



Transmission Services

Requesting Network Integration Transmission (NT) Service

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Effective:

This business practice outlines processes and procedures specific to Network Integration (NT) Transmission Service. This document provides NT Customers with a description of the various aspects of doing business with Transmission Services. However, this business practice does not provide an exhaustive treatment of each topic—other more focused business practices are cross-referenced to guide customers to the specific details they may need for a particular process or action.

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1 Policy and Rate Schedule Reference

This Business Practice implements the following sections of the Transmission Service Open Access Transmission Tariff (OATT) and the 2008 Transmission & Ancillary Service Rate Schedules (Rate Schedules), or their successors.

- OATT Sections: 2, 11, 28, 29, 30, 31, 32, Attachment F

2 Definitions

Unless otherwise defined herein, capitalized terms are defined in Transmission Services' OATT, Rate Schedules, and/or Federal Energy Regulatory Commission (FERC) Open Access Same-Time Information System (OASIS) status codes.

- 2.1 Completed Application: A request for Long Term Firm (LTF) NT Transmission Service that includes a Transmission Service Request (TSR) submitted on OASIS and any required supplemental information.
- 2.2 Designation of a New Network Resource (DNR): The indication of a generating resource that is owned, purchased, or leased by an NT Customer to serve Network Load under part III of the OATT.
- 2.3 New Network Load: Load added to an existing NT Customer's system as the result of:
 - 2.3.1 Annexation
 - 2.3.2 Condemnation
 - 2.3.3 Merger
 - 2.3.4 Conversion of Point-to-Point (PTP) Service Agreement to NT Service Agreement
 - 2.3.5 Reduction to Customer Served Load (CSL)
 - 2.3.6 Request by an NT Customer to designate a particular load at discrete point(s) of delivery as Network Load, when the NT Customer had previously elected not to designate that load as Network Load.
- 2.4 NT Customer: An entity receiving transmission service under Part III of the OATT.
- 2.5 Undesignation of a Network Resource: The specification to Transmission Services that a Network Resource will no longer be used to serve Network Load for a specified time period.
- 2.6 Behind the Meter Resource: A Network Resource used to serve the NT Customer's Network Load that is internal to the NT Customer's system or is transmitted over nonfederal transmission facilities and is not transmitted over BPA's transmission system.
- 2.7 Interchange Delivery Point: A point of delivery between the BPA Balancing Authority Area and an adjacent or nested Balancing Authority Area.

3 New NT Customer Request

- 3.1 An eligible customer seeking NT Service must submit an application under section 29 of the OATT. The application must include a TSR submitted over OASIS and the following supplemental information:
 - 3.1.1 New Network Load Form
 - 3.1.2 Network Resource Designation Form
 - 3.1.3 Load and resource forecast
- 3.2 Entities who are not yet eligible customers must complete the steps under Becoming a BPA Transmission Services Customer located at http://www.transmission.bpa.gov/Business/customer_info/becomingacustomer.cfm

4 Load and Resource Forecasts

- 4.1 NT Customer load and resource forecasts are necessary to allow Transmission Services to plan the Transmission System, determine the usage of constrained transmission paths for the calculation of Available Transfer Capability (ATC) and Available Flowgate Capability (AFC), and to determine curtailment priority.
- 4.2 Load and resource forecasts are submitted to BPA's Load Forecasting and Analysis group by e-mail at KSLF@bpa.gov.
- 4.3 Annual updates to the Ten-Year Load Forecast must be submitted by September 1st each year. Annual updates to the Ten-Year Resource Forecast must be submitted by XXX each year.
- 4.4 Changes in forecasted loads or resources may be submitted in writing at any time to BPA at the email in section 4.2 as soon as the NT Customer is aware of a change in the forecast.
- 4.5 Load and resource forecasts must include the information in section 29.2 (iii), (iv), and (v) of the OATT.
 - 4.5.1 Forecasts of Network Loads must include the monthly coincident peak loads of the utilities own transmission system peak for the current year and each of the next 10 calendar years.
 - 4.5.2 Forecasts of Network Resources that are designated must include all of the information in section 29.2 of the OATT.
 - 4.5.3 Forecasts of new resources or increases in existing resources that are not designated at the time the forecast is submitted to Transmission Services must include, at a minimum, the following information:
 - 4.5.3.1 Resource type (e.g, fuel type, system sale)
 - 4.5.3.2 Capacity (MW) to be designated
 - 4.5.3.2.1 Capacity to be designated may be submitted in a monthly shaped demand profile.
 - 4.5.3.3 Resource nameplate capacity (MW)

