

Business Practice #66: Requirements of External Resources to Dynamically Transfer into PacifiCorp Balancing Authority Areas Using a Pseudo-Tie and Requests for Dynamic Schedule

Posted: March 23, 2021

Effective: March 23, 2021

Revision No.: 1.0

NOTICE

A redline version of the most recent revisions to this business practice is available at:
<https://www.oasis.oati.com/woa/docs/PPW/PPWdocs/BP66red.pdf>

Policy Reference

PacifiCorp's Open Access Transmission Tariff ("OATT"), PacifiCorp's Policy 139 - "Facility Connection Requirements for Transmission Systems (46 kV and above)" and Business Practice #25 Application of Dynamic Transfer e-Tags.

Definitions

No definitions other than those currently contained in PacifiCorp's OATT are required for this business practice.

Purpose

The purpose of this business practice is to identify the requirements to establish a dynamic schedule or pseudo-tie into a PacifiCorp Balancing Authority Area (or "BAA") to facilitate a dynamic transfer of a load or resource. This business practice shall be applied to requests of Transmission Customers to dynamically transfer a load or resource into PacifiCorp's BAAs through use of a dynamic schedule or pseudo-tie.

This business practice applies to all Transmission Customers unless explicitly contradicted by contract terms.

Practice

Dynamic Schedule

A Transmission Customer that desires to establish a dynamic schedule into PacifiCorp's BAAs must meet certain requirements.

1. **Transmission Service**

A Transmission Customer that desires to establish a dynamic schedule must secure and pay for all costs associated with firm transmission service. The Customer must identify BAA interchange points, and the resource(s) being used for the service and provide the following resource details:

- (a) Total resource name plate capacity
- (b) Type of resource

The amount of dynamic scheduling rights requesting must be equal to the total name plate capacity of the resources being used in support of the dynamic schedule.

Pseudo Tie

Transmission Customers may desire to establish dynamic transfer capability into PacifiCorp's BAAs through a pseudo-tie. In order to accomplish this dynamic transfer, certain requirements must be met; such requirements will depend on the technical and operational circumstances and characteristics of each individual resource.

The following are PacifiCorp's baseline requirements for establishing a pseudo-tie of a resource into its BAA; however, this list is not intended to identify all possible requirements by PacifiCorp for a specific resource.

1. Transmission Service

A Transmission Customer that desires to establish a pseudo-tie must secure and pay for all costs associated with firm or conditional firm transmission service across the systems of all transmission service providers necessary to deliver power from the resource to PacifiCorp's BAA. For resources interconnected to non-PacifiCorp BAAs, the amount of firm or conditional firm transmission service across all other transmission service providers must be equivalent to the maximum amount of generation which the Transmission Customer will pseudo-tie to PacifiCorp's BAA. For resources interconnected to PacifiCorp BAAs in a remote pocket, the amount of firm or conditional firm transmission service across all other transmission service providers must be equivalent to the maximum amount of generation which the Transmission Customer will pseudo-tie to PacifiCorp's BAA less any local area load or transmission losses.

PacifiCorp will require evidence of a contractual arrangement supporting firm or conditional firm transmission rights across adjacent transmission systems prior to establishing a pseudo-tie for a specific resource. If, at the time of actual resource delivery, the resource delivery to a PacifiCorp BAA will be less than transmission service procured from other transmission service providers, such transmission service may be utilized by the Transmission Customer with the contractual rights to the transmission for other purposes. In addition, the Transmission Customer must make all necessary transmission arrangements with PacifiCorp in accordance with Parts II or III of PacifiCorp's OATT.

2. Metering

PacifiCorp will require pseudo-tied resources to have telemetering capabilities with PacifiCorp's control centers (Portland and Salt Lake). PacifiCorp will require primary and backup meters compatible with PacifiCorp's MV-90 system and which meet PacifiCorp's technical metering requirements. PacifiCorp will define the metering design requirements, including hardware inputs and outputs, software specifications and real-time data to be telemetered based on the circumstances and characteristics of each individual resource.

3. Communications

PacifiCorp will require pseudo-tied resources to have the primary and secondary metering of the interconnect MW value routed to PacifiCorp's control centers (Portland and Salt Lake) on different circuits. The primary meter value will be input to a remote terminal unit ("RTU") and carried to the control centers over that RTU's Supervisory Control and Data Acquisition System ("SCADA") communications line. The secondary meter value will be carried to the control centers on a separate SCADA communications line.

PacifiCorp will define the equipment specifications, technical requirements and SCADA requirements based on the circumstances and characteristics of each individual resource, including any requirements of the existing BAA in which the Transmission Customer's resource is located. Communication sources may include telephone lines, fiber optic systems, microwave radio, other radio systems, or a combination of these systems.

4. Remedial Action Schemes

PacifiCorp may require additional equipment for pseudo-tied resources into PacifiCorp's BAA if the resource is included in a remedial action scheme ("RAS") in its current BAA.

5. Cost

Costs associated with facilitating a pseudo-tied resource will be allocated in a manner consistent with PacifiCorp's OATT or any relevant contracts between the Transmission Customer and PacifiCorp.

6. Reliability

PacifiCorp will determine any additional requirements for each individual pseudo-tied resource in order to ensure that PacifiCorp can properly maintain system reliability.

Requests for a Dynamic Schedule or Pseudo-Tied Resource

Transmission Customers desiring to establish a dynamic transfer or pseudo-tie for an external load or resource into PacifiCorp's BAA, or resources interconnected to a remote pocket of a PacifiCorp BAA with insufficient local area load to integrate the resource, should send a letter to PacifiCorp requesting that a study be performed. PacifiCorp will then contact the Transmission Customer to obtain further technical information about the load or resource to permit PacifiCorp to sufficiently evaluate the request.

Requests should be sent to the following address:

PacifiCorp Transmission
Attn: Kristopher Bremer
825 NE Multnomah Street, Suite 1600
Portland, OR 97232-2135
kristopher.bremer@pacificorp.com

After the receipt of a Transmission Customer's request to establish a dynamic schedule or pseudo-tied load or resource into PacifiCorp's BAA, PacifiCorp's process may include the performance of the following steps prior to the establishment of service:

1. Tender a system impact and facilities study agreement
2. Perform a study to be presented to the Transmission Customer
3. Negotiate and execute a Construction Agreement
4. Perform construction consistent with requirements set forth above and contained in the final Construction Agreement

Contact for Assistance: BusinessPractices@PacifiCorp.com

Revision History

Version	Posted Date	Change Summary
1.0	3/23/2021	Addition of Dynamic Schedule requirements
0.0	5/3/2014	Finalized draft
DRAFT 2	3/19/2014	Revised draft posted for public comment
DRAFT	12/27/2013	Initial draft posted for public comment