

Part III

Network Integration Transmission Service

III. NETWORK INTEGRATION TRANSMISSION SERVICE

References to section numbers in this Part III refer to sections of this Part III, unless otherwise specified.

PreambleGeneral

The Transmission Provider will provide Network Integration Transmission Service pursuant to the applicable terms and conditions contained in the Tariff and Service Agreement. Network Integration Transmission Service allows the Network Customer to integrate, economically dispatch and regulate its current and planned Network Resources to serve its Network Load in a manner comparable to that in which each Transmission Owner utilizes the Transmission System to serve its Native Load Customers. Network Integration Transmission Service also may be used by the Network Customer to deliver economy energy purchases to its Network Load from non-designated resources on an as-available basis without additional charge. Transmission service for sales to non-designated loads will be provided pursuant to the applicable terms and conditions of Tariff, Part II. PJM Settlement shall be the Counterparty to the Network Integration Transmission Service transactions under this Tariff. As set forth in Tariff, Attachment K, section D, Network Integration Transmission Service transactions may give rise to several component charges and credits, which may offset one another, and such component charges and credits are not separate transactions from Network Integration Transmission Service transactions.

~~Requests for Cross-Border Network Integration Transmission Service must be made through the Transmission Provider. These requests shall (a) require the filing of an Application as set forth in Tariff, Part III, section 29.1 and Tariff, Part III, section 29.2, (b) be submitted on the OASIS, and (c) be submitted in accordance with the applicable terms and conditions in the Tariff.~~

~~Requests for Regional Network Integration Transmission Service shall (a) not require the filing of an Application as set forth in Tariff, Part III, section 29.2, (b) not be required to be submitted on the OASIS, and (c) be submitted in accordance with the applicable terms and conditions contained in the Tariff.~~

An Interconnection Customer or Generation Project Developer with an Interconnection Service Agreement or Generation Interconnection Agreement effective prior to December 18, 2025 that serves or plans to serve Co-Located Load with the Customer Facility or Generating Facility subject to such agreement must submit electronically through PJM's website in accordance with PJM's Manuals notice of that fact and the identity of the Eligible Customer that will take transmission service on behalf of that Co-Located Load. Transmission Provider will post the information concerning the Co-Located Load and Eligible Customer on its website.

Any Interconnection Customer or Generation Project Developer with an effective Interconnection Service Agreement or Generation Interconnection Agreement that plans to use an existing Customer Facility or Generating Facility to serve Eligible Load must provide Transmission Provider and Transmission Owner with advance written notice to begin the Necessary Studies process provided in Tariff, Part VIII, Subpart A, section 401(H)(3)(b). An Interconnection Customer or Generation Project Developer with an effective Interconnection Service Agreement

or Generation Interconnection Agreement is prohibited from serving Eligible Load from its Customer Facility or Generating Facility until all the complete scope of work required in their Interconnection Service Agreement or Generation Interconnection Agreement, as revised following the Necessary Studies, is completed.

28.1 Scope of Service:

Network Integration Transmission Service is a transmission service that allows Network Customers to efficiently and economically utilize their Network Resources (as well as other non-designated generation resources) to serve their Network Load located in the PJM Region and any additional load that may be designated pursuant to Tariff, Part III, section 31.3. The Network Customer taking Network Integration Transmission Service must obtain or provide Ancillary Services pursuant to Tariff, Part I, section 3.

Subject to the terms of the Tariff, Part III and Tariff, Part VIII, Eligible Customers taking service on behalf of Eligible Load or Large Load may also receive Network Integration Transmission Service.

