



Queue Point User Guide

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PJM Interconnection

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I. Introduction

This user guide explains how to request access to and use the Queue Point module in PJM's Planning Center tool and provides helpful tips. Queue Point is a module that allows users to enter data for New Service Requests.

The guide consists of the following sections:

- 1 | What Is Queue Point?
- 2 | How To Request Access to Queue Point
- 3 | Submitting a New Service Request in Queue Point
- 4 | Legacy Queue Requests in Queue Point
- 5 | Definitions

II. Section 1: What Is Queue Point?

Queue Point is a module within PJM's Planning Center tool that allows users to enter data for multiple attachment forms in a single location. It consolidates New Service Request data and As-Is Study data.

The information provided through these forms is used to conduct various studies to identify any transmission system enhancements needed to maintain grid reliability while accommodating the New Service Request.

Queue Point is able to handle the deficiency process, including automated notifications, integration with PJM calendars and role-based functionality.

III. Section 2: How To Request Access to Queue Point

In order to use Queue Point, you first must be provided access.

If your company is an active member of PJM:

- Go to PJM's [Account Manager page](#). Log in to Account Manager with your user ID and password, and request Planning Center Queue Point Read-Only or Read/Write Access.
- If you do not see Planning Center Queue Point Read-Only or Read/Write Access as an option, request access through your Company Account Manager (CAM). They will be able to authorize your access to Planning Center Queue Point Read-Only or Read/Write Access. You may be required to create a new user ID under the specific organization provided by your CAM.

If your CAM administrator is not familiar with Planning Center Queue Point Read-Only or Read/Write Access, please contact PJM [Customer Service](#).

Production accounts differ from Training (Sandbox) test accounts. If you do not have an account in either environment, you should work with your CAM to provision the accounts or follow the New User Registration instructions within the [Account Manager User Guide](#) (PDF).

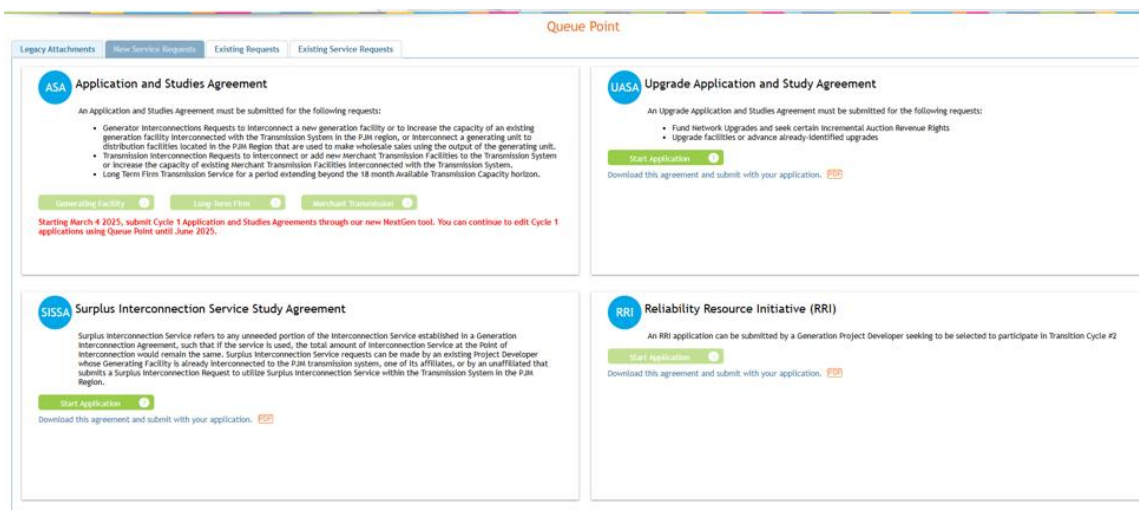
If your company is not a PJM member, you must first create a new company account. To create an account and gain access:

- Follow the New User Registration/CAM Access process available on pages 2–8 in the [Account Manager User Guide](#) (PDF).
- When you reach step 2, select the checkbox to enter your company account name, which will create the account without tools access (default tools access only, including Queue Point).
- When you select **Next**, you will receive a confirmation review page with default tools access.
- Select **Submit** to complete registration. You will receive a second confirmation message once registration is complete.
- You will receive an email containing a link to set up your password. Once this is complete, you will be able to access Queue Point.

