PROCESSING OF SHORT-TERM POINT-TO-POINT TRANSMISSION SERVICE REQUESTS

In this Section:

1.0 OVERVIEW

BC Hydro's Open Access Transmission Tariff (bchydro.com) (OATT) requires that all Transmission Service Requests (TSR) be made on BC Hydro's OASIS (Open Access Same-Time Information System). For information on how to submit a TSR on BC Hydro's OASIS, refer to BC Hydro's OATT Business Practices on *Submitting a Short-Term Transmission Request*. If OASIS is not functioning, BC Hydro will post a bulletin to advise of the OASIS outage.

Transmission Service Requests (TSRs) are received and processed according to the path and the chronological order in which they are queued in BC Hydro's OASIS.

These Business Practices provide clarification of the rules, standards and practices used by BC Hydro to implement its OATT. While the terms of BC Hydro's OATT and these Business Practices govern, the Transmission Customers should also refer to the NAESB WEQ Business Standards and WECC Regional Criteria, which BC Hydro has followed in most, but not all, respects. BC Hydro also complies with the Mandatory Reliability Standards adopted by the BCUC.

2.0 TSR VALIDATION

BC Hydro validates each attribute on submitted TSRs, including but not limited to:

- Submission time
- Valid Path and POR/POD combination
- MW Requested
- Bid Price
- Service Increment
- Start Time / Stop Time
- Pre-confirmation Status

2.1 Confirmation Timelines

BC Hydro will not contact (via email, telephone or fax) the Transmission Customer to notify them that a confirmation is required. It is the Transmission Customer's responsibility to monitor the status of its TSRs on OASIS and to act accordingly within the time limits specified.

Confirmation Timelines are the same for Firm and Non-Firm service.

Service Increment	Customer Confirmation Limit after	
	ACCEPTED (Note 1)	COUNTEROFFER (Note 2)
Hourly (Real Time)	5 minutes	5 minutes
Hourly (Pre-schedule)	10 Minutes	10 Minutes
Daily	10 Minutes	10 Minutes
Weekly	30 Minutes	30 Minutes
Monthly	2 Hours	2 Hours

Note 1: If a Transmission Customer submits the TSR PRECONFIRMED = NO, and BC Hydro, after validation, accepts the TSR, the status of the TSR is changed to ACCEPTED. An ACCEPTED TSR is not a contract unless the Transmission Customer confirms it on OASIS within the confirmation timelines.

Note 2: BC Hydro will counteroffer when there is insufficient ATC to grant the TSR in full. BC Hydro will change the TSR status to COUNTEROFFER with the available capacity. The Transmission Customer will need to act on the COUNTEROFFER in OASIS within the confirmation timelines.

3.0 PROCESSING OF THE 5 MINUTE SIMULTANEOUS SUBMISSION WINDOW REQUESTS (Midnight Bidding)

Per Sections 13.2(e) and 14.2 of BC Hydro's OATT, BC Hydro has established a 5 Minute Simultaneous Submission Window (SSW) for Short-Term Firm and Non-Firm TSRs with an earliest time at which requests may be submitted. The table in Section 3.3 of BC Hydro's OATT Business Practice on *Submitting a Short-Term Transmission Service Request* identifies the earliest submission time for the applicable services (Hourly, Daily, Weekly, and Monthly).

The 5 minute SSW will be from 00:00:00 to 00:05:00; TSRs submitted within this window:

- Shall be deemed to have been submitted simultaneously
- Will not be publicly made available until the window has closed.

Refer to BC Hydro's OATT Business Practice on *Submitting a Short-Term Transmission Service Request* on the process for submitting TSRs during this window.

At the close of the 5 Minute SSW, BC Hydro will allocate transmission capacity to valid submitted TSRs as follows:

1. Sort the TSRs into separate and equal priority groupings from highest priority to lowest priority, based on duration (longer is higher priority), pre-confirmation status (pre-confirmed is higher priority), and bid price (higher price is higher priority).
2. Randomly assign a customer pick-order.
3. Starting with the highest priority grouping, use the customer pick-order to allocate ATC to the TSRs until no TSRs remain or ATC is zero.

