

**Two New Transmission Services
NF-Secondary Hourly PTP and NF-Intra Hourly PTP
Starting December 1, 2009**



Elimination of Sheltering

The retirement of the Sheltering Business Practice

- What does this mean?
- How will it affect customers?
- When does it start?



NF-SECONDARY HOURLY PTP Service

- AKA: Redirect on a Non-Firm Basis, Modifications On a Non-Firm Basis, Secondary Non-Firm, Non-Firm Redirect, and 1-NS Redirect
 - Redirect Business Practice
 - Requesting Business Practice
 - OATT 22.1
 - NAESB: WEQ-001, OASIS Standards Version 1.5, Section 001-10

- Other BP that customers may want to review
 - Dynamic Schedule
 - Transmission Credits –Generator Large
 - On Demand Rights
 - Remote Resources and Remote Loads
 - Resale of Transmission Service
 - Conditional Firm Transmission Service



What services can and can not be Redirected to NF-SECONDARY HOURLY PTP

Allowed	Disallowed
LTF-YEARLY PTP	LTF-YEARLY IR
LTF-CF6 YEARLY PTP	LTF-YEARLY GF
LTF-CF7 PTP	LTF-YEARLY NT
STF-MONTHLY PTP	LTF-CF7 NT
STF-WEEKLY PTP	LTF-CF6 YEARLY NT
STF-DAILY PTP	F-DAILY LOSS RETURN
F-HOURLY PTP	NF-HOURLY NT
	NF-HOURLY PTP
	NF-HOURLY PTP EMERGENCY
	NF-INTRA HOURLY PTP
	NF-SECONDARY HOURLY PTP



Some Attributes of NF-SECONDARY HOURLY PTP service

ATTRIBUTE	VALUE
SERVICE_INCREMENT	HOURLY
TS_CLASS	SECONDARY
TS_TYPE	POINT_TO_POINT
TS_PERIOD	FULL_PERIOD
TS_WINDOW	FIXED
SUBCLASS	N/A
REQUEST TYPE	REDIRECT OR RELINQUISH
PRE-CONFIRMED	YES
NERC PRIORITY	1
PRICE	NO CHARGE



Other items that are good to know about NF-SECONDARY HOURLY PTP service

- Duration: Min. 1 Hr. , Max. 24 Hr.
- Follows the WECC Pre Schedule calendar
- Can reserve up to the end of the operating hour
 - YES! Customers can Redirect in hour to support Emergency and Intra Hourly service
- The Related Ref # for Request type Redirect is the Firm A-ref #.
- E-Tag with product 1-NS
- Supports Blanket e-tagging functionality
- ATC Firm impacts of the parent TSR is not released to the Firm market
 - WHY? Customers can Relinquish



Request Type Relinquish

■ What is it?

- A Transmission Service Request (TSR) that allows customer to return Available Capacity* to the firm parent reservation.
 - * Available Capacity is obtained by subtracting OASIS reduction impacts and schedule impacts from Original. Schedule impacts come from both CONFIRMED and pending schedules.
- A request type that may only be used with to NF-SECONDARY HOURLY PTP service.
- A Transmission Customer may submit a Relinquish TSR for part or all of Available Capacity of a NF-SECONDARY HOURLY PTP. CONFIRMED Relinquish requests will return demand back to the firm parent reservation.
- The NF-SECONDARY HOURLY PTP redirect TSR must be in a CONFIRMED state prior to relinquishing
- Validation will REFUSE Relinquish TSR that exceed Available Capacity.
- The Related Ref# for request type Relinquish is the NF-SECONDARY HOURLY PTP A-ref #.

How does the ATC calculation work?

- Example: FATC on the AC is 0MW and NFATC on the DC is 100 MW.
- Customer A: Redirects 10MW of their Confirmed LTF-Yearly, A-Ref 123456 to the DC using the service NF-Secondary Hourly PTP.
 - The Redirect TSR 7891011 on the DC is Confirmed for 10 MW.
 - FATC on the AC is still 0MW and the NFATC DC is 90MW.



Redirect and Relinquish TSR

REDIRECT

Transmission Reservation Detail 69799468 CONFIRMED

Customer Update | Create New TSR | Create Schedule | TransAssign | Print View | Audit

Seller	Source Sink	POR	Request Type	Start	Stop	MW Req	MW Grant	Bid Price	Offer Price	Ceiling Price	Price Unit
BPAT	BIGEDDY NOB	BIGEDDY NOB	REDIRECT	2009-10-07 00:00 PD	2009-10-08 00:00 PD	10	10	0.00	0.00	0.00	\$/MW-HOUR

Path: Service Code: NF-SECONDARY HOURLY PTP | Increment: HOURLY | Class: SECONDARY | Type: POINT_TO_POINT | Period: FULL_PERIOD | Window: FIXED | Subclass: | Preconfirmed: Yes | Competing: No | Negotiated: No | Nerc Priority: 1 | Affiliate: No

Start Date	Stop Date	MW	MW Req Grant	MWH	Bid Price	Offer Price
2009-10-07 00:00 PD	2009-10-08 00:00 PD	10	10	240.00	0.00	0.00
Profile Total: 240.00						

Status	Comments	Times	References
Queued		2009-10-06 13:32:51 PD	Deal
Updated		2009-10-06 13:38:01 PD	Sale 12345
Response			Posting
Request Reassigned			Seller
Related			69799468

