

PREEMPTION COMPETITION MODULE TRAINING

September 2013



Table of Contents

Section	Page
1. PCM Definitions.....	3
2. Introduction.....	4
3. Key Takeaways.....	6
4. At Risk Defenders.....	7
5. Blocking Defenders.....	8
6. Competing Defenders (STF).....	11
7. Competing Defenders (NF).....	15
8. Preemption Competition Module BPAT Timing Settings.....	16
9. Notification of PCM Actions.....	22
10.PCM Request Evaluation Reports.....	23
11.Appendix.....	27

1. PCM Definitions

Competition – The process of awarding constrained capacity to either a Challenger or Defender where the Defender has ROFR rights.

Challenger – The request that initiates the Preemption & Competition Process.

Defender – The reservation or request that is subject to Preemption & Competition Process. Only PTP service can be a Defender. NT cannot be a Defender.

Bumping – A Defender without ROFR losing capacity to a Challenger. May occur when a non-confirmed PTP Request is Challenged by a pre-confirmed PTP Request OR when a Confirmed PTP TSR is challenged by a NT request.

Conditional Window – The window in which a Defender is susceptible to Competition or Preemption.

Unconditional Window – The window in which a Defender is safe from losing capacity from Preemption or Competition.

Unconditional Lead Time – The time prior to a defender's start of service when they will become safe from any challenger.

Challenge Window – The window in which a submitted TSR may be a Challenger.

Competition Lead Time – The time prior to the Challenger start of service, after which no new competitions will be started. Competitions in progress will be allowed to continue.

Competition Deadline – The time before a Challengers start of service where all Competitions will end and all involved TSRs will remain at their current state.

Product Submission Window – The maximum time before the start of service a TSR may be submitted depending on the product type.

Right of First Refusal (ROFR) – The ability of the holder of an existing reservation to modify its transmission reservation to match a competing request's characteristics in order to avoid preemption.

Match Deadline – The time limit a Defender has to act to accept a Matching TSR resulting from a competition.

A-List/At-Risk Defender - Not confirmed (pending) TSRs. Never has ROFR.

B-List/Blocking Defender - Confirmed TSRs. Has no ROFR relative to the Challenger.

C-List/Competing Defender – Confirmed TSRs. Has ROFR Relative to the Challenger.

2. Introduction

BPA Transmission use of the Preemption Competition Module is based on the standards set forth in NAESB Business Practice Standards and FERC Order 890. The basic assumption of the PCM module is that in low or zero ATC paths or flowgates, duration and product type of a TSR will be of a higher priority than Queue time.

The following NAESB guidelines will be used to determine priority in Preemption and Competition:

1. Service Increment – The product increments of Daily, Weekly and Monthly will be considered in priority. The higher the product increment, the higher the priority given.
2. Duration – A longer time period from start to stop of service will be given a higher priority than a shorter time period from start to stop.
3. Pre-Confirmation – To ensure the Customer is going to accept the service granted.
4. Price – Not used by BPAT for competitions
5. Submission Queue Time – Earlier Queue time stamp will be given priority over later.

The Scope of this training material deals only with the Short Term Firm and Non Firm markets. The Preemption and Competition of Long Term products are out of scope. This document will supplement BPA Business Practices and is intended for training and reference use only. This document will cover the basic scenarios of the Preemption and Competition Module (PCM). The examples used are of Original TSR creation. Resales are not subject to Preemption or Competition, so they are not covered. Confirmed

Redirects are subject to the same rules as Original requests. Pending redirects are only competed on capacity that comes from inventory and not from parent capacity. If a pending redirect is lost to competition, the parent will remain whole.

As outlined by NAESB in table 4-3 (S&CP 001-4.16), BPAT products will be given Preemption and ROFR rights depending on their priority in relation to the Challenger. Defender Conditional and Unconditional Windows, as well as Challenger Competition Lead Times and Deadlines are all dependant on their product type and what type of Competition they are entering. Defender Unconditional Windows may differ when challenged by Non-Firm Products, Short Term Firm products, or Network products.

Table A: Reservation Priority¹		
Defending Request or Reservation	Challenging Request	ROFR
Long-Term Firm PTP or NT	Not subject to preemption	NA
Conditional Short-Term Firm PTP Reservation	Pre-confirmed Long-Term Firm PTP or NT	No
Conditional Short-Term Firm PTP Reservation	Pre-confirmed Short-Term Firm PTP of longer duration	Yes
Pre-confirmed Short-Term Firm PTP Request	Pre-confirmed Short-Term Firm for longer duration	No
Not Pre-confirmed Short-Term Firm PTP Request	Pre-confirmed Short-Term Firm PTP of equal or longer duration	No
Conditional Short-Term Non-Firm PTP Reservation	Pre-confirmed Short-Term Non-Firm PTP of longer duration	Yes
Pre-confirmed Short-Term Non-Firm PTP Request	Pre-confirmed Short-Term Non-Firm PTP of longer duration	No
Not Pre-confirmed Short-Term Non-Firm PTP Request	Pre-confirmed Short-Term Non-Firm PTP of equal or longer duration	No
¹ This table sets forth the reservation priority for preemption in descending order. Therefore, challenging requests identified in higher rows can preempt defending requests or reservations identified in lower rows.		

For a preemption or competition process to be conducted, the following conditions must exist:

1. Defending requests or reservations must exist that hold significant capacity on a constrained path or flowgate. The Defender(s) must be either Pending or be Confirmed but fall within the conditional window for that product type.
2. A Challenging TSR must be requesting capacity for the constrained path or flowgate held by the Defender(s).

3. The Challenging TSR must be Pre-Confirmed, use a flat profile, and must be submitted prior to the Competition Lead Time.
4. The Challenger and Defender(s) must overlap in the time period where the Defenders' capacity can be used to meet the Challenger's need.
5. The Challenger must have a higher priority or longer duration than any identified Defender(s).
6. One or more Defenders must be available to provide a full offer to the Challenger. If a full grant is not possible with all available Defenders, then a preemption or competition will not be conducted.

If a preemption or competition opportunity is not identified based on the above conditions, then the Challenging TSR will be evaluated based on available ATC inventory and be either Refused or given a Counter-offer accordingly.

Note: The OATI system screenshots included in this document are proprietary and not to be used outside the context of this document. Do not distribute without specific authorization from OATI.

3. Key Takeaways

Customers are responsible for their own TSRs and any E-Tags using that capacity. Customers are responsible for ensuring that their E-Tags always have TSRs with valid capacity in the event that a confirmed tag's TSR loses a competition. Failure to do so may result in UIC.

Customers can avoid being a Challenger or a Defender if they remain aware of the rules of PCM, Unconditional Windows, and Competition Lead Times.

To avoid being a Defender:

1. Submit TSRs as Pre-Confirmed.
2. Submit TSRs within the Unconditional Window for the specified product type.
3. Submit TSRs for the entire length of service allowed for the specified product type.
4. When possible, use the longest duration service type possible.

To avoid being a Challenger:

1. Submit TSR's as not Preconfirmed.
2. Submit TSR's after the Competition Lead Time.

4. At-Risk Defenders (Bumping a Pending TSR)

If a PTP TSR is submitted as non-Preconfirmed or is in a non-Confirmed state, the entire TSR may be Bumped and Superseded without ROFR if a Pre-Confirmed TSR is submitted of an equal or greater duration or equal or greater product type (Longer duration PTP product or any NT product). A Preconfirmed request in a non-confirmed state may also be Bumped and Superseded by a longer duration product type. In scenarios where an At-Risk Defender is Bumped, the Defending TSR will be set to a Superseded state and no confirmed capacity will be awarded. Challengers of At-Risk Defenders are subject to Competition Lead Times. A Bumping action will not be taken if the Challenger is submitted after their product’s Competition Lead Time.

