



Business Practice: Network Integration Transmission Service**Posted:** February 1, 2017**Effective:** March 1, 2017**Revision No.:** 0

1. Purpose

Provide guidance for an Eligible Customer or Transmission Customer to request and obtain Firm or Secondary Network Service via OASIS in accordance with the Portland General Electric Open Access Transmission Tariff (OATT).

2. Practice**2.1. Interpretation and Authority**

2.1.1. Portland General Electric administers Network Integration Transmission Service ("NITS" or "Network Service") in accordance with Part III of its Tariff, applicable FERC orders and regulations, and applicable NAESB Standards.

2.2. New Network Customer Request

2.2.1. An Eligible Customer seeking NITS is required to submit an application on OASIS in accordance with Part III, Section 29 of Portland General Electric's OATT and a deposit. The application consists of:

- An OASIS NITS Request entered on a NEWNITSAPPLICATION form on OASIS, and
- The load forecast information as required in section 29.2 of the Tariff entered on an ADDNITSLOAD form

2.2.2. The deposit as required by Part III, Section 29.2 of the OATT shall be mailed to the following address:

NITS Application Administrator
Transmission and Reliability Services
Portland General Electric
121 SW Salmon ST, 3WTC0409
Portland, OR 97204

2.2.3. If not currently a Transmission Customer of Portland General Electric Transmission, customer must first complete the steps required in the Registration Procedures under the OASIS Customer Registration

and Applications folder to become a new Portland General Electric Transmission Customer.

- 2.2.4. The customer may work on its application and related requests in a PRESUBMITTED status until it is ready to submit the application at which time the application will be changed to a QUEUED status.
- 2.2.5. The NITS request should be submitted as far as possible in advance of the month in which service is to commence.
- 2.2.6. At the request of an Eligible Customer or Transmission Customer, PGE Transmission may input information on OASIS on behalf of an Eligible Customer or Transmission Customer as directed by NAESB Standard WEQ-001-101.4.

2.3. **New Network Load Request for Existing Customers**

- 2.3.1. A customer seeking to add a new load to existing Network Service is required to submit an ADDNITSLOAD request as required under Part III, Section 29 of Portland General Electric's OATT.
- 2.3.2. The timestamp establishing the queue position is based on the OASIS NITS request submittal.
- 2.3.3. The customer must submit a new Designated Load within NITS on OASIS reflecting the POD/Sink combination requested to serve the new load. The NITS load request should be submitted as far as possible in advance of the month in which service is to commence.
- 2.3.4. Load requests and modifications on an ADDNITSLOAD form will be handled in accordance with NAESB Standard WEQ-001.

2.4. **New Network Resource Request for Existing Customers**

- 2.4.1. An eligible customer seeking to designate a new Network Resource is required to submit a request under Part III, Section 29 of Portland General Electric's OATT. This is true even when a Network Customer simply renews a Network Resource without changing the character or terms of the resource (e.g., renewing a firm power supply agreement without modifying its terms).
- 2.4.2. There are three steps to get a resource designated on OASIS utilizing separate forms for each:
 - 2.4.2.1. Utilize an ADDNITSGENERATION form to identify the generation source.
 - 2.4.2.2. Utilize an ADDNITSRESOURCE form to identify the resource.
 - 2.4.2.3. Utilize an ADDNITSDNR to submit a request to designate a resource identified and grouped to individual generators as may be appropriate.
- 2.4.3. The timestamp establishing the queue position is based on the OASIS ADDNITSDNR request submittal.

- 2.4.4. A Network Customer may choose to aggregate transmission service requests for Designated Network Resources (DNRs) into a single NITS request. To do so, these DNRs must impact the same Point of Receipt (POR) of the OASIS posted path on PGE's system intended for network service and be for the same term (begin and end-date) of service.
- 2.4.5. The customer must submit a NITS request on OASIS. The NITS request should be submitted as far as possible in advance of the month in which service is to commence.

2.5. **Requesting a new POR/Resource or POD/Load in NITS**

- 2.5.1. If the POR of the resource or POD of the load combination required does not exist, a Network Customer may request a new POR or POD by leaving the field as UNKNOWN in the Network Resource or Network Load entry. Once added to the application, this will flag Portland General Electric to contact the customer and establish the requested POR or POD. Once the POR/POD is added to NITS, the customer must update the application to replace UNKNOWN with the valid POR or POD. If a new point needs to be created, ATC for the new path utilizing the new POR or POD will be calculated in accordance with Attachment C of the OATT.
- 2.5.2. Network Customers deliver to a single customer specific Sink within the PGE Balancing Authority Area (BAA). All Sinks are paired with the system POD, "PGE".

2.6. **Renewing Network Transmission Service**

- 2.6.1. The customer may revise the end date on an existing NITS application on OASIS to renew their Network Transmission Service.