IV. Section 3: Submitting a New Service Request in Queue Point

Queue Point was formerly used to collect Feasibility Study data and System Impact Study data (if applicable) for Attachment N, Attachment BB, Attachment EE, Attachment S, and Attachment Y and As-Is Study data through a single application. It is now used to maintain existing requests and collect As-Is Study data for these former submissions and submit new Upgrade Application and Study Agreements, and Surplus Interconnection Service Study Agreements.

To begin a New Service Request, download and complete the corresponding Upgrade Application and Studies Agreements, or Surplus Application and Studies Agreement via the link below the corresponding section. The completed form will be uploaded to Queue Point during the application process. To submit a request, click the green button for the appropriate request type.



The screenshot displays the Queue Point web application interface. At the top, there is a navigation bar with the following tabs: Legacy Attachments, New Service Requests, Existing Requests, and Existing Service Requests. Below the navigation bar, the main content area is divided into four sections, each representing a different service request type:

- ASA Application and Studies Agreement:** This section includes a description of the agreement and a list of requests it covers: Generator Interconnections, Distribution Facilities, Transmission Interconnections, and Long Term Firm Transmission Service. It also features a green "Start Application" button and a note about the March 4, 2025 deadline.
- UASA Upgrade Application and Study Agreement:** This section includes a description of the agreement and a list of requests it covers: Fund Network Upgrades and Upgrade facilities. It also features a green "Start Application" button and a note about downloading the agreement.
- SISA Surplus Interconnection Service Study Agreement:** This section includes a description of the agreement and a list of requests it covers: Surplus Interconnection Service. It also features a green "Start Application" button and a note about downloading the agreement.
- RRI Reliability Resource Initiative (RRI):** This section includes a description of the agreement and a list of requests it covers: Reliability Resource Initiative. It also features a green "Start Application" button and a note about downloading the agreement.

Upgrade Requests

1. Application Information

The first part of the application collects the general application information. To save the application at any time, click **Save as Draft**.

2. Supporting Documents

The required supporting documents are outlined in the applicable studies agreement, the PJM Manuals and Tariff. All required documents must be provided with the application for it to be considered complete. Only one file may be uploaded for each required section. If multiple documents need to be uploaded for a given field, they will need to be combined or zipped first. To upload a file, click **Choose File**.

Application Information	Supporting Documents	
Supporting Documents		
Deposits	Completed Agreement (ASA, UASA, or SISA)	+ Choose File
Review	Identification of ownership interest (site control)	+ Choose File
Confirmation	Site plan	+ Choose File
	Single line diagram	+ Choose File
	Proof of Qualifying Facility status	+ Choose File
	Other documents	+ Choose File
		Save as Draft Save & Validate

3. Point of Interconnection

Details of the Point of Interconnection must be provided. If you select **Direct connection**, you must provide the substation name and POI voltage. If you select **Single line tap / New substation**, you will provide the name of substation A and B, distance from POI to substation A and B, the line voltage, and total length of line. If **Other** is selected, describe the connection type in detail.

Point of Interconnection

POI state *	POI county *
Select a state	Select a county
Connection type *	
☐ Direct connection / Existing substation ☐ Single line tap / New substation ☐ Other connection type	
Save as Draft Save & Validate	

4. Deposits

Payment details for the required deposit(s) must be provided to facilitate associating the payments with the appropriate request. Readiness deposits may be provided in the form of a letter of credit or wire transfer. Select the radial button for the appropriate item to update the required fields. Study deposits must be in the form of a wire transfer.