Example: A TSR is entered non-Preconfirmed and is in a non-confirmed status. This TSR is for 30mw and brings the path to 20mw

Assign Ref ↑	Request Type	TP	Customer	MW Req	MW Grant	POR	POD	Service	Increment	Type	Status	Preconfirmed	Sale Ref
69813192	ORIGINAL	BPAT	APSE	30		NOB	BIGEDDY	STF-DAILY PTP	DAILY	POINT_TO_POINT	QUEUED	NO	12345
69813192	ORIGINAL	BPAT	APSE	30	30	NOB	BIGEDDY	STF-DAILY PTP	DAILY	POINT_TO_POINT	ACCEPTED	NO	12345

In this example, if a TSR of equal or longer duration or a larger product type is entered Pre-Confirmed, the non-confirmed TSR will be superseded completely by the Challenging TSR. For At-Risk Defenders, if a 25mw TSR of the same product type and same duration is entered Pre-Confirmed it will Bump and Supersede the entire non-Confirmed TSR with no ROFR. In other scenarios, a Pre-Confirmed pending request can be Bumped and Superseded by a longer term Pre-Confirmed request.

First the Defending TSR will be Superseded and the Challenging TSR will be placed in Received status.

Assign Ref ↑	Request Type	TP	Customer	MW Req	MW Grant	POR	POD	Service	Increment	Type	Status	Preconfirmed	Sale Ref
69813193	ORIGINAL	BPAT	APSE	25		NOB	BIGEDDY	STF-DAILY PTP	DAILY	POINT_TO_POINT	RECEIVED	YES	12345
69813192	ORIGINAL	BPAT	APSE	30	30	NOB	BIGEDDY	STF-DAILY PTP	DAILY	POINT_TO_POINT	SUPERSEDED	NO	12345

The Challenger will then resolve to a Confirmed state

Assign Ref ↑	Request Type	TP	Customer	MW Req	MW Grant	POR	POD	Service	Increment	Type	Status	Preconfirmed	Sale Ref
69813193	ORIGINAL	BPAT	APSE	25	25	NOB	BIGEDDY	STF-DAILY PTP	DAILY	POINT_TO_POINT	CONFIRMED	YES	12345
69813192	ORIGINAL	BPAT	APSE	30	30	NOB	BIGEDDY	STF-DAILY PTP	DAILY	POINT_TO_POINT	SUPERSEDED	NO	12345

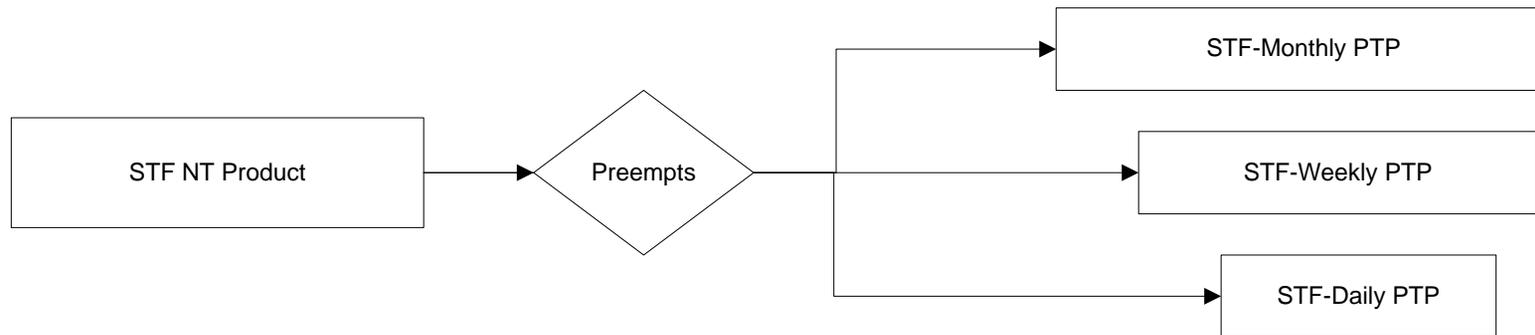
The Defending Superseded TSR will display a message identifying the Challenger

Comments		Times		References	
Status		Queued	2013-01-25 13:14:43 PS	Deal	
Seller	Request SUPERSEDED to accommodate Challenger 69813193.	Updated	2013-01-25 13:16:49 PS	Sale	12345
Provider		Response	2013-01-25 15:15:20 PS	Posting	
Customer				Request	
Impacted	0			Reassigned	
Provisions				Seller	
Provider Approval				Related	

There is no follow up action needed by the Challenger.

5. Blocking Defenders (Confirmed Firm PTP Defending Firm NT Challenges)

Any STF NT request submitted before its Competition Lead Time may Preempt (Bump) all or part of a Conditional STF PTP reservation if the STF PTP TSR has capacity that the STF NT TSR needs to be Confirmed.



Confirmed STF PTP products in their Conditional Window are susceptible to Preemption by NT Challengers. Blocking Defenders will be STF PTP reservations in their Conditional Window that may be Preempted by STF NT requests of any duration and any product type. In these cases all or a portion of a Defender needed by the Challenger will be taken via a Recall TSR, allowing the Challenger to be Confirmed. The Defenders original TSR will remain Confirmed with any capacity remaining after the Recall.

Example: A 50mw STF Daily PTP reservation has brought ATC to 0mw available on a path for a day.

Assign Ref ↑	Request Type	TP	Customer	MW Req	MW Grant	POR	POD	Service	Increment	Type	Status	Preconfirmed	Sale Ref
69813043	ORIGINAL	BPAT	APSE	50	50	BC.US.BORDER	BPAPOWER	STF-DAILY PTP	DAILY	POINT_TO_POINT	CONFIRMED	YES	12345

A 40mw STF Weekly NT TSR is entered for a time period including the same day as the 50mw STF Daily PTP. The Daily PTP is now blocking the NT Challenger and the Challenger will Preempt the portion it needs from the Defender. A Confirmed Recall TSR will remove 40mw from the Defending TSR and the Challenging STF NT TSR will be in Received status until it is automatically reevaluated and becomes Confirmed. The Defending TSR will have no external identification that a portion of the capacity was Recalled but there will be messages within the TSR that identify the Recall amount. The Recall reservation will have the Defender Aref listed as the Related Ref.

