Transmission Service and Market Scheduling Priorities – Phase 2 (TSMSP 2)

Track 2 – Daily Process

Today's Trainer

Dottie Vance

Customer Readiness Trainer

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Housekeeping

REMAIN MUTED

Keep yourself muted to minimize background noise

ASKING QUESTIONS

Unmute to ask verbal questions or write in the chat pod

RAISING HAND

Raise your hand using WebEx interactivity tools

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Our Meeting Agenda

Today we will cover...

- Recap TSMSP2 Track 1 – *Monthly Process*
- Understand and walkthrough the application-specific details for daily process
- Prepare for market simulation and readiness activities

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Acronyms

Abbreviation	Term
ATC	Available Transfer Capability
CIRA	Customer Interface for Resource Adequacy
DAM	Day-Ahead Market
IRDT	Intertie Resource Data Template
NLN	Native Load Needs
OASIS	Open Access Same-time Information System
PWT	Priority-Wheeling-Through
SC	Scheduling Coordinator
SIBR	Scheduling Infrastructure and Business Rules
TRM	Transmission Reliability Margin
TTC	Total Transfer Capability
UI	User Interface
WAC	Wheeling Access Charge

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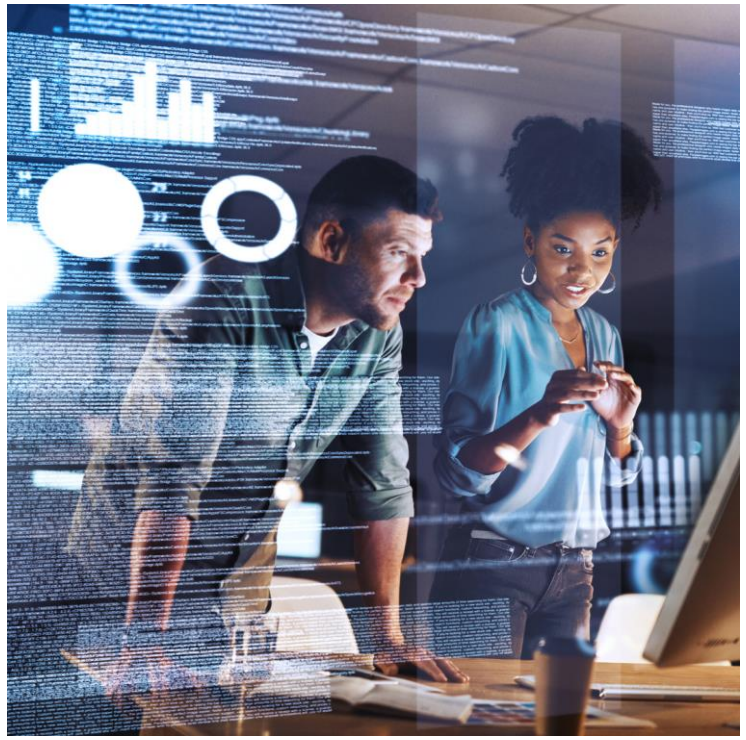

PRR: 1560

NEW PROCESS FOR ESTABLISHING WHEELING THROUGH PRIORITY

- Available Transfer Capability (ATC) is secured in advance on the ISO interties to establish wheeling through priority equal to ISO load.
  - ATC can be reserved in
    - Monthly increments (13-month horizon)
    - Daily increments (7-day horizon).
- Wheeling through transactions without secured ATC in advance will have a lower market clearing priority.

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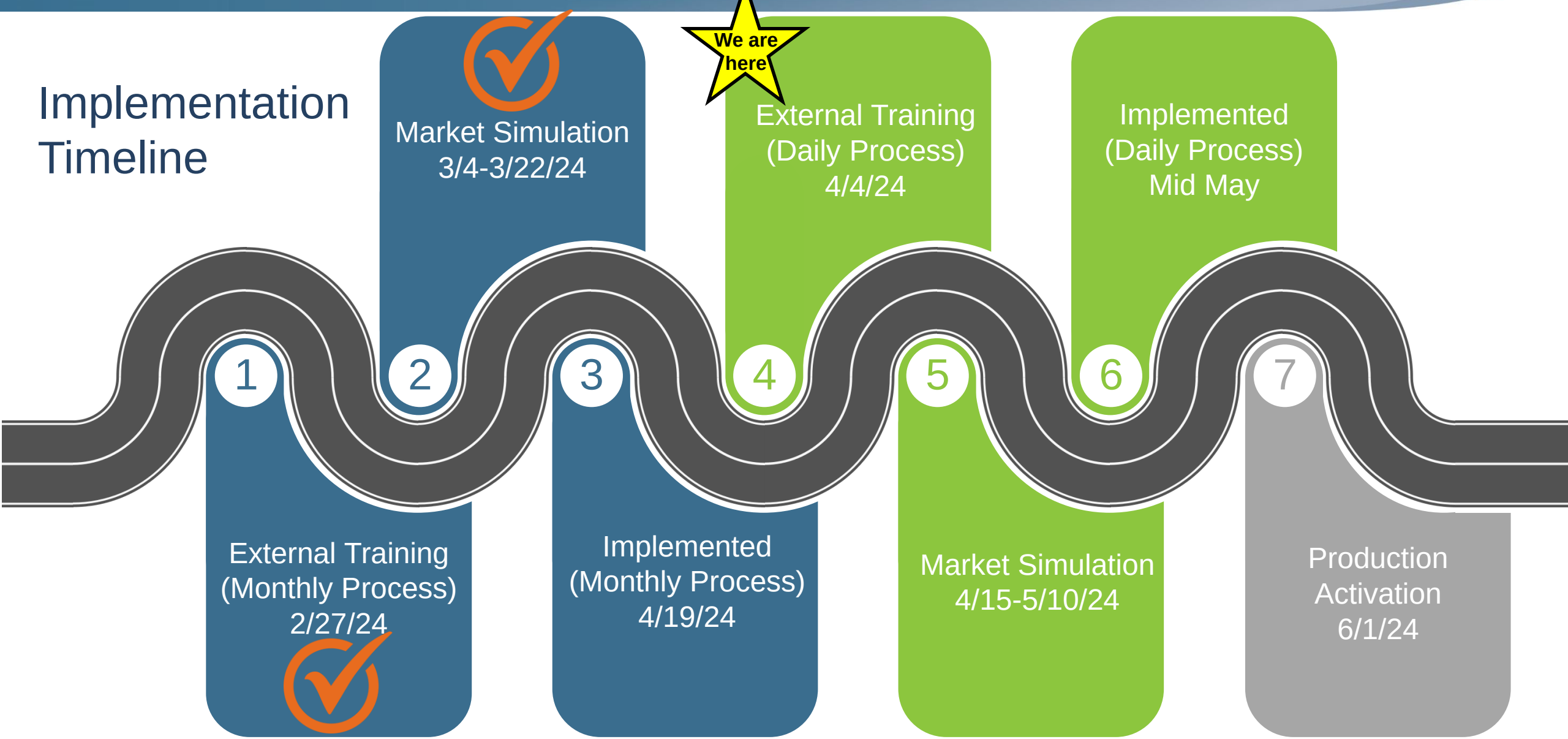
Implementation Timeline



For additional details, refer to the Policy Initiative Page for Transmission Service and Market Scheduling Priorities link!

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Refresher from TSMSP2 Track 1 – Monthly Process

GAINING ACCESS to webWheel

Master File

- ✓ Already Registered
- ❑ Need to Register
  - ➢ 11 BD in advance

New Intertie Resource Request template

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New Intertie Resource Request: Register a high-priority wheel

Master File

- Submit **New Intertie Resource Request** form a via CIDI ticket
- Navigation: caiso.com > Market & Operations > Network and Resource Modeling
  - Scroll down to the **Resource data submission** section to locate the form

Resource data submission

The Generator Resource Data Template and the Intertie Resource Data Template are used to submit requests to add or change specific operating parameters that reside in the Master File. For updates to existing data, scheduling coordinators must make any changes on the templates downloaded from the Master File user interface or application programming interface. Scheduling coordinators then submit updated templates using the user interface UPLOAD function or the programming interface SUBMIT services. Requests for new system resources should be sent to **RDT@caiso.com** in the New Intertie Resource Request template.

15-min Self-Scheduled Variable Energy Resource Request 12/05/2017 16:03

Intertie Resource Data Template Version 6.0 6/11/2021 09:44

GRDT and IRDT Definitions 1/28/2022 10:29

This spreadsheet contains the data field names, descriptions, and related validation rules that apply to the Generator Reference Data Template (GRDT) and Intertie Reference Data Template (IRDT).

New Intertie Resource Request 7/15/2021 09:08

Generator Resource Data Template Version 16.0 10/28/2021 08:34

Group Constraints Request Form Version 2 4/27/2016 10:46

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Refresher from TSMSP2 Track 1 – Monthly Process

GAINING ACCESS to webWheel

Master File

- ✓ Already Registered
- ❑ Need to Register
  - ➢ 11 BD in advance

New Intertie Resource Request template

AIM

Existing SC Contract Types

- ➢ Scheduling Coordinator Agreement + MSA/SC
- ➢ SCT – Scheduling Coordinator Agreement Only

UAA to provision webWheel access

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Recap from Monthly Process Training

Scheduling Infrastructure and Business Rules (SIBR)

Validate Import/Export for power contracts and review SIBR User Guide Section 3.2.8

Customer Interface for Resource Adequacy (CIRA)

CAISO BAA LSEs
New screen: Native Load Needs (NLN)
CIRA User Guide Section 3.13

Open Access Same Time Information System (OASIS)

New report: ATC for PWT Requests

webWheel

High level overview
How to submit a power contract, request PWT, and view PWT awards.

Settlements

Wheeling Access Charge (WAC) examples and walkthrough

TSMSP2 Track 1 – Monthly Process Training Presentation

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What Questions Do You Have?

Unmute yourself

or

Raise your hand

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Review Application Specific Details

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webWheel

Section Focus

- Walk through requesting priority-wheeling-through (PWT) for the daily process
- Understand the Capacity Release functionality
- Review the PWT Position & Contract Utilization reports.

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Specifically for the Daily Process

SUBMITTING PWT REQUESTS & VIEWING AWARDS

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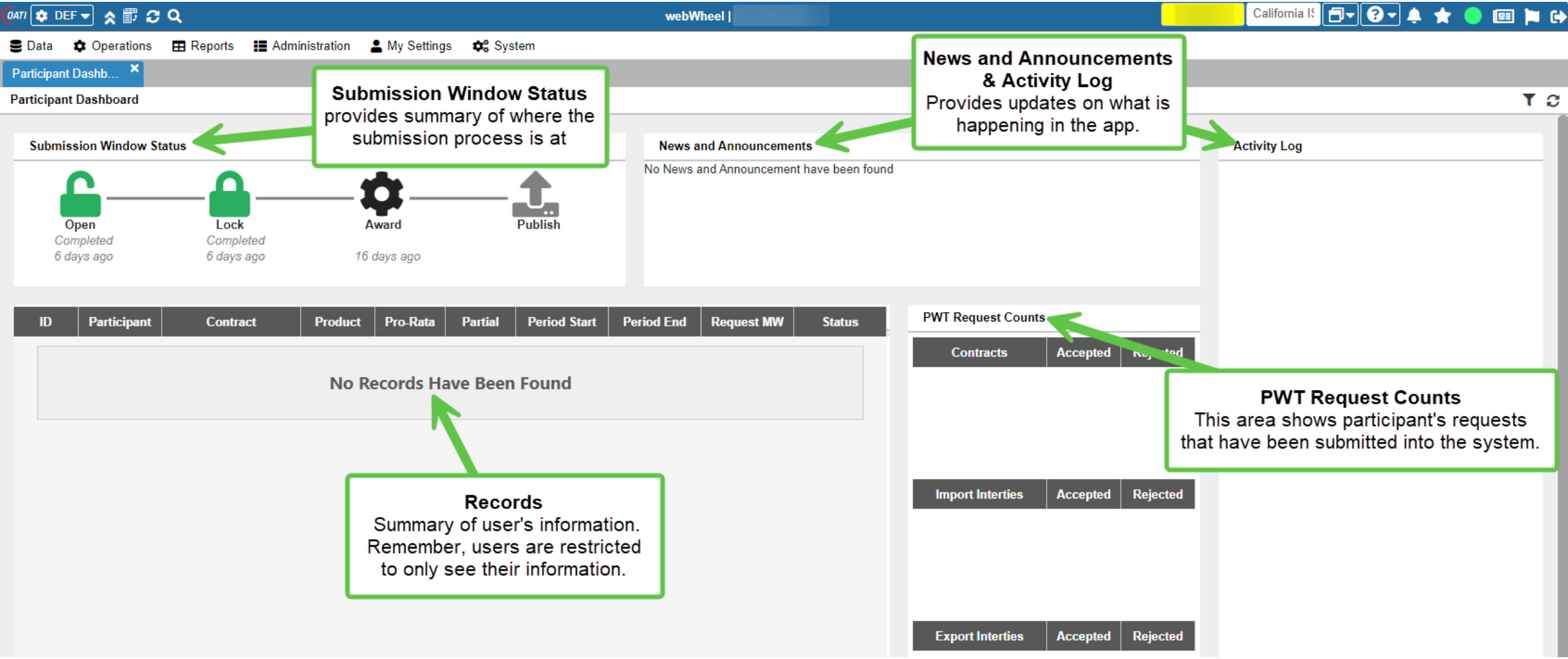
Participant Dashboard Refresher



