



California ISO

# DAME, EDAM, EDAM CAISO BAA PR Market Sim & Parallel Ops Meeting

March 05, 2025

ISO PUBLIC

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# Agenda

- Customer Experience Updates
- SIBR Patches
- Market Validation and Analysis Overview
- Additional Issues Tracking
- EDAM Training Courses
- Q&A

# DAME, EDAM, EDAM ISO BAA Meetings

Monday 9-10AM PT, and Thursday 1-2PM PT

	Monday	Tuesday	Wednesday	Thursday	Friday
February	2	3	4	5	6
	9	10	11	12	13
	16	17	18	19	20
	23	24	25	26	27
March	2	3	4	5	6
	9	10	11	12	13
	16	17	18	19	20
	23	24	25	26	27
	30	31	28	29	30

**Market Sim & Parallel Ops Meeting**

**ISO Closure**

**Cancelled**

# DAME / EDAM / WEIM – Timeline

Initiative	Connectivity Testing	Integration Testing	Structured Market Sim	Unstructured Market Sim	Parallel Operations	Activation
<a href="#"><u>Day-Ahead Market Enhancements</u></a>	06/02/25 – 09/01/25	06/02/25 – 09/01/25	09/02/25 – 12/01/25	12/01/25 – 01/30/26	02/02/26 – 04/30/26	05/01/26
<a href="#"><u>Extended Day-Ahead Market</u></a>	06/02/25 – 09/01/25	06/02/25 – 09/01/25	09/02/25 – 12/01/25	12/01/25 – 01/30/26	02/02/26 – 04/30/26	05/01/26
<a href="#"><u>EDAM ISO BAA Participation Rules Track A</u></a>	06/02/25 – 09/01/25	06/02/25 – 09/01/25	09/02/25 – 12/01/25	12/01/25 – 01/30/26	02/02/26 – 04/30/26	05/01/26
<a href="#"><u>Extended Day-Ahead Market On-Boarding - Pacificorp</u></a>	05/01/25 – 05/31/25	06/02/25 – 09/01/25	09/02/25 – 12/01/25	12/01/25 – 01/30/26	02/02/26 – 03/26/26	05/01/26
<a href="#"><u>Extended Day-Ahead Market - PGE</u></a>	11/01/25 – 11/30/25	12/01/25 – 03/01/26	03/01/26 – 05/30/26	03/01/26 – 05/30/26	06/01/26 – 09/15/26	10/01/26
<a href="#"><u>WEIM – Power Watch</u></a>	09/01/25 – 10/17/25	10/01/26 – 11/30/26	12/01/25 – 01/30/26	NA	02/16/26 – 04/30/26	05/06/26
<a href="#"><u>WEIM – Black Hills</u></a>	09/01/25 – 10/17/25	10/01/26 – 11/30/26	12/01/25 – 01/30/26	NA	02/16/26 – 04/30/26	05/06/26

Note: dates reflected here refer to the start and end dates around testing, specific Trade Dates relevant for testing and validations can be found in the [Settlements Calendar](#) posted to Release page on CAISO.com.

# Inquiry Stats

## General:

- 376 cases created since the start of Parallel Operations
- SC Participation continues to be strong – around 100 SCs
- PacifiCorp onboarding going well – SIBR Patch delivered yesterday, working through RSE
- Black Hills and Power Watch onboarding going well – few BSAP issues, browser settings challenges
- SIBR Patch 26 delivered

## Trending Cases:

- OASIS and CMRI Reports data
  - DAM Summary Report – ETA this afternoon
  - Imbalance Reserve Forecast – software variance
    - Solar and Wind forecast values are incorrect
  - System Load & Resource Schedule – software variance
    - Incorrect load value
- Imbalance Reserve and Reliability Capacity
  - Prices & Results - Market team continues to investigate and will update tickets accordingly
  - Bid Insertion and Eligibility questions – following up with legal, policy, and SMEs

# Upcoming Environment/Application Outages

## **STAGE:**

- STAGE outage currently planned for Friday 4/10 to Tuesday 4/14
- Confirming potential change to Wednesday 4/8 to Sunday 4/12

## **MAPSTAGE:**

- SIBR (TBD)
- ADS (TBD)

# SIBR Patch 26 Promoted to MAPSTAGE & STAGE

Description/Identifier	
<b>EDAM; SIBR - RetrieveBARequirementData_SIBRv1_RW role and RO role- for SC that does not belongs to the certificate - improper error message</b>	Error message fixed: SubmitReleasedCapacityBid_SIBRv1_AP -- with invalid SCID:User Is Not authorized to submit released capacity for the specified SC
<b>F25_EDAM_QRB2_Registered TSR type 2_rule 43801 not fired-BRQ-11144f</b>	TSR Matched status properly set on bid when Matching TSR found.
<b>F25 - EDAM Enhancement Transient UI filter logic</b>	Typing in a portion of the contract will filter in the UI display.
<b>F25_EDAM_Registered Intertie with TCL does not fire a rule 23026</b>	Will not allow a non TSR to submit TCL.
<b>F25_EDAM_EDAM_BARequirement Copy issue</b>	A placeholder set of rows will be created when copying an EDAM BA Requirement with empty records.
<b>F25 - EDAM SBR Entitlement for EDAM contracts set to 0 when ETCC comes in.</b>	The procedure has been corrected, Master File EDAM contract with Entitlement is written to the database correctly and the incoming ETCC payload no longer zero's the CRN Entitlement in the table for the EDAM CRNs.
<b>F25 - EDAM SIBR UI RSE Capacity enhancement</b>	Transient TSR available and TCL as a product