Assign Ref ↑	Request Type	TP	Customer	MW Req	MW Grant	POR	POD	Service	Increment	Type	Status	Preconfirmed	Sale Ref
69813046	RECALL	BPAT	APSE	40	40	BC.US.BORDER	BPAPOWER	STF-DAILY PTP	DAILY	POINT_TO_POINT	CONFIRMED	YES	12345
69813045	ORIGINAL	BPAT	APSE	40	40	BC.US.BORDER	BPAPOWER	STF-WEEKLY NT	DAILY	NETWORK	CONFIRMED	YES	54321
69813043	ORIGINAL	BPAT	APSE	50	50	BC.US.BORDER	BPAPOWER	STF-DAILY PTP	DAILY	POINT_TO_POINT	CONFIRMED	YES	12345

The Defending TSR will have the following message identifying the Challenger

Comments	
Status	
Seller	Reservation without ROFR was RECALLED to accommodate Challenger 69813045.
Provider	
Customer	
Impacted	0
Provisions	
Provider Approval	
SIS	NO

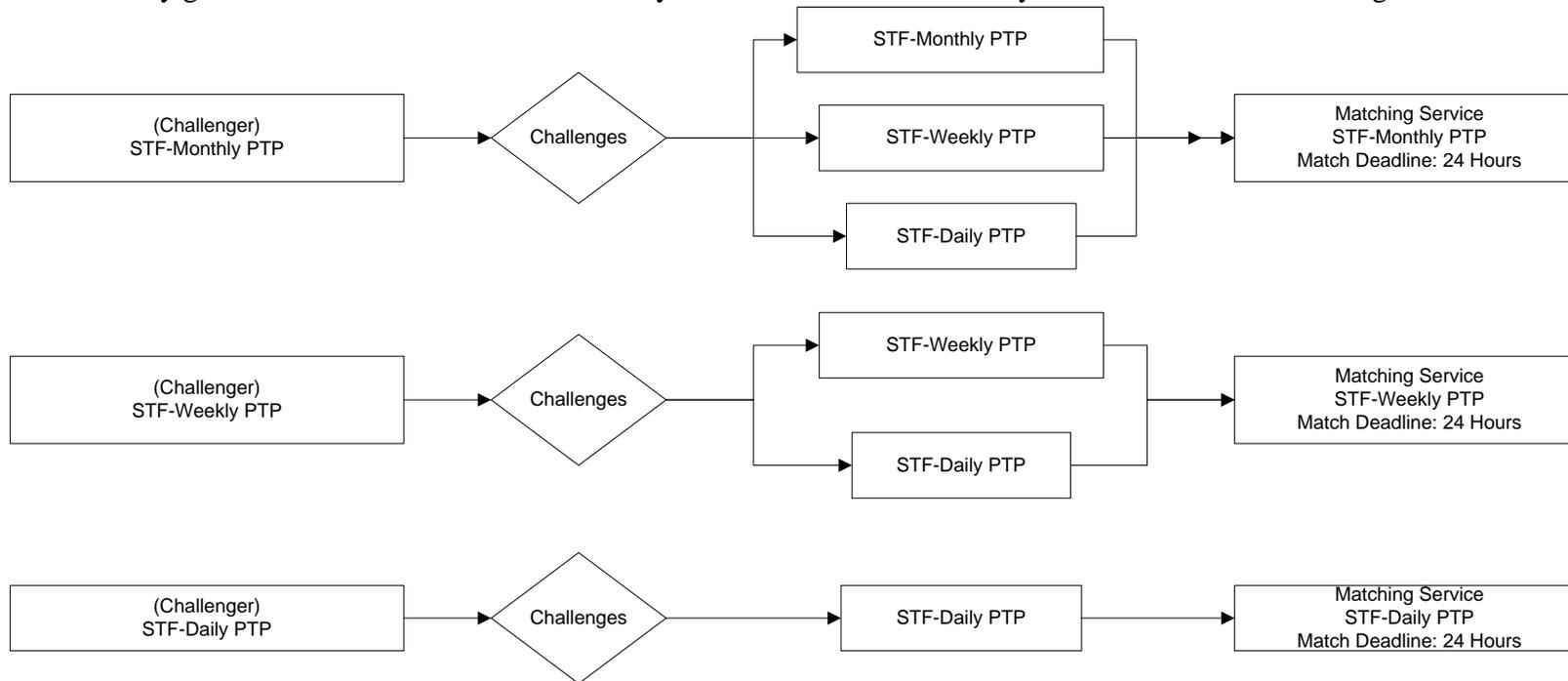
The Recall TSR will have a message identifying the Preempting TSR and the original Defender in the Related field.

Comments		Times		References	
Status		Queued	2013-01-17 15:24:56 PS	Deal	
Seller	RECALL to accommodate Challenger 69813045.	Updated	2013-01-17 15:40:52 PS	Sale	12345
Provider		Response	2012-01-17 15:24:52 PS	Posting	
Customer				Request	
Impacted	0			Reassigned	
Provisions				Seller	
Provider Approval				Related	69813043
SIS	NO				

The actions during Blocking Defender scenarios are automated and do not require manual action. The Challenger is awarded full capacity while the Defender is left with their original TSR minus the Recall amount. The owner of the Defending TSR is **responsible for any E-Tags that may be scheduled using capacity that has been Recalled and must either Correct, Terminate or Cancel their E-Tag to prevent UIC**, or submit a new TSR for the needed capacity and Correct or Adjust their previously submitted tag (if applicable).

6. Competing Defenders (Confirmed STF PTP Defending STF PTP Challengers)

STF PTP Products may challenge each other for constrained capacity according to Product Type, Duration, and submission time. PTP Defenders can exercise ROFR to match the duration of the PTP Challenger. Matching TSRs will extend from the Defender's original start time to match the length of service needed to equal the duration and product type of the Challenger. Matching TSRs will be automatically generated and will need to be manually Confirmed or Withdrawn by the owners of the defending TSR within 24 hours.



Challenger and Defender Timelines are dependent on their product Submission Window, the Defenders Unconditional Window and the Challengers Competition Lead Time. Challengers submitting valid TSRs within a Defenders Conditional Window will enter into a competition. Defenders wishing to exercise ROFR will have 24 hours to do so. If the competition continues up to the Competition Deadline of the Challenger, the competition will end and each TSR will remain in their current state.

Example: A 350mw 1 day STF Daily PTP TSR is submitted within its Conditional Window and Confirmed bringing ATC on a path to 50mw.

Assign Ref ↑	Request Type	TP	Customer	MW Req	MW Grant	POR	POD	Service	Increment	Type	Status	Preconfirmed	Sale Ref
69813733	ORIGINAL	BPAT	APSE	350	350	NOB	BIGEDDY	STF-DAILY PTP	DAILY	POINT_TO_POINT	CONFIRMED	YES	12345

A 100mw 2 day STF Daily PTP TSR is submitted which will challenge the Defending TSR for 1 day of 50mw of the Defender's capacity. When the Challenger is submitted, it will be placed in Received status. A Recall TSR will be automatically submitted and confirmed removing the competed capacity from the Defender. A Matching TSR for the original Defenders mw extended plus the mw amount of the Recall extended to the duration of the Challenger will be automatically created and placed in Counteroffer status.

Assign Ref ↑	Request Type	TP	Customer	MW Req	MW Grant	POR	POD	Service	Increment	Type	Status	Preconfirmed	Sale Ref
69813736	MATCHING	BPAT	APSE	350	350	NOB	BIGEDDY	STF-DAILY PTP	DAILY	POINT_TO_POINT	COUNTEROFFER	YES	12345
69813735	RECALL	BPAT	APSE	50	50	NOB	BIGEDDY	STF-DAILY PTP	DAILY	POINT_TO_POINT	CONFIRMED	YES	12345
69813734	ORIGINAL	BPAT	APSE	100		NOB	BIGEDDY	STF-DAILY PTP	DAILY	POINT_TO_POINT	RECEIVED	YES	12345
69813733	ORIGINAL	BPAT	APSE	350	350	NOB	BIGEDDY	STF-DAILY PTP	DAILY	POINT_TO_POINT	CONFIRMED	YES	12345

The Defending TSR will identify its Challenger in the comments section of the TSR Summary, and have the Competing flag set to "Y". The Defending TSR will show the amount Recalled in the Reduction Details. The Recall TSR will have the Defending TSR in the Related Ref field.