5. Review and Confirmation

Review the data before submitting. If you want to edit a field, click **Edit**. Once you have checked all of the fields, you can then submit the data.

You can save the page and complete the information at a later time by clicking **Save as Draft**.

The **Save & Validate** button validates all of the fields in that particular tab and saves them. You can only submit the information in the review section once every tab has been saved and validated. Once submitted, the New Service Request will be added to the Existing Cycle Requests tab.

At this point, the form is available for printing. PJM will review the data provided and follow up via email, Queue Point, or phone as needed.

Surplus Requests

1. General Information

The first part of the application collects the general information of the surplus unit, such as project name, applicant contact information and facility information: Street Address or Coordinates, planned in service date, etc. To save the application at any time, click **Save as Draft**.

2. General Information (Existing Unit)

The second part of the application collects the general information of the existing unit, such as project name, contact information and facility information: Street Address or Coordinates, Maximum Facility Output (MFO) and Capacity Interconnection Rights (CIR).

3. Point of Interconnection

Details of the point of interconnection must be provided. If you select **Direct connection**, you must provide the substation name and POI voltage. If you select **Single line tap / New substation**, you will provide the name of substation A and B, distance from POI to substation A and B, the line voltage, and total length of line. If **Other** is selected, describe the connection type in detail.

4. Project Capability

Required additional details and documents needed are outlined in the Surplus Interconnection Service Study Agreement, the PJM Manuals and Tariff. All required documents must be provided with the application for it to be considered complete. Only one file may be uploaded for each required section. If multiple documents need to be uploaded for a given field, they will need to be combined or zipped first. To upload a file, click **Choose File**.

Project Capability (Surplus Unit)

Type of request *

☒ Modify existing facility or facility construction ?

☐ Build new facility ?

Describe the type of work that will be performed *

Generating Facility Capability

	Summer	Winter
Net energy existing *	 <i>The expected Summer MW capabilities during summer period</i>	MW <i>The expected Winter MW capabilities during winter period</i>
Net energy proposed incremental increase *	 <i>The expected Summer MW capabilities during summer period</i>	MW <i>The expected Winter MW capabilities during winter period</i>
Total net energy *		MW
Gross energy output of facility *	 <i>The expected Summer MW capabilities during summer period</i>	MW <i>The expected Winter MW capabilities during winter period</i>
		Maximum Facility Output (MFO)
Existing *		MW
Proposed incremental increase *		MW
Total *		MW

Auxiliary Load

Total auxiliary load of facility *

Load related to the operations of the plant (e.g fans, pumps, etc)

Summer

The expected Summer MW capabilities during summer period

Winter

 MW

The expected Winter MW capabilities during winter period

 MVAR

Where is the auxiliary load being connected? *

Station Load

Station load to support generation of electricity *

Load necessary to support facility of the plant (e.g. heating, lighting, air-conditioning, office equipment etc)

Summer

The expected Summer MW capabilities during summer period

Winter

 MW

The expected Winter MW capabilities during winter period

 MVAR

Where is the station load being connected? *

Total Reactive Power Capability at Max Gross Energy Output

Lagging - Overexcited

Summer

Winter

 MVAR

Leading - Underexcited

 MVAR

Additional comments related to the configuration above: *

Fuel Supply Verification

Primary fuel type

☐ Natural Gas ☐ Other

Describe electrical connections between the generation facility and the load.

Supporting Documents

To submit multiple files at once, please place them into a Zip file before uploading.

Identification of ownership interest (site control)

+ Choose File

Site plan *

+ Choose File

Single line diagram *

+ Choose File

Evidence of Shared Facilities Agreement between the Existing Generating Facility Owner and the Surplus Interconnection Customer

+ Choose File

Written documentation stating that the owner of the surplus generating unit and the owner of the existing Generating Facility will have entered into, prior to the owner of the existing Generating Facility executing a revised Interconnection Service Agreement, a shared facilities agreement between the owner of the existing Generating Facility and the owner of the surplus generating unit detailing their respective roles and responsibilities relative to the Surplus Interconnection Service.