# SIBR Patch 26 Promoted to MAPSTAGE & STAGE

<p><b>F25: EDAM SubmitTotalTaggedImport should be accepted for the same TD</b></p>	<p>Total Tagged Import was not being allowed to submit after 10, now it can be received for the active day after 10am.</p>
<p><b>F25 - EDAM Rule 43023 for Transient TSR check and add 53046 post close BRQ-11144</b></p>	<p>TSR Matched status check at Post Close, if Matched Status is N then the bid will become invalid. ( both TSR pairs must be market accepted.)</p>
<p><b>F25_EDAM_EDAMBARRequirement_AS Region submit vs Retrieve is not same</b></p>	<p>Corrected the MarketRegion name in the BARRequirement payload generated through the retrieveBARRequirementData_v1SIBR service, now the return data matches the submit data.</p>
<p><b>F25_EDAM_Rule 41333 fired on Gen bid, should fire on MSG bid</b></p>	<p>Now will fire on MSG resource correctly and without duplicate price curve data on bid.</p>
<p><b>F25 - EDAM INA rule 31671 and modify 41674</b></p>	<p>This allows a GHG Bid price to come in even above the Max Price from ECIC for the resource. Rule 41674 will cap the price for the resource, if there is no price from ECIC it will be a \$0 price.</p>
<p><b>F25 - EDAM need for rule 43121 from 12.3.3</b></p>	<p>A non TSR Import with RCU and no Energy curve, will generate an Energy curve to support the RCU Award.</p>
<p><b>F25 - EDAM duplicate price segment data in processing rules supporting awards</b></p>	<p>(this was the 41333 rule fix)</p>
<p><b>F25: EDAM : Rule 33802 did not fire on non-integer or negative Capacity Limit</b></p>	<p>The TCL submitted for TSR must be greater than 0 and be a integer.</p>
<p><b>F25 - EDAM INA rule 39304, covered by 30025 BRQ-11140</b></p>	<p>The SC provided in the TCSC List must be a registered SC, it does not have to be the SC associated to the CRN. The CRN association belongs with the Transfer Location, and the CRN association is with the EESC.</p>
<p><b>F25 - EDAM INA rule 31936 Add 41955 for RCU processing BRQ-11210</b></p>	<p>41955 will check the RCU capacity, and if it is submitted greater than the certified capacity or the UEL it will cap the RCU capacity to the lower of. 31936 was inactivated but we also found that rule 31911 also needs to be inactivated to allow 41955 to process. That is coming in patch 27.</p>

# Parallel Operations Phases

- Phase 1: DA with transfer off, timeline of 2 weeks or till goals are met, with the following goals
  - Focus on the completeness of data by all participants
  - Review Market quality output as compared to production energy profile plan
  - Market review quality and review of results
  - EDAM entity to adjust Type 2 and Type 4 submissions to limit transfers
  - Though the RTM is not the focus, it will run continuously to support settlements. The RTM should generally solve 95% of the intervals (~15 failed RTM intervals).
    - Market post processing (MQS, filling, price cleanup, etc.) runs on Settlement TDs.
- Phase 2: DA with transfer on, timeline of 2 weeks or till goals are met, with the following goals:
  - Focus on Market review quality and review of results of DA output.
- Phase 3: DA transfer with RT, timeline remaining time of PO, with the following goals:
  - Focus on Market review quality and review with focus on DA/RT convergence.
  - Define “cutover dry run” concepts to test as we enter Phase 3

# Changes to configurable parameters to be enacted for trade date 3/6

- As discussed in last week's configurable parameters call, the following changes will be applied effective for DA trade date 3/6 in PO:
  - Envelope Multiplier Constraint
    - Current value: 85%
    - New value: 60%
  - Deployed Imbalance Reserve Factor
    - Current value: 100%
    - New value: 60%