Parent

RELINQUISH

Transmission Reservation Detail 69799469 CONFIRMED

Customer Update | Create New TSR | Create Schedule | Print View | Audit

Seller	Source Sink	POR	Request Type	Start	Stop	MW Req	MW Grant	Bid Price	Offer Price	Ceiling Price	Price Unit
BPAT	BIGEDDY NOB	BIGEDDY NOB	RELINQUISH	2009-10-07 02:00 PD	2009-10-07 10:00 PD	10	10	0.00	0.00	0.00	\$/MW-HOUR

Path: Service Code: NF-SECONDARY HOURLY PTP | Increment: HOURLY | Class: SECONDARY | Type: POINT_TO_POINT | Period: FULL_PERIOD | Window: FIXED | Subclass: | Preconfirmed: Yes | Competing: No | Negotiated: No | Nerc Priority: 1 | Affiliate: No

Start Date	Stop Date	MW	MW Req Grant	MWH	Bid Price	Offer Price
2009-10-07 02:00 PD	2009-10-07 10:00 PD	10	10	80.00	0.00	0.00
Profile Total: 80.00						

Status	Comments	Times	References
Queued		2009-10-06 13:37:18 PD	Deal
Updated		2009-10-06 13:38:01 PD	Sale 12345
Response			Posting
Request Reassigned			Seller
Related			69799468

Redirect

Profile Detail

Reservation [69799467](#) Profile Detail - CONFIRMED ORIGINAL
2009-10-05 11:00:00 to 2010-10-05 00:00:00

(2009/10/01 to 2009-11-01 00:00 PD)
 2009-10-27 13:23:07 PD

Provider AssignRef Time

Select Month

Assign Ref	Start-Stop Interval	AvailMW	GrantedMW	Bid	Offer
69799467	2009-10-05 11:00:00 to 2009-10-07 00:00:00 -	200	200	1312.0000	1312.0000
69799467	2009-10-07 00:00:00 to 2009-10-07 02:00:00 -	190	200	1312.0000	1312.0000
69799468				-10	CONFIRMED REDIRECT
				190	NET
69799467	2009-10-07 02:00:00 to 2009-10-07 10:00:00 -	200	200	1312.0000	1312.0000
69799468				-10	CONFIRMED REDIRECT
69799469				+10	CONFIRMED RELINQUISH
				200	NET

Profile Detail Shows Parent Reservation, Redirect and Relinquish



NF-HOURLY PTP EMERGENCY

There will be a change to the NF- HOURLY PTP EMERGENCY. On December 1, 2009 at 09:00 AM, this transmission service will go from a NERC Priority 2 to a NERC Priority 1.

This change is required to support the in-hour ATC management of the new transmission services:

- NF-Secondary Hourly PTP
- NF-Intra Hourly PTP



NF-INTRA HOURLY PTP

NF-INTRA HOURLY PTP is a new transmission service effective December 1, 2009 at 09:00 AM.

This transmission service was designed to support the Intra-Hour Scheduling Pilot Program (Phase I).

This service is for Transmission Customers that are acquiring new transmission to schedule wind exports within the hour.



Some Attributes of NF-INTRA HOURLY PTP service

ATTRIBUTES	VALUE
SERVICE_INCREMENT	HOURLY
TS_CLASS	NON-FIRM
TS_TYPE	POINT_TO_POINT
TS_PERIOD	FULL_PERIOD
TS_WINDOW	FIXED
SUBCLASS	SUB HOURLY
REQUEST TYPE	ORIGINAL
PRE-CONFIRMED	NO
NERC PRIORITY	1
PRICE	Primary Hourly Non-Firm PTP Transmission Service



Other items that are good to know about NF-INTRA HOURLY PTP service

- AKA: Sub Hourly, Within Hour
- Business Practice:
Intra-Hour Scheduling Pilot Program (Phase I)
- Request type: Original
- Only available to PTP Transmission Customers
- Can not be Redirected or Resold
- Duration of the TSR: Min/Max 1 hour
- TSR Max. lead time is 20 min. prior to the operating hour; Min. lead time is 15 min. after start of the operating hour



E-Tagging the new Transmission Services

NF-SECONDARY HOURLY PTP, NF-INTRA HOURLY PTP and NF-HOURLY PTP EMERGENCY transmission services require customers to Tag with a 1-NS product.

No new requirements/validations are required when tagging NF-Secondary Hourly PTP for future hours.

No changes were made to customers' or internal-BPA processes for Emergency tag types.

New validations/business rule were put in place to support Intra-Hourly (Sub Hourly) Tags.



E-Tags for Intra Hourly (Sub Hourly)

- Point of Receipt: Wind generators within BPA's BA
- Point of Deliver: Export (outside BPA's BA)
- E-Tag submittal window is the top of the hour thru 15 minutes after start of the operating hour.
- Type is typically Normal
- Can e-tag with PTP contract # or A-ref #.
- Only new e-Tag requests are allowed, no Adjustments or Extensions
- Start time is XX:30 of the current operating hour (bottom of the hour)
- Stop time is XX:00
- Start Ramp Duration: 10 (minutes)
- Stop Ramp Duration: Any



- **Training Schedule**
 - Session 1: 10/30/09 (Fri) 10:30 – 12:00
 - Session 2: 11/02/09 (Mon) 12:30 – 14:00
 - Session 3: 11/04/09 (Wed) 08:30 – 10:00
 - Session 4: *If needed*

- **Contacts**
 - **Help Desk (360)418-8499**
 - Danielle Johnson (360) 418-2463
 - Trish Munoz (360) 418-8251
 - Troy Simpson (Intra Hourly) (360) 418-8659

 - Email: etag@bpa.gov

Disclaimer: The material provided in this presentation does not modify or supersede the policies and procedures set forth in Transmission Services' Open Access Transmission Tariff, Business Practices or Bulletins