28.2 Transmission Provider Responsibilities:

In order to provide the Network Customer with Network Integration Transmission Service over the Transmission Provider's Transmission Systems: (a) the Transmission Provider will plan and operate the Transmission System in accordance with Good Utility Practice and its planning obligations in Operating Agreement, Schedule 6; and (b) the Transmission Owners will be obligated to construct and maintain the Transmission System in accordance with the terms and conditions of the Tariff, the Operating Agreement, and Good Utility Practice. Each Transmission Owner, on behalf of its Native Load Customers, shall be required to designate resources and loads in the same manner as any Network Customer under Tariff, Part III. This information must be consistent with the information used by the Transmission Provider to calculate available transfer capability. The Transmission Provider shall include the Network Customer's Network Load in the Transmission System planning and the Transmission Owners shall, consistent with the terms and conditions of the Tariff, the Operating Agreement, and Good Utility Practice, endeavor to construct and place into service sufficient transfer capability to deliver the Network Customer's Network Resources to serve its Network Load on a basis comparable to the delivery of each Transmission Owner's own generating and purchased resources to its Native Load Customers.

Large Computational Load Ride-Through Requirements: Transmission Provider shall establish minimum voltage ride through and frequency ride-through requirements with which transmission customers taking transmission service on behalf of Large Computational Load must comply, which shall be set forth in PJM Manual 14B, Attachment D. Such requirements shall establish the minimum performance criteria necessary to support the reliable operation of the Transmission System and Bulk Electric System during voltage disturbances and frequency disturbances.

Each transmission customer (or Transmission Owner) shall establish voltage ride through and frequency ride-through requirements applicable to Large Computational Load interconnected to its transmission facilities. Such requirements shall be no less stringent than the minimum requirements established by Transmission Provider in Manual 14B, Attachment D.

A transmission customer (or Transmission Owner) may establish requirements that are more stringent than the minimum requirements established by Transmission Provider where the

Transmission Owner determines that such requirements are necessary to maintain the reliability, security or operational performance of its transmission facilities or the Transmission System. The requirements established by a transmission customer (or Transmission Owner) shall be based upon reliability, planning, operational, stability, protection coordination, voltage performance, frequency performance, restoration, balancing, reserve management or other reliability-related considerations and shall be applied in a not unduly discriminatory manner to similarly situated Large Computational Load.

Nothing in this section shall preclude a transmission customer (or Transmission Owner) from modifying its voltage ride through or frequency ride-through requirements for Large Computational Load as necessary to address changes in system conditions, reliability needs, applicable NERC Reliability Standards or Transmission Provider operating requirements, provided such requirements continue to meet or exceed the minimum requirements established by Transmission Provider in Manual 14B, Attachment D.

29.1 Condition Precedent for Receiving Service:

Subject to the terms and conditions of Tariff, Part III, the Transmission Provider will provide Network Integration Transmission Service to any Eligible Customer, provided that (i) the Eligible Customer and the Transmission Provider in coordination with the affected Transmission Owners, complete the technical arrangements set forth in Tariff, Part III, section 29.3 and Tariff, Part III, section 29.4; (ii) the Eligible Customer executes a Network Operating Agreement with the Transmission Provider pursuant to Tariff, Attachment G, or requests in writing that the Transmission Provider file a proposed unexecuted Network Operating Agreement; and (iii) a party requesting Network Integration Transmission Service and taking Network Integration Transmission Service shall otherwise execute, if necessary, and comply with the PJM Governing Agreements, including but not limited to the “PJM Credit Policy” in Tariff, Attachment Q.

For Firm Cross-Border Network Integration Transmission Service: An Eligible Customer that requests to use interface capability to deliver from a resource not located on the Transmission Provider’s Transmission System in accordance with Tariff, Part III, section 30.1 or to deliver to network load not physically interconnected with the Transmission Provider in accordance with Tariff, Part III, section 31.3 must also satisfy the following conditions to receive service.

- (i) The Eligible Customer shall enter a request for service on the Transmission Provider’s OASIS.
- (ii) If requested by the Transmission Provider in the event the Transmission Provider does not already have access to the data or information set forth in Tariff, Part III, section 29.2, the Eligible Customer shall complete an Application for service as provided under Tariff, Part III, section 29.2, and
- (iii) If the resource is designated in accordance with Tariff, Part III, section 30.1 or if the designated load is not in the Transmission Provider’s Transmission System as described in Tariff, Part III, section 31.3, the Eligible Customer shall execute a Service Agreement pursuant to Tariff, Attachment F for service under Tariff, Part III or request in writing that the Transmission Provider file a proposed unexecuted Service Agreement with the Commission.