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Submission Window for Daily Process

web Wheel

- Open for 5 Hours *(between 7am-noon PST each day)*
- Will be defined in the Market Operations BPM

Monday 3/25/2024

- Participant can request between 3/27 - 4/1/2024
- ✓ Assume daily request for 3/27 is accepted and awarded
- Results published on 3/25 @1pm

Tuesday 3/26/2024

- Day-Ahead Market for Operating Date 3/27/2024 closes at 10AM

Example located in Appendix

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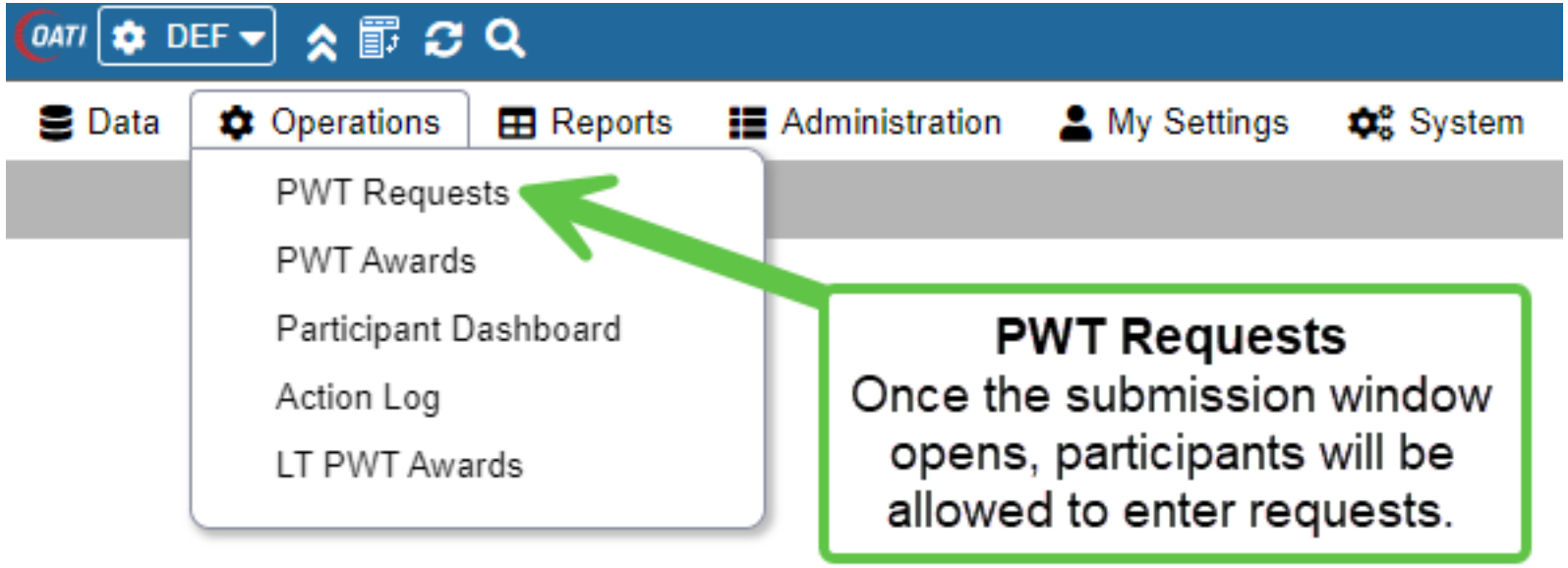
When the Submission Window Opens….



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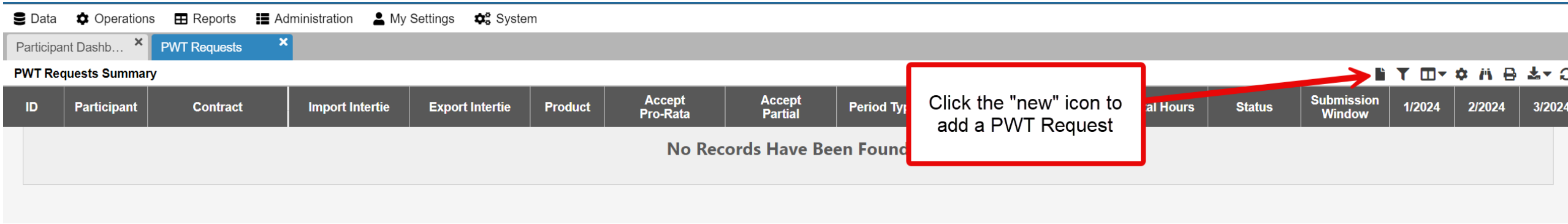
Adding a New PWT Request



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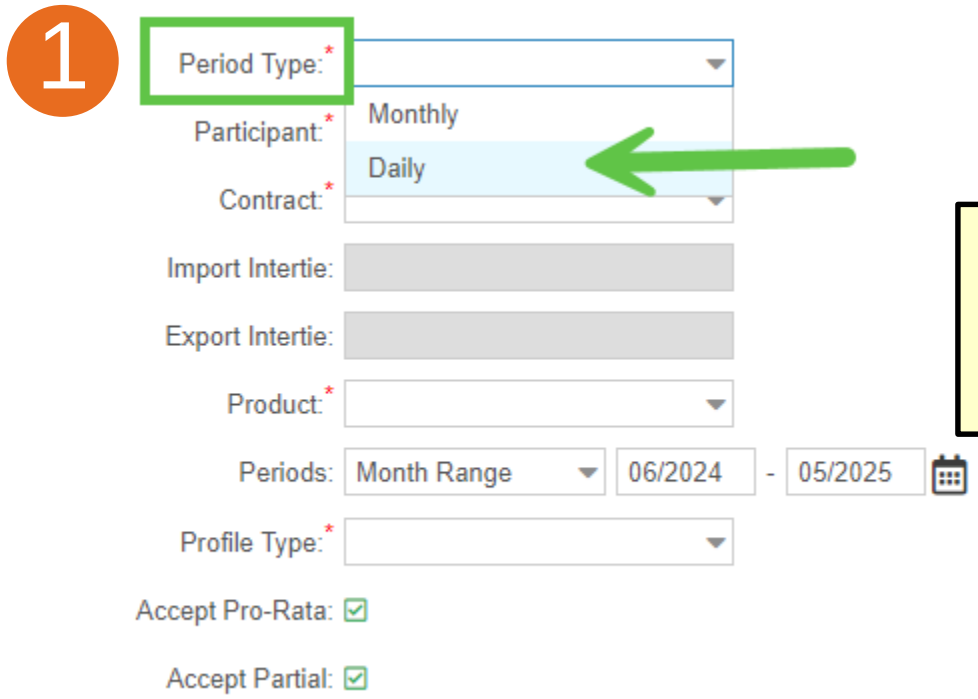
Creating PWT Request – *Period Type*



Period Type allows users to choose a Monthly or Daily request.

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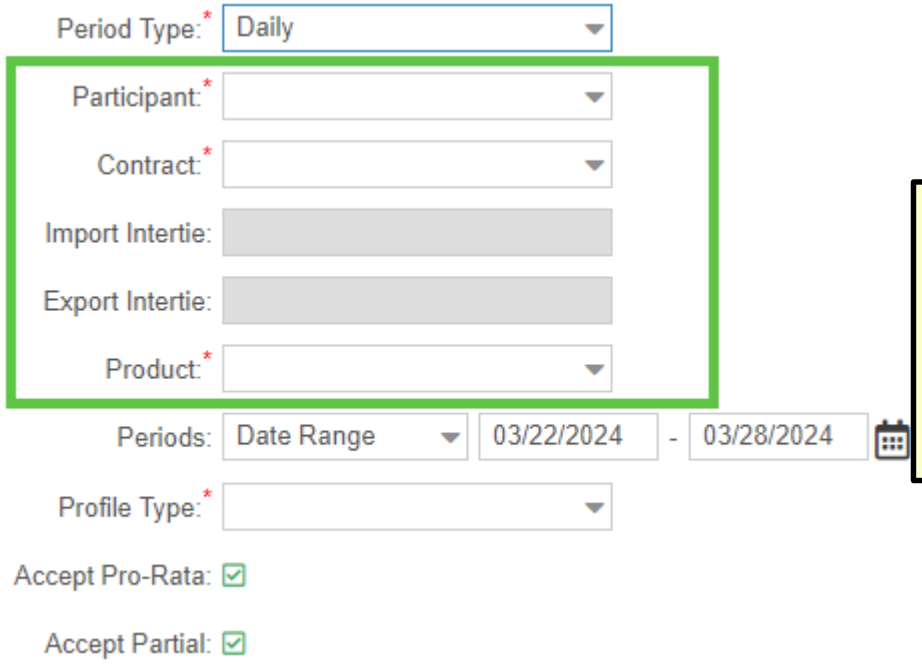
Creating PWT Request – *Participant, Contract, Import & Export, Product*

web Wheel

2



By picking the desired **Participant** and **Contract**, the system will populate the **Import/Export Interties** and the defaulted **Product Type**.