Permission from existing Generating Facility Owner to Utilize Surplus Interconnection Service

+ Choose File

Written evidence from the owner of the existing Generating Facility granting Surplus Interconnection Customer permission to utilize the existing Generating Facility's unused portion of Interconnection Service established in the existing Generating Facility's Interconnection Service Agreement.

Completed Study Agreement (SISSA) *

+ Choose File

Other documents

+ Choose File

Project Capability (Surplus Unit)

Type of request *

☐ Modify existing facility or facility construction ?

☒ Build new facility ?

Describe the facility and circumstances under which Surplus Interconnection Service will be available at the existing Point of Interconnection *

Generating Facility Capability

Maximum Facility Output (MFO) of the facility *

 MW

as defined in section 1.18A.03 of the PJM Tariff

Net energy *

Summer

Winter

 MW

The expected Summer MW capabilities during summer period

The expected Winter MW capabilities during winter period

Gross energy output of facility *

 MW

The expected Summer MW capabilities during summer period

The expected Winter MW capabilities during winter period

Auxiliary Load

Total auxiliary load of facility *

Load related to the operations of the plant (e.g fans, pumps, etc)

Summer

Winter

 MW

The expected Summer MW capabilities during summer period

The expected Winter MW capabilities during winter period

 MVAR

Where is the auxiliary load being connected? *

Select one ▼

Station Load

Station load to support generation of electricity *

Load necessary to support facility of the plant (e.g. heating, lighting, air-conditioning, office equipment etc)

Summer

Winter

 MW

The expected Summer MW capabilities during summer period

The expected Winter MW capabilities during winter period

 MVAR

Where is the station load being connected? *

Select one ▼

Total Reactive Power Capability at Max Gross Energy Output

	Summer	Winter
Lagging - Overexcited		MVAR
Leading - Underexcited		MVAR

Additional comments related to the configuration above: *

Fuel Supply Verification

Primary fuel type

☐ Natural Gas ☐ Other

Describe electrical connections between the generation facility and the load.

Supporting Documents [?]

To submit multiple files at once, please place them into a Zip file before uploading.

Identification of ownership interest (site control)

+ Choose File

Site plan *

+ Choose File

Single line diagram *

+ Choose File

Evidence of Shared Facilities Agreement between the Existing Generating Facility Owner and the Surplus Interconnection Customer

+ Choose File

Written documentation stating that the owner of the surplus generating unit and the owner of the existing Generating Facility will have entered into, prior to the owner of the existing Generating Facility executing a revised Interconnection Service Agreement, a shared facilities agreement between the owner of the existing Generating Facility and the owner of the surplus generating unit detailing their respective roles and responsibilities relative to the Surplus Interconnection Service.

Permission from existing Generating Facility Owner to Utilize Surplus Interconnection Service

+ Choose File

Written evidence from the owner of the existing Generating Facility granting Surplus Interconnection Customer permission to utilize the existing Generating Facility's unused portion of Interconnection Service established in the existing Generating Facility's Interconnection Service Agreement.

Completed Study Agreement (SISSA) *

+ Choose File

Other documents

+ Choose File

5. Generator Information

When you come to the Generator Information page, you will be asked to add generators based on their type.

Once you add a generator, you will be prompted to provide additional information about each generator.

Generator Information should be entered in accordance with the [PJM Dynamic Model Development Guidelines](#) (PDF).

Generator Information (Surplus Unit)

Type of Generator

Select Generator Type

Select Generator Type

Biomass

Coal

Diesel

Hydro

Methane

Natural Gas

Add Generator

6. Transformer Information

On the Transformer Information page, you will be asked to select and add transformers based on their type. Once you add a transformer, you will be asked to provide additional information about each one. Follow the prompts to answer all questions for each transformer in accordance with the [PJM Dynamic Model Development Guidelines](#).