For Regional Network Integration Transmission Service: Any Eligible Customer that requests to deliver from a resource located on the Transmission Provider’s Transmission System or network load physically interconnected with the Transmission Provider must also satisfy one of the following conditions to receive service.

- (i) Execute a Service Agreement pursuant to Tariff, Attachment F-1 for state required retail access program and provide the information required under that Service Agreement; or
- (ii) Execute a Service Agreement pursuant to Tariff, Attachment F-3, except that, for Eligible Customers taking service on behalf of Eligible Load or Large Load, the appropriate Form of Service Agreement to be used will be Attachment F-3A.

Any Eligible Customer taking service on behalf of Eligible Load or Large Load must also satisfy the following conditions to receive Network Integration Transmission Service.

- (iii) The Eligible Customer has been designated to take transmission service on behalf of an Eligible Load or Large Load in the Application and Study Agreement, the Interconnection Service Agreement, or the Generation Interconnection Agreement for the Eligible Generating Facility, as applicable.
- (iv) The Eligible Customer must designate the individual Eligible Load or Large Load on whose behalf the Eligible Customer will take Network Integration Transmission Service. The Eligible Load or Large Load shall be specified in the Service Agreement for Network Integration Transmission Service (Attachment F-3A).

The Network Integration Transmission Service for Eligible Customers taking transmission service on behalf of Eligible Load or Large Load shall be Regional Network Integration Transmission Service, not Cross-Border Network Integration Transmission Service.

29.2

Application Procedures:

An Eligible Customer requesting service under Tariff, Part III, including an Eligible Customer taking service on behalf of Eligible Load or Large Load, must submit an Application to the Transmission Provider as far as possible in advance of the month in which service is to commence. Unless subject to the procedures in Tariff, Part I, section 2, Completed Applications for Network Integration Transmission Service will be assigned a Project Identifier according to the date and time the Application is received, with the earliest Application receiving the highest priority. For Transmission Service requests that require a Phase I System Impact Study or, for requests submitted on or after [Insert date], a New Service Request under Tariff, Part VIII, a Completed Application must be submitted and received by the Transmission Provider by the cycle Application Deadline in order to be assigned a Project Identifier in such cycle. If requested by Transmission Provider, Applications should be submitted by entering the information listed below (except for applications for Network Integration Transmission Service pursuant to state required retail access programs for which Transmission Customers shall provide the information required under the Service Agreement) on the Transmission Provider's OASIS. For applications pursuant to state required retail access programs, the information required under the Service Agreement should be submitted on the Transmission Provider's specified electronic information system established for such programs. Each of these methods will provide a time-stamped record for establishing the service priority of the Application. If requested by Transmission Provider, a Completed Application (other than applications for Network Integration Transmission Service pursuant to a state required retail access program, which shall be governed by Tariff, Attachment F-1 and the specifications thereto) shall provide all of the information included in 18 C.F.R. § 2.20 including but not limited to the following:

- (i) The identity, address, telephone number and facsimile number of the party requesting service;
- (ii) A statement that the party requesting service is, or will be upon commencement of service, an Eligible Customer under the Tariff;
- (iii) A description of the Network Load, Eligible Load, or Large Load at each delivery point. This description should separately identify and provide the Eligible Customer's best estimate of the total loads to be served at each transmission voltage level, and the loads to be served from each Transmission Provider substation at the same transmission voltage level. The description should include a ten (10) year forecast of summer and winter load and resource requirements beginning with the first year after the service is scheduled to commence;¹
- (iv) The amount and location of any interruptible loads included in the Network Load. This shall include the summer and winter capacity requirements for each interruptible load (had such load not been interruptible), that portion of the load subject to interruption, the conditions under which an interruption can be implemented and any limitations on the

¹ NTD: Need to add restrictions for Eligible Load and Large Load, which does not grow organically.

amount and frequency of interruptions. An Eligible Customer should identify the amount of interruptible customer load (if any) included in the 10 year load forecast provided in response to (iii) above;

(v) A description of Network Resources (current and 10-year projection). For each on-system Network Resource, such description shall include:

