

## **110.1 Application**

The Generation Interconnection Customer desiring the interconnection of a new Generation Capacity Resource of 20 MW or less or the increase in capacity, by 20 MW or less, of an Existing Generation Capacity Resource, must submit a completed Attachment N – Form of Generation Interconnection Feasibility Study Agreement. Attachment N of the PJM Tariff may be found on the PJM web site at and must be submitted to Transmission Provider.

All requirements related to the submission, for a larger resource, of an Attachment N application must be satisfied for a capacity addition of 20 MW or less, including a refundable deposit in the amount of \$10,000 if the Generation Interconnection Request is received within the first four months of the New Services Queue; a refundable deposit in the amount of \$12,000 if the Generation Interconnection Request is received in the fifth month of the New Services Queue; or a refundable deposit in the amount of \$15,000 if the Generation Interconnection Request is received in the sixth month of the New Services Queue.

The deposit received will be credited toward the Generation Interconnection Customer's cost responsibility for the Generation Interconnection Feasibility Study or ~~Alternate Queue Process studies as appropriate~~. Any remaining deposit monies will be credited toward the Interconnection Customer's cost responsibility for any other studies conducted for that Interconnection Request under Part VI of the Tariff, which will be applied prior to the deposit monies collected for that other study. The Generation Interconnection Customer is responsible for all actual costs associated with the processing of the request and the performance of the Feasibility Study or ~~Alternate Queue Process studies~~ related to the request and will be billed for such costs following the completion of the Feasibility Study or ~~Alternate Queue Process studies~~ as appropriate.

Documentation of site control must be submitted, for small resource additions, with the completed Attachment N. Site control may be demonstrated through an exclusive option to purchase the property on which the generation project is to be developed, a property deed, or a range of tax or corporate documents that identify property ownership. Site control must either be in the name of the party submitting the generation interconnection request or documentation must be provided establishing the business relationship between the project developer and the party having site control.

All information required in the completed Attachment N related to the generating project site, Point of Interconnection, and generating unit size and configuration must be provided. Once it has been established that the requirements related to the submission of the Attachment N application have been met, the Generation Interconnection Request will be evaluated pursuant to this section 110.1.1.

### **110.1.1 ~~Small Generation Project Evaluation~~**

~~Small Generation projects are to be evaluated against criteria which follow. In order to complete the evaluation of the proposed project, it shall be necessary to complete a scoping meeting~~

~~between the Interconnection Customer, Transmission Owner(s) and the Transmission Provider. The Interconnection Customer must identify the Point of Interconnection to be utilized in evaluation of the proposed project no later than the close of business on the next business day following the day on which the scoping meeting is held. If the project meets all portions of the following criteria, the project is eligible to enter the Alternate Queue Process discussed in section 112C. Failure to meet any one of the following criteria shall result in the projects inclusion in normal Feasibility, Impact, and Facilities studies, as required and discussed beginning in section 110.2. Criteria for inclusion in the Alternate Queue Process is as follows; (i) project cannot be connected to a PJM monitored transmission facility as defined in PJM Manual M-03, (ii) project cannot be an uprate or addition to an existing facility, (iii) project distribution factor for any PJM monitored transmission facility may not exceed 5 percent as evaluated against the case chosen to model the New Services Queue associated with the timing of the receipt of the Interconnection Request and the MW impact of the project cannot be greater than 1 percent of the element rating, (iv) project may not connect to the same Point of Interconnection as any other project, and (v) aggregate impact of all projects connecting on any individual radial connection to a PJM monitored transmission facility shall not exceed 1 percent of line rating.~~

## 111.1 Application

The Interconnection Customer desiring the interconnection of a Small Generation Resource greater than 2 MW or the increase in capability, by 20 MW or less but greater than 2 MW (synchronous) or 5 MW (inverter-based) of an existing resource, must submit a completed Attachment N – Form of Generation Interconnection Feasibility Study Agreement. Attachment N of the PJM Tariff may be found on the PJM web site at <http://pjm.com/planning/rtep-development/expansion-plan-process/form-attachment-n.aspx> and must be submitted to Transmission Provider.

All requirements related to the submission, for a larger resource, of an Attachment N application must be satisfied for a capability addition of 20 MW or less but greater than 2 MW (synchronous) or 5 MW (inverter-based), including a refundable deposit of \$10,000 if the Generation Interconnection Request is received within the first four months of the New Services Queue; a refundable deposit in the amount of \$12,000 if the Generation Interconnection Request is received during the fifth month of the New Services Queue; or a refundable deposit in the amount of \$15,000 if the Generation Interconnection Request is received within the sixth month of the New Services Queue.

The deposit received will be credited toward the Generation Interconnection Customer's cost responsibility for the Generation Interconnection Feasibility Study or ~~Alternate Queue Process studies as appropriate~~. Upon completion of the Feasibility Study or ~~Alternate Queue Process studies~~, the Transmission Provider will return any unused deposit monies to Interconnection Customer. The Generation Interconnection Customer is responsible for all actual costs associated with the processing of the request and the performance of the Feasibility Study or Alternate Queue Process studies related to the request and will be billed for such costs following the completion of the Feasibility Study or ~~Alternate Queue Process studies~~.