The Defending TSR:

Seller	Source Sink	POR POD	Request Type	Start	Stop	MW Req	MW Grant	Bid Price	Offer Price	Ceiling Price	Price Unit
BPAT		NOB BIGEDDY	ORIGINAL	2013-02-23 00:00 PS	2013-02-24 00:00 PS	350	350	60.00	60.00	60.00	\$/MW-DAY
Path:											
Service Code		Increment	Class	Type	Period	Window	Subclass				
STF-DAILY PTP		DAILY	FIRM	POINT_TO_POINT	FULL_PERIOD	EXTENDED					
Preconfirmed: Yes			Competing: Y		Negotiated:		Nerc Priority: 7		Affiliate: No		

Reservation Profile						
Start Date	Stop Date	MW Req	MW Grant	MWH	Bid Price	Offer Price
2013-02-23 00:00 PS	2013-02-24 00:00 PS	350	350	8400.00	60.00	60.00
Profile Total: 8400.00						

Comments		Times	References
Status		Queued	2013-02-19 08:05:05 PS Deal
Seller	Capacity with ROFR has been RECALLED to accommodate Challenger 69813734. MATCHING and RECALL requests	Updated	2013-02-19 08:07:57 PS Sale 12345
Provider		Response	Posting
Customer			Request
Impacted	1	Last Customer Action	2013-02-19 08:07:57 PS Reassigned
Provisions		Last Seller Action	2013-02-19 08:05:43 PS Seller
Provider Approval			Related
SIS	NO		

The Challenging TSR has a message identifying its Defender.

Comments	
Status	
Seller	Waiting on defenders: 69813250 -> Partial service is available. Waiting on defenders: 69813250 ->
Provider	
Customer	
Impacted	0
Provisions	
Provider Approval	
SIS	NO
Status Notification	

The Matching TSR has a message identifying the Competition and the Challenger and has a Related Ref of the original Defending TSR.

Comments		Times	References
Status		Queued	2013-02-19 08:07:52 PS Deal
Seller	Confirm this MATCHING request to exercise ROFR and match Challenger AREF 69813734. Withdraw to decline	Updated	2013-02-19 08:07:52 PS Sale 12345
Provider		Response	2013-02-20 08:07:48 PS Posting
Customer			Request
Impacted	0		Reassigned
		Last Seller Action	2013-02-19 08:07:52 PS Seller
Provisions			Related 69813733
Provider Approval			
SIS	NO		

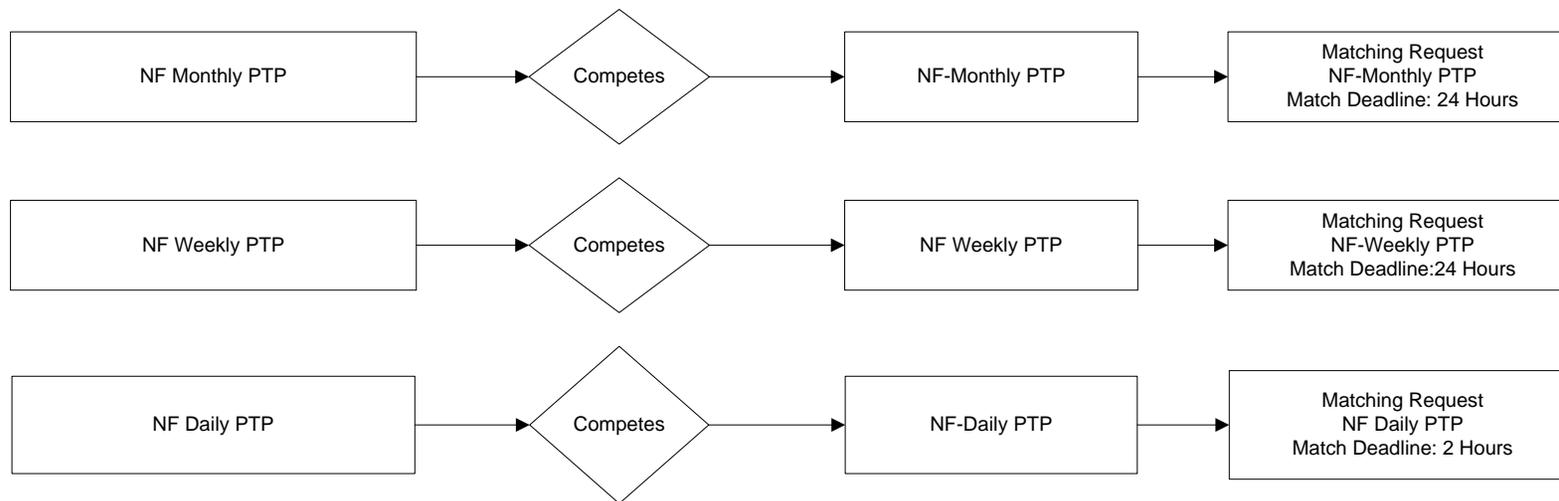
The Defender owner must Confirm Matching TSR within the 24 hour decision window. If the owner does not want the Matching TSR, they can Withdraw the Counteroffer at which time the Challenging TSR will be automatically Confirmed. If the owner Confirms the Matching TSR, the TSR will go confirmed and the Challenger will be Counteroffered or Refused depending on remaining ATC. An additional Recall TSR will be created to Recall the remaining capacity of the original Defender.

Assign Ref ↑	Request Type	TP	Customer	MW Req	MW Grant	POR	POD	Service	Increment	Type	Status	Preconfirmed	Sale Ref
69813737	RECALL	BPAT	APSE	300	300	NOB	BIGEDDY	STF-DAILY PTP	DAILY	POINT_TO_POINT	CONFIRMED	YES	12345
69813736	MATCHING	BPAT	APSE	350	350	NOB	BIGEDDY	STF-DAILY PTP	DAILY	POINT_TO_POINT	CONFIRMED	YES	12345
69813735	RECALL	BPAT	APSE	50	50	NOB	BIGEDDY	STF-DAILY PTP	DAILY	POINT_TO_POINT	CONFIRMED	YES	12345
69813734	ORIGINAL	BPAT	APSE	100	50	NOB	BIGEDDY	STF-DAILY PTP	DAILY	POINT_TO_POINT	COUNTEROFFER	YES	12345
69813733	ORIGINAL	BPAT	APSE	350	350	NOB	BIGEDDY	STF-DAILY PTP	DAILY	POINT_TO_POINT	CONFIRMED	YES	12345

Regardless of whether the Defender Confirms or Withdraws the Matching TSR, their original TSR will still have recalled capacity and a new TSR will hold the competed capacity. *Any tags associated with that TSR using the recalled capacity must either be corrected or canceled.*

7. Competing Defenders (NF PTP Challenging a NF PTP Defender)

Non-Firm Products may Challenge only the same product type. Matching TSRs generated as a result of a competition will be extended from the Defenders original start time to match the duration of the Challenger. Matching TSRs will need to be manually accepted or denied by the owner of the defending TSR within 24 hours for Non-Firm Weekly or Monthly defenders and within 2 hours for Non-Firm Daily Defenders. Non-Firm Competitions will have identical actions to PTP Competitions in OASIS.



8. Preemption and Competition Module Timing

BPAT will be enabling a Business Calendar and Business day system configuration that will only allow Preemptions and Competitions to be initiated during business days and during hours convenient for all BPA customers on both the East and West coasts. This timing setup will give Defending customers time during a business day to identify and respond to Preemption and competition scenarios. This timing scheme will also allow Customers to re-submit TSRs for lost capacity and, if needed, to arrange for different TSRs for E-Tags already confirmed.

