



Reliability Limits and Outages Information, Version 4 - Bulletin

Effective: 12/29/11

Associated business practice: Scheduling Transmission Service

The Reliability Limits and Outages Information Bulletin, Version 4, clarifies the time period for updates to Total Transfer Capability (TTC) on MOD-029-1 paths and Total Flowgate¹ Capability (TFC) on MOD-030-2 paths. Version 4 includes the following updates:

- Added "and Total Flowgate Capability (TFC) to step A.1
- Added "TTC" to step A.2
- Changed OTC to TTC in step A.4
- Added "to TTC and TFC" and "for TTC" to step B.4 and B.4.b

A. Next Hour Reservation Reliability Limits

1. Final Preschedule Total Transfer Capability (TTC) and Total Flowgate Capability (TFC) is determined no later than 08:00 PPT² for the next Western Electricity Coordinating Council (WECC) Preschedule day(s).
2. BPA Transmission Services' Real-Time schedulers will place Reliability Limits on affected TTC paths prior to 22:00 PPT for the next Preschedule day.
3. Despite a Reliability Limit³, Customers may schedule up to the full TSR⁴ transmission demand.
 - a. Firm Transmission schedules, in excess of the Reliability Limit are subject to pro-rata reliability reductions in Real-Time for next hour.
 - b. Non-Firm Transmission schedules in excess of the Reliability Limit are subject to reliability reductions based on OASIS⁵ Queue time of the corresponding TSR (Last In First Out (LIFO)).

¹Flowgate (Cutplane): Transmission lines and facilities owned by BPA on a constrained portion of BPA's internal network transmission grid or transmission lines and facilities owned by BPA and one or more neighboring transmission providers that are interconnected and the separately owned facilities are operated in parallel in a coordinated manner, and each of the owners has an agreed upon allocated share of the transfer capability.

²Pacific Prevailing Time

³A transmission limit applied to a Transmission Service Request (TSR) based on the Operating Transfer Capability (OTC).

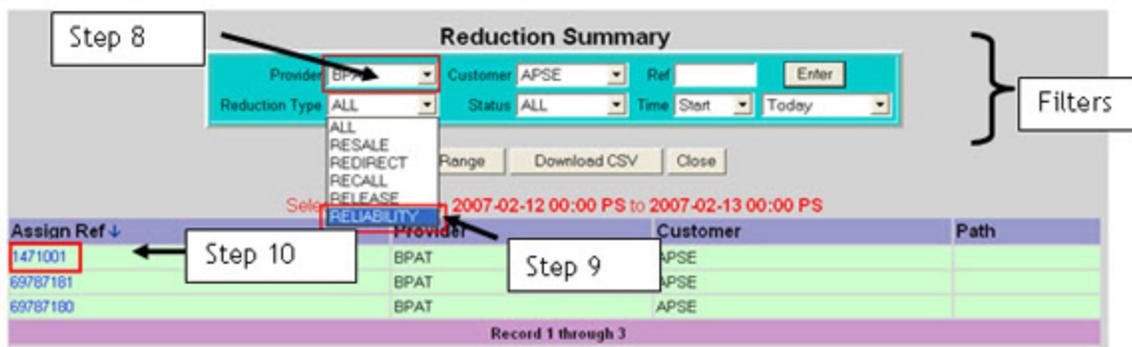
⁴Transmission Service Request

⁵Open Access Same-Time Information System

4. Reliability Limits will be updated when any changes to TTC occur during the Real-Time window.
5. If a Reliability Limit impacts the transmission demand of a TSR, Customers with User and Company Details configured to receive dynamic notification will automatically receive notification of that impact by email or through a specified web address.
 - a. For Customers not configured to receive dynamic notification, Reliability Limits on a TSR can be viewed on OASIS at www.oatioasis.com
6. If necessary, BPA Transmission Services will implement reliability reduction procedures at the end of the scheduling hour for the next hour.
7. To view the Reliability Limits for a TSR, access OASIS and click the Reductions button. The Reductions Summary screen will display.



8. Select the name of the Transmission Provider from the Provider drop-down menu.
9. Select RELIABILITY from the Reduction Type drop-down menu and then click Enter. The AREFs that apply to the filters selected will display.



10. To view the details of the Reliability Limit on a specific TSR, select that TSR's AREF¹ from the AREF field. The Reliability Limit details will display.

¹A unique reference number automatically assigned by OASIS to provide a unique record for each transmission or ancillary service request.

Reservation 1471001 Profile Detail - CONFIRMED ORIGINAL
 2007-01-01 01:00:00 to 2009-01-01 01:00:00
 (2007-03-29 00:00 to 2007-03-30 00:00 PD)
 2007-03-30 08:24:24 PD

Provider: BPAT AssignRef: 1471001 Time: Yesterday Enter

Previous Day Next Day Collapse All User Range Close

Assign Ref	Start-Stop Interval	AvailMW	GrantedMW	Bid	Offer
1471001	2007-03-29 00:00:00 to 2007-03-29 13:00:00 -	650	650		
1471001	2007-03-29 13:00:00 to 2007-03-29 22:00:00 -	527	650		
BPAT1205			527	RELIABILITY LIMIT	
			527	NET	
1471001	2007-03-29 22:00:00 to 2007-03-30 00:00:00 -	650	650		

Step 11

11. The example above displays a Reliability Limit of 123 MWs placed on the confirmed TSR between hours 13:00 to 22:00 on March 29, 2007.

B. Outage Information

1. Planned Outage information can be accessed from either the [OASIS home page](#) or the [transmission website](#). Outage information is time-sensitive and may or may not be updated dependent upon the outage start time and where BPA is in the planning process.
2. Outages with a large impact potential will be given a time frame for work prior to becoming part of the 45 Day Outage process and become part of long range planning. Long range planning spreadsheets are available for informational purposes only and outages may be adjusted or moved. To view the long range planning go to <http://transmission.bpa.gov> and make the following selections:
 - a. Transmission Availability
 - b. Proposed Outages
 - c. Month of interest under Long Range Significant Outages
3. Proposed 45 Day Outages and limit estimates during planned outages are posted starting 45 days prior to the start of the outage month. This information is updated and finalized 30 days prior to the start of the outage month.

- a. To view outages and estimates included in the 45 Day Outage Plans go to <http://www.oatioasis.com> and make the following selections:
 - i. Outage folder located on the left side of the web page
 - ii. Proposed 45 Day Outages
 - iii. Month of interest under the 45 Day Outage Plans
 - b. To view the posting schedule for the 45 Day Outage Plan, go to <http://www.oatioasis.com> and make the following selections:
 - i. Outage folder located on the left side of the web page
 - ii. Proposed 45 Day Outages
 - iii. Schedule for NWPP 45-Day Outage Coordination Process
4. Studies for planned outages are completed and limits posted on OASIS and BPAT's Outage Summary page approximately 2 weeks in advance of the outage week. New planned outages or updates to TTC and TFC are posted until 08:00 of the WECC Preschedule Day. Real-time information for TTC, including updates to planned outages, limits and forced outages are posted during the Real-time day.
- a. To view Planned Outage information on OASIS, go to <http://www.oatioasis.com> and make the following selections:
 - i. Outage folder located on the left side of the web page
 - ii. Outage Summary
 - b. To view the rolling 14 day outage page, select the Hourly TTC Path Limits. (Limits for TTC and TFC can be viewed 14 days in the past or 14 days in the future).
 - i. To view all paths for a specific day, select a date from the drop down list.
 - ii. To view a specific path for 28 days, select a path from the drop down list.