

## **SUBMITTING A SHORT-TERM TRANSMISSION SERVICE REQUEST**

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### **1.0 OVERVIEW**

BC Hydro's [Open Access Transmission Tariff](#) (OATT) requires that all transmission service requests be made on BC Hydro's OASIS (Open Access Same-Time Information System). For information on how to register and be enabled on BC Hydro's OASIS, refer to BC Hydro's OATT Business Practices on *Becoming a BC Hydro Transmission Customer*. If OASIS is not functioning, BC Hydro will post a bulletin to advise of the OASIS outage.

Pursuant to the OATT, Short Term Firm and Non-Firm Point-to-Point Transmission Service is available for a period ranging from one hour to less than one year. Secondary Network Service is available on an hourly basis only.

These Business Practices provide clarification of the rules, standards and practices used by BC Hydro to implement its OATT, which may supplement but not supersede the terms and conditions specified in non-OATT agreements as approved or exempted under the Utilities Commission Act. While the terms of BC Hydro's OATT and these Business Practices govern, customers should also refer to the NAESB WEQ Business Standards, WECC Regional Criteria, and WECC Regional Business Practices, 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 TRANSMISSION SERVICE REQUEST (TSR) ATTRIBUTES**

#### **2.1 Path Name and POR/POD (Point of Receipt/Point of Delivery) Combinations**

POR/POD combinations available on BC Hydro's system and OASIS are defined in Table 1 of BC Hydro's OATT Business Practice on *Posting of Transmission Service Offerings*.

If the Transmission Service Request (TSR) is to supply Power Losses pursuant to Section 15.7 of BC Hydro's OATT, Transmission Customers must use the correct path and POR/POD combination. Refer to BC Hydro's OATT Business Practice on *Ancillary Services* for information on the calculation of Power Losses.

#### **2.2 Transmission Type, Service Class and Service Increment**

A Transmission Customer can submit a Short Term TSR for Point-to-Point (PTP) or Network service. It can be Firm, Non-Firm or Secondary Network (for Network). The service increment can be for Hourly, Daily, Weekly or Monthly service.

Secondary PTP service is not available for purchase. It is only available for Redirect service. Refer to BC Hydro's OATT Business Practice on *Redirect of a Transmission Reservation* for more information.

The table below summarizes Short Term TSRs.

Service Increment	Point-to-Point		Network
	Firm	Non-Firm	Secondary
Hourly	✓	✓	✓
Daily	✓	✓	x
Weekly	✓	✓	x
Monthly	✓	✓	x

### 2.3 Start and Stop Dates and Times

Service	Start Date & Time	Stop Date & Time
<b>Hourly</b>	Can begin on any hour of the day at the top of the hour.	The interval between Start and Stop time must be at least 1 hour up to 24 consecutive hours.
<b>Daily</b>	Can begin on any day of the week at 00:00 hour.	The interval between Start and Stop dates must be at least 1 day up to 6 consecutive days.
<b>Weekly</b>	Can begin on any day of the week at 00:00 hour.	The interval between Start and Stop dates must be at least 1 week (7 days) up to 4 consecutive weeks.
<b>Monthly</b>	Must begin on the 1 <sup>st</sup> day of the calendar month at 00:00 hour.	The interval between Start and Stop dates must be at least 1 month up to 11 consecutive months.

### 2.4 MW Request / Reservation Profile

An **Hourly** TSR may request hourly transmission service for up to 24 hours in a single calendar day. An **Hourly** TSR must have a flat MW profile within each hour. Each hour may have a different MW profile. A continuous **Hourly** TSR cannot start or lead with a 0 MW hour.

A **Daily** TSR may request daily transmission service for up to 6 continuous days. A **Daily** TSR must have a flat MW profile for all hours in a calendar day. Each day may have a different MW profile. A continuous **Daily** TSR cannot start or lead with a 0 MW day.

