗ Cannot contain your username
Confirm Password	
<input type="text" value="Confirm Password"/>	

CREATE PROFILE

IOAP Dashboard

Welcome to IOAP Dashboard

LIPA's Interconnect online application portal provide a framework for processing applications for interconnection to LIPA's Distribution System for new or modified distributed generation facilities with a nameplate rating 10 MW or less aggregated on the customer side of the point of common coupling (PCC). PSEG Long Island has implemented this online portal to facilitate the IOAP application process.

1. Link to Update User Profile
2. Link to “View IOAP Applications” in case of multiple applications.
3. Link to create new Pre-Application Form.
4. Link to create new IOAP Form.

Apply for Pre Application Form

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[CLICK HERE](#)

[Click here to Update User Settings](#)

Standardized IOAP Inverter\Non Inverter Form

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

[CLICK HERE](#)

[Click here to View IOAP Application](#)

IOAP Applications

Application List

Find an Application

Contractor's name

	Service Address	Application #	PSEG LI Customer #	Application Status	Application Sub-Status
<input checked="" type="checkbox"/>	<div>NY 11691</div>	SGIPAPP-100		Application Submission	Application submitted
<input type="checkbox"/>	<div>NY 11692</div>	SGIPAPP-110		Close out	Missing Closeout Documents
<input type="checkbox"/>	<div>NY 11694</div>	SGIPAPP-210		Pre Application	Pre Application Completed
SHOW 2 CLOSED APPLICATIONS					
<input type="checkbox"/>	<div>NY 11691</div>	SGIPAPP-096		APPLICATION REMOVED	Application removed from queue

1. Depending on the Application status either “Pre application form” or “Standardized IOAP Inverter/Non-Inverter form” will be displayed.
2. When the user is a Contractor, PSEG LI Customer ID will be displayed

IOAP Pre-Application Form

1. Allows the applicant to provide GPS co-ordinates for preliminary stage projects
2. Allows the applicant to upload files

PRE-APPLICATION FORM

Please note: All fields with a red asterisk are mandatory and must be filled out

DISTRIBUTION GENERATOR PROJECT INFORMATION

First Name*

Enter First Name

Last Name*

Enter Last name

DG Technology Type*

Choose the Technology Type

Proposed project size in kW(AC)*

Enter project size

Address

Please enter project address

City*

Please enter city

State

NY

Zip code*

Please enter zip code

GPS COORDINATES

Latitude

Please enter latitude

Longitude

Please enter longitude

SGIP Application Fee

UPLOAD

IOAP Pre-application - cntd.

PSEG LI response for Pre Application Form.

Pre- Application Report: (Provided to Applicant by PSEG LI - 10 Business Days)

Operating Voltage of closet distribution line: 230V

Phasing at site: Two Phase

Approximate distance to 3-Phase(if only 1 Or 2 phase nearby): 100 ft.

Circuit Capacity (MW): 10

Fault current availability, if readily obtained: N/A

Circuit peak load for the previous calendar year: 20MW

Circuit minimum load for the previous calendar year: 0MW

Approximate distance between serving substation & project site: 100 miles

Number of substation banks: 10

Total substation bank capacity (MW): 230V

Total substation peak load (MW): 2000MW

Aggregate existing distributed generation on the circuit(kW): 20kW

Aggregate queued distributed generation on the circuit(kW): 1kW

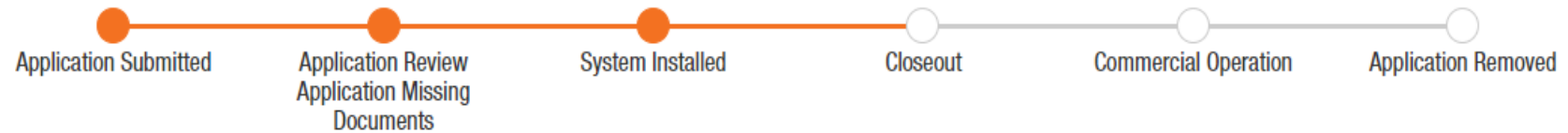
IOAP Standardized Inverter/Non- Inverter Form Part – I