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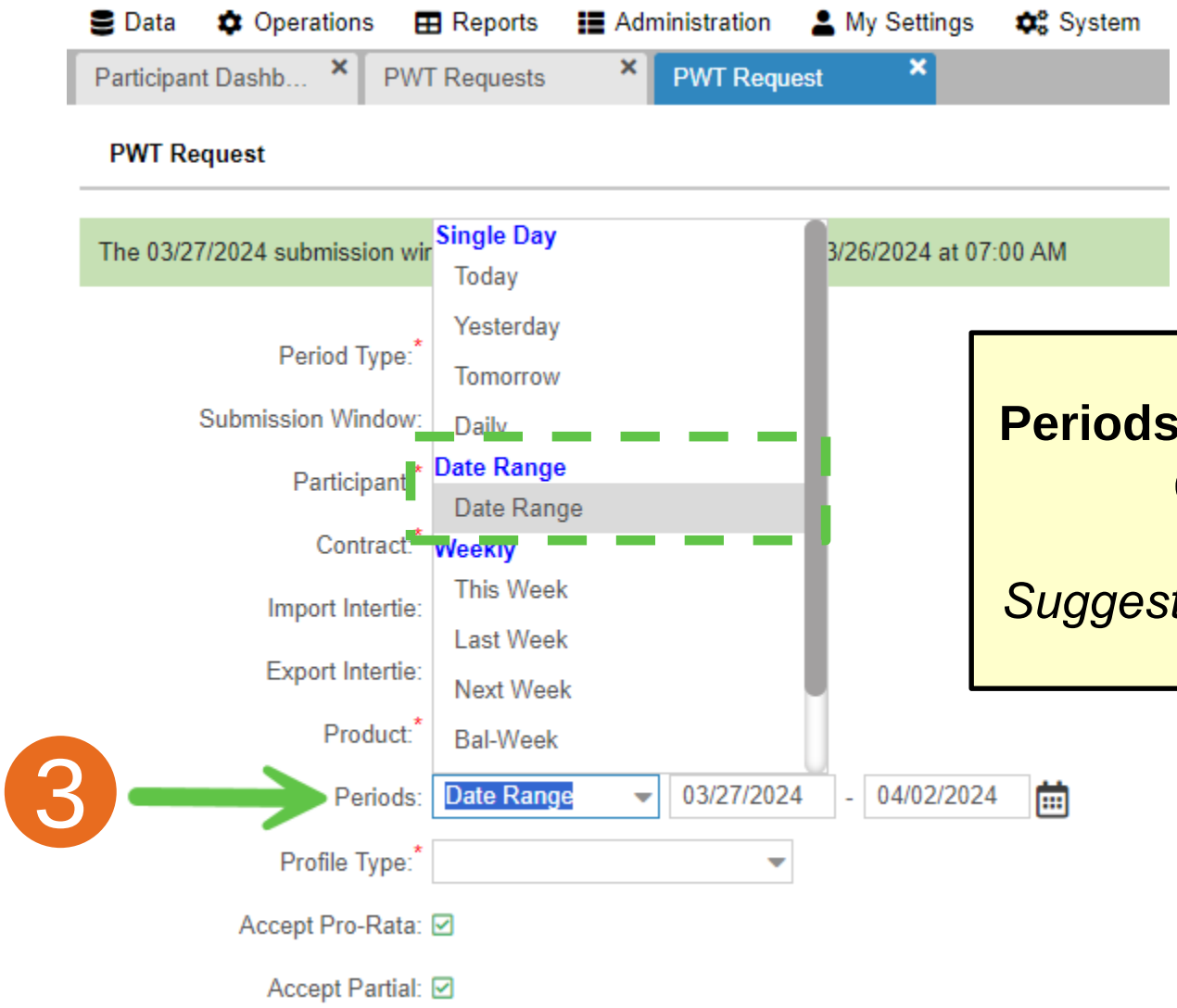
Creating PWT Request – *Periods*



Periods: There are a number of options available for the daily process (up to 7 day range period).

Suggested period to use for Market Sim is "Date Range"

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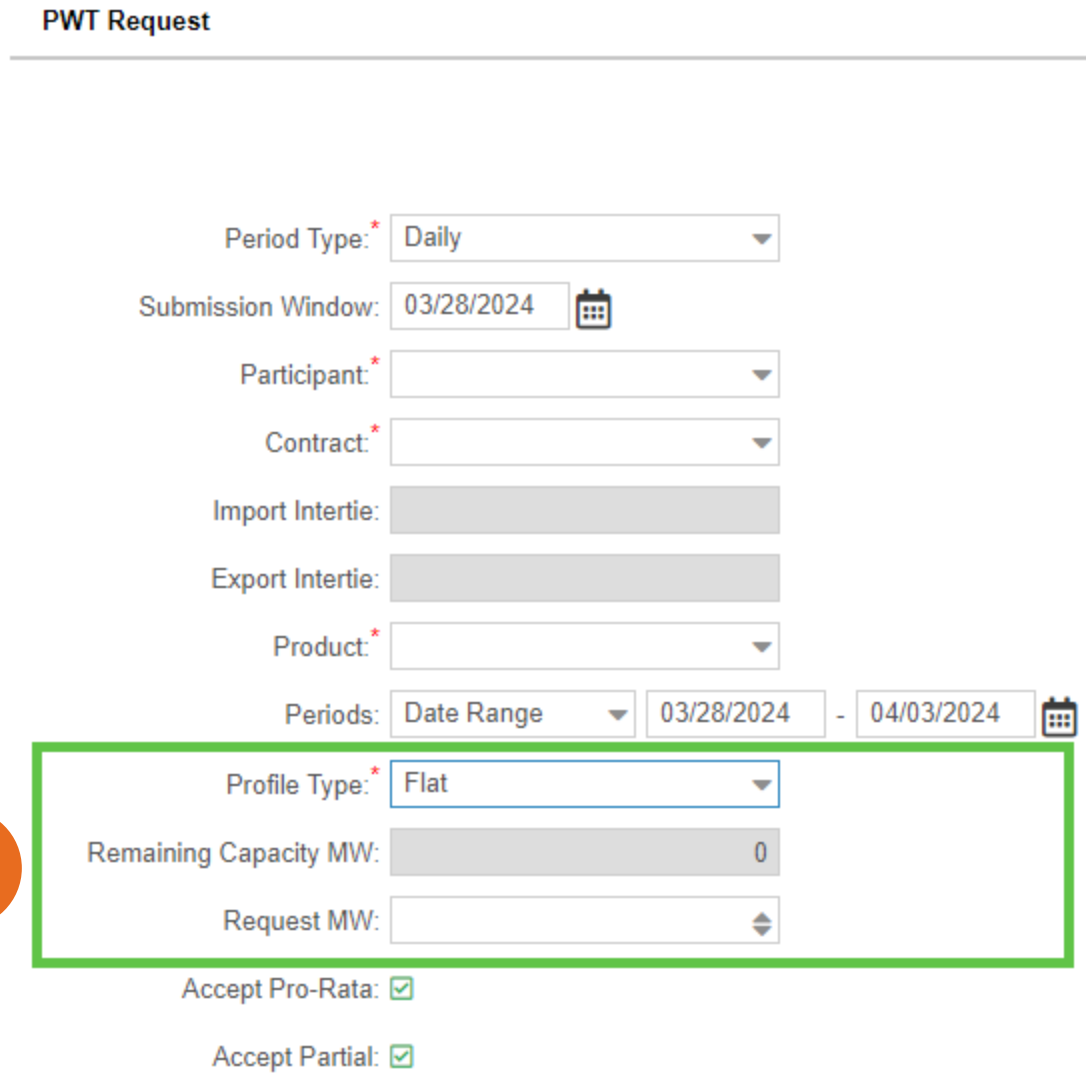
Creating PWT Request – *Profile Type (Flat)*



4

This **Profile Type** is **Flat**.

Users will be shown their remaining MW and can request the desired amount of MWs to use.

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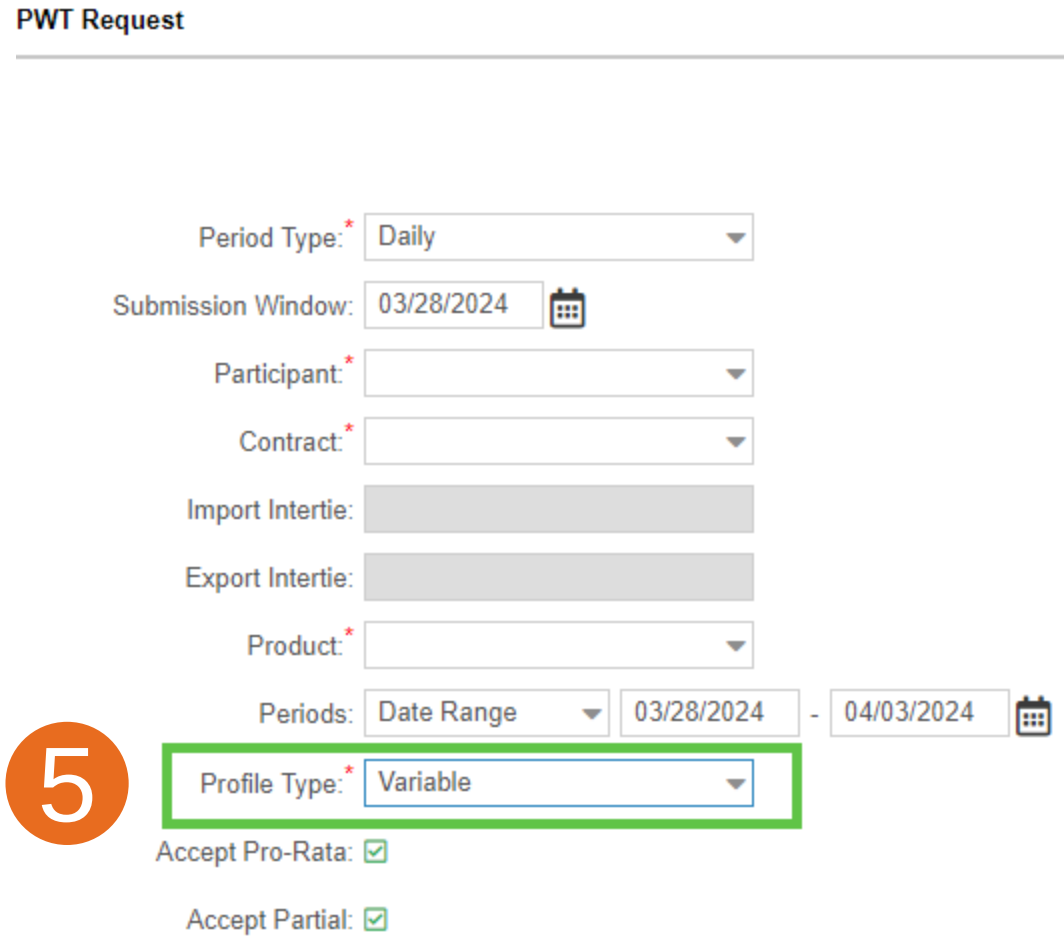
Creating PWT Request – *Profile Type (Variable)*



5

Dates	Remaining Capacity MW	Request MW
03/28/2024	0	
03/29/2024	0	
03/30/2024	0	
03/31/2024	0	
04/01/2024	0	
04/02/2024	0	
04/03/2024	0	

This **Profile Type** is **Variable**.

Users will be prompted to enter their requested MW as it correlates with the desired month

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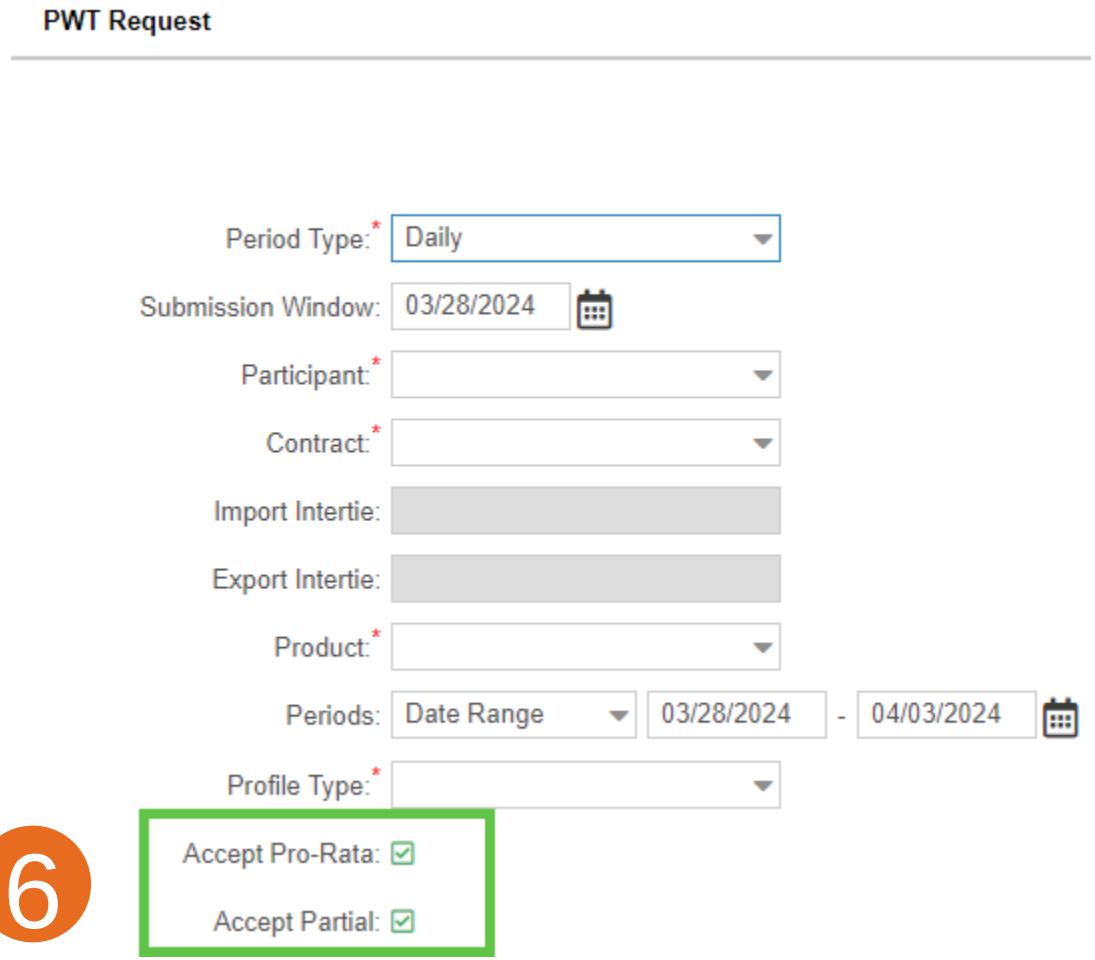
Creating PWT Request – *Pro-Rata and Accept Partial*