- 4.5.3.4 POR (or deemed POR if resource is in the Generation Interconnection queue)
 - 4.5.3.5 Start date
 - 4.5.3.6 Stop date
- 4.6 NT customers shall identify the Network Resources forecasted to serve Network Load. If a Load and Resource Forecast does not match load to resources, Transmission Services may adjust forecasts for planning and ATC calculations.
- 4.7 If a third party provides the load and resource forecasts on behalf of the NT Customer, the NT Customer is responsible for ensuring the forecasts are accurate and any updates are submitted by the specified due date.

5 Designation of a New Network Resource

- 5.1 Completed Applications for a DNR require a LTF NT TSR submittal and a Network Resource Designation Form.
 - 5.1.1 For detailed information on submitting DNR requests, see OASIS LTF TSR Submittal Procedures posted at http://www.transmission.bpa.gov/Business/Business_Practices/default.cfm
 - 5.1.2 A Deposit is not required for a DNR request.
 - 5.1.3 A Network Resource Designation Form must be completed and e-mailed to TxRequests@bpa.gov no later than 5:00 PM, PPT on the same Business Day in which the LTF NT TSR is QUEUED.
 - 5.1.4 If an NT Application fails to meet the requirements of the Tariff, Transmission Services will notify the NT Customer requesting service within 15 calendar days from the day the NT TSR is QUEUED and specify the reasons for such failure.
 - 5.1.5 If, within 10 calendar days of notification, efforts to remedy the deficiencies through informal communications with the NT Customer are unsuccessful, Transmission Services will return the Application without prejudice and change the OASIS status of the NT TSR to DECLINED.
 - 5.1.6 Queue time is established when the LTF NT TSR for a DNR is QUEUED on OASIS.
- 5.2 In order to submit an LTF NT TSR for a DNR, NT customers must satisfy the following conditions:
 - 5.2.1 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 Part III of the OATT; and,
 - 5.2.2 The Network Resource does not include any resources, or any portions thereof, that are committed for a 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.

- 5.3 Point of Receipt (POR) field of the OASIS Reservation Entry Form. NT Customers may use the following PORs:
 - 5.3.1 The POR of a generating resource
 - 5.3.2 Newpoint: A POR on BPA's network that is not currently modeled on OASIS. Please see section 5 of the Requesting Transmission Service Business Practice.
 - 5.3.3 Interchange Delivery Points to BPA's Transmission System
 - 5.3.3.1 Delivery points may only be used for Network Resources originating from outside the BPA Balancing Authority Area.
 - 5.3.4 The Northwest Market Hub (POR: NWMKTHUB)
 - 5.3.4.1 Network Resources must be delivered to the Northwest Market Hub on firm transmission for the duration of the OASIS LTF TSR.
 - 5.3.4.2 If the generating source(s) of the Designated Network Resource is on-system, the NT customer must provide a Network Resource Designation Form for each Source.
 - 5.3.4.3 If the NT customer designates a power purchase agreement that is sourced by multiple on-system generating resources, the customer must provide a Network Resource Designation Form for each source. In the Form, the NT customer must identify the time period when the source will be available on a non-interruptible basis to serve the NT customer's load. If the customer is unable to specify each source and the applicable time period at the time the LTF NT TSR is submitted, the LTF NT TSR will be Declined.
 - 5.3.4.4 If the generating source(s) of the Designated Network Resource is off-system, the NT customer must provide all of the information in Section II of Power Arrangements section of the Network Resource Designation Form.
- 5.4 MW field of the OASIS Reservation Entry Form.
- 5.5 When the Source of DNR is Federal Columbia River Power System (FCRPS), the MW requested is XXX MW. (Note: The MW requested must reflect rights in the regional dialogue contract. TS is still reviewing OASIS functionality)
- 5.6 When the Source of the DNR is a non-federal Network Resource, the MW requested is the shaped monthly demand profile.
- 5.7 The NT Customer must specify in the Comments field of the OASIS Reservation Entry Form, "This TSR is for a DNR."
- 5.8 When the Source of the LTF NT TSR is a Behind the Meter Resource:
 - 5.8.1 The MW requested is the shaped monthly demand profile and must not be greater than the peak value used to serve the NT Customer's Network Load.
 - 5.8.2 The MW requested may be input as a shaped monthly demand profile.