# Are the RCU costs allocated to virtuals? Yes

- See new EDAM Tariff language for more details

## 11.8.6.5.3.1 RCU Tier 1 Cost Allocation Quantity

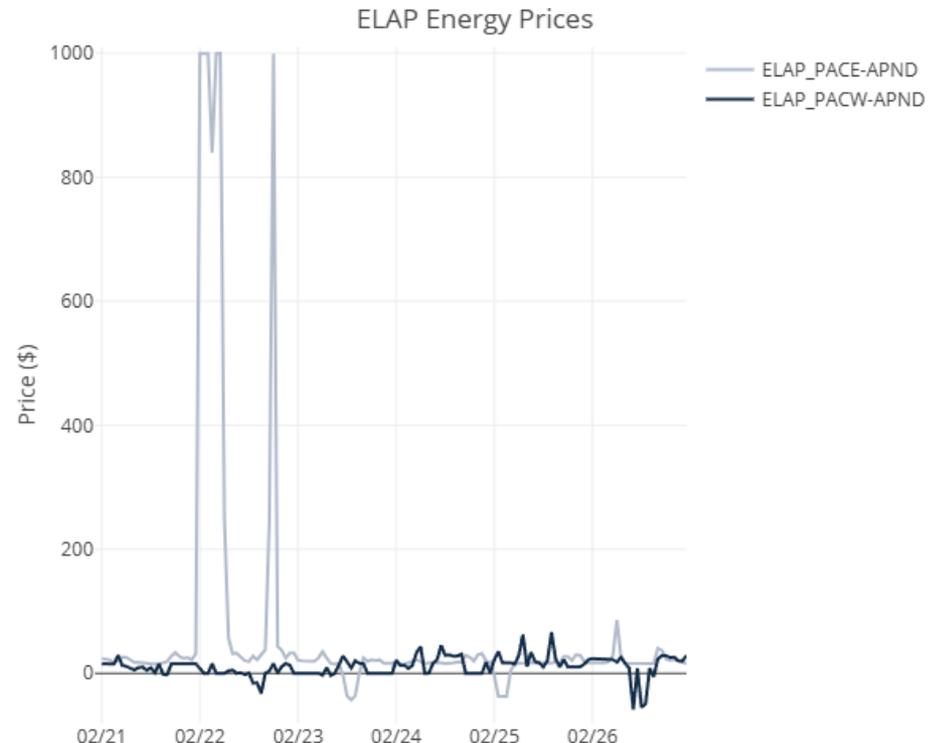
A Scheduling Coordinator's total RCU tier 1 cost allocation quantity is the sum of the tier 1 quantities, specified as follows.

For a Scheduling Coordinator with net Virtual Supply Awards in a Trading Hour, the RCU tier 1 cost allocation quantity associated with its Virtual Supply is the higher of: (a) zero; or (b) the Scheduling Coordinator's net Virtual Awards, if the Balancing Authority Area in which that Scheduling Coordinator is located has net Virtual Supply.

For a Scheduling Coordinator with under-scheduled Load in a Trading Hour, the RCU tier 1 cost allocation quantity associated with its under-scheduled Load is the net negative metered Demand, excluding net negative Demand associated with balanced ETC/TOR rights and negative deviation for Participating Load resulting from a market dispatch.

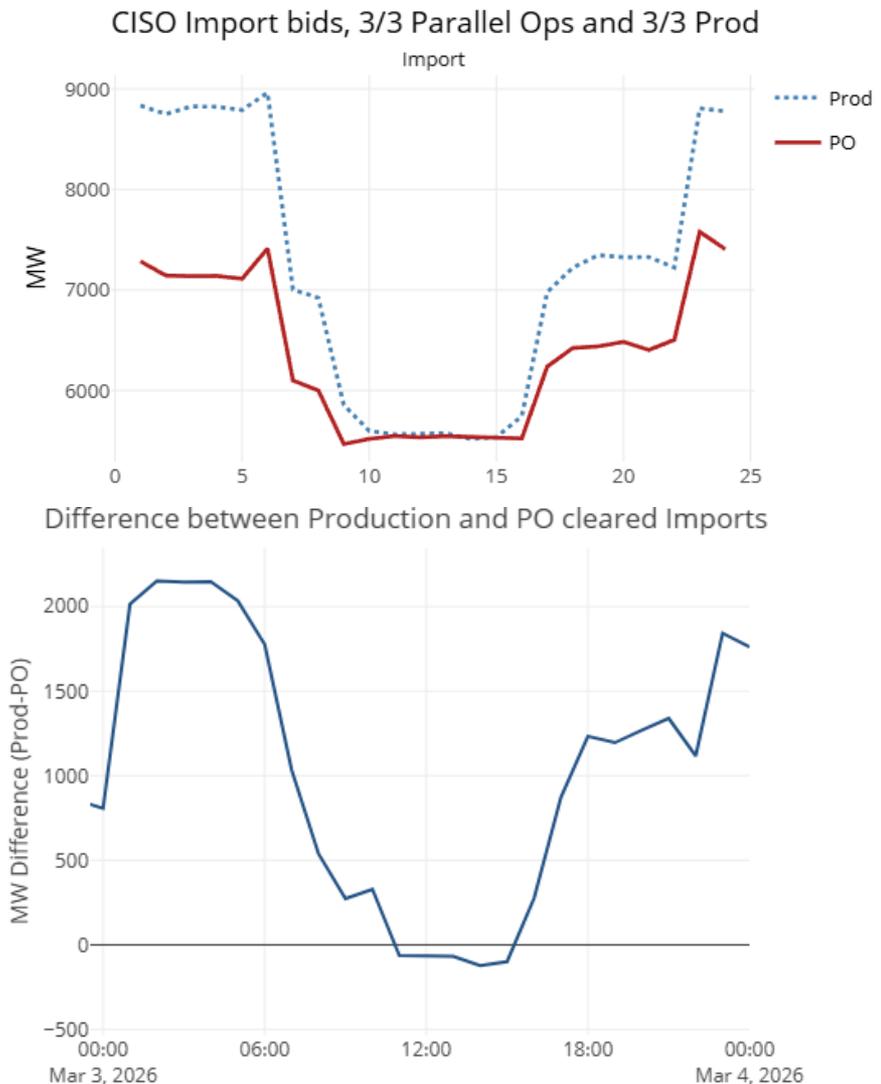
# RSE test – issues and fixes

- PACE was short in IFM on 2/22 but passed all their RSE tests – this was due to issues accounting for exports and self-schedules in RSE
- These issues have been fixed as of 3/5. A re-run of the 2/22 RSE now shows failures in those hours