web Wheel



Users have the option to request **Accept Pro-Rata** and/or **Accept Partial.”**

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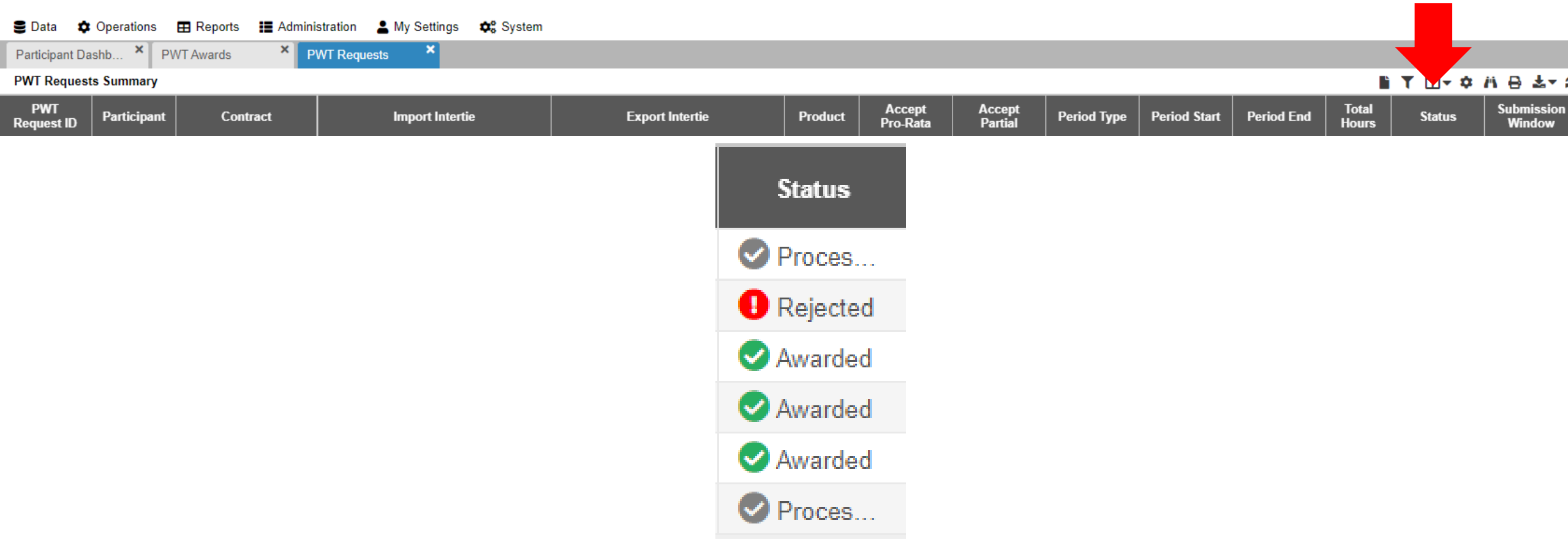
Submitting the PWT Request – *Status Column*

web Wheel



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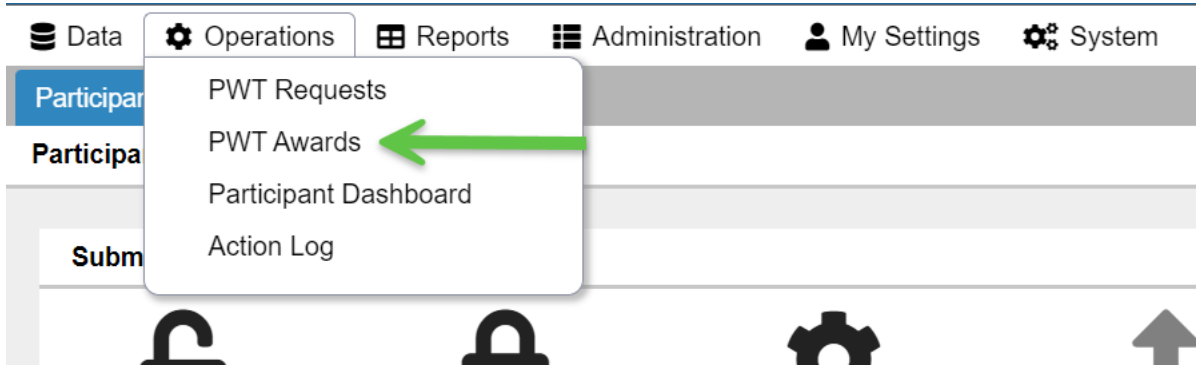
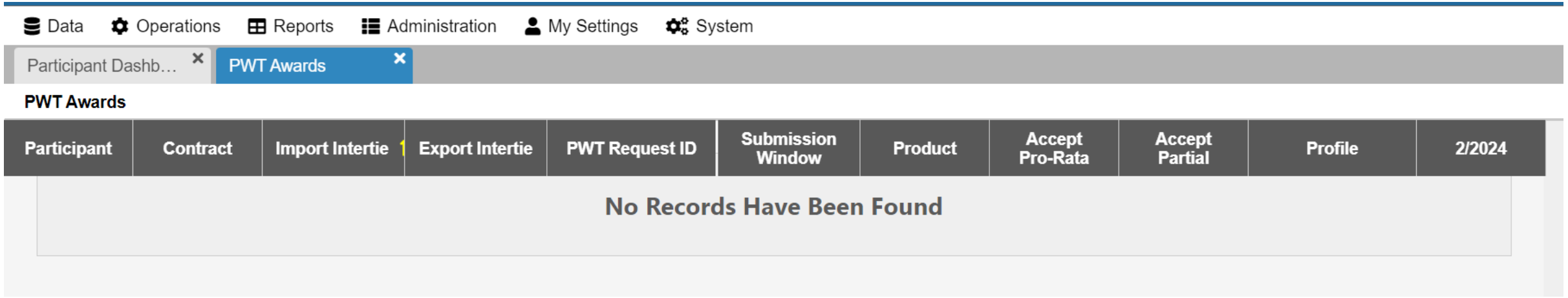
Reviewing PWT Awards





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What Questions Do You Have?

Unmute yourself

or

Raise your hand

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Understanding where to locate and process

CAPACITY RELEASES

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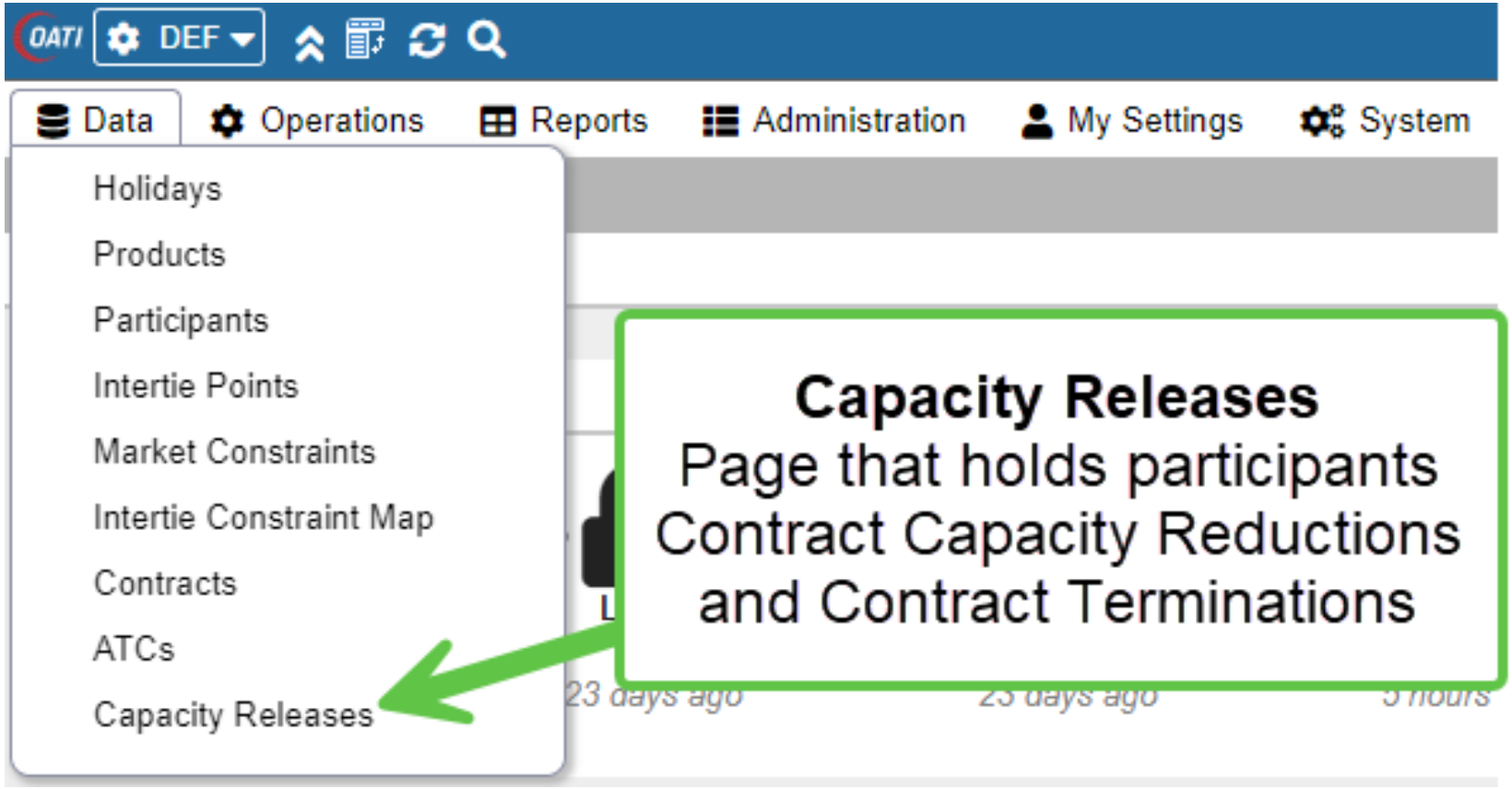
Location: Data tab > Capacity Releases

web Wheel



Not tied to the daily process

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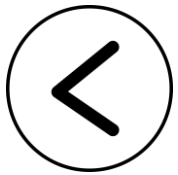
Capacity Release

web Wheel

The act of releasing PWT ATC back to the market

1



Contract MW < Awarded MW

Users must reduce the awarded PWT MW positions to the contracted MW.

2

Service Hours Shorter

Users must cut short the PWT positions to fit the new contracted service hours.

3

Shorter Contract Duration

Users must cut short the PWT positions to fit the new contract period.

Users must notify the ISO no later than 11 days before the start of the changed contract

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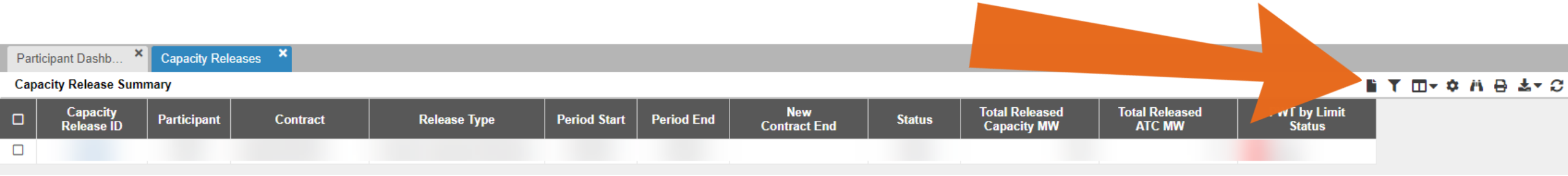
Capacity Release Summary Page



Capacity Release Summary

High-level overview of capacity reduction and termination requests.