2.7. **Ancillary Services**

- 2.7.1. All Network Transmission Integration Service requires ancillary services as described in the PGE OATT.
- 2.7.2. Wholesale Network Customers who supply their own load within PGE solely under Part III of the OATT are required to obtain ancillary services under OATT Schedules 1,2,3,4, and 5 and 6 if not self-supplied,
- 2.7.3. Retail Network Service customers who supply their load within PGE under Part III and Attachment N- Retail Network Integration Transmission Service, of the OATT, (i.e. Energy Service Suppliers "ESSs") are required to obtain ancillary services under OATT Schedules 1,2,3, and 5 and 6 if self-supplied, with the rates as described in Attachment N and Schedule 4R.

- 2.7.4. The operating reserve ancillary services of Schedules 5 and 6 for any network customer may be self-supplied or supplied by a third party in accordance with PGE Business Practice, Supplying Operating Reserves.

2.8. **Network Service, Load, and Resource Evaluation Process**

- 2.8.1. Upon receipt of a NITS request, - Portland General Electric will enter "RECEIVED" as the status of the request and will review the completeness of the application (OATT Section 29.2). A complete application requires:

- NITS request on OASIS;
- The forecast information as required in Section 29.2 of the Tariff; and
- Deposit.

- 2.8.2. Portland General Electric will work to promptly resolve with the applicant any deficiencies in the application by setting the section that is deficient to DEFICIENT in the impacted NITS request. Customer will correct deficiencies and set section status to REEVALUATE. This process will repeat until all deficiencies are corrected.

- 2.8.3. If information, as required for a completed application, has not been provided in the request for NITS Application, the Transmission Provider shall set the STATUS of the request to INVALID. The request for the NITS Application shall be deemed withdrawn and will receive no further consideration.

- 2.8.4. If the deficiencies are resolved, the application will be classified as a "Completed Application" under the Tariff and Portland General Electric will set the status of each section of the NITS request to COMPLETE and continue processing the request.

- 2.8.5. If the deficiencies are not resolved, the application will be returned to the applicant, and Portland General Electric will enter "DECLINED" as the status of the NITS request, along with entering a reason for the action in the comment field. The applicant may submit a new NITS request to initiate the process again.

- 2.8.6. Once an application is accepted as complete, the Transmission Provider shall ensure that the same queue time (as established during the initial submission of the NITS Application) is assigned to all COMPLETED requests, including requests submitted during the initial review of the NITS Application.

- 2.8.7. With the NITS application having a status of COMPLETED, if there is sufficient Available Transfer Capability ("ATC") to accommodate the NITS request without the need to do a System Impact Study, Portland General Electric will tender a NITSA or a modification to an existing NITSA. Once the NITSA is tendered to the customer, Portland General Electric will enter "ACCEPTED" as the status of the OASIS NITS request. The transmission customer will then have to select "CONFIRMED" as the status of the OASIS NITS request if it has not been "PRECONFIRMED."

- 2.8.8. If the customer fails to CONFIRM the NITS request within 15 days, Portland General Electric will consider the request withdrawn and enter "DECLINED" as the status of the OASIS NITS or NLS request.
- 2.8.9. If sufficient ATC to accommodate the NITS request is not available, then Portland General Electric will tender a System Impact Study Agreement ("SISA") to the applicant. Upon offering the SISA to the customer, Portland General Electric will select "STUDY" as the status of the OASIS NITS request. If the applicant executes the SISA within the required time period (Section 32.1 of the OATT), Portland General Electric will perform the study. Portland General Electric's Transmission and Reliability Services department will coordinate with the applicant to facilitate the required study. If the applicant does not execute the SISA within the required time period, then the applicant's application is deemed withdrawn in accordance with Section 32.1 of the Tariff, and Portland General Electric will consider the request withdrawn and enter "DECLINED" as the status of the OASIS NITS or NLS request.
- 2.8.10. If during the evaluation of the NITS Application the Transmission Provider determines that due to insufficient transfer capability, consistent with the Transmission Provider's tariff requirements, the requested service cannot be provided, the Transmission Provider shall set the STATUS of the overall NITS Application to REFUSED. If during the evaluation of the NITS Application the Transmission Provider determines that the requested Transmission Service may only be granted in part, the Transmission Provider shall set the STATUS of the overall NITS Application to COUNTEROFFER.
- 2.8.11. At the conclusion of the System Impact Study, a Facilities Study may be required. If a Facilities Study is not required, Portland General Electric will tender a NITSA or modified NITSA. Once the NITSA or modification is signed, Portland General Electric will enter "ACCEPTED" as the status of the OASIS NITS request. The applicant will then have to select "CONFIRMED" as the status of the OASIS NITS request if it has not been "PRE-CONFIRMED" within the required time period.
- 2.8.12. If a Facilities Study is required, Portland General Electric will tender a Facility Study Agreement ("FSA") to the applicant. If the applicant executes the FSA within the required time period, Portland General Electric will perform the Facilities Study. The status of the OASIS NITS request will remain in "STUDY". At the conclusion of the Facilities Study, Portland General Electric will tender a Network Integration Transmission Service Agreement (NITSA) or a modification to an existing NITSA. Once the NITSA or the modified NITSA is signed, Portland General Electric will select "ACCEPTED" as the status of the OASIS NITS request. The transmission customer will then have to enter "CONFIRMED" as the status of the OASIS NITS request if it has not been "PRECONFIRMED" within the required time period.
- 2.8.13. Once the OASIS NITS is CONFIRMED, and prior to scheduling against the NITS request, Portland General Electric will assign scheduling rights within the confirmed application. The NITS