This Graphic of a Daily Challenger shows the Business Days that the module will be active (full examples located in BPAT Business Practices). During inactive times, PCM will hold Challenging and Defending TSRs in a Queued status so that Competitions and Preemptions can be played out while there are customers available to make decisions. Here, PTP and NT Challengers will not start a competition after their inactive time and will wait until that time period is over to begin a competition.

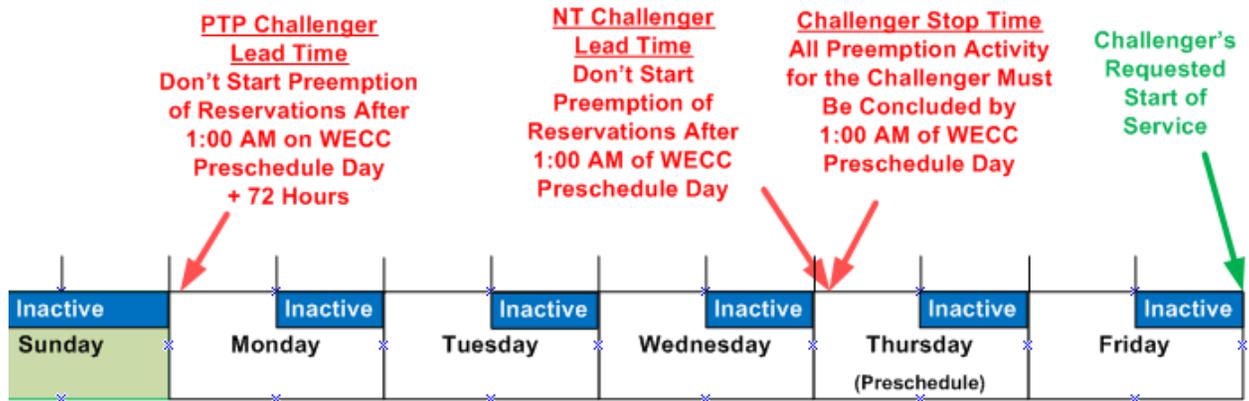
If a competition is already in progress for a given constrained path or flowgate, the subsequent requests for that same capacity will go on-hold until the first competition has been completed. Once the first competition is completed, and if the PCM automation is active, the next competition (by queue time) will be released from hold and a new competition will be initiated. Later queued requests that

do not need the constrained path or flowgate are not impeded by the ongoing competition; these TSR's will continue to be processed and acted upon as usual.

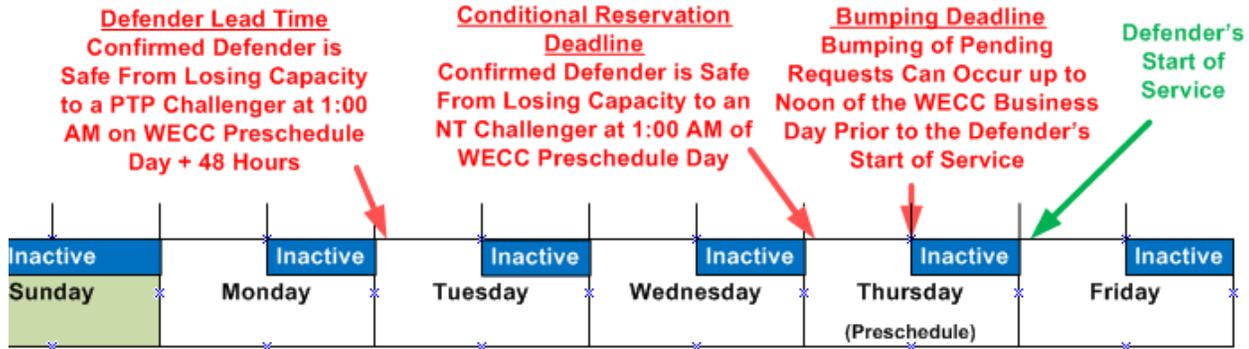
Once a Challenging TSR is on-hold awaiting a prior competition to complete, the customer may not Withdraw the request or otherwise skip the competition. The only way to skip a competition for constrained capacity is to submit your request after the Competition Deadline or to submit your request with Pre-Confirm = No. In such cases, your request will not initiate a preemption or competition. Instead, you will be given a Counter-offer or Refused depending on ATC available at that time.

Preemption Automation Window

Daily Firm Challengers

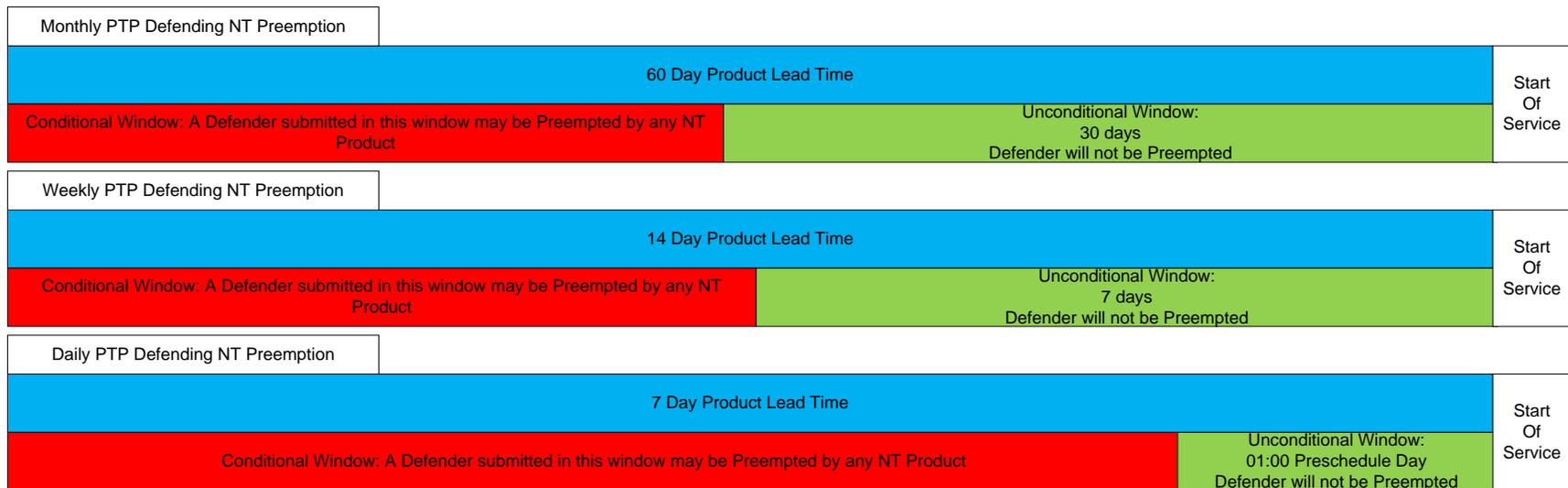


Daily Firm PTP Defenders



The timing schemes for Defenders and Challengers are based on product type. Below are graphics displaying the different lead times for different products acting as challengers or defenders.