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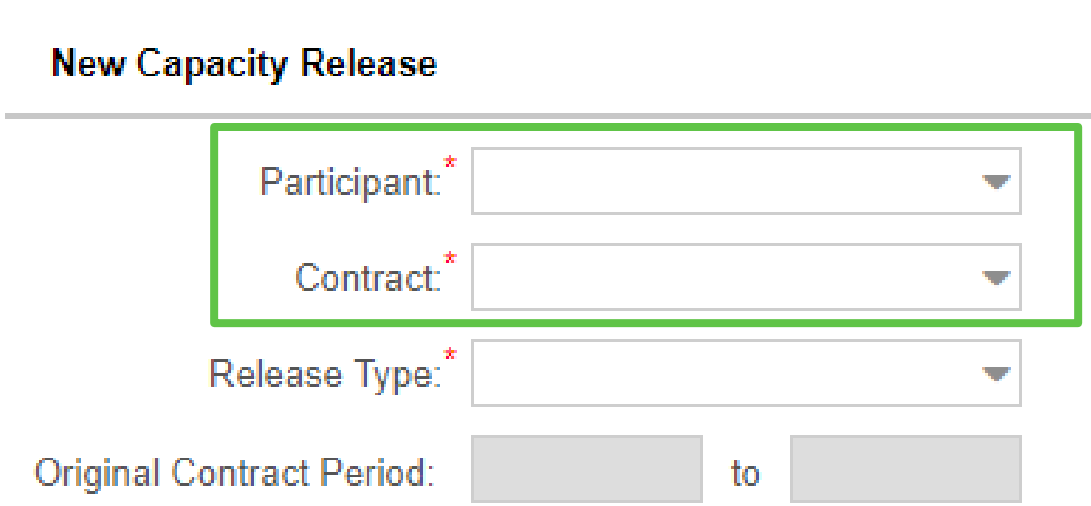
New Capacity Release Request – *Participant and Contract*

web Wheel



Participant and **Contract** are drop down menus from previous registered information.

Select the desired participant/contract that would like to be utilized.

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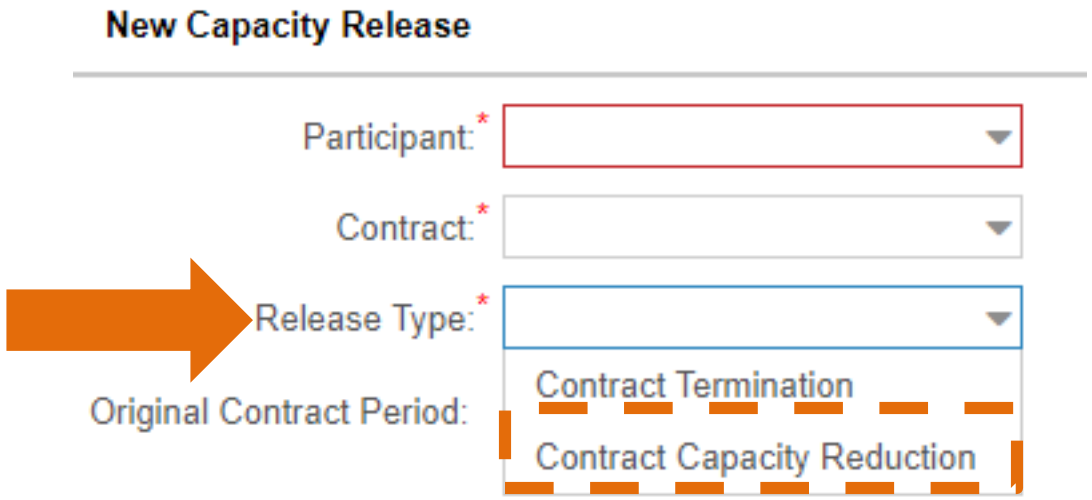
New Capacity Release Request – *Release Type*



Release Type will have two options for users to select from:

- Contract Termination
- Contract Capacity Reduction

Important: For both Contract Termination and Contract Capacity Reduction, users must notify the ISO no later than 11 days before the start of the changed contract

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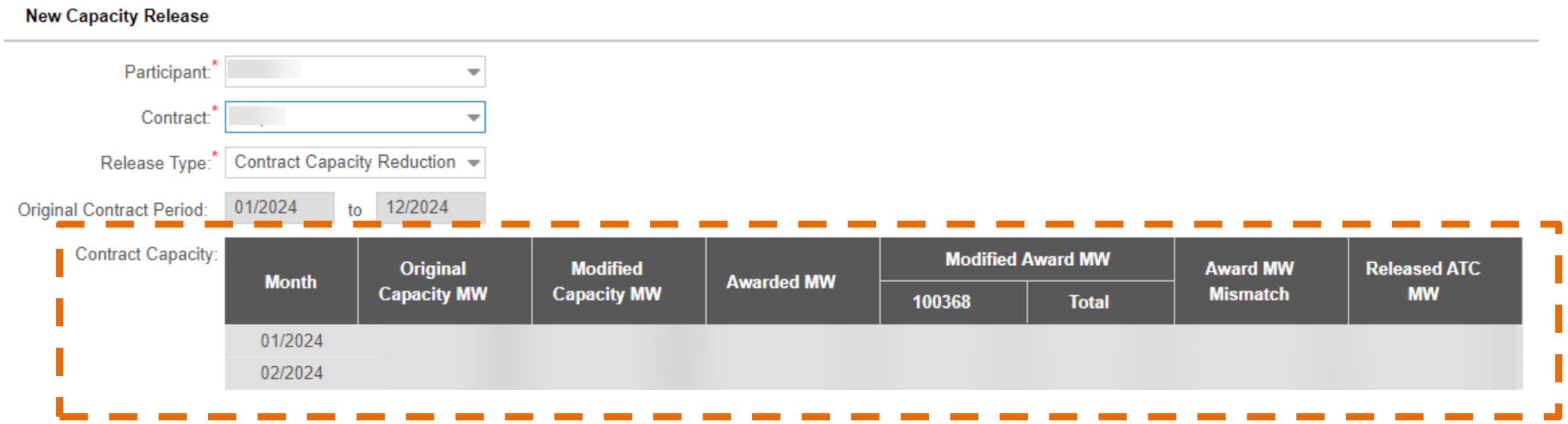
New Capacity Release Request – *Contract Capacity Reduction*

web Wheel



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New Capacity Release Request – *Contract Capacity Reduction Cont.*

web Wheel

Month	Original Capacity MW	Modified Capacity MW	Awarded MW	Modified Award MW		Award MW Mismatch	Released ATC MW
				100368	Total		
01/2024							
02/2024							

Original Capacity MW: This is the MWs the ISO awards users

Modified Capacity MW: This is how many MWs participants wanted to change their amount to

Awarded MW: This is what participants end up receiving

Modified Award MW: The PWT awards that participants can modify to fit their contract

Award MW Mismatch: Will indicate to participants how many MWs need to be reduced

Released ATC MW: Will indicate the MWs reduced during the capacity reduction

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New Capacity Release Request – Contract Capacity Reduction Example

User is awarded 352 MW

Month	Original Capacity MW	Modified Capacity MW	Awarded MW	100238 *(PWT Award)*	100253 *(PWT Award)*	100254 *(PWT Award)*	Total	Award MW Mismatch	Released ATC MW
06/2024	500	300	352	24	50	7	81	-52	0

-52 MWs

Will need to be 0

Will need to be 52

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New Capacity Release Request – Contract Capacity Reduction Example

Users will decide where to subtract the -52 MWs from the PWT Awards

-52 MWs

Month	Original Capacity MW	Modified Capacity MW	Awarded MW	100238 *(PWT Award)*	100253 *(PWT Award)*	100254 *(PWT Award)*	Total	Award MW Mismatch	Released ATC MW
06/2024	500	300	352	24	50	7	31	-52	0

Let's make this a 0 to remove 50 MWs

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New Capacity Release Request – Contract Capacity Reduction Example

Notice that the Award MW Mismatch decreases while the Released ATC MW increases

-52 MWs

Month	Original Capacity MW	Modified Capacity MW	Awarded MW	100238 *(PWT Award)*	100253 *(PWT Award)*	100254 *(PWT Award)*	Total	Award MW Mismatch	Released ATC MW
06/2024	500	300	352	24	0	7	29	-2	50

Let's make this a 5 to remove the remaining 2 MWs

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New Capacity Release Request – Contract Capacity Reduction Example

-52 MWs

Month	Original Capacity MW	Modified Capacity MW	Awarded MW	100238 *(PWT Award)*	100253 *(PWT Award)*	100254 *(PWT Award)*	Total	Award MW Mismatch	Released ATC MW
06/2024	500	300	352	24	0	5	29	0	52

To know if you were successful

✓ Award MW Mismatch will be 0

✓ Released ATC MW -52 (the amount indicated to be released)

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New Capacity Release Request – Contract Capacity Reduction No Impact Example

Month	Original Capacity MW	Modified Capacity MW	Awarded MW	100238 *(PWT Award)*	100253 *(PWT Award)*	100254 *(PWT Award)*	Total	Award MW Mismatch	Released ATC MW
06/2024	500	315	300	24	50	7	29	0	0

15 MWs extra

Since you the Modified Capacity MW is larger than the Awarded MW, there is no change needed

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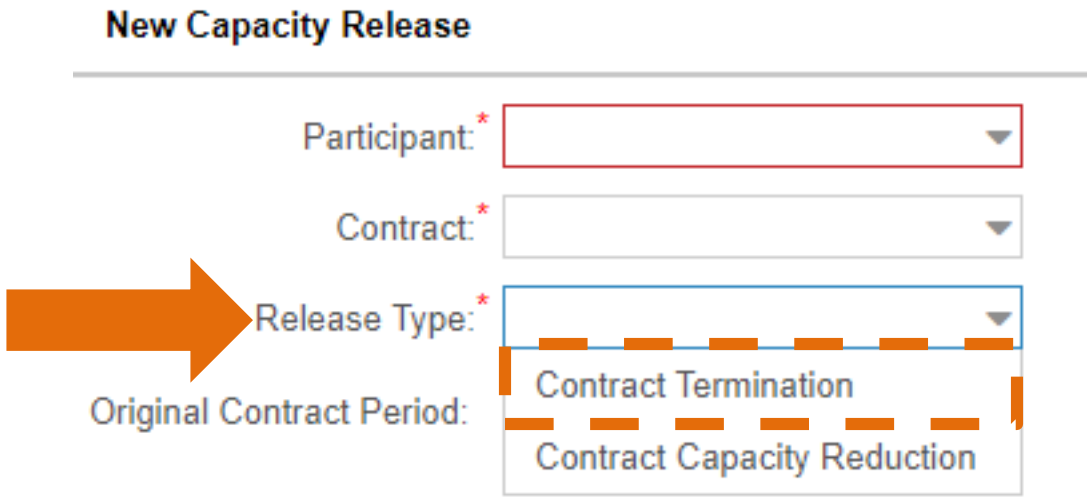
New Capacity Release Request – *Release Type*



Release Type will have two options for users to select from:

- Contract Termination
- Contract Capacity Reduction

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New Capacity Release Request – *Contract Termination*

web Wheel

New Capacity Release

Participant:*

Contract:*

Release Type:* Contract Termination

Original Contract Period: 03/2024 to 12/2024

New Contract End: Monthly 03/2024

Contract Capacity:

Month	Original Capacity MW	Modified Capacity MW	Awarded MW	Modified Award MW				Released ATC MW
				100360	100361	100364	Total	
03/2024								
04/2024								
05/2024								
06/2024								

The awards will need to be set as 0

Once the contract is updated, webWheel will check PWT positions and re-adjust them for any violations.

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Helpful reports to review

PWT POSITION AND CONTRACT UTILIZATION REPORTS

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Location of PWT Position and Contract Utilization Reports

PWT Position and **Contract Utilization** are two reports that users can use to review their information/request details.