application reference number will be used as part of the OASIS Ref number for E-Tag scheduling purposes as may be applicable. The PGE Transmission Provider will communicate the applicable OASIS Ref for identifying transmission allocation for the Portland General Electric network segment on the E-Tag.

2.8.14. At the time the NITSA or modified NITSA is tendered, Portland General Electric will specify all applicable charges, terms and conditions of service, and required financial guarantees.

2.9. **Timelines for Submitting and Reviewing Applications, and for Accepting or Rejecting Service Agreements and Study Agreements**

2.9.1. The timelines set out in the Tariff in Sections 29 and 32 will apply.

2.10. **List of Network Resources**

2.10.1. Portland General Electric's list of Network Resources can be found on OASIS in the Load and Resources Information folder on the main page.

2.11. **Modification of Service**

2.11.1. A request for modification of service shall be evaluated in the same manner as any other request as part of the explicitly associated NITS application.

2.12. **Indefinite Termination of Network Resource**

2.12.1. A request for indefinite termination of Network resources status must be performed with the use of TerminateNITSDNR form on OASIS in accordance with Section 30.3 of the PGE OATT.

2.13. **Temporary Termination (Undesignation) and Redesignation of Network Resources**

2.13.1. A request for temporary termination of Network resources status must be performed with the use of TerminateNITSDNR form on OASIS in accordance with Section 30.3 of the PGE OATT.

2.13.2. Portland General Electric administers the temporary termination (undesignation) of Network Resources in accordance with Section 30.3 of the PGE OATT, applicable FERC orders and regulations, and approved NAESB Standards.

2.13.3. This business practice supports temporary termination (undesignation) of resources as a group for those resources identified as associated with a common NERC registered Point-of-Receipt (POR). The Transmission Provider will review the POR identified with each DNR and will verify that the POR is listed on the

NERC Registry and that the DNRs are appropriately associated with the identified POR.

- 2.13.4. This business practice does not relieve Network Customers of their responsibility to ensure that they comply with their OATT obligations, including the obligation to ensure that any designated Network Resource conforms with the requirements for designated Network Resources set forth in Section 30 of the OATT.

2.14. **Submission of Request to Temporarily Terminate (Undesignate) Network Resources**

- 2.14.1. If a TSR is to be considered with the temporary termination (undesignation) request per OATT Section 30.3 the customer must use the 'Add Concomitant TSR' option within the TerminateNITSDNR display in NITS.

2.15. **Timing Requirements to Temporarily Terminate (Undesignate) Network Resources**

- 2.15.1. All temporary terminations (undesignations) shall be submitted on a TerminateNITSDNR form via NITS on OASIS.
- 2.15.2. Pre-schedule temporary terminations (undesignations): Temporary terminations (undesignations) shall be submitted before any firm energy sale is tagged from that facility but no later than the firm PTP scheduling deadline referred to in OATT Section 13.8 of the pre-scheduling day for which the temporary termination (undesignation) is to be effective.
- 2.15.3. Real Time undesignations: Temporary terminations (undesignations) shall be submitted before any firm energy sale is tagged from that facility but no later than the firm PTP scheduling deadline referred to in OATT Section 13.8 of the next scheduling interval scheduling submission limit for which the temporary termination (undesignation) is to be effective.

2.16. **Process for evaluating Temporary Terminations**

- 2.16.1. Temporary terminations will be evaluated in accordance with Section 30.3 of the PGE OATT.

2.17. **Network Resource Redesignation**

- 2.17.1. Redesignation of a Network Resource will automatically occur at the time as specified on the temporary termination (undesignation) identified on the TerminateNITSDNR form unless the Network Resource has been terminated indefinitely.

2.18. **List of Temporary Terminations**

2.18.1. All temporary terminations (undesignations) will be shown in NITS via OASIS immediately on the TerminateNITSDNR form.