4. If ATC remains, the above step repeats for the next highest priority grouping, and so on, until no TSRs remain, or ATC is zero.
5. BC Hydro will COUNTEROFFER if any remaining ATC exists and cannot meet the requested capacity of the TSR.

4.0 PREEMPTION AND ROFR PROCESSES

Preemption and ROFR (Right of First Refusal) processes only occur in Pre-schedule until the conditional time period as defined in the tables of Section 3.3 of BC Hydro's OATT Business Practice on *Submitting a Short-Term Transmission Service Request*.

4.1 ROFR Process Timeline

For Day + 1 ROFR Process, a Challenger must submit a Firm and/or Non-Firm TSR on the Working Day[1] prior to start of service by 09:00:00 PPT, within the conditional period of the service increment, in order for it to compete in the ROFR process, which starts at 06:00:00 PPT and concludes at 10:00:00 PPT.

For Day+2 and beyond, the ROFR Process will continue until 14:00:00 PPT, within the conditional period of the service increment.

4.2 Preemption Process

Sections 13.2 and 14.2 of BC Hydro's OATT establish the reservation priority for granting Short-Term Point-To-Point Transmission Service on constrained paths.

The Preemption process is initiated when there is insufficient ATC to grant service to accommodate all TSRs in full, in the transmission queue, during the conditional time period. However, there is no assurance that the outcome of the Preemption process will result in sufficient ATC to grant a full or a partial offer to all TSRs.

In this process, a Challenger (a later-submitted flat MW TSR with higher priority) can preempt one or more Defenders (earlier-submitted TSR(s) or conditional transmission reservation(s) with lower priority). Thus, each ROFR process involves one Challenger and one or more Defenders. A Defender of a conditional transmission reservation has a ROFR to match the challenging TSR's duration in certain circumstances.

There are two types of Preemption: (a) with ROFR, and (b) without ROFR.

a) Preemption with ROFR occurs when a higher priority Short-Term PTP TSR (Challenger) challenges a conditional Short-Term PTP transmission reservation (Defender). In this case, the Defender may attempt to defend its transmission reservation by matching or exceeding the duration of the challenging TSR in OASIS.

[1] Working Day is any day in the week excluding weekends, NERC holidays and Statutory Holidays as posted in the WECC Pre-scheduling Calendar.

b) Preemption without ROFR occurs when a Defender does not have a Right of First Refusal. This means that a Defender cannot match the duration of the Challenger's TSR and the Defender will lose its transmission capacity to the Challenger. Preemption without ROFR occurs when the Defender's Short-Term PTP TSR is not CONFIRMED and the Challenger's TSR has a higher priority service increment than the Defender's TSR.

The Preemption process is conducted for request types of ORIGINAL, REDIRECT and RESALE, including TSRs that have been processed through the Simultaneous Submission Window. The ROFR process limits multiple REDIRECTs during the conditional time period, such that the subsequent REDIRECT from a prior REDIRECT is not permitted until the prior REDIRECT is unconditional. RESALEs are not subject to Preemption directly; the Parent Reservation is subject to Preemption and is responsible for exercising the ROFR for transmission capacity.

It is the responsibility of all Transmission Customers, as Defenders or Challengers, to monitor their TSRs and transmission reservations throughout the Preemption process. BC Hydro will not contact (via email, telephone or fax) Transmission Customers to notify them that a Preemption process has been initiated.

Conditions specifying the Defender's ROFR is indicated in the table below.

Defender(s)	**Challenger**			**Defender(s) ROFR**
Confirmation Status	**Class**	**Service Increment**	**Duration**	
Not Pre-confirmed	Any	Any	Any	No
Pre-confirmed	Same	Same or lower	Equal or Longer	Yes

4.3 ROFR Process

The ROFR process is initiated for each class of service separately (Firm vs Firm or Non-Firm vs Non-Firm). The Defender(s) and the Challenger proceed as follows:

1. The Defender(s) are asked via OASIS to match the Challenger's TSR on a first-come, first-serve basis to execute a valid ROFR, regardless of the queue order of the Defender(s). Each Defender may match on duration by extending to an earlier start time or later stop time, provided there is ATC.