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PWT Utilization Report

web Wheel

PWT Positions

Filtered By: Compute Totals: None ×

Participant	Direction	Intertie	Profile	1/2024	2/2024	3/2024	4/2024	5/2024	6/2024	7/2024	8/2024	9/2024	10/2024	11/2024	12/2024
	Export		Contract Capacity (MW)												
			Requested (MW)												
			Awarded (MW)												
			Remaining (MW)												
			Released (MW)												
	Export		Contract Capacity (MW)												
			Requested (MW)												
			Awarded (MW)												
			Remaining (MW)												
			Released (MW)												
	Import		Contract Capacity (MW)												
			Requested (MW)												
			Awarded (MW)												
			Remaining (MW)												
			Released (MW)												

Report provides information on PWT Positions at a glance.

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Contract Utilization Report

web Wheel

Contract Utilization

Name	Participant	Product	Period Start	Period End	Profile Type	Submission Window	PWT Request ID	Status	Profile	3/2024	4/2024
		1*24	03/01/2024	01/01/2025	Variable	06/2024		Awarded	Requested (MW)		
									Awarded (MW)		
									Released (MW)		
									Net Awarded (MW)		
								Awarded	Requested (MW)		
									Awarded (MW)		
									Released (MW)		
									Net Awarded (MW)		
						Contract Totals			Contract Capacity (MW)		
									Total Requested (MW)		
									Total Awarded (MW)		
									Capacity Released (MW)		
									Remaining (MW)		
		1*16	01/01/2024	01/01/2025	Variable	Contract Totals			Contract Capacity (MW)		
									Total Requested (MW)		
									Total Awarded (MW)		
									Capacity Released (MW)		
									Remaining (MW)		
		1*24	03/01/2025	04/01/2025	Flat	Contract Totals			Contract Capacity (MW)		
									Total Requested (MW)		
									Total Awarded (MW)		
									Capacity Released (MW)		
									Remaining (MW)		

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What Questions Do You Have?

Unmute yourself

or

Raise your hand

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Scheduling Infrastructure and Business Rules (SIBR)

Section Focus

- Recapping user expectations in SIBR

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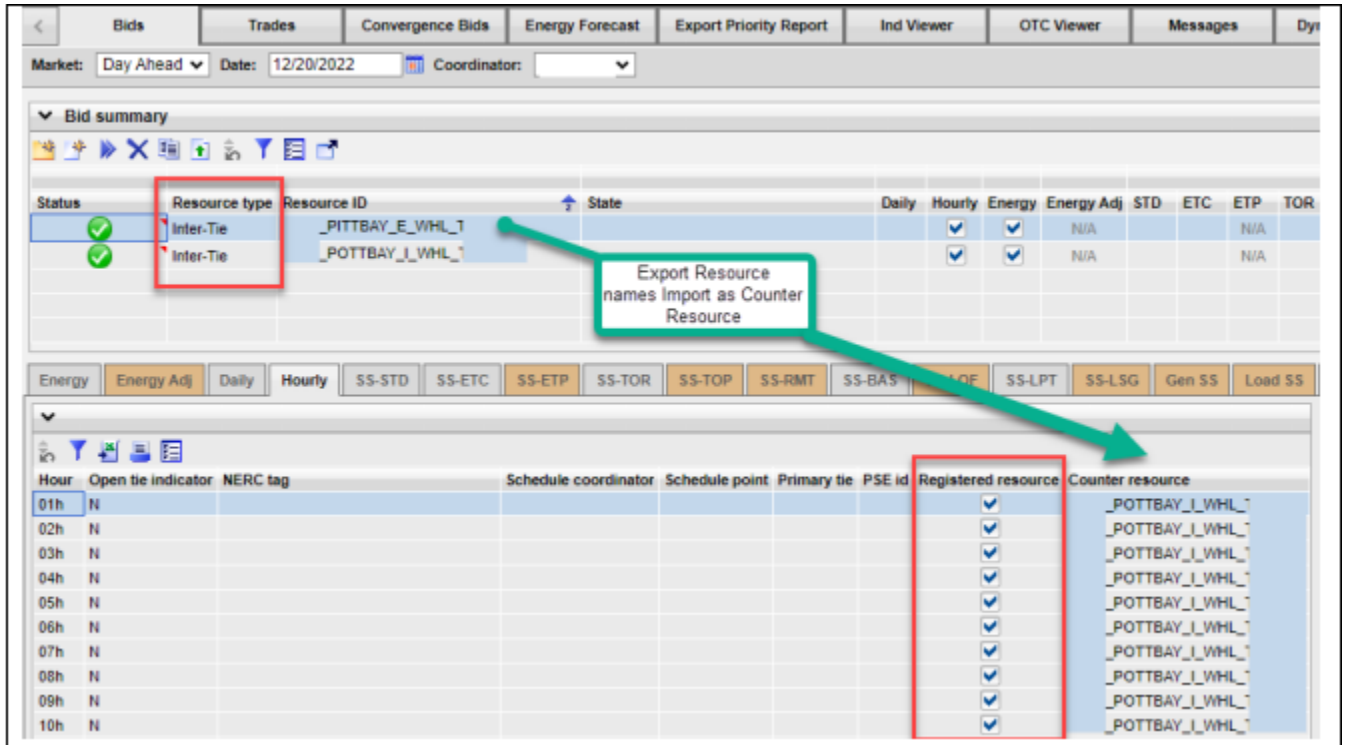
SCs Scheduling Wheeling Remains the Same

SIBR

- Review: SIBR User Guide Section 3.2.8 Wheeling Bid Walkthrough
- No UI Changes



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SCs Scheduling Wheeling Remains the Same

SIBR

What Happens

When it is time to be awarded PWT, the results are sent from webWheel to SIBR to be stored and validated

User's Responsibilities

Participants must validate
1. Resources **Import** and **Export** belong to the same contract
2. It is scheduled for the wheel transaction

There can only be one counter resource per Wheeling Transaction for the trading hour.

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Open Access Same-Time Information System (OASIS)

Section Focus

- Review new report “ATC for PWT Requests” for the daily process

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California ISO | OASIS

ATLAS REFERENCE | REPORT DEFINITION | PRICES | TRANSMISSION | SYSTEM DEMAND | ENERGY | ANCILLARY SERVICES | CONGESTION REVENUE RIGHTS | PUBLIC BIDS | RESOURCE ADEQUACY

- Current Transmission Usage
- Transmission Outages
- Transmission Interface Usage
- Market Available Transmission Capacity
- ATC for PWT Requests

Welcome to the California ISO Open Ac…stem (OASIS) site. On OASIS you will find real-time d…on system and its Market, such as system demand…and capacity status, market prices and market result…

Standards Information

North American Energy Standards Board (NAESB)
ISO Business Practice Manuals
Available Transfer Capability Information

Transmission Information

Base Case Data
Interconnection Study Statistics

System Help

- All technical specifications and artifacts for OASIS are available on the ISO Developer site. **Self-registration is required to access the site.**
- To download data without using the OASIS interface, see How to use report URLs to download OASIS data on the ISO Developer site.
- Access non-technical OASIS reference documents on www.caiso.com

New Report on OASIS, under the Transmission tab called "ATC for PWT Requests"

PRR 1558 for the Market Operations BPM

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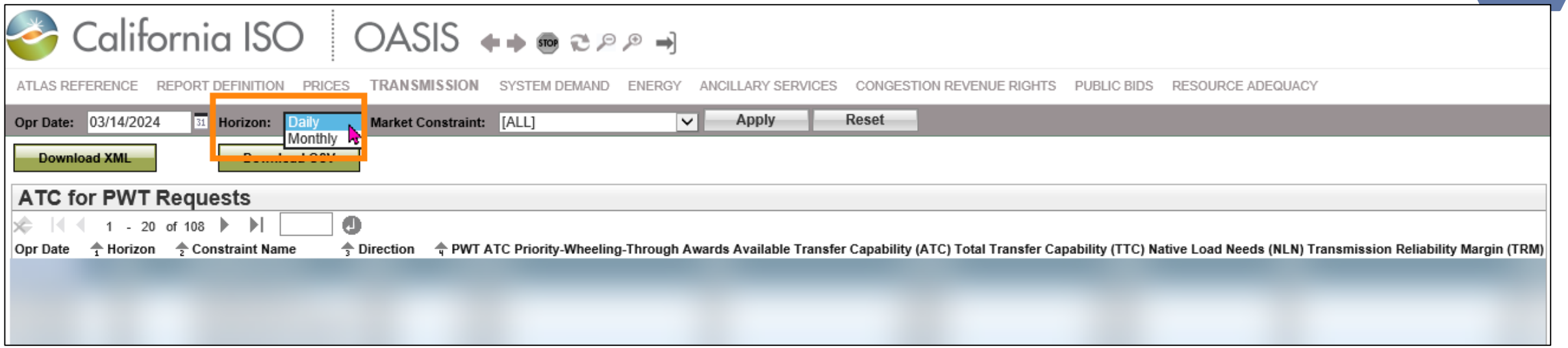
New Report ATC for PWT Requests – *Daily Process*

OASIS



This report displays *(Current Day + Rolling Window)*:

- Calculated initial PWT ATC values
- Priority-Wheeling-Through Awards (PWT)
- Available Transfer Capability (ATC)* *Includes ETC*
- Total Transfer Capability (TTC)
- Native Load Needs (NLN)
- Transmission Reliability Margin (TRM)

Tech Specs Posted – OASIS Interface Specification

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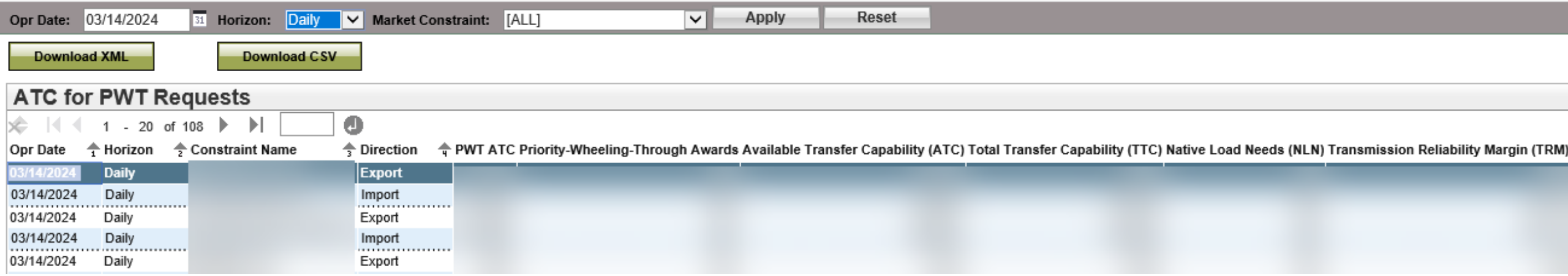
Downloading the Report – *Daily Process*

OASIS



The **DAILY** group zip will contain the data for the selected day (1 Day)

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What Questions Do You Have?