Blocking PTP Defenders have the following lead times:



NT Products Competition Lead Times:



Competing PTP Defenders have the following lead times:

Monthly STF PTP Defender vs. PTP Challenger	60 Day Product Lead Time		Start Of Service
Day Conditional Window: Defenders submitted in this window are susceptible to Competition	35 Day Unconditional Window: Defenders submitted in this window will not enter a Competition		
Weekly STF PTP Defender vs. PTP Challenger	14 Day Product Lead Time		Start Of Service
Conditional Window: Defenders submitted in this window are susceptible to Competition	9 Day Unconditional Window: Defenders submitted in this window will not enter a Competition		
Daily STF PTP Defender vs. PTP Challenger	7 Day Product Lead Time		Start Of Service
Conditional Window: Defenders submitted in this window are susceptible to Competition	01:00am Preschedule Day + 48 Hours Unconditional Window: Defenders submitted here will not enter a Competition		

PTP Challengers have the following Lead Times:

PTP Challenger	Day Product Lead Time		Start Of Service
Competition Window: Challengers submitted in this window will initiate a Competition	1:00 AM Preschedule Day + 72 Hours Competition Lead Time: Competitions will resolve but not begin in this window	Competition Deadline: Preschedule Day +24 Hours All Competitions will end	

Non-Firm Competing Defenders have the following lead times:

Daily NF Product Defending a NF Challenger	Product Lead Time		Start Of Service
Conditional Window: Defenders submitted here may be Competed	Unconditional Window 1:00am Preschedule Day + 24 Hours		

Weekly NF Defending Weekly NF	14 Day Product Lead Time		Start Of Service
	Conditional Window: Defenders submitted here may be Competed	Unconditional Window 1:00am Preschedule Day + 48 Hours	

Monthly NF Defending Monthly NF	Product Lead Time		Start Of Service
	Conditional Window: Defenders submitted here may be Competed	Unconditional Window 1:00am Preschedule Day + 48 Hours	

NF Challengers have Competition Lead Times based on product type:

Monthly NF Challenger	60 Day Product Lead Time		Start Of Service
	Competition Window: Challengers submitted in this window will begin a Competition	Competition Lead Time: 01:00am Preschedule Day + 72 Hours Competitions will resolve but not begin	

Weekly NF Challenger	14 Day Product Lead Time		Start Of Service
	Competition Window: Challengers submitted in this window will begin a Competition	Competition Lead Time: 01:00am Preschedule Day + 72 Hours Competitions will resolve but not begin	

Daily NF Challenger	7 Day Product Lead Time		Start Of Service
	Competition Window: Challengers submitted in this window will begin a Competition	Competition Lead Time: 01:00 Preschedule Day + 48 Hours Competitions will resolve but not begin	

9. Notification of PCM Action

Customers with Defending or Challenging TSRs can be notified by attaching their email address to their TSRs, by configuring email notifications for all TSR status changes, by monitoring for Recall TSRs, monitoring for Competition check flags, and finally by monitoring Portfolio Manager (if applicable).

Attaching emails to TSRs can be accomplished by entering the preferred email into the Notification field when a customer creates a TSR.



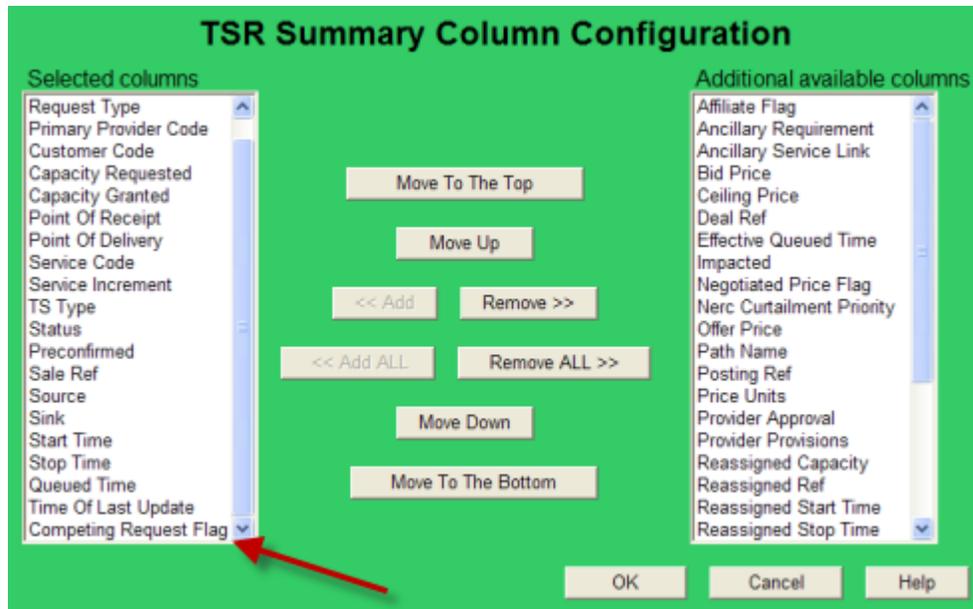
The screenshot shows a web form with two main sections. The top section is labeled 'Comment' and has a text input field. The bottom section is labeled 'Status Notification' and contains a dropdown menu with 'mailto:' selected, followed by a text input field for an email address.

Configuring all TSR status changes can be accomplished under the User tab in OASIS, finding the user submitting TSRs, and entering the preferred email and checking “Email Tabular”



The screenshot displays the configuration options for a user in OASIS. It includes a section for 'Selected Providers' with checkboxes for BPAT, FMFA, and LKET. The 'Notification Method' section has radio buttons for E-MAIL S&CP, E-MAIL Revised, E-MAIL Tabular (selected), HTTP, and HTTPS. The 'Notification Address' field is set to 'mailto:' followed by an empty input field. The 'Notification Types' section has checkboxes for TSR Updates and Security Limits, both of which are checked.

Recall TSRs can be monitored by searching the Reservation Queue for Recall type TSRs. Researching the Related Ref field of a Recall TSR can show a customer if their TSR has had capacity recalled as a result of a Preemption or Competition. Enabling the Competing Request Flag column in OASIS can show a customer if their TSR has been involved in a Competition. Please note that this flag is only set to “Y” when a Competition has been initiated, it is not set to “Y” during a Preemption or Supersede action.



Customers actively monitoring Portfolio Manager will be able to view changes in their TSR's available capacity then research further to determine if that change was a result of a Preemption or Competition action.

10. PCM Request Evaluation Reports

The Request Evaluation Report is under the AFC/Flowgate Reports tab

AFC/Flowgate Reports

BPAT ▼

Scenario Analyzer	Request Evaluations
AFC Initialization Impacts	ATC Initialization Impacts
Equivalent ATC/TTC	

Close

Filtering for CalcType-PCM will produce a list of Preemption and Competition Module reports. A report will be generated for every Short Term Competition action. Multiple reports may be written for each scenario when a re-evaluation is initiated by an action

against a TSR. The initial (earliest Evaluation Date) report will give the user the initial evaluations used by the system and the clearest understanding of the actions involved.

Request Evaluation Viewer

Provider AssignRef Enter
 CalcType Time Enter

Selected time range: 2013-03-10 00:00:00 PS to 2013-03-10 23:59:59 PD

Provider	AssignRef	Evaluation Date ↑	Customer	POR	POD	SOURCE	SINK	NERC_PRIORITY	Start	Stop	CalcType
BPAT	69814052	2013-03-10 09:32:37 PS	APSE	NOB	BIGEDDY			7	2013-03-13 23:00:00 PS	2013-03-15 23:00:00 PS	PCM

Opening the Aref hyperlink will produce the Request Evaluation Report. The Request Evaluation Report details the metrics used by the Preemption Competition Module to determine Short Term Competition actions. Included is information regarding length of service, request status, Preconfirmation status, and defender type. The report also includes the ATC and AFC calculations used in performing the Short Term Competition action.