- Unit size and amount of capacity from that unit to be designated as Network Resource
- VAR capability (both leading and lagging) of all generators
- Operating restrictions
 - Any periods of restricted operations throughout the year
 - Maintenance schedules
 - Minimum loading level of unit
 - Normal operating level of unit
 - Any must-run unit designations required for system reliability or contract reasons
- Approximate variable generating cost (\$/MWH) for redispatch computations
- Arrangements governing sale and delivery of power to third parties from generating facilities located in the Transmission Provider Control Areas, where only a portion of unit output is designated as a Network Resource
- For each off-system Network Resource, such description shall include:
 - Identification of the Network Resource as an off-system resource
- Amount of power to which the customer has rights
 - Identification of the control area from which the power will originate
 - Delivery point(s) to the Transmission Provider's Transmission System
 - Transmission arrangements on the external transmission system(s)
- Operating restrictions, if any
 - Any periods of restricted operations throughout the year

- Maintenance schedules
- Minimum loading level of unit
- Normal operating level of unit
- Any must-run unit designations required for system reliability or contract reasons
- Approximate variable generating cost (\$/MWH) for redispatch computations;

(vi) Description of Eligible Customer's transmission system:

- Load flow and stability data, such as real and reactive parts of the load, lines, transformers, reactive devices and load type, including normal and emergency ratings of all transmission equipment in a load flow format compatible with that used by the Transmission Provider
- Operating restrictions needed for reliability
- Operating guides employed by system operators
- Contractual restrictions or committed uses of the Eligible Customer's transmission system, other than the Eligible Customer's Network Loads and Resources
- Location of Network Resources described in subsection (v) above
- 10 year projection of system expansions or upgrades
- Transmission System maps that include any proposed expansions or upgrades
- Thermal ratings of Eligible Customer's Control Area ties with other Control Areas;

(vii) Service Commencement Date and the term of the requested Network Integration Transmission Service. The minimum term for Network Integration Transmission Service is one year except that, for service provided with respect to a state required retail access program, the minimum term is one day;

(viii) A statement signed by an authorized officer from or agent of the Network Customer attesting that all of the network resources listed pursuant to Tariff, Part III, section 29.2(v) satisfy the following conditions: (1) the Network Customer owns the resource, has committed to purchase generation pursuant to an executed contract, or has committed to purchase generation where execution of a contract is contingent upon the availability of transmission service under Tariff, Part III; and (2) the Network Resources do not include any resources, or any portion thereof, that are committed for sale to non-designated third

party load or otherwise cannot be called upon to meet the Network Customer's Network Load on a non-interruptible basis, except for purposes of fulfilling obligations under a reserve sharing program; and

(ix) Any additional information required of the Transmission Customer as specified in the Transmission Provider's planning process established in Operating Agreement, Schedule 6.

In addition, a party requesting Transmission Service shall provide the information specified in, and otherwise comply with, the "PJM Credit Policy" set forth in Tariff, Attachment Q hereto. Unless the Parties agree to a different time frame, the Transmission Provider must acknowledge the request within ten (10) days of receipt. The acknowledgement must include a date by which a response, including a Service Agreement, will be sent to the Eligible Customer. If an Application fails to meet the requirements of this section, the Transmission Provider shall notify the Eligible Customer requesting service within fifteen (15) days of receipt and specify the reasons for such failure. Wherever possible, the Transmission Provider will attempt to remedy deficiencies in the Application through informal communications with the Eligible Customer. If such efforts are unsuccessful, the Transmission Provider shall return the Application without prejudice to the Eligible Customer filing a new or revised Application that fully complies with the requirements of this section. The Eligible Customer will be assigned a new Project Identifier consistent with the date of the new or revised Application. The Transmission Provider shall treat this information consistent with the standards of conduct contained in Part 37 of the Commission's regulations.