Unmute yourself

or

Raise your hand

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Settlements

Section Focus

- Review settlement impacts for PWT

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Updates to the Wheel Export Quantity PC

Settlements

- Wheel Export Quantity Pre-calculation modified
  - Resale calculation & original PWT transaction + existing export quantity calculations

- Indirectly impacts
  - High Voltage Wheeling Access Charge allocation (CC 382)
  - Low Voltage Wheeling Access Charge allocation (CC 383)

- Review WAC Charge for PWT ATC awards on settlement statement

PRR 1560 for Settlements and Billing BPM

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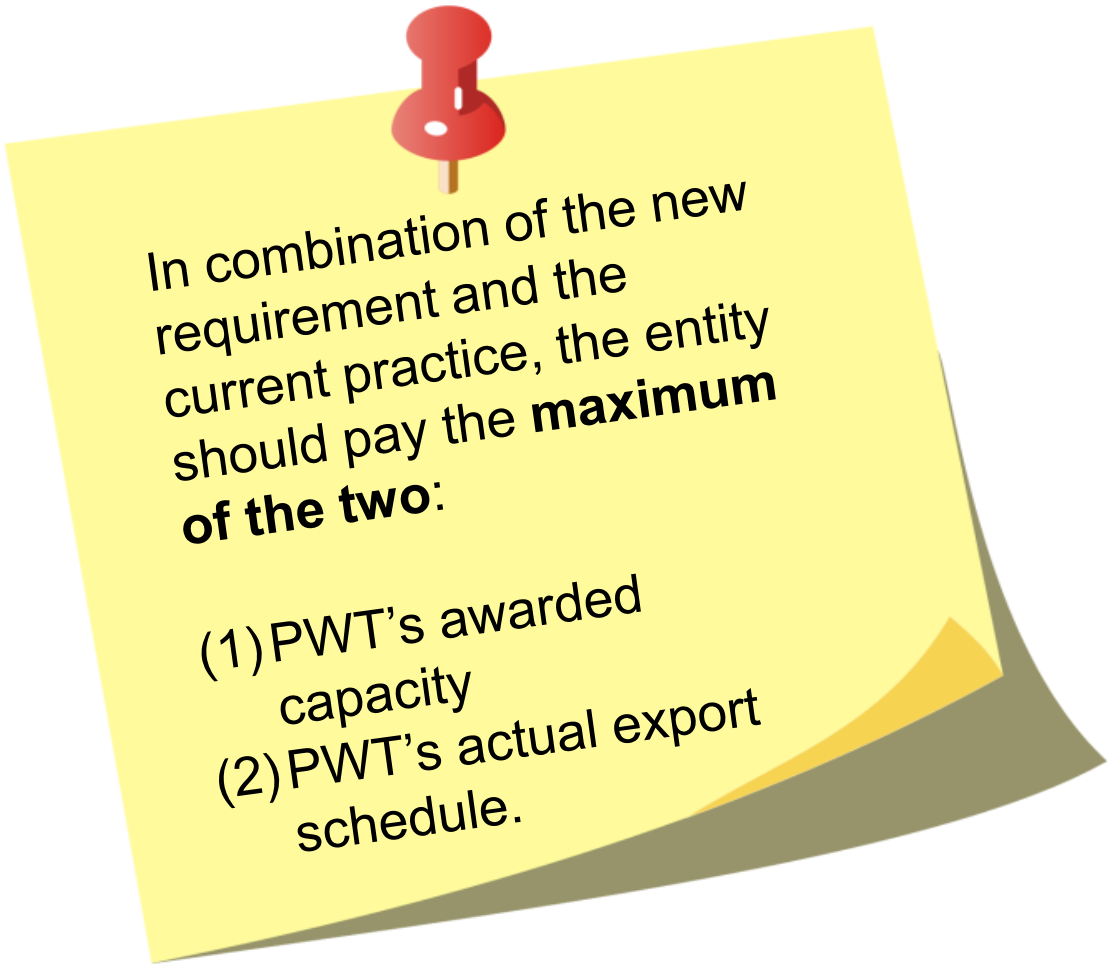
Recap from Previous WAC Examples

Settlements



CG PC Wheel Export Quantity 5.6

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What Questions Do You Have?

Unmute yourself

or

Raise your hand

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Market Simulation Activities

Section Focus

- Unstructured Guided Scenarios

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Market Simulation

TSMSP2 Daily Process Unstructured Guided Market Sim starts on: **April 15th**

- View the CAISO public calendar for full schedule
- View the Unstructured scenario on the Release Planning page

Scenario Number	Unstructured scenario	
2	Description	Facilitate submission and retrieval of Daily PWT requests and awards.
	ISO Actions	1. Define submission windows for Daily PWT requests. 2. Verify Daily PWT requests and prepare Daily PWT awards.
	WEIM Market Participant Actions	N/A
	ISO Market Participant Actions	1. Submit PWT requests and verify received awards for Daily process. 2. Review PWT ATC awards for Daily process. 3. Verify wheeling access charges (WAC) for periods PWT ATC is reserved.
	Expected Outcome	Participants to verify: 1) PWT request submission. 2) PWT awards review. 3) Review results in OASIS. 4) Review PWT awards in SIBR 5) Review PWT awards in Settlements.
	Anticipated Settlement Outcome	Verify wheeling access charge for PWT ATC awards
	Expected Settlement Outcome	Wheel export quantity pre-calc CC382- High voltage, CC383- low voltage

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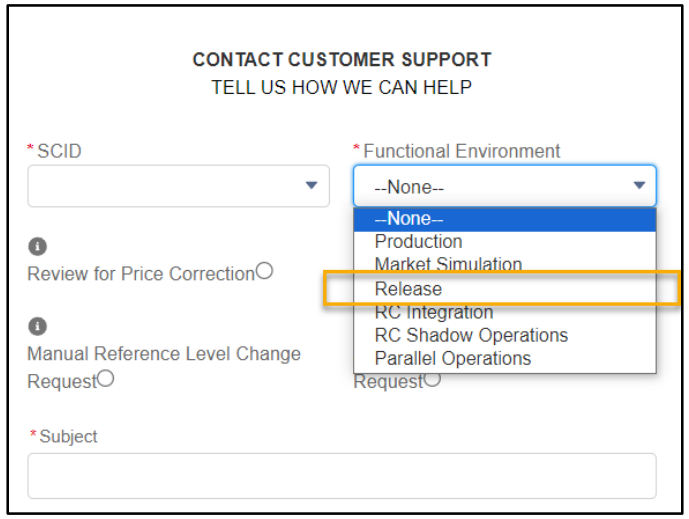
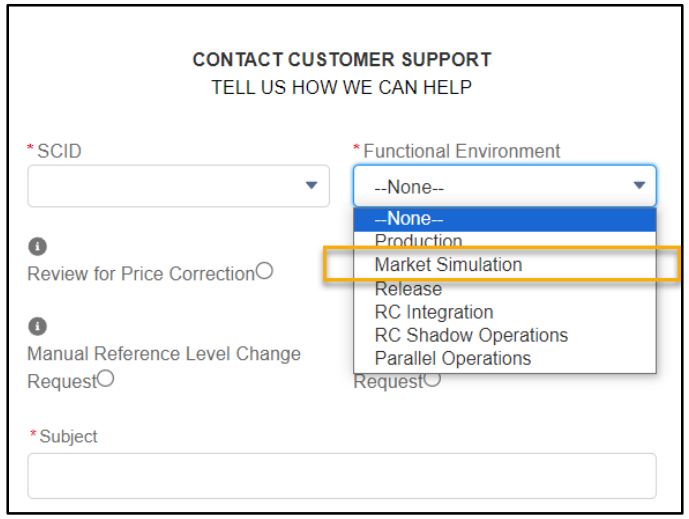
Functional Environment Options for CIDI Cases



- Inquiries not directly related to Market Simulation issues & when there is no environment impact
  - Ex. Business Requirements Specifications (BRS) comments, implementation questions, feedback, etc.
- Contact: release@caiso.com



- Inquires that are related to the MAP-Stage Environments (non-production)
  - Ex. Connectivity, unanticipated simulation results, etc.
- Contact: MarketSim@caiso.com

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What Questions Do You Have?

Unmute yourself

or

Raise your hand

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Wrap Up

Summary, Q&A

- What's happening next.

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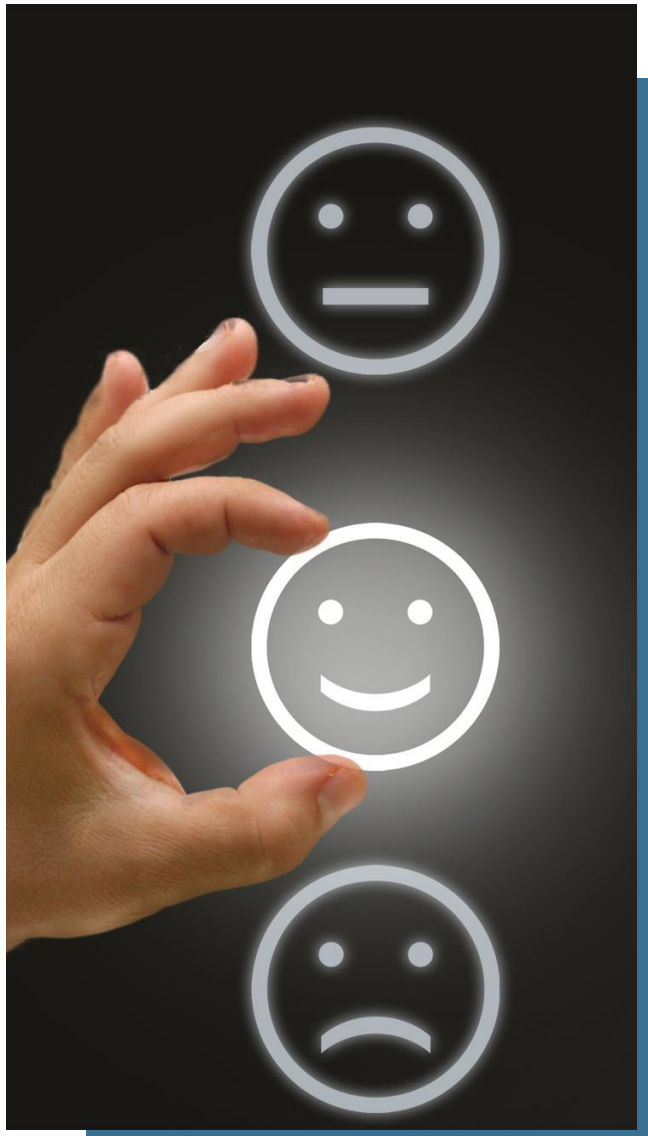

Tell us How we Did

Takes 3-5 minutes to complete

Helps us improve future training

Link: https://www.surveymonkey.com/r/caisocoursesurvey

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Thank you for your participation!

For clarification on anything presented in this training, send an email to: CustomerReadiness@caiso.com

For any other questions or stakeholder specific questions or concerns, please submit a CIDI ticket.

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Additional Slides

APPENDIX

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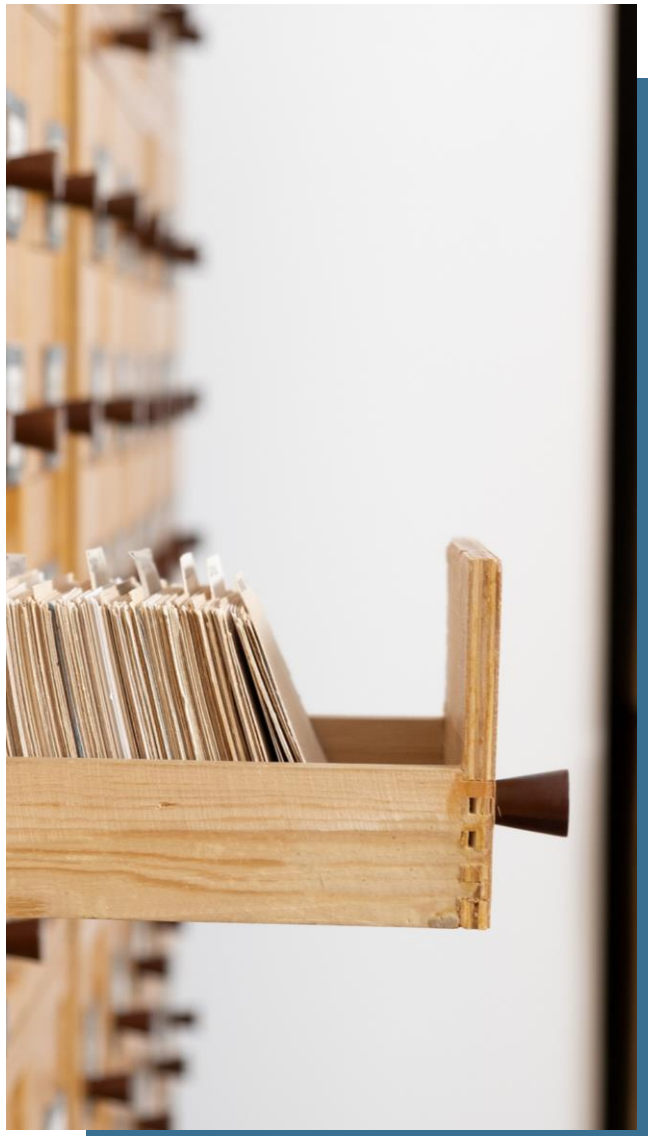