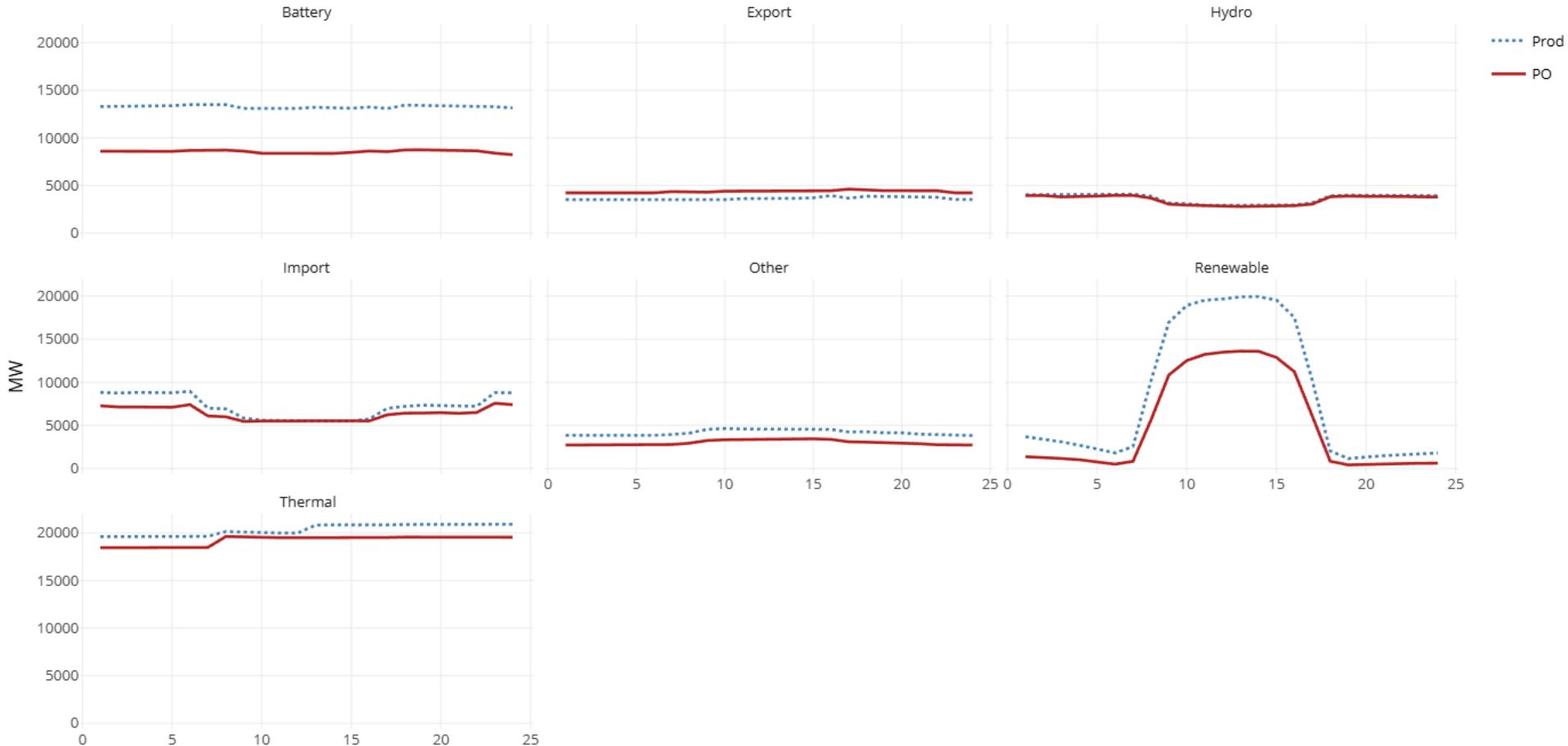
# Why are we clearing more imports in production than we see in PO? Missing bids

- An issue was identified that is dropping bids in parallel operations
- This issue does not only affect imports
- The issue is on the stage SIBR side, only impacts certain SCs, and the fix is being worked on