31.6 Annual Load and Resource Information Updates:

~~Even if an Application is no longer required, t~~The Network Customer shall provide the Transmission Provider with annual updates of Network Load and Network Resource forecasts consistent with those included in its Application for Network Integration Transmission Service under Tariff, Part III including, but not limited to, any information provided under Tariff, Part III, section 29.2(ix) pursuant to the Transmission Provider's planning process in Operating Agreement, Schedule 6. ~~Even if an Application is no longer required, t~~The Network Customer also shall provide the Transmission Provider with timely written or electronic notice of material changes in any other information listed in Tariff, Part III, section 29.2 or provided in its Application relating to the Network Customer's Network Load, Network Resources, its transmission system or other aspects of its facilities or operations affecting the Transmission Provider's ability to provide reliable service.

In addition to this requirement, Eligible Customers taking service on behalf of Eligible Load or Large Load must provide the Transmission Provider with annual updates of (i) the demand characteristics of the Eligible Load or Large Load and (ii) the supply characteristics of the designated Eligible Generating Facility, each consistent with the information included in its Application under Tariff, Part III.

34.3 Netting of Non-Retail Behind The Meter Generation.

The daily load of a Network Customer does not include load served by operating Non-Retail Behind The Meter Generation. Netting of Behind The Meter Generation for Network Customers with regard to Non-Retail Behind The Meter Generation shall be subject to the following limitations:

For calendar year 2006, 100 percent of the operating Non-Retail Behind The Meter Generation shall be netted, provided that the total amount of Non-Retail Behind The Meter Generation in the PJM Region does not exceed 1500 megawatts ("Non-Retail Threshold"). For each calendar year thereafter, the Non-Retail Threshold shall be proportionately increased based on load growth in the PJM Region but shall not be greater than 3000 megawatts. Load growth shall be determined by Transmission Provider based on the most recent forecasted weather-adjusted coincident summer peak of the PJM Region divided by the weather-adjusted coincident peak for the previous summer for the same area. After the load growth factor is applied, the Non-Retail Threshold will be rounded up or down to the nearest whole megawatt and the rounded number shall be the Non-Retail Threshold for the current year and shall be the base amount for calculating the Non-Retail Threshold for the succeeding year. If the total amount of Non-Retail Behind The Meter Generation in the PJM Region exceeds the Non-Retail Threshold, the amount of operating Non-Retail Behind The Meter Generation that the Network Customer may net shall be adjusted according to the following formula:

$$\text{Network Customer Netting Credit} = (\text{NRT} / \text{PJM NRBTMG}) * \text{Network Customer operating NRBTMG}$$

Where: NRBTMG is Non-Retail Behind The Meter Generation

NRT is the Non-Retail Threshold

PJM NRBTMG is the total amount of Non-Retail Behind The Meter Generation in the PJM Region

The total amount of Non-Retail Behind The Meter Generation that is eligible for netting in the PJM Region is 3000 megawatts. Once this 3000 megawatt limit is reached, any additional Non-Retail Behind The Meter Generation which operates in the PJM Region will be ineligible for netting under this section.

In addition, the Network Customer NRBTMG Netting Credit shall be adjusted pursuant to Tariff, Schedule 15, if applicable.

A Network Customer shall be required to report to the Transmission Provider such information as is required to facilitate the determination of its NRBTMG Netting Credit in accordance with the procedures set forth in the PJM Manuals.

The annual peaks for purposes of the above calculation shall be determined from the twelve month period ending October 31 of the calendar year preceding the calendar year in which the billing month occurs. For new Network Load that was not connected to the Transmission System during such entire twelve month period, the Transmission Provider in coordination with the affected Transmission Owners and electric distribution companies shall determine the appropriate peak load responsibility to be used until the annual peaks are determined for the next twelve month period ending October 31.

(b) Nothing herein shall entitle any Transmission Owner or Network Customer to establish a zone that is smaller than or a portion of a Zone set forth in Tariff, Attachment J.

35.1 Operation under The Network Operating Agreement:

The Network Customer shall plan, construct, operate and maintain its facilities in **accordance** with Good Utility Practice and in conformance with the Network Operating Agreement. [Network Customer/Eligible Customer] taking service to serve Large Computational Load shall ensure that the Large Computational Load meets all the requirements established in accordance with Tariff, Part III, section 28.2, Large Computational Load Ride-Through Requirements, and set forth in Manual 14B, Attachment D.