2.19. **Calculation of Network Transmission Rights**

2.19.1. Network Resource firm transmission rights are reduced or restricted from the original grant of network transmission capacity based upon the actual ability of the Network Resource to produce or deliver energy. Network transmission available for use in any hour is the original granted capacity minus all terminated capacity.

2.19.2. The customer can schedule Network Resources up to the network transmission rights available in the hour or the Network Load in the hour for either the entire hour or over selected scheduling intervals of an hour.

2.20. **Use of Firm Network Transmission Service**

2.20.1. Firm Network Service may only be used when a Network Customer wants to either import energy from a Designated Network Resource into the Portland General Electric Balancing Authority Area or move energy from a Designated Network Resource within the Balancing Authority Area; in both cases, to serve the Network Customer's Network Load in those hour(s) being scheduled.

2.20.2. The Network Customer is responsible for proper use of Firm Network Service. This business practice does not relieve a Network Customer of its responsibility to ensure that network transmission rights are used in accordance with the OATT, Sections 28.1 and 28.6.

2.20.3. Firm Network Service has a NERC curtailment priority of 7. See also Section 13.6 of the OATT.

2.20.4. The NITSA requires the Network Customer to pay a Load Ratio Share of Portland General Electric's transmission revenue requirement. See OATT Attachment H- Annual Transmission Revenue Requirement for Network Integration Transmission Service.

2.20.5. Transmission set aside for Firm Network Service that is not scheduled at pre-schedule will be posted as non-firm ATC unless the Network Customer notifies Portland General Electric that it undesignates or terminates network capacity via OASIS so it can be posted as firm ATC.

2.20.6. The transmission capacity that is held by a Designated Network Resource cannot be used by a separate resource that is not designated.

2.21. Use of Secondary Network Service

- 2.21.1. Portland General Electric administers the use of Secondary Network Service in accordance with Section 28.4 of Portland General Electric's OATT, applicable Commission orders and regulations, and final NERC and approved NAESB Standards.
- 2.21.2. Secondary Network Service may be requested when a Network Customer wants to import energy from a non-designated resource to serve their Network Customer's Network Load.
- 2.21.3. The combined total of Firm Network Service and Secondary Network Service used in an hour cannot exceed the designated Network Load.
- 2.21.4. This Business Practice does not relieve Network Customers of their responsibility to ensure that they comply with their OATT obligations, including the obligation to ensure that Network Transmission rights are used in accordance with the OATT, in particular Sections 28.1, 28.4 and 28.6.
- 2.21.5. Secondary Network Service has a NERC 6 curtailment priority, identified on electronic tags as 6-NN. Curtailment occurs as set forth in the OATT Sections 13.6 and 14.7.

2.22. Requesting Secondary Network Service for Network Load Service

- 2.22.1. A Network Customer must submit its request for Secondary Network Service on OASIS with an ADDNITSSECONDARY form in accordance with the timing restrictions set forth in Section 18.3 of the Portland General Electric OATT.

2.23. Request for Secondary Network Service Evaluation Process.

- 2.23.1. In response to the request for Secondary Network Service, Portland General Electric will grant the request to the extent Non-Firm ATC is available.
- 2.23.2. If Non-Firm ATC is available for the request, Portland General Electric will enter "ACCEPTED" as the status of the OASIS transmission request. If a Secondary Network Service is pre-confirmed, the OASIS tool will automatically change the status from ACCEPTED to CONFIRMED. All requests for Secondary Network Service will be considered on a first-come-first-served basis based on queue time.
- 2.23.3. If ATC is available to grant part of the requested amount but not all, Portland General Electric will "COUNTEROFFER" the available capacity. The Network Customer must "CONFIRM" the "COUNTEROFFER".
- 2.23.4. If ATC is not available for the Secondary Network Service request, Portland General Electric will enter a status of "REFUSED".

2.24. **Modification of Application Stop Time**

2.24.1. The Transmission Customer may submit a request to change the Stop Time to either extend or terminate the NITS Application.

2.25. **Annual Load and Resource Information Updates**

2.25.1. The Network Customer shall provide Portland General Electric with annual updates of Network Load and Network Resource forecasts in accordance with the PGE OATT.

2.25.2. Updates to load will be performed on a MODIFYNITSLOAD form on OASIS

2.25.3. Updates to Resources will be performed in accordance with Step 2.4 - New Network Resource Request for Existing Customers.

3. Revision History

| Version | Date | Change Summary |
|----------------|------------------|--|
| 0-Draft 1 | July 20, 2015 | <ul style="list-style-type: none">• Initial draft posting |
| 0-Draft 2 | February 1, 2017 | <ul style="list-style-type: none">• Clarified OASIS References |
| 0 | March 1, 2017 | <ul style="list-style-type: none">• Initial effective posting |