Transformer Information (Surplus Unit)

Type

Select transformer

Add Transformer

Select transformer

Synchronous Generator Main Transformer

Synchronous Generator Step-up Transformer

Wind Farm Generator Main Transformer

Wind Farm Generator Step-up Transformer

Inverter Based Main Transformer

Inverter Based Step-up Transformer

7. Attachment Line Data

The Attachment Line Data section will prompt you for information about your voltage level and line. Follow the prompts to enter all necessary information.

Attachment Line Data

Voltage level kV

MVA base MVA

Attachment line length Miles

Impedance on 100 MVA Base

Total branch positive sequence impedance R X P.U.

Total branch zero sequence impedance P.U.

Total branch charging susceptance B P.U.

Comments 

Save as Draft Save & Validate

8. Deposits

Payment details for the required deposit(s) must be provided to facilitate associating the payments with the appropriate request. Readiness deposits may be provided in the form of a letter of credit or wire transfer. Select the radial button for the appropriate item to update the required fields. Study deposits must be in the form of a wire transfer.

9. Review and Confirmation

Review the data before submitting. If you want to edit a field, click **Edit**. Once you have checked all of the fields, you can then submit the data.

You can save the page and complete the information at a later time by clicking **Save as Draft**.

The **Save & Validate** button validates all of the fields in that particular tab and saves them. You can only submit the information in the review section once every tab has been saved and validated. Once submitted, the New Service Request will be added to the Existing Cycle Requests tab.

At this point, the form is available for printing. PJM will review the data provided and follow up via email, Queue Point or phone as needed.

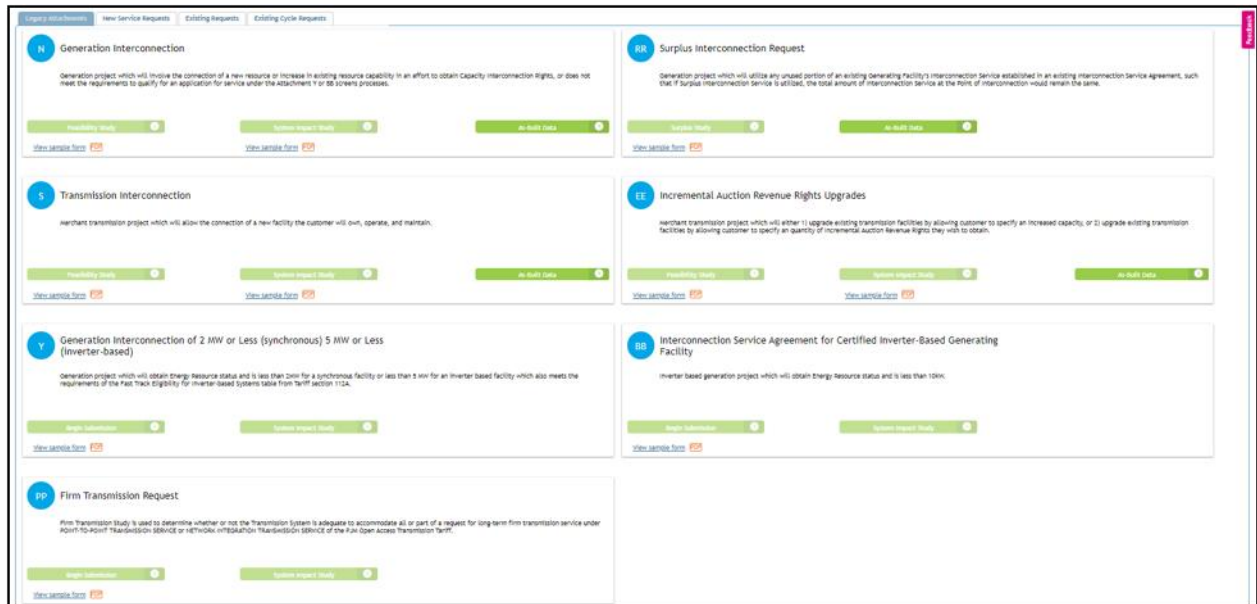
V. Section 4: Legacy Queue Requests in Queue Point