Request Evaluation Detail

The results below are reported in the Transmission Provider's prevailing time zone.

Evaluation Id	Provider	AssignmentRef	Customer	POR	POD	Source	Sink	NERC Priority	Start	Stop	Result	Calc. Type
86462	BPAT	69814052	APSE	NOB	BIGEDDY			7			Fail	PCM

1

Provider	Assignment Ref	Queued Time	Status	POR	POD	Source	Sink	Priority	Price	Start	Stop	Duration	Service	Pre-Confirmed	Rank	Type	Action
BPAT	69814051	2013-03-10 10:18:08	Confirmed	NOB	BIGEDDY			7	6000.00	2013-03-14	2013-03-15	1D	STF-DAILY PTP	Yes	1	Competing	Compete
BPAT	69814050	2013-03-10 10:16:57	Confirmed	NOB	BIGEDDY			7	6000.00	2013-03-14	2013-03-15	1D	STF-DAILY PTP	Yes	1	Competing	None
BPAT	69814049	2013-03-10 10:12:34	Confirmed	NOB	BIGEDDY			7	6000.00	2013-03-14	2013-03-15	1D	STF-DAILY PTP	No	1	Competing	None
BPAT	69814052	2013-03-10 10:25:04	Queued	NOB	BIGEDDY			7	6000.00	2013-03-14	2013-03-16	2D	STF-DAILY PTP	Yes	1	Challenger	

Profile	2013-03-14 Capacity	2013-03-15 Capacity
69814051	100.00	-
69814050	100.00	-
69814049	100.00	-
69814052	100.00	100.00
ATC for DC_S=N	-20.00	150.00
Initial Offer	80.00	100.00
Pending Offer	80.00	100.00
Recall 69814051	20.00	-
Match 69814051	100.00	20.00
Committed Offer	100.00	100.00

2

3

1. Type of Defender (Competing, Blocking, At-Risk) and Action taken. Compete – PTP vs. PTP Competition, Recall – NT vs. PTP Preemption, Supersede – Non-Confirmed TSR Superseded.
2. Profile of Defenders and Challenger and ATC or AFC of the disputed path or flowgate. Negative ATC/AFC will be the amount being competed.
3. Recall and Matching Requests issued.

11. Appendix

Examples of potential PCM Actions:

Blocking Defender – PTP superseded by NT

A 5 day STF Daily PTP TSR is submitted and passes validations and is set to Confirmed. This brings the ATC of a path or flowgate to 0mw.

Defender: Confirmed STF Daily PTP 50mw										
Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday

This TSR is now susceptible to Bumping until 01:00 of the preschedule day (Monday) when the Unconditional Window begins and the TSR is safe from Bumping.

				Unconditional Window 01:00 Preschedule Day	Defender: Confirmed STF Daily PTP 50mw						
Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	

Since capacity is at 0, the STF Daily TSR is susceptible for Bumping by any or all of its capacity for any day for any type of STF NT Product. If a STF NT Daily TSR is Queued for the same three days as the STF PTP TSR, a Preemption scenario may be valid.

					Unconditional Window 01:00 Preschedule Day	Defender: Confirmed STF Daily PTP 50mw					
Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
							Challenger: STF Daily NT 25mw				

To be a valid Challenger, the STF Daily NT TSR must be submitted before both the Unconditional Window of the Defender as well as the Competition Lead Time of the Challenger, in this case the Competition Lead Time is the Preschedule day. Bumping will not take place after the Competition Lead Time is reached

					Unconditional Window 01:00 Preschedule Day	Defender: Confirmed STF Daily PTP 50mw					
Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
						Competition Lead Time	Challenger: STF Daily NT 25mw				

Since both the Defenders Unconditional Window and the Challengers Competition Lead Time must be taken into account, the STF NT Challenger must be Submitted between Wednesday (the maximum Product Lead Time) and Monday at 01:00.

					Unconditional Window 01:00 Preschedule Day	Defender: Confirmed STF Daily PTP 50mw					
Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Competition Window						Competition Lead Time	Challenger: STF Daily NT 25mw				

If the STF Daily NT TSR is submitted within the Competition Window it will Recall what it needs from the STF Daily PTP product and become Confirmed. In the below example, a 25mw Recall TSR will be created reducing the 50mw STF PTP TSR to 25mw for Wednesday, Thursday and Friday. The Challenger will be Confirmed with his full requested service.

							Recall 25mw			
							Defender: Confirmed STF Daily PTP 50mw			
Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday				
							Challenger: STF Daily NT 25mw			

Competing Defender – PTP Defending against PTP Challenger

Example:

A 3 day STF Daily PTP TSR is submitted and Confirmed within its Conditional Window and the ATC of the affected path becomes 0.

Conditional Window			Preschedule + 72 Hours Unconditional Window				3 Day 100 MW		
Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday

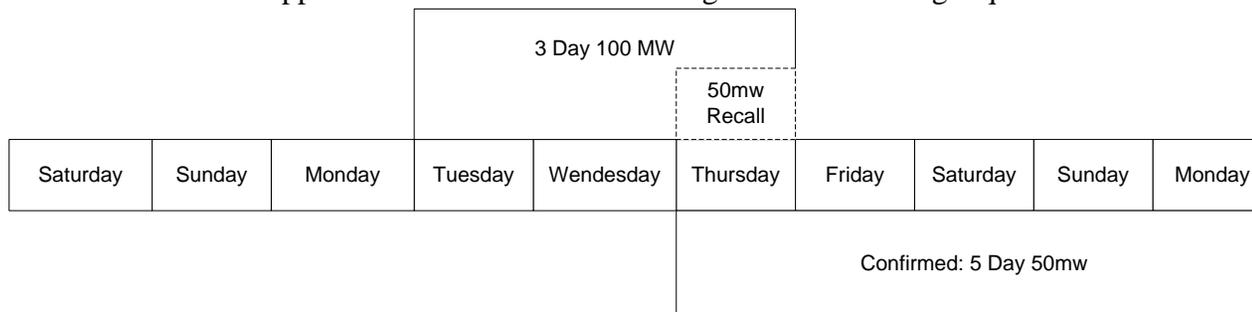
If ATC is 0 on this TSR's path on Thursday, a 5 day 50mw STF Daily PTP TSR may challenge this defender.

Conditional Window			Preschedule + 72 Hours Unconditional Window				3 Day 100 MW						
Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday
										5 Day 50mw			

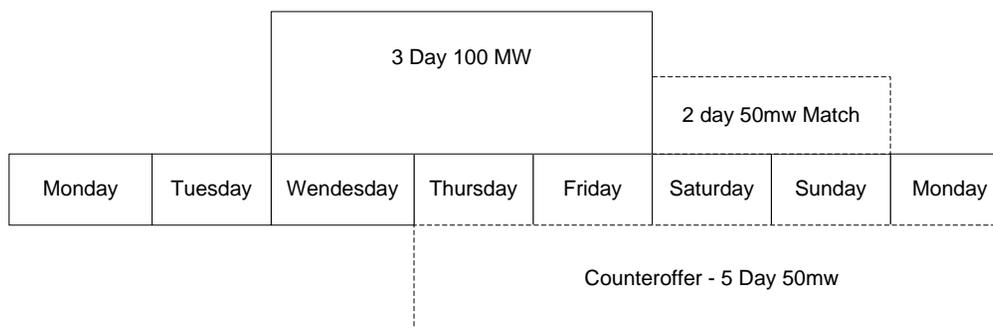
The Challenging STF Daily PTP TSR has a Competition Lead Time of 72 hours prior to 1:00 am of the preschedule day and a Competition Deadline of the beginning of the preschedule day. In this example, the challenger must be submitted within the first two days of its STF Daily Lead Time due to the Unconditional Window of the Defender.