- 5.8.3 The customer must specify in the Comments field of the OASIS Reservation Entry Form, "This TSR is for a Behind the Meter DNR."
- 5.9 The term of the LTF NT TSR for a DNR may not exceed the term to which the NT Customer owns the resource or has rights to the resource.
- 5.10 Transmission Services will evaluate completed Applications for NT service to determine if sufficient ATC is available to fulfill the request. See ATC Methodology, ATC Impacts of Long-Term Firm Requests, V5, or its successor.

6 Undesignation of a Network Resource

- 6.1 To make third party sales from a designated Network Resource, or if output or contractual rights to a designated Network Resource cease, an NT Customer must first undesignate that Network Resource. An NT Customer must use PTP Transmission Service for third party sales.
- 6.2 An NT Customer may undesignate all or part of a designated Network Resources by providing written notification to Transmission Services at the email ntresourceundesignation@bpa.gov as soon as possible.
- 6.3 Temporary Undesignation of a Network Resource.
 - 6.3.1 The email message must include:
 - 6.3.1.1 Identification of the applicable DNR and its associated A-Ref
 - 6.3.1.2 Start date and time
 - 6.3.1.3 Stop date and time (i.e. the effective date and time of redesignation following the period of temporary undesignation.
 - 6.3.1.4 MW capacity of resources or portions thereof to be undesignated
 - 6.3.2 A Network Resource Designation Form must be submitted for the end of the undesignation period to ensure that the conditions under OATT 29.2 have been met for the remaining time period the resource is to be designated. These completed forms should be e-mailed to TxRequests@bpa.gov.
 - 6.3.3 The NT Customer forfeits its ATC rights during the period that the Network Resource or portion thereof is temporarily undesignated.
 - 6.3.3.1 A new TSR is required if an NT Customer elects to re-designate a resource prior to Temporary Undesignation end date.
 - 6.3.4 After the period of Temporary Undesignation, the NT Customer will retain its right to Transmission Service from the original DNR.
 - 6.3.5 If no stop date is specified in the undesignation notice, Transmission Services will consider the Network Resource to be permanently undesignated.
- 6.4 Permanent Undesignation of a Network Resource.
 - 6.4.1 The email message must include:
 - 6.4.1.1 Identification of the applicable DNR and its associated A-Ref

- 6.4.1.2 Start date and time
- 6.4.1.3 MW capacity of resources or portions to be permanently undesignated
- 6.4.2 The NT Customer forfeits its reservation priority and ATC rights for any permanently undesignated Network Resources.
- 6.4.3 Upon permanent undesignation of a Network Resource, the NT Customer may only redesignate the Network Resource by requesting a DNR, which requires submittal of a new LTF NT TSR.

7 Designation of New Network Load

- 7.1 Completed Applications for New Network Load require a LTF NT TSR submittal and a New Network Load Supplemental Form. For detailed information on submitting NT requests, see OASIS LTF TSR Submittal Procedures posted at http://www.transmission.bpa.gov/Business/Business_Practices/default.cfm
- 7.2 A TSR Deposit is required for a New Network Load request.
 - 7.2.1 The amount of the TSR Deposit is calculated based on the total MWs to be served as indicated on the New Network Load Supplemental Form and does not include associated Ancillary Services costs.
- 7.3 A New Network Load Form must be completed and emailed to TxRequests@bpa.gov no later than 5:00PM, PPT on the same Business Day in which the LTF NT TSR is QUEUED.
- 7.4 If an NT Application fails to meet the requirements of the OATT, Transmission Services will notify the NT Customer requesting service within 15 calendar days from the day the NT TSR is QUEUED and specify the reasons for such failure.
- 7.5 If, within 10 calendar days of notification, efforts to remedy the deficiencies through informal communications with the NT Customer are unsuccessful, Transmission Services will return the Application without prejudice and change the OASIS status of the NT TSR to DECLINED.
- 7.6 Queue time is established when the LTF NT TSR for a New Network Load is QUEUED on OASIS.
- 7.7 The NT Customer must specify in the Comments field of the OASIS Reservation Entry Form, "This TSR is for service to New Network Load."
- 7.8 The NT Customer must demonstrate sufficient designated Network Resources to serve the New Network Load.
- 7.9 For New Network Loads not physically interconnected with the Transmission Provider, the Network Customer may:
 - 7.9.1 Include the entire new load as Network Load.
 - 7.9.2 Exclude the entire new load from its Network Load and purchase PTP Transmission Service to serve the new load.
 - 7.9.2.1 The same load can not be served with both NT and PTP transmission service. NT and PTP loads must be electrically separate.