Queue Point was formerly used to collect Attachment N, Feasibility Study, System Impact Study, Attachment BB, Attachment EE, Attachment S, Attachment Y and As-Is Study data through a single application. Queue Point is now used to make edits to existing queue requests or submit As-Is Study data. New Attachment N, Attachment BB, Attachment EE, Attachment S or Attachment Y applications cannot be submitted.

The information provided through these forms is used to conduct studies to identify transmission enhancements needed to maintain the system reliability from a New Service Request being added to the transmission system.

Legacy Attachments Home Screen

Queue Point's Legacy Attachments screen is used to submit As-Built Facility data. The other options have been disabled.



The screenshot displays the Queue Point interface with several tabs at the top: Legacy Attachments, New Service Requests, Existing Requests, and Existing Service Requests. The main content area is divided into two columns. The left column contains forms for Generation Interconnection, Transmission Interconnection, Generation Interconnection of 2 MW or Less (synchronous) 5 MW or Less (Inverter-based), and Firm Transmission Request. The right column contains forms for Surplus Interconnection Request, Incremental Auction Revenue Rights Upgrades, and Interconnection Service Agreement for Certified Inverter-Based Generating Facility. Each form includes a title, a brief description, and a progress bar with buttons for 'Feasibility Study', 'System Impact Study', and 'As-Built Data'.

You can also work on existing legacy requests by clicking the Existing Requests tab at the top-left of the page. On the Existing Requests screen, you can edit, copy and delete any application you have started. To edit a study form, click on the pencil icon for the corresponding queue project in the Existing Request tabs. The edit function will first need to be enabled by PJM project managers. To submit a new version of a form, first copy the existing submission on the Existing Requests tab. The existing information will be prepopulated with the ability to make any necessary edits. You are encouraged to double-check the information before submitting.

Queue	Project Name	Reference Number	Phase	Transition Cycle	Transition Stage	Status	Project Manager	Submitted	Last Updated By	Actions
TEST	TEST1234	23944296	Attachment N - Generator As-Built Data	N/A	N/A	In Progress			TOMASJ	  

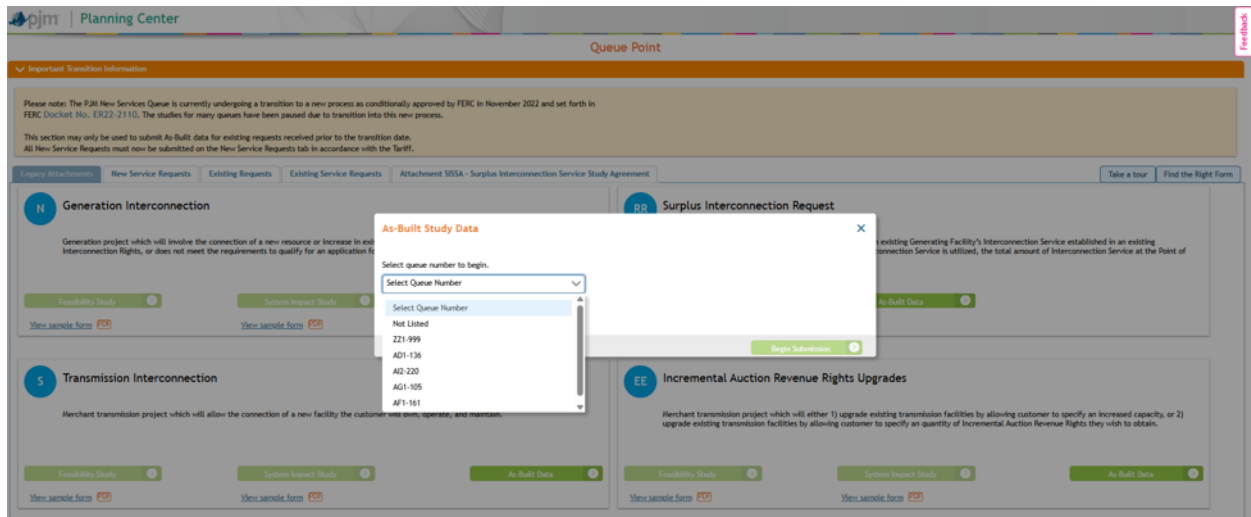
On the Existing Service Requests tab, you can work on any Surplus and Upgrade applications made after July 2023. On this page you can view, edit and share requests.

