



Transmission Services

Bonneville Power Administration Transmission System Constraints

Updated: March 15, 2011

In its Available Transfer Capability (ATC) Methodology, 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.

Not currently described in its ATC Methodology, 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	Subsequent interconnections require different point(s) of interconnection
Harney area	System Thermal and Voltage Limitations due to generation additions	Subsequent interconnections require different point(s) of interconnection
John Day Wind	Interconnection Limit -- 500/230 kV transformer	Subsequent interconnections require different point(s) of interconnection
Klondike Schoolhouse	Interconnection Limit	Subsequent interconnections require different point(s) of interconnection
Biglow Canyon	Interconnection Limit	Subsequent interconnections require different point(s) of interconnection
Rock Creek	Interconnection Limit -- 500/230 kV transformer	Subsequent interconnections require different point(s) of interconnection
West of John Day	500 kV System west of John Day	West of McNary Reinforcements -- Network Open Season 2008
West of Little Goose	500 kV System in the Lower Snake River area	Central Ferry - Lower Monumental -- Network Open Season 2008