A **Weekly** TSR may request weekly transmission service for up to 4 continuous weeks. A **Weekly** TSR must have a flat MW profile for all hours in a 7 day period. Each week may have a different MW profile. A continuous **Weekly** TSR cannot start or lead with a 0 MW week.

A **Monthly** TSR may request monthly transmission service for up to 11 continuous months. A **Monthly** TSR must have a flat MW profile for all hours in a calendar month. Each month may have a different MW profile. A continuous **Monthly** TSR cannot start or lead with a 0 MW month.

Refer to BC Hydro's OATT Business Practice on *Processing of Short Term Transmission Requests* for the determination of a TSR's duration.

## 2.5 **Bid price**

The Offer Price is posted by service increment (i.e. \$/MW-Hour; \$/MW-Day; \$/MW-Week; \$/MW-Month). The Bid Price must be equal to or greater than the posted Offer Price up to the maximum Tariff price, as set out in Rate Schedule 01 of BC Hydro's OATT. Transmission Customers must enter a Bid Price when submitting a Short Term TSR. Refer to BC Hydro's OATT Business Practice on *Posting of Transmission Service Offerings* for information on Pricing.

For Resale, the Bid Price shall be the rate (in \$/MW – Hour) mutually agreed upon between the Reseller and Assignee. Refer to BC Hydro's OATT Business Practice on *Resale and Transfer of Transmission Rights* for further information.

## 2.6 **Pre-Confirmation**

A Transmission Customer can submit a Short Term TSR "pre-confirmed" or not. If the TSR is submitted pre-confirmed, BC Hydro's acceptance (after validation) of the TSR confirms the contract. A Transmission Customer cannot withdraw a pre-confirmed TSR. If the Transmission Customer submits the TSR not pre-confirmed, the TSR is subject to the confirmation timelines outlined in BC Hydro's OATT Business Practice on *Processing of Short Term Transmission Service Requests*.

Refer to BC Hydro's OATT Business Practice on *Processing of Short Term Transmission Service Requests* for information on pre-emption and competition.

## 3.0 **TSR SUBMISSION TIMELINES/WINDOW**

### 3.1 **Definitions**

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

Business Day is Monday through Friday, excluding (Canadian) Statutory Holidays.

### 3.2 **Pre-schedule Calendar**

BC Hydro follows the WECC Pre-schedule Calendar. Please refer to the [WECC Guideline: WECC-Approved Pre-scheduling Calendar](#) for further details.

**3.3 Timeline (Scheduling Window) for Short-Term Firm TSRs**

Service Offering	Earliest Request	Latest Request	Conditional Until
<b>Monthly</b>	60 calendar days before start of service	1 minute before start of service	30 calendar days before start of service (see note)
<b>Weekly</b>	14 calendar days before start of service	1 minute before start of service	7 calendar days before start of service (see note)
<b>Daily</b>	2 Working Days before start of service (except sections 3.5 and 3.6 below)	1 minute before start of service	1 working day before start of service (see note)
<b>Hourly (Pre-schedule)</b>	1 Working Day before start of service (except sections 3.5 and 3.6 below)	N/A	10:00:00 one working day before start of service (see note)
<b>Hourly (Real Time)</b>	1 hour before start of service	1 minute before start of service	N/A

Note: A Firm TSR submitted the Working Day prior to start of service must be submitted by 9:00:00 PPT, within the conditional period, in order for it to compete in the displacement process, which concludes at 10:00:00 PPT for Day+1 competitions. Competitions for Day+2 and beyond, within the conditional period, will continue until 14:00:00 PPT.