Conditional Window			Preschedule +72 Hours Unconditional Window				3 Day 100 MW						
Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday
		Challenge Window	Preschedule + 72 Hours Competition Lead Time				Competition Deadline: Start of Preschedule Day	5 Day 50mw					

If the Defender is confirmed within its Conditional Window and the Challenger is submitted Pre-Confirmed within the Challenge window, the resulting competition will begin. The Challenger will be set to Received status and a Recall TSR will be created for the 50mw of the Defenders Thursday capacity. At the same time a Matching TSR will be created and set in Counteroffer status for the Defenders original capacity plus two days at 50mw. The Defender will have 24 hours to Confirm or Withdraw the Matching Counteroffer. If the Defender Withdraws the Matching TSR, it will resolve to a Withdrawn state and the Challenging TSR will turn to Confirmed. The same will happen if the Defender chooses to ignore the matching request and the allotted time expires.



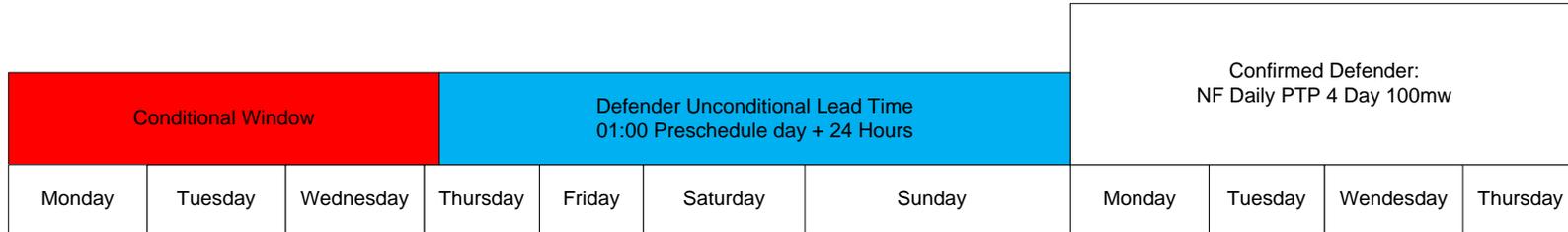
If the Defender chooses to exercise ROFR and Confirm the matching counteroffer, the Matching TSR will turn Confirmed and the Challenging TSR will be Counteroffered with the remaining ATC available for the original request.



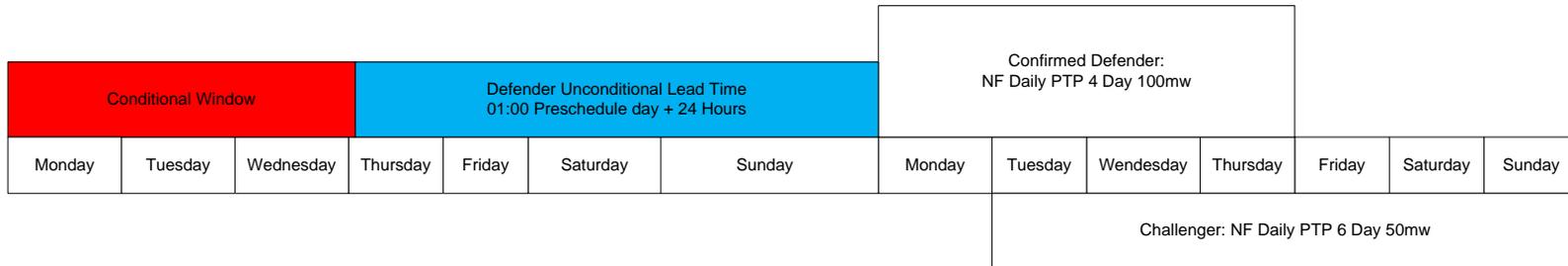
Competing Defender – NF Defending a NF Challenger

Example:

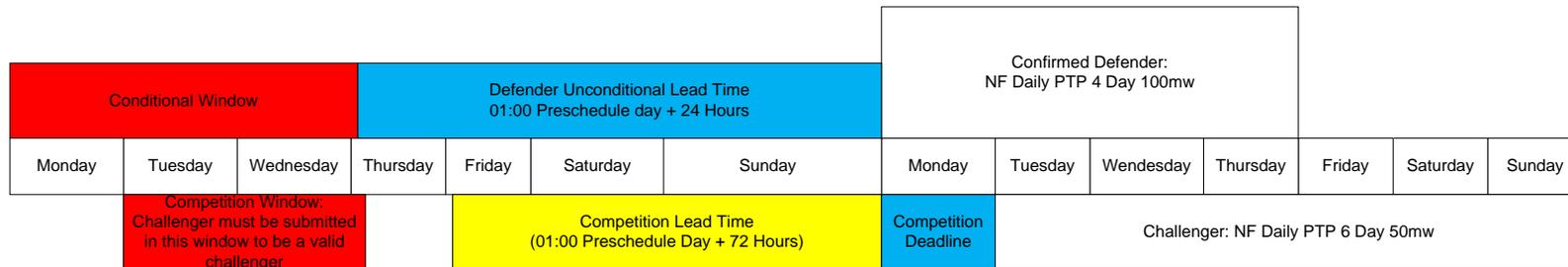
A 100 mw NF Daily PTP TSR is submitted and Confirmed within its Conditional Window bringing ATC to 0mw on the effected path.



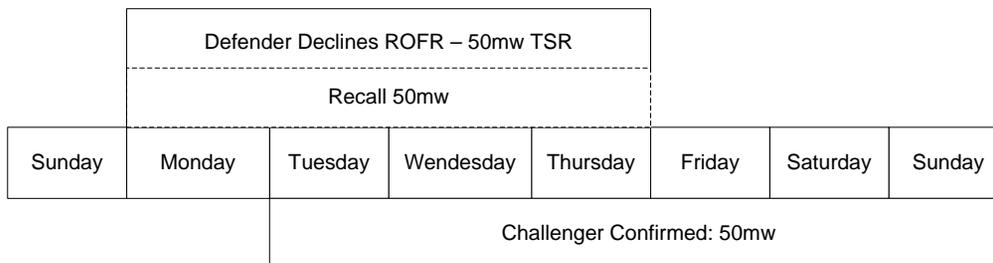
A Pre-Confirmed Challenger is submitted for 6 days at 50 mw.



This TSR is a valid challenger if it is submitted prior to the Competition Lead Time and the Defenders Unconditional Lead time.



In this example, the Challenging TSR must be submitted Pre-Confirmed Tuesday through Thursday to avoid the Defenders Unconditional Window. If submitted within the Defenders Conditional Window, the Competition will begin and the Challenging TSR will be set to Received Status. A Recall TSR will be created taking the Challengers needed capacity from the Defender and a new Matching TSR will be generated in Counteroffer status for the Defenders original MW amount extended two days at 50mw. If the Defender Withdraws the Matching TSR, then that TSR will move from Counteroffer status to Withdrawn and the Challenger will be Confirmed.



If the Defender Confirms the Matching TSR, it will move from Counteroffer to Confirmed status and the Challenger will move from Received to a Counteroffer for the remaining ATC of the Challengers' original requested amount.

