



Bonneville Power Administration Transmission Long-Term System Constraints

Updated: January 08, 2024

In its Transmission Service Request Evaluation business practice, BPA’s Transmission Services describes how it evaluates a new request for Long-Term Firm (LTF) Transmission Service on its Network by analyzing the impacts of that request on its Network Flowgates.

Additionally, BPA Transmission Services must also evaluate whether there are other System Constraints or limitations not associated with its Network flowgates prior to being able to make an offer in order to ensure system reliability. As a result, BPA has agreed to provide periodic postings of System Constraints and anticipated actions for addressing such constraints. The table provided below identifies the location or area of current System Constraints or limitations that affect awards of transmission service, the nature of the constraints or limitations, and anticipated mitigations that are necessary to remedy the constraints. This table will be updated and posted as BPA continues its evaluation of new transmission service requests and develops plans for its transmission system to fully meet those transmission needs.

Location/Area	System Constraint/Limitation	Anticipated Mitigation
Jones Canyon & Dalreed	System thermal and voltage limitations due to generation additions	Additional reinforcement of the system in the local area as interconnection projects progress
Harney Area	System thermal and voltage limitations due to generation additions	Additional reinforcement of the system in the local area as interconnection projects progress
Klondike Schoolhouse	Defined Interconnection limit	Additional reinforcement of the system in the local area as interconnection projects progress
Morrow Flat Area (Longhorn)	System thermal limitations	Additional reinforcement of the system in the local area as interconnection projects progress
MIDCREMOTE	Further evaluation of policies and agreements	Further evaluation of policies and agreements
MIDC Area Resources	System thermal limitations and BPA transmission capacity limits	Additional reinforcement of the system in the local area as interconnection projects progress
Bethel	System thermal limitations	Third party fixes and reinforcements identified in TSEP
Portland Area	System thermal limitations	Third party fixes and reinforcements identified in TSEP
La Pine area	System thermal limitations	Additional reinforcement of the system in the local area as interconnection projects progress
Walla Walla area	System thermal limitations and BPA transmission capacity limits	Additional reinforcement of the system in the local area as interconnection projects progress



Location/Area	System Constraint/Limitation	Anticipated Mitigation
Big Eddy/Maupin 230	System thermal limitations due to generation additions	Additional reinforcement of the system in the local area as interconnection projects progress
Bend/Redmond Area	System thermal limitations due to generation additions	Additional reinforcement of the system in the local area as interconnection projects progress
Midway to Big Eddy 230kV	System thermal limitations due to generation additions	Additional reinforcement of the system in the local area as interconnection projects progress
Satsop Area	System thermal limitations and BPA transmission capacity limits	Third party fixes and reinforcements identified in TSEP
Southern OR Coast	System thermal limitations and BPA transmission capacity limits	Additional reinforcement of the system in the local area as interconnection projects progress
South of Rock Creek	System thermal limitations and BPA transmission capacity limits	Additional reinforcement of the system in the local area as interconnection projects progress
The Dalles Area	System thermal limitations and BPA transmission capacity limits	Additional reinforcement of the system in the local area
Umatilla Boardman Area	Area import limitations	Additional reinforcement of the system in the local area as load interconnection projects progress
Northwest WA Area (Puget Sound Region)	Area import limitations	Additional reinforcement of the system in the local area as load interconnection projects progress

Additional Links:

- Transmission Service Request Evaluation [Business Practice](#)
- TSR Study & Expansion Process [Business Practice](#)
- TSR Study & Expansion Process [Web Site](#)