2. The Defender who first submits a valid matching request (in terms of service increment, duration, and bid price) within the Defender ROFR Submission Time Limit, as shown in the table below, may exercise their ROFR, regardless of queue order. The matching request can exceed the Challenger's duration, but it must contain the Defender's original capacity profile. If a Defender submits multiple

matching requests, only the first matching request will apply to the ROFR process.

Defender ROFR Submission Time Limit

Service Increment	Defender ROFR Submission Time Limit
Hourly and Daily	10 Minutes
Weekly	30 Minutes
Monthly	2 Hours

3. If ATC remains after the ROFR process concludes, the Challenger will receive a counteroffer for the remaining ATC. The Challenger will need to act on the counteroffer according to the Confirmation Timelines in section 2.1 above.

4. The Defender who is earliest in queue, that does not have ROFR will receive a counteroffer if any ATC remains after the Challenger's request is accommodated in full. The Defender will need to act on the counteroffer according to the Confirmation Timelines in section 2.1 above.

It is the responsibility of all Transmission Customers, as Defenders or Challengers, to monitor their TSRs and transmission reservations throughout the ROFR process. BC Hydro will not contact (via email, telephone or fax) Transmission Customers to notify them that a ROFR process has been initiated.

4.4 Duration

Duration is defined as the number of transmission service increments with a non-zero MW profile between the Start Time and Stop Time. Varying MW profiles for each transmission service increment is permitted between the Start Time and Stop Time. Refer to BC Hydro's OATT Business Practice on *Submitting a Short-Term Transmission Service Request* for more information on TSR MW profiles.

Examples of various MW profiles and the resulting duration:

1. Hourly

OASIS TSR #	HE 01	HE 02	HE 03	HE 04	HE 05	HE 06	Duration
700001	5	4	2				3
700002	3	0	3	0	3		3
700003	1	1	1	1	1	1	6
700004	2	1	5	2	1	3	6

2. Daily

OASIS TSR #	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Duration
700005	5	4	2				3
700006	3	0	3	0	3		3
700007	1	1	1	1	1	1	6
700008	2	1	5	2	1	3	6

3. Weekly

OASIS TSR #	Week 1	Week 2	Week 3	Week 4	Duration
700009	5	4	2		3
700010	3	0	3	3	3
700011	1	1	1	1	4
700012	2	1	5	2	4

4. Monthly

OASIS TSR #	Month 1	Month 2	Month 3	Month 4	Month 5	Duration
700013	5	4	2			3
700014	3	0	3	0	3	3
700015	1	1	1	1	1	5
700016	2	1	5	2	1	5

5.0 APPROACH TO REMEDYING ERRORS IN TSR PROCESSING

Technical errors in the automated system and/or manual errors may occur on the processing of TSRs.

Upon discovery of the error, BC Hydro will investigate the issue(s) fully. As appropriate and as practicable, BC Hydro shall address such errors on a case-by-case basis, adhering to the principles of the OATT and good utility practices.

5.1 Approach to remedying errors that impact the transmissions service queue

In the circumstance where an error has been made and the queue sequence is out of order, BC Hydro will attempt to return the TSR(s) processed in error to the state that was last established at the most recent time of compliance, as much as practicable and feasible, taking into account the unique circumstances of each case, including but not limited to Transmission Paths, TSR Increments, and Start Times.

Where practicable and feasible, in the case where manual intervention is required to bring the queue back into alignment with sections 13.2 and 14.2 of the OATT, the change(s) will first be reviewed and signed-off by a BC Hydro manager. Additionally, BC Hydro will post a transmission bulletin on its website to notify all Transmission Customers of the error and any remedy with a written explanation, as appropriate.

Document Change History

Issue	Reason for Issue	Date
7	Added Sections 5.0 and 5.1 to clarify BC Hydro's approach to remedying errors in TSR processing, and BC Hydro's approach to remedying errors that impact the transmissions service queue.	October 21, 2024
6	Updated based on FERC Order 676-I, and clarified language	August 3, 2022
5	Updated and removed language for clarity	April 12, 2016
4	Corrected typo.	January 27, 2016
3	Updated hyperlink to OATT under bchydro.com	July 23, 2015
2	Clarified language to remove ambiguity.	June 27, 2012
1	Updated procedures per OATT Amendments, approved October 21, 2009. Previous Business Practice 5 and 6.	November 1, 2010

Back to Top of Section