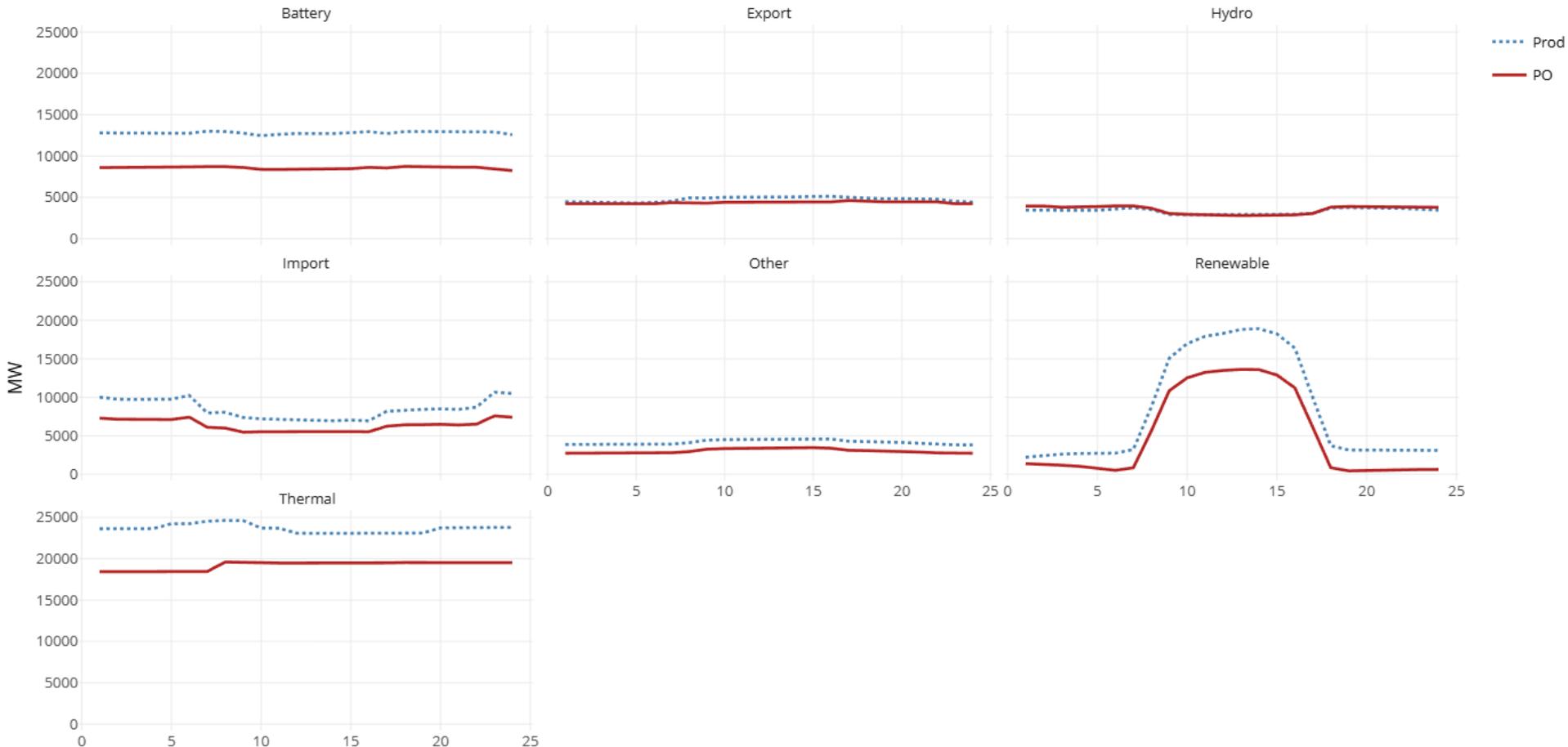
# There are significant missing bids for CISO in PO due to a SIBR issue. This is being worked on, should be fixed soon.

CISO energy bids, 3/3 Parallel Ops and 3/3 Prod



# There are significant missing bids for CISO in PO due to a SIBR issue. This is being worked on, should be fixed soon.

CISO energy bids, 3/3 Parallel Ops and 2/24 Prod (7 day lag)