Reference Links

Business Practice Manual changes:

BPM Change Management

Business Requirements Specification:

https://www.caiso.com/Documents/BusinessRequirementsSpecification-TransmissionServiceandMarketSchedulingPrioritiesPhase2.pdf

Initiative webpage:

https://stakeholdercenter.caiso.com/StakeholderInitiatives/Transmission-service-and-market-scheduling-priorities

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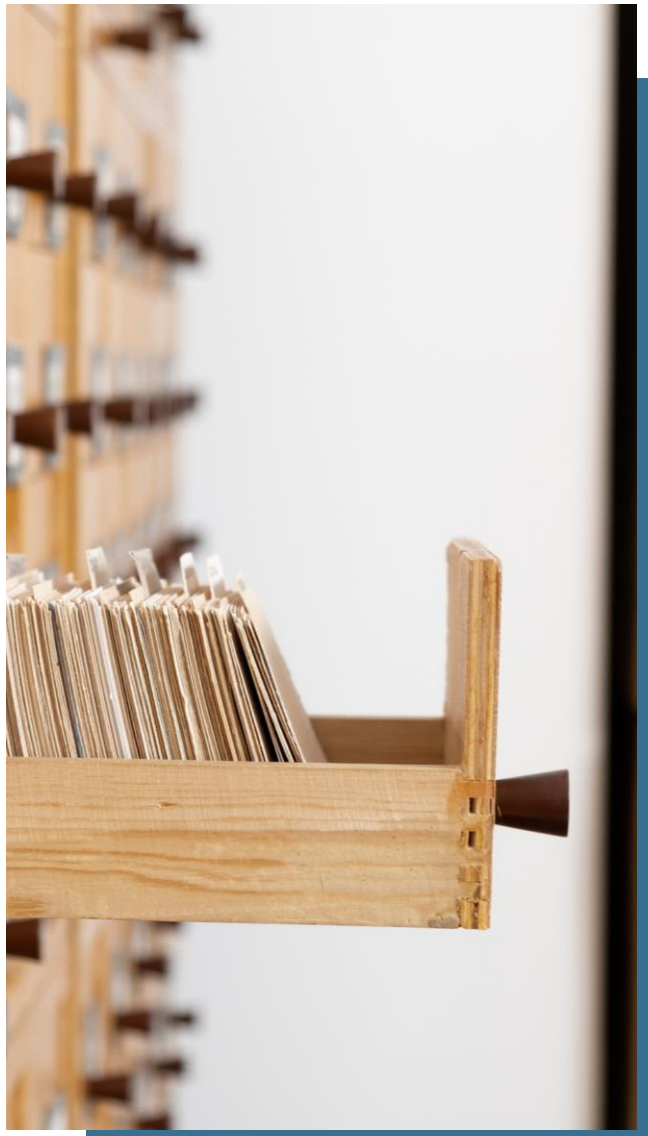

Reference Links

Market Simulation Structured Scenarios:

https://www.caiso.com/Documents/MarketSimulationStructuredScenarios-Transmissionserviceandmarketschedulingpriorities-phase2.pdf

Technical Specifications – located on the ISO's Developer Site which provides detailed descriptions of the API changes for:

- OASIS

Training Material: TSMSP1

https://www.caiso.com/Documents/Presentation-Transmission-Service-Market-Scheduling-Priorities-Phase1-Training.pdf

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Daily Submission Window Example

Calendar Date							
3/25/2024							
Daily Cycle	Published Period Start	Publish Period End	Request window open		Request window close		Daily results published
	2	7	7:00		12:00		13:00
3/25/2024	3/27/2024	4/1/2024	3/25/2024 7:00		3/25/2024 12:00		3/25/2024 13:00
3/26/2024	3/28/2024	4/2/2024	3/26/2024 7:00		3/26/2024 12:00		3/26/2024 13:00
3/27/2024	3/29/2024	4/3/2024	3/27/2024 7:00		3/27/2024 12:00		3/27/2024 13:00
3/28/2024	3/30/2024	4/4/2024	3/28/2024 7:00		3/28/2024 12:00		3/28/2024 13:00
3/29/2024	3/31/2024	4/5/2024	3/29/2024 7:00		3/29/2024 12:00		3/29/2024 13:00
3/30/2024	4/1/2024	4/6/2024	3/30/2024 7:00		3/30/2024 12:00		3/30/2024 13:00
3/31/2024	4/2/2024	4/7/2024	3/31/2024 7:00		3/31/2024 12:00		3/31/2024 13:00
4/1/2024	4/3/2024	4/8/2024	4/1/2024 7:00		4/1/2024 12:00		4/1/2024 13:00
4/2/2024	4/4/2024	4/9/2024	4/2/2024 7:00		4/2/2024 12:00		4/2/2024 13:00
4/3/2024	4/5/2024	4/10/2024	4/3/2024 7:00		4/3/2024 12:00		4/3/2024 13:00
4/4/2024	4/6/2024	4/11/2024	4/4/2024 7:00		4/4/2024 12:00		4/4/2024 13:00
4/5/2024	4/7/2024	4/12/2024	4/5/2024 7:00		4/5/2024 12:00		4/5/2024 13:00
4/6/2024	4/8/2024	4/13/2024	4/6/2024 7:00		4/6/2024 12:00		4/6/2024 13:00
4/7/2024	4/9/2024	4/14/2024	4/7/2024 7:00		4/7/2024 12:00		4/7/2024 13:00
4/8/2024	4/10/2024	4/15/2024	4/8/2024 7:00		4/8/2024 12:00		4/8/2024 13:00

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Clicking Pro-Rata and/or Partial

web Wheel

PRO-RATA

- [x] **Yes: Requests can be awarded up to the requested amount for the evaluation period (subset of MWs)**
- [ ] **No: Requests must be awarded for the full amount for the evaluation period**

PARTIAL

- [x] **Yes: Requests can be awarded for each period included in the request duration (subset of months)**
- [ ] **No: Requests must be awarded the same amount for all periods of the request**

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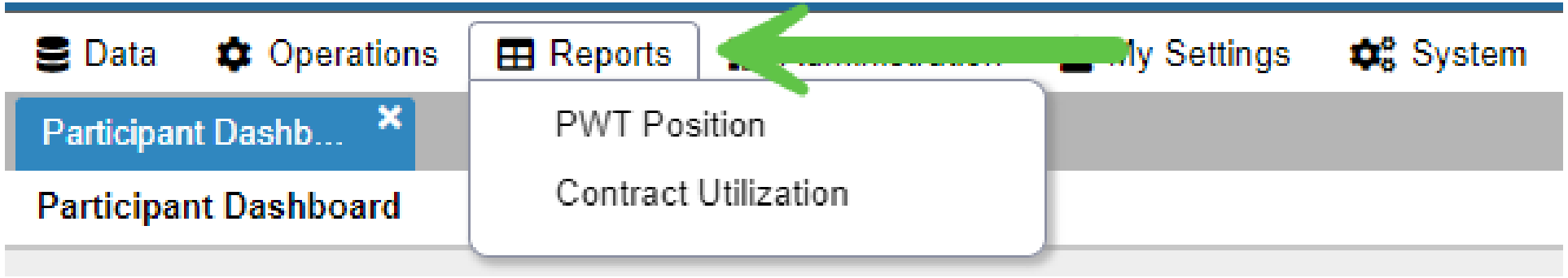
New webWheel Reports in Detail



PWT Position provides insight to PWT requests:

- Participant, Direction & Intertie
- Contract Capacity (MW)
- Requested (MW)
- Awarded (MW)
- Remaining (MW)
- Released (MW)

Contract Utilization provides insight on contracts:

- Contract name, Participant & Product
- Period Start/End
- Profile
- Submission Window
- PWT Request ID
- Status
- PWT Position MW details

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SIBR Example of Export/Import

SIBR

- There can be a one to many association for Export to Import with a PWT position MW. The Export and Import together per hour in the record are unique.
  - *ExportA* with *ImportB* for 45MW
  - *ExportA* with *ImportC* for 25MW
  - *ExportB* with *ImportA* for 30MW
  - *ExportC* with *ImportB* for 10MW
- There can only be one counter resource per Wheeling Transaction for the trading hour.
- ExportA can use either ImportB or ImportC but not both for a trade hour.

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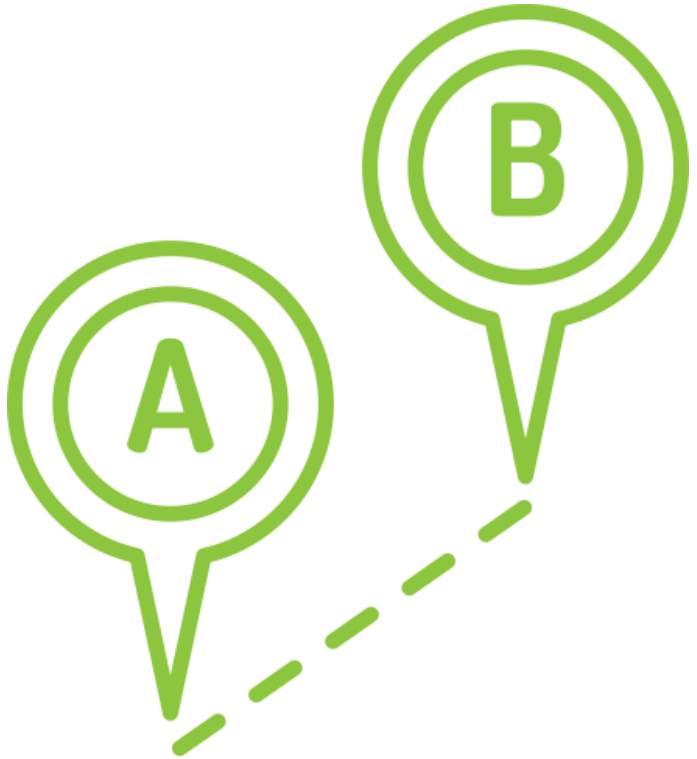
Let’s Walk Through Some Examples Together

An entity registers an **Importing** contract at Point A and an **Exporting** contract at Point B.

There are a few scenarios that could occur with their settlement statements.



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Example – Entity usage is less than the awarded PWT capacity

Monthly Awards: 100 MW

Daily Awards: 20 MW

Total Awarded MWs: 120 MW

Schedule: 80 MWs

(did not need 40 of the awarded MWs)

WAC Charge

120 MW

***New requirement that WAC is charged against wheeling-through capacity, if its schedule is less**

WAC – Wheeling Access Charge

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Example – Entity usage is greater than the awarded PWT capacity

Monthly Awards: 100 MW

Daily Awards: 20 MW

Total Awarded MWs: 120 MW

Schedule: 150 MWs

(needed an additional 30MWs)

WAC Charge

150 MW

***It is a current practice that WAC is charged against wheeling-through schedules**

WAC – Wheeling Access Charge

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CGPCWHeelExportQuantity Document

Settlements

- **Original ATC Transaction:** BAHourlyATCReservationIntertieQty
- **Resale:** BAHourlyATCReservationResaleIntertieQty

- WheelExportExcludingPWTResaleQuantity
  - This covers all original export transactions and calculcations
  - The PWT transaction is nested within
  - This formula ensures that the resale quantity will not be included

- WheelExportPWTResaleQuantity
  - This is just for the resale

To review this document: Release Planning >> Summer 2024 settlements release technical documents >> Transmission service and market scheduling priorities phase 2

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Example of downloading ATC for PWT for the Day and Month

OASIS

DAY EXAMPLE

If a user wants to download a file for today at 11:30am, it would include

- Current Day
- Binding day
- Remaining 6 days (not binding)

Each day will have its own file that mirrors the UI report

MONTH EXAMPLE

If a user wants to download a file for today at 11:30am, it would include

- Current Month
- Binding months
- Remaining 11 months (not binding)

Each month will have its own file that mirrors the UI report

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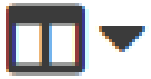
Getting to know webWheel table features

New contract

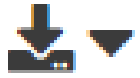
Filter results

 Column configuration & resetting filters

Font display

Display views

Print

 Download (xlsx or CSV)

Refresh

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