**3.4 Timeline (Scheduling Window) for Short-Term Non-Firm TSRs**

Service Offering	Earliest Request	Latest Request	Conditional Until
<b>Monthly</b>	60 calendar days before start of service	1 minute before start of service	10:00:00 one working day before start of service (see Note)
<b>Weekly</b>	14 calendar days before start of service	1 minute before start of service	10:00:00 one working day before start of service (see Note)
<b>Daily</b>	2 Working Days before start of service (except sections 3.5 and 3.6 below)	1 minute before start of service	10:00:00 one working day before start of service (see Note)
<b>Hourly (Pre-Schedule)</b>	1 Working Day before start of service (except sections 3.5 and 3.6 below)*	N/A	10:00:00 one working day before start of service (see Note)
<b>Hourly (Real Time)</b>	1 hour before start of service	1 minute before start of service	N/A

Note: A Non-Firm TSR submitted the Working Day prior to start of service must be submitted by 9:00:00 PPT, within the conditional period, in order for it to compete in the displacement process, which concludes at 10:00:00 PPT for Day+1 competitions. Competitions for Day+2 and beyond, within the conditional period, will continue until 14:00:00 PPT.

\*Hourly Non-Firm TSRs submitted between 00:00:00 – 12:00:00 of the Working Day before start of service will be deemed to be received at 12:00:00 of the Working Day before start of service and will be processed according to their priority in the OASIS queue.

### 3.5 **Timeline (Scheduling Window) for Short-Term TSRs with a Start Date on a Saturday, Sunday or Monday**

Following the WECC Pre-scheduling Calendar, Short-Term TSRs with a Start Date on a Saturday, Sunday or Monday have the following submission timelines:

#### **Hourly**

- Hourly Firm and Non-Firm TSRs can be submitted as early as **00:00:00 Thursday** for service starting on **Saturday**.
- Hourly Firm and Non-Firm TSRs can be submitted as early as **00:00:00 Friday** for service starting on **Sunday** or **Monday**.

#### **Daily**

- Daily Firm and Non-Firm transmission requests can be submitted as early as **00:00:00 Thursday** for service starting on **Saturday, Sunday, or Monday**.
- Daily Firm and Non-Firm transmission requests can be submitted as early as **00:00:00 Friday** for service starting on **Tuesday**.

### 3.6 **Extended Timelines (Windows)**

NERC holidays and WECC Pre-scheduling Calendar may affect the timelines or scheduling windows. BC Hydro will post a bulletin advising of any changes in the timelines or scheduling windows due to a NERC holiday or the WECC Pre-scheduling Calendar.

### 4.0 **5 MINUTE SIMULTANEOUS SUBMISSION WINDOW (for 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 tables in Section 3.3 and 3.4 above identify the earliest submission time for the applicable services – monthly, weekly, daily and hourly.

The **5 Minute SSW will be from 00:00:00 to 00:05:00**. Requests submitted within the 5 minute window shall be deemed to have been submitted simultaneously. Requests submitted within this window will not be publicly made available until the window has closed.

Allocation of ATC for TSRs submitted during the SSW is defined in BC Hydro's OATT Business Practice on *Processing of Submitted Short Term Transmission Service Requests*.

Example:

Based on the earliest request times identified in section 3.3 and 3.4 above; between 00:00:00 and 00:05:00, Monday, January 30<sup>th</sup> (assuming no leap year), customers may submit TSRs as follow:

Hourly Firm and Non-Firm for Tuesday, January 31<sup>st</sup>

Daily Firm and Non-Firm for Wednesday, February 2<sup>nd</sup>

Weekly Firm and Non-Firm for Tuesday, February 15<sup>th</sup>

Monthly Firm and Non-Firm for April 1<sup>st</sup>

Refer to BC Hydro's OATT Business Practice on *Processing of Short Term Transmission Service Requests* for information on how TSRs submitted during the 5 Minute SSW will be processed.

**Document Change History**

<b>Issue</b>	<b>Reason for Issue</b>	<b>Date</b>
6	Updated language for clarity and corrected typographical error	April 12, 2016
5	Updated and corrected language to remove ambiguity. Updated hyperlink.	January 27, 2016
4	Updated hyperlink to OATT under bchydro.com	July 23, 2015
3	Updated and corrected language.	September 18, 2014
2	Corrected typos and clarified language to remove ambiguity.	June 27, 2012
1	Updated procedures to implement OATT Amendments and new scheduling system. Previously Business Practice 5 and 6.	November 1, 2010

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