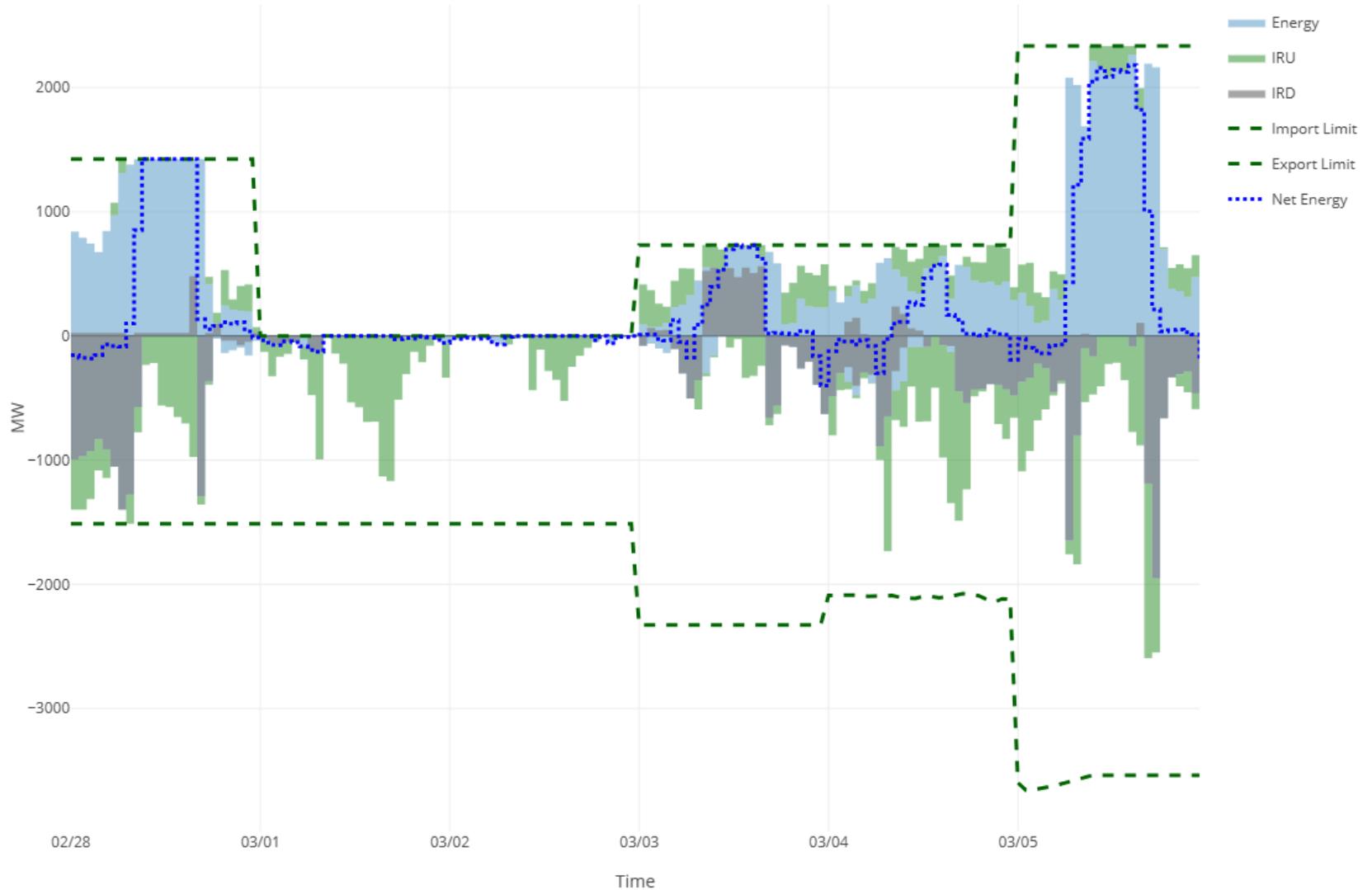


# Prices are higher in Parallel Ops than Production due to missing bids



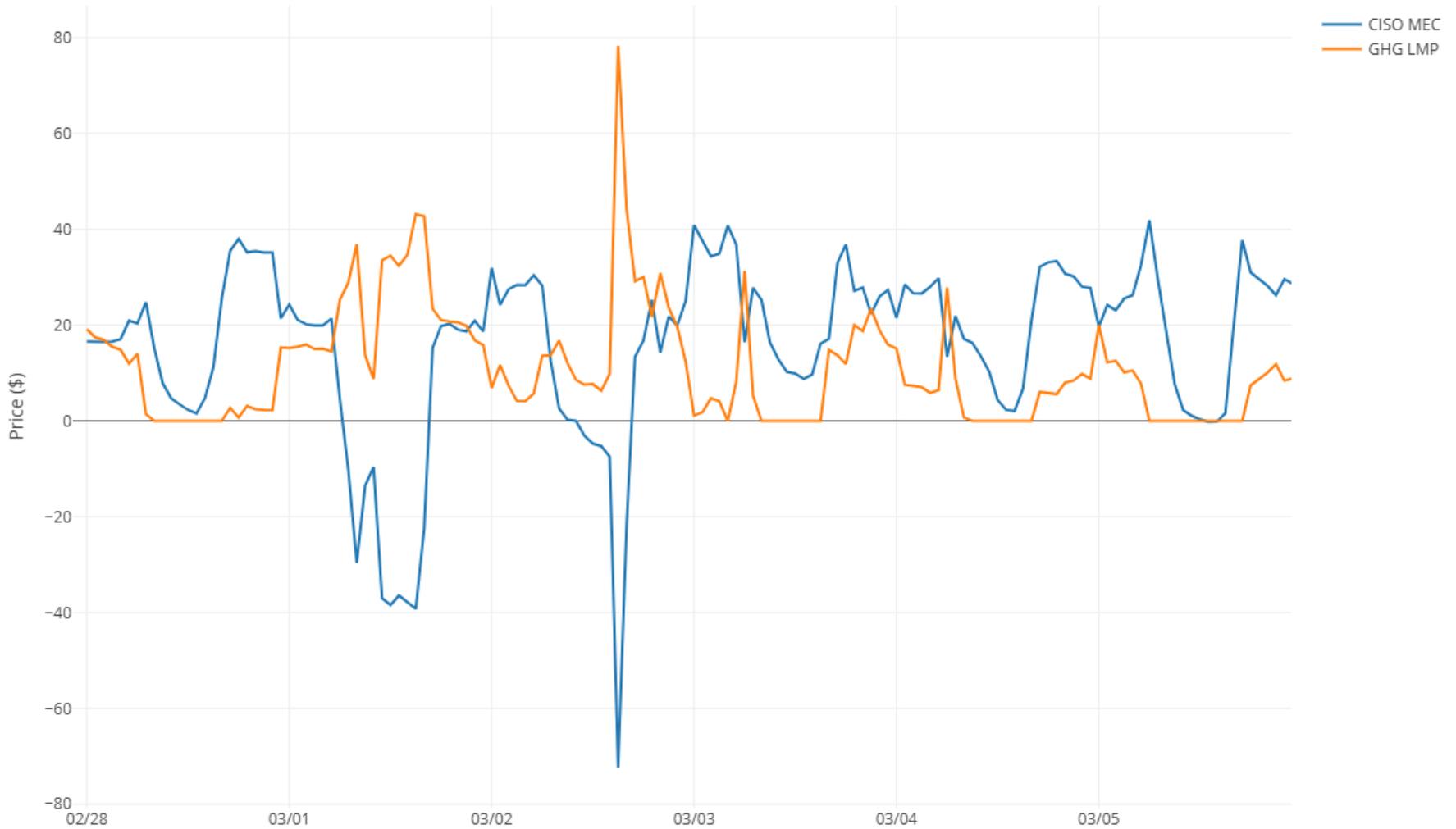