1. Verifies contractor information against existing Customer information against MyAccount.
2. Allows filing an application for both existing and non existing PSEG LI customer.
3. Allows applicant to withdraw an application

Standardized Application Form for Inverter & Non-Inverter Based Systems

IOAP Application No: XXX-XXXXXX

Installation Address: XXX-XXXXXX XXX-XXXXXX



Withdraw Application

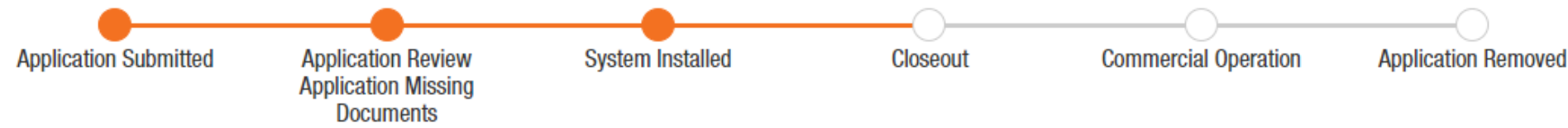
Application	Customer has PSEG LI Account Number <input checked="" type="checkbox"/>	
Customer Profile	Existing Customer Profile Lookup	
Tier Selection	Account*	Name*
System Info	<input type="text" value="XXX"/>	<input type="text" value="XXXXXXX"/>
Energy Storage System	Zip Code*	<input type="button" value="SEARCH"/>
Solar Panel	<input type="text" value="XXXXX"/>	
Energy Producing Equipment	PSEG Customer Profile	

IOAP Standardized Inverter/Non- Inverter Form Part – II

Standardized Application Form for Inverter & Non-Inverter Based Systems

IOAP Application No: XXX-XXXXXX
Installation Address: XXX-XXXXXX XXX-XXXXXX

Based on Property type further fields are displayed.



Withdraw Application

Application

Customer Profile

Tier Selection

System Info

Energy Storage System

Program Type*

Choose the Program Type

Property Type*

Industrial/Commercial

Request Type*

50 KW-5MW Phase

Interconnection Type*

Emergency\Standby Generator

Please contact building and renovation services at - BRSLL@pseg.com or [Click here](#)

IOAP Standardized Inverter/Non-Inverter Form Part – III

1. Allows applicant to choose one of the three tiers
2. Based on Interconnection type allows the applicant to continue further
3. Allows applicant to choose Inverter type
4. Allows the applicant to choose “System type” based on which the equipment will be displayed.

Application	Request Type*	Interconnection Type*
Customer Profile	50 KW-5MW Phase	Distribution Generator in Parallel with LIPA System
Tier Selection	ELECTRIC SERVICE	
System Info	Electric Service Type*	
Energy Storage System	Existing Service	
Solar Panel	Electric Phase*	Secondary 3 Phase Transformer Connection*
Energy Producing Equipment	Three Phase	Delta
Inverters	Capacity*	Voltage*
Non-Inverters	Choose the capacity	Choose the electric voltage
Miscellaneous	Location of generator disconnect switch*	other*
Overall System Output	others	Enter disconnect switch location
Study Documents	Generator Type*	System Type*
Design / Construction Documents	Inverter	All Hybrid EXCEPT PVES
Closeout		

IOAP Standardized Inverter/Non- Inverter Form Part – IV

Equipment information can be entered on this part of the form

ENERGY STORAGE SYSTEM INFORMATION

Manufacturer

Choose the Manufacturer

Model No

Choose the Model

Total rating kW (AC)

Enter Total rating kW (AC)

Total Rating (KWH) *

Please enter Total Rating KWH

ADD EQUIPMENT

REMOVE

SOLAR PANEL

Panel Manufacturer

Enter Panel Manufacturer Name

Model No

Enter Model No

Version No

Enter Version No

Panel Power Rating - kW(DC) *

Please enter Panel Power Rating in kW(

Quantity of Panels: *

Please Quantity of Panels:

Total Rated Output

Quantity * rating kW(DC)

IOAP Standardized Inverter/Non- Inverter Form Part IV- contd.