Project ID	Reference Code	Project Name	Agreement/Phase	Agreement Status	Submitted Date	Actions
5526-0010	26476QF6	PH Test	Agreement SISA - Surplus Interconnection Service Study Agreement	Submitted	04/20/2026	  
	26479KAC	TEST	Agreement SISA - Surplus Interconnection Service Study Agreement	In Progress		  

As-Built Study Data Submission

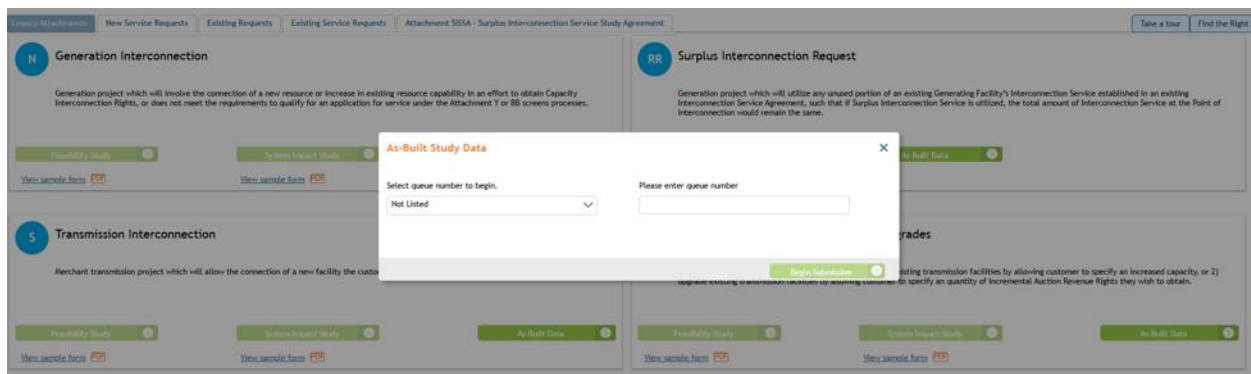
1. Projects Prior to Queue Point

To submit data for an as-built study will depend on when the project went into service. If the project went into service prior to Queue Point, you will select the As-Built Study Data tab for the type of project that needs an as-built study, and a pop-up will show and you will select: Not Listed



The screenshot shows the Queue Point Planning Center interface. A pop-up window titled "As-Built Study Data" is open, displaying a "Select queue number to begin" dropdown menu. The dropdown list includes "Not Listed", "ZZ1-999", "AD1-136", "AG1-220", "AG1-105", and "AF1-161". The "Not Listed" option is selected. The background interface shows various project categories like "Generation Interconnection", "Transmission Interconnection", and "Surplus Interconnection Request".

Once you type in the Queue Number and select begin submission a blank form will open, and you will fill out the blank form and submit as-built data that way.



The screenshot shows the Queue Point Planning Center interface. A pop-up window titled "As-Built Study Data" is open, displaying a "Select queue number to begin" dropdown menu with "Not Listed" selected. To the right of the dropdown is a text input field labeled "Please enter queue number". The background interface shows various project categories like "Generation Interconnection", "Transmission Interconnection", and "Surplus Interconnection Request".

2. Projects Submitted Into Queue Point

Projects that were submitted into Queue Point will have to coordinate with your construction engineer to approve the project for an as-built study. Once the project is approved for an as-built study, you will go to the Existing Requests tab, locate the project and go to the far-right column labeled Actions. Under this column, there will be a green button that says As-Built. When you select the **As-Built** button, a new submission will open with most of the data prefilled. Please edit the project data according to the PJM Manuals and Tariff for PJM's review.

Attachment N - Generator As-Built Data Study							
Phase	Transition Cycle	Transition Stage	Status	Project Manager	Submitted	Last Updated By	Actions
Attachment N - Imp	N/A	N/A	Approved	O'Hara Bernie	08.19.2017	TOMASJ	As-Built

Necessary Study Data Submission

Submitting data for a necessary study will depend on when the project obtained a final agreement. If the project is not a TC1 project (including expedited projects), to submit a necessary study data submission, you will go to the most recent Attachment N – Imp submission for the project. Under **actions**, you will select **copy**, which will open an editable submission of the last approved data. You will make edits for the necessary study data and then submit. **Prior to this submission, please work with your construction engineer to inform them of the submission.**

Attachment N - Imp	Expedited	N/A	Approved	O'Connor David	10.03.2025	TOMASJ	As-Built
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To submit data for a necessary study for a TC1 project, you will have to coordinate with your construction engineer prior to the submission. They will open the project up to be able to submit a necessary study. On your existing requests page under actions, you will see a green button labeled NS. Clicking this button will open up a new data submission that you can edit and submit necessary study data accordingly. Please edit the project data according to the PJM Manuals and Tariff for PJM's review.

Attachment N - Imp	TC1	Final Agreement	Approved	Nestel Stacey	11.13.2025	JOELLE_PJM	NS
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VI. Definitions

Feasibility Study Data

The data collected in the Feasibility Study data form is used for the Feasibility Study. The Feasibility Study assesses the practicality and cost of incorporating the generating unit or increased generating or transmission capacity into the PJM system. The analysis is limited to short-circuit studies and load-flow analysis. This study does not include stability analysis. The study also focuses on determining preliminary estimates of the type, scope, cost and lead time for construction of facilities required to interconnect the project.

For more information, refer to:

- [PJM Manual 14A, Section 4.2](#) (PDF)
- [PJM Manual 14G, Attachment A and Attachment A-1](#) (PDF)

System Impact Study

The data collected in the Impact Study data form is used for the Impact Study. System Impact Studies are conducted to identify transmission expansion needed to maintain the system reliability given the addition of generation onto the network. The data that is submitted is required to perform the power-flow, short-circuit, reactive capability verification, and dynamic simulation analyses that are necessary for the Impact Study phase.

For more information, refer to:

- [PJM Manual 14A, Section 4.3](#) (PDF)
- [PJM Manual 14G, Attachment B, Attachment B-1 and Attachment B-2](#) (PDF)

Application and Studies Agreements

An Application and Studies Agreement is used to initiate studies for Generation Interconnection Requests, Transmission Interconnection Requests and Long-Term Firm Transmission Service Requests for a period extending beyond the 18-month Available Transmission Capacity horizon. Refer to [PJM Manual 14H](#) for more information.

Upgrade Application and Studies Agreements

Upgrade customers requesting to: (i) fund Network Upgrades or seek certain Incremental Auction Revenue Rights, or (ii) upgrade facilities or advance already identified upgrades must submit an Upgrade Application and Studies Agreement. Refer for [PJM Manual 14H](#) for more information.

Surplus Application and Studies Agreements

The Surplus Interconnection Service Study Agreement is used to initiate requests for Surplus Interconnection Service. Refer to [PJM Manual 14H](#) for more information.

As-Is Study

An as-built review is conducted after the plant is built. The user is requested to enter tested data (of the installed equipment) for the facility for PJM to update their models.