# CISO Transfers

Energy and IR TSR Optimized Transfers for CISO



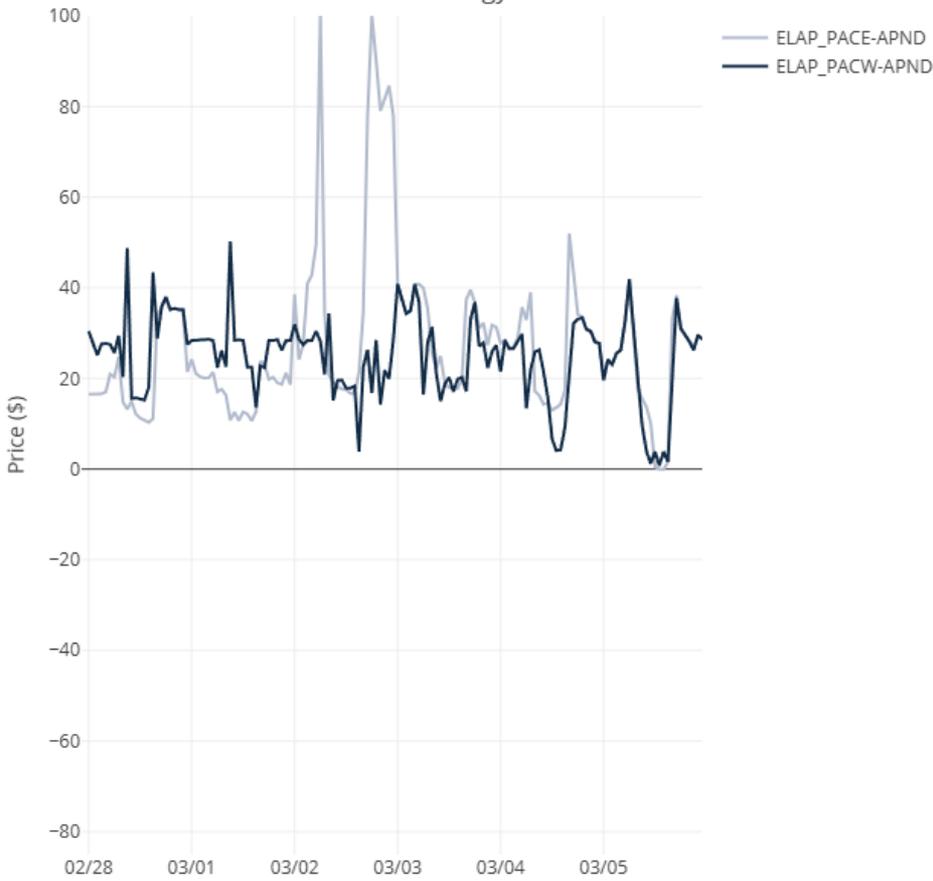
# CISO MEC and GHG

CISO MEC and GHG component of LMP

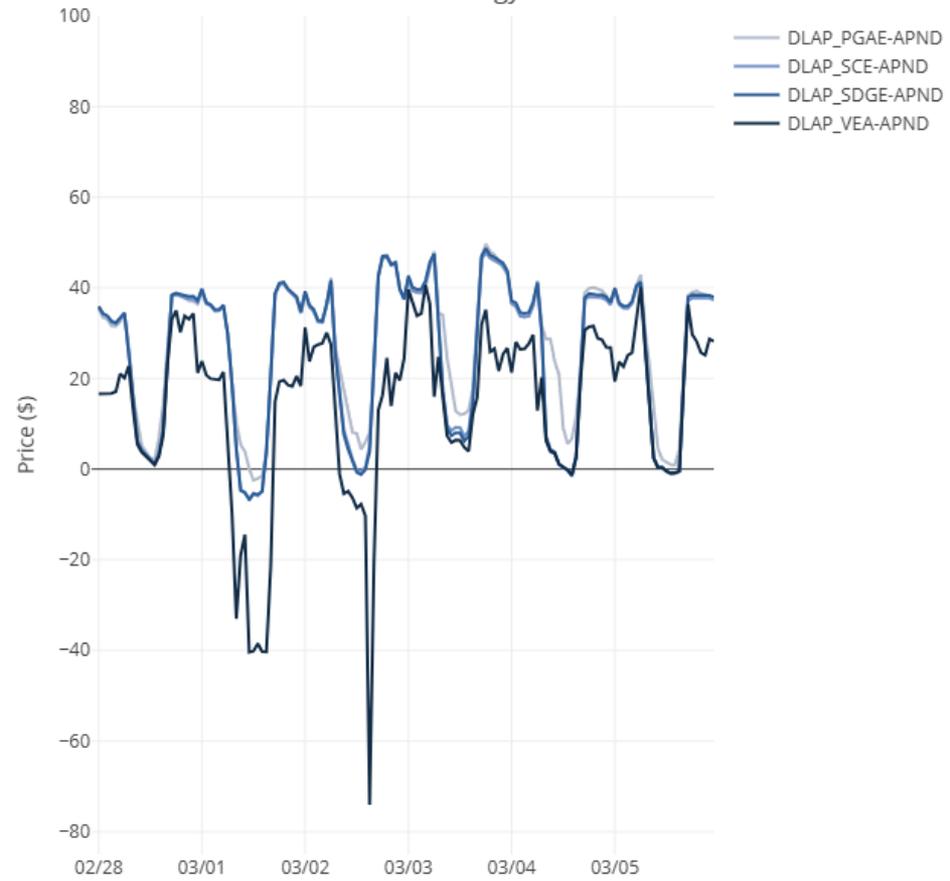


# Energy pricing update

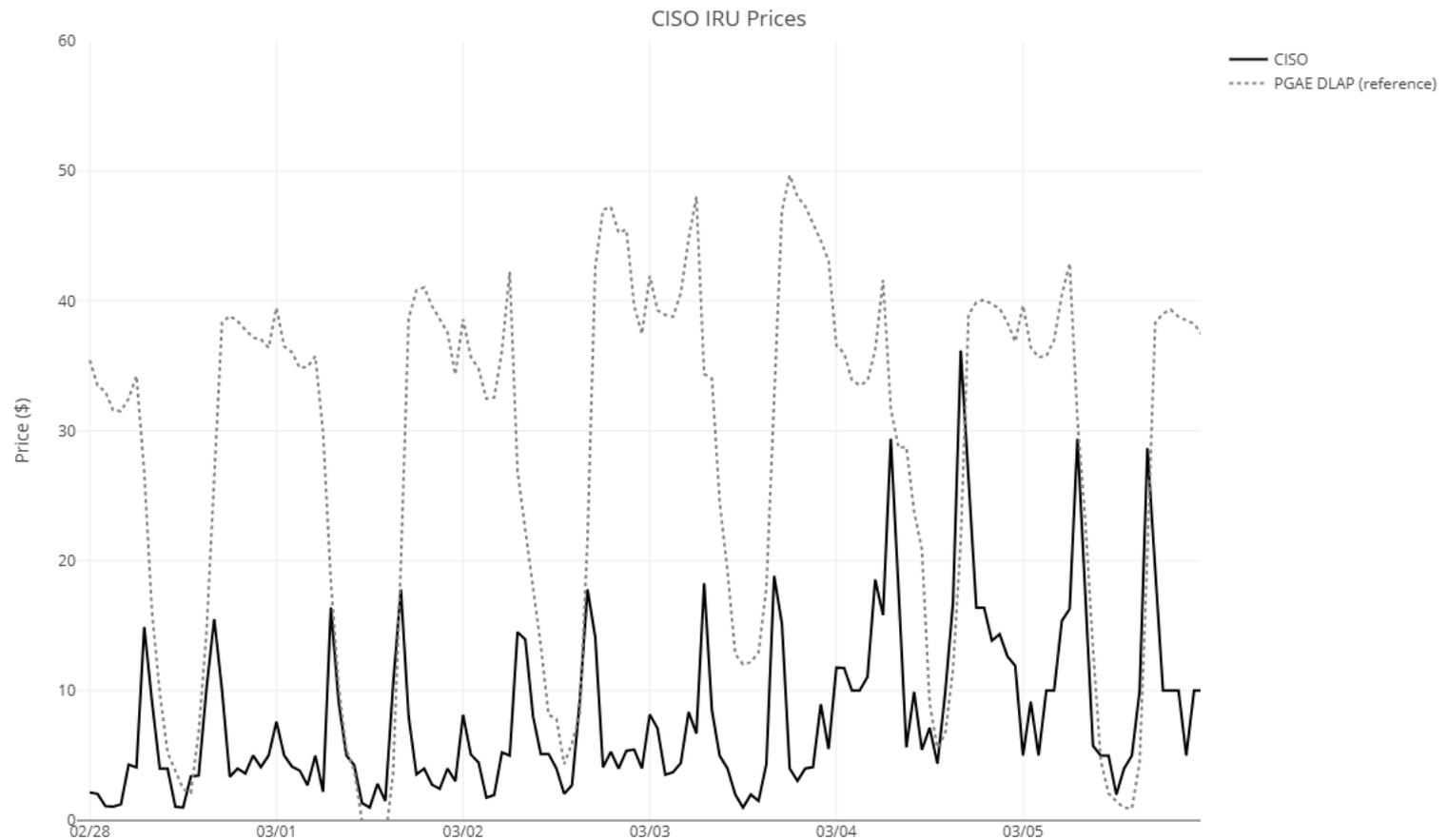
### ELAP Energy Prices