Application

Customer Profile

Tier Selection

System Info

Energy Storage System

Solar Panel

Energy Producing Equipment

Inverters

Non-Inverters

Miscellaneous

Overall System Output

INVERTER INFORMATION

Manufacturer

Enter Inverter Manufacturer Name

Model No

Enter Model No

Inverter rating kW (AC)

Enter rating kW (AC)

Quantity on Inverters *

Please enter quantity

ADD INVERTER

Manufacturer: XXXX XXX

Model No: AE 100TX

Inverter Rating: 100.00

Quantity: 23

remove

Manufacturer: XXXX XXX

Model No: SS-LI 2YWS

Inverter Rating: 10.00

Quantity: 3

remove

Inverter Information
can be entered on
this part of the form

IOAP Standardized Inverter/Non- Inverter Form Part – V

1. This part of the form allows for multiple document upload based on the Request Type
2. “Save for Later” button allows to save whatever information has been added that can be retrieved later to continue filling the application

A one-line \ three-line system diagram including detailed information on the wiring configuration at the PCC and an exact representation of existing utility service	UPLOAD
SGIP Application Fee	UPLOAD
Site Plan (new \ Existing Service)	UPLOAD
Project \ Site Proposal Details	UPLOAD
Product Report (System) NRTL/UL 1741 Certification	UPLOAD
Product Report (Equipment) NRTL/UL 1741 Certification	UPLOAD
Others	UPLOAD
<div>CANCEL</div> <div>SAVE FOR LATER</div> <div>SUBMIT</div>	

IOAP Closeout – I

Contractor will be able to edit the equipment when the application status will be reset to Revised Application Review – by clicking on “Edit” button.

Application

Study Documents

Design / Construction Documents

Closeout

Closeout Documents

Contact Us

Interconnection Customer:XXXX XXXXXX

Location of the Small Generator:XXXX XXXXXX XXXX XXXXXX

Installed System Total Output:128 kW DC and 200 kW AC

Installed Energy Storage Total Output:134 kW AC and 190 kWh

EDIT

To edit above information, please update initial application before submitting closeout document.

Inspection:

Is the Small Generator has been installed in compliance with the local building/electrical codeand inspected by local inspection/electrical underwriter?*

YesNo

Application

Study Documents

Design / Construction Documents

Closeout

Closeout Documents

Contact Us

Operational Contact

First Name*

Operational Contact First Name

Last Name*

Operational Contact Last Name

Telephone*

Telephone

Email*

Email address

Electrician

First Name*

Electrician First Name

Last Name*

Electrician Last Name

License No:*


License number

Email*

Email address

Telephone*

Fax



FOR DISCUSSION PURPOSES ONLY

20

Standardized Application Form for Inverter & Non-Inverter Based Systems



[Withdraw Application](#)

Application
Study Documents
Design / Construction Documents
Closeout
Closeout Documents
Contact Us

Closeout Checklist

Electrical Inspection Certificate	UPLOAD
Self Certification Form	UPLOAD
Operation Agreement	UPLOAD
Others	UPLOAD

Standardized Application Form for Inverter & Non-Inverter Based Systems

Application Submitted

Application Review

System Installed

Closeout

Commercial Operation

Application Removed

Withdraw Application

Application

Study Documents

Design / Construction Documents

Closeout

Closeout Documents

Contact Us

Contact Us

Questions/Response:

All the chat conversation recorded in Salesforce will be displayed here

Would you like to send a message to PSEGLI:

Please enter you question/response to the PAM Administrator here

SEND

User can communicate with the PSEG LI here

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JULY 2020

THANK YOU

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We make things work for you.