- 7.9.2.2 If, within 10 calendar days of notification, efforts to remedy the deficiencies through informal communications with the NT Customer are unsuccessful, Transmission Services will return the Application without prejudice and change the OASIS status of the NT TSR to DECLINED.
- 7.10 Transmission Services will evaluate Completed Applications for New Network Load to determine if sufficient ATC is available to fulfill the request. See ATC Methodology, ATC Impacts of Long-Term Firm Requests, V5, or its successor, located at http://www.transmission.bpa.gov/Business/atc_methodology/.
- 7.11 For detailed information on the submission and processing of LTF NT TSRs, please refer to the Requesting Transmission Service Business Practice.
- 7.12 For additional requirements to interconnecting New Network Load, please refer to the Line and Load Interconnection Procedures Business Practice.

8 Reservation Priority for NT Service Agreements

- 8.1 NT Customers with existing firm Transmission Service have the right to renew their NT Service Agreement. For detailed information on exercising Reservation Priority rights, see Reservation Priority V8 posted at http://www.transmission.bpa.gov/Business/Business_Practices/default.cfm. Completed Applications for Renewal require a LTF NT TSR submittal on OASIS, which requires a Request Type of RENEWAL.
- 8.2 For detailed information on submitting Renewal requests, see OASIS LTF TSR Submittal Procedures posted at http://www.transmission.bpa.gov/Business/Business_Practices/default.cfm
- 8.3 A Deposit is not required for a Renewal Request.
- 8.4 The NT Customer must specify in the Comments field of the OASIS Reservation Entry Form, "This TSR is for renewal on an NT Service Agreement."

9 Reservation Priority for Designated Network Resources

- 9.1 NT Customers with existing firm Transmission Service have the right to renew their designated Network Resources. For detailed information on exercising Reservation Priority rights, see Reservation Priority V8 posted at http://www.transmission.bpa.gov/Business/Business_Practices/default.cfm.
- 9.2 Completed Applications for Renewal require a LTF NT TSR submittal on OASIS, which requires a Request Type of RENEWAL, and a Network Resource Designation Form. For detailed information on submitting Renewal requests, see OASIS LTF TSR Submittal Procedures posted at http://www.transmission.bpa.gov/Business/Business_Practices/default.cfm
 - 9.2.1 A Deposit is not required for a Renewal Request.
 - 9.2.2 The Network Resource Designation Form must be submitted to Transmission Services no later than 5:00 PM, PPT on the same Business Day in which the LTF NT TSR is QUEUED. The completed Network Resource Designation Form should be e-mailed to TxRequests@bpa.gov.

- 9.3 If an NT Application fails to meet the requirements of the Tariff, Transmission Services will notify the NT Customer within 15 calendar days from the day the NT TSR is QUEUED and specify the reasons for such failure.
- 9.4 If, within 10 calendar days of notification, efforts to remedy the deficiencies through communication with the NT Customer are unsuccessful, Transmission Services will return the Application without prejudice and change the OASIS status of the NT TSR to DECLINED.

10 Related TBL Business Practices

TBL Business Practices are available on the TBL web site at http://www.transmission.bpa.gov/Business/Business_Practices/. See the following related Business Practices:

- 10.1 Reservation Priority
- 10.2 Requesting Transmission Service
- 10.3 Scheduling Transmission Service
- 10.4 Line and Load Interconnection Procedures

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