### 111.1.1 ~~Small Generation Project Evaluation~~

~~Small Generation projects are to be evaluated against criteria which follow. In order to complete the evaluation of the proposed project, it shall be necessary to complete a scoping meeting between the Interconnection Customer, Transmission Owner(s) and the Transmission Provider. The Interconnection Customer must identify the Point of Interconnection to be utilized in evaluation of the proposed project no later than the close of business on the next business day following the day on which the scoping meeting is held. If the project meets all portions of the following criteria, the project is eligible to enter the Alternate Queue Process discussed in section 112C. Failure to meet any one of the following criteria shall result in the projects inclusion in normal Feasibility, Impact, and Facilities studies, as required and discussed beginning in section 111.2. Criteria for inclusion in the Alternate Queue Process is as follows; (i) project cannot be connected to the a PJM monitored transmission facility as defined in PJM Manual M-03, (ii) project cannot be an uprate or addition to an existing facility, (iii) project distribution factor for any PJM monitored transmission facility may not exceed 5 percent as evaluated against the case chosen to model the New Services Queue associated with the timing of the receipt of the Interconnection Request and the MW impact of the project cannot be greater than 1 percent of~~

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~~the element rating, (iv) project may not connect to the same Point of Interconnection as any other project, and (v) aggregate impact of all projects connecting on any individual radial connection to a PJM-monitored transmission facility shall not exceed 1 percent of line rating.~~

## **112.1 Application**

The Generation Interconnection Customer desiring the interconnection of a temporary Energy Resource of 20 MW or less but greater than 2 MW (synchronous) or 5 MW (inverter-based) must submit a completed Attachment N – Form of Generation Interconnection Feasibility Study Agreement. Attachment N of the PJM Tariff may be found on the PJM web site at [and](#) must be submitted to Transmission Provider.

For temporary Energy Resources, all required analysis will be performed within the scope of the Feasibility Study referred to in the Attachment N application. These analyses will include all evaluations of transmission system impacts as well as any facilities design or review.

All requirements related to the submission, for a larger resource, of an Attachment N application must be satisfied for a temporary Energy Resource addition of 20 MW or less, including a refundable deposit in the amount of \$10,000 if the Generation Interconnection Request was received within the first four months of the New Services Queue; a refundable deposit in the amount of \$12,000 if the Generation Interconnection Request is received in the fifth month of the New Services Queue; or a refundable deposit in the amount of \$15,000 if the Generation Interconnection Request is received in the sixth month of the New Services Queue.

The deposit received will be credited toward the Generation Interconnection Customer's cost responsibility for the Generation Interconnection Feasibility Study ~~or Alternate Queue Process studies, as appropriate.~~ Upon completion of the Feasibility Study ~~or Alternate Queue Process studies,~~ the Transmission Provider will return any unused deposit monies to Interconnection Customer. The Interconnection Customer is responsible for all costs associated with the processing of the request and the performance of the Feasibility Study ~~or Alternate Queue Process studies~~ related to the request and will be billed for such costs following the completion of the Feasibility Study ~~or Alternate Queue Process studies.~~

Documentation of site control must be submitted, for small resource additions, with the completed Attachment N. Site control may be demonstrated through an exclusive option to purchase the property on which the generation project is to be developed, a property deed, or a range of tax or corporate documents that identify property ownership. Site control must either be in the name of the party submitting the generation interconnection request or documentation must be provided establishing the business relationship between the project developer and the party having site control.

All information required in the completed Attachment N related to the generating project site, point of interconnection, and generating unit size and configuration must be provided.

Because temporary Energy Resources are not granted any long term rights with respect to the transmission system, such requests will not be identified in the New Services Queue on the PJM web site. A separate queue of such requests will, however, be maintained in order to facilitate processing.

### **112.1.1 ~~Small Generation Project Evaluation~~**

~~Small Generation projects are to be evaluated against criteria which follow. In order to complete the evaluation of the proposed project it shall be necessary to complete a scoping meeting between the Interconnection Customer, Transmission Owner(s) and the Transmission Provider. The Interconnection Customer must identify the Point of Interconnection to be utilized in evaluation of the proposed project no later than the close of business on the next business day following the day on which the scoping meeting is held. If the project meets all portions of the following criteria, the project is eligible to enter the Alternate Queue Process discussed in section 112C. Failure to meet any one of the following criteria shall result in the projects inclusion in normal Feasibility, Impact, and Facilities studies, as required and discussed beginning in section 112.2. Criteria for inclusion in the Alternate Queue Process is as follows; (i) project cannot be connected to the a PJM monitored transmission facility as defined in PJM Manual M-03, (ii) project cannot be an uprate or addition to an existing facility, (iii) project distribution factor for any PJM monitored transmission facility may not exceed 5 percent as evaluated against the case chosen to model the New Services Queue associated with the timing of the receipt of the Interconnection Request and the MW impact of the project cannot be greater than 1 percent of the element rating, (iv) project may not connect to the same Point of Interconnection as any other project, and (v) aggregate impact of all projects connecting on any individual radial connection to a PJM monitored transmission facility shall not exceed 1 percent of line rating.~~

### **112A.1 Application**

The Interconnection Customer desiring the interconnection of a new permanent or temporary Energy Resource of 2MW or less (synchronous) or 5 MW or less (inverter-based) must submit a completed Attachment Y -- Form of Screens Process Interconnection Request and provide the Transmission Provider a refundable deposit in the amount of \$2,000 if the Generation Interconnection Request is received within the first four months of the New Services Queue; a refundable deposit in the amount of \$3,000 if the Generation Interconnection Request is received within the fifth month of the New Services Queue; or a refundable deposit in the amount of \$5,000 if the Generation Interconnection Request is received within the sixth month of the New Services Queue. The deposit received will be credited toward the Generation Interconnection Customer's cost responsibility for the Generation Interconnection Feasibility Study, screens evaluation, supplemental screens evaluation, or ~~Alternate Queue Process studies~~, as appropriate. Upon completion of the Feasibility Study, screens evaluation, supplemental screens evaluation or Alternate Queue Process studies, the Transmission Provider will return any unused refundable deposit monies to Interconnection Customer. Within 15 business days after the Transmission Provider notifies the Interconnection Customer it has received a complete Screens Process Interconnection Request, the Transmission Provider in consultation with the Interconnected Transmission Owner(s) shall: (i) perform an initial review using the screens set forth below, (ii) notify the Interconnection Customer of the results of the initial review, and (iii) shall provide the Interconnection Customer with the analysis and data underlying the Transmission Provider's determinations under the screens. The Interconnection Parties may mutually agree to a reasonable extension of time, for completion of the initial review, agreement not to be unreasonably withheld.

## **112C ~~Alternate Queue Process~~**

~~Upon receipt of an Interconnection Request associated with the proposal of new generation facilities and following the determination set forth in sections 110.1.1, 111.1.1, or 112.1.1, a new Interconnection Request may be evaluated under the terms set forth in the Alternate Queue Process, under this section 112C. The evaluation of Interconnection Requests under the Alternate Queue Process shall be conducted by the Transmission Owner(s) under the direction of the Transmission Provider. The evaluation of these projects (i) may include study processes similar to those as described as Generation Feasibility Study, System Impact Study, and Facilities Study, (ii) shall include studies as required to ensure the reliable planning and operation of the applicable power system, (iii) shall have engineering studies conducted by the appropriate Transmission Owner(s). The studies listed in this section 112C shall include thermal studies, short circuit studies, stability studies, and additional appropriate studies as required for the reliable integration of the Interconnection Request. The Transmission Provider shall monitor and coordinate completion of any studies required under this Alternate Queue Process. The studies conducted under this Alternate Queue Process shall be completed in a timely manner. In the case of the Feasibility Study portion of the Alternate Queue Process studies, the Transmission Provider shall perform these studies two times each year. For Interconnection Requests received during the six-month period ending October 31 the Transmission Provider shall use due diligence to complete Interconnection Feasibility Studies by the last day of February. For Interconnection Requests received during the six-month period ending April 30 the Transmission Provider shall use due diligence to complete Interconnection Feasibility Studies by August 31. Following the closure of an interconnection queue on October 31 and April 30, the Transmission Provider will utilize the following one-month period to conduct any remaining scoping meetings and assemble the necessary analysis models so as to initiate the performance of the Interconnection Feasibility Studies on December 1 and June 1, respectively. In the case of a System Impact Study portion of the Alternate Queue Process studies, the Transmission Provider shall perform these studies each year commencing on (i) June 1, for New Service Requests received between May 1 and October 31 of the previous year, (ii) December 1, for New Service Requests received between November 1 of the previous year, and April 30 of the same year. The Transmission Provider shall use due diligence to complete the System Impact Studies within 120 days of the date the study commences. In the event that the Transmission Provider is unable to complete an Interconnection Feasibility Study and/or the System Impact Study within such time periods, it shall so notify the affected Interconnection Customer and the affected Transmission Owner(s) and provide an estimated completion date along with an explanation of the reasons why additional time is needed to complete the study. In the event that the Transmission Provider anticipates that the Interconnection Customer's study cost responsibility will substantially exceed the deposit, the Transmission Provider shall provide the Interconnection Customer with an estimate of the study costs and the Interconnection Customer's cost responsibility. Within ten (10) business days of receiving such estimate, the Interconnection Customer may withdraw its Interconnection Request by providing written notice to the Transmission Provider, in which event the deposit paid to Transmission Provider shall be refunded. Unless the Interconnection Request is withdrawn within ten (10) business days, the Interconnection Customer agrees to pay the amount of its actual cost responsibility and will pay additional deposits as required to meet the estimated study cost. If the Interconnection Customer~~



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~~fails to provide the required additional deposit within ten (10) business days, the Interconnection Request shall be deemed terminated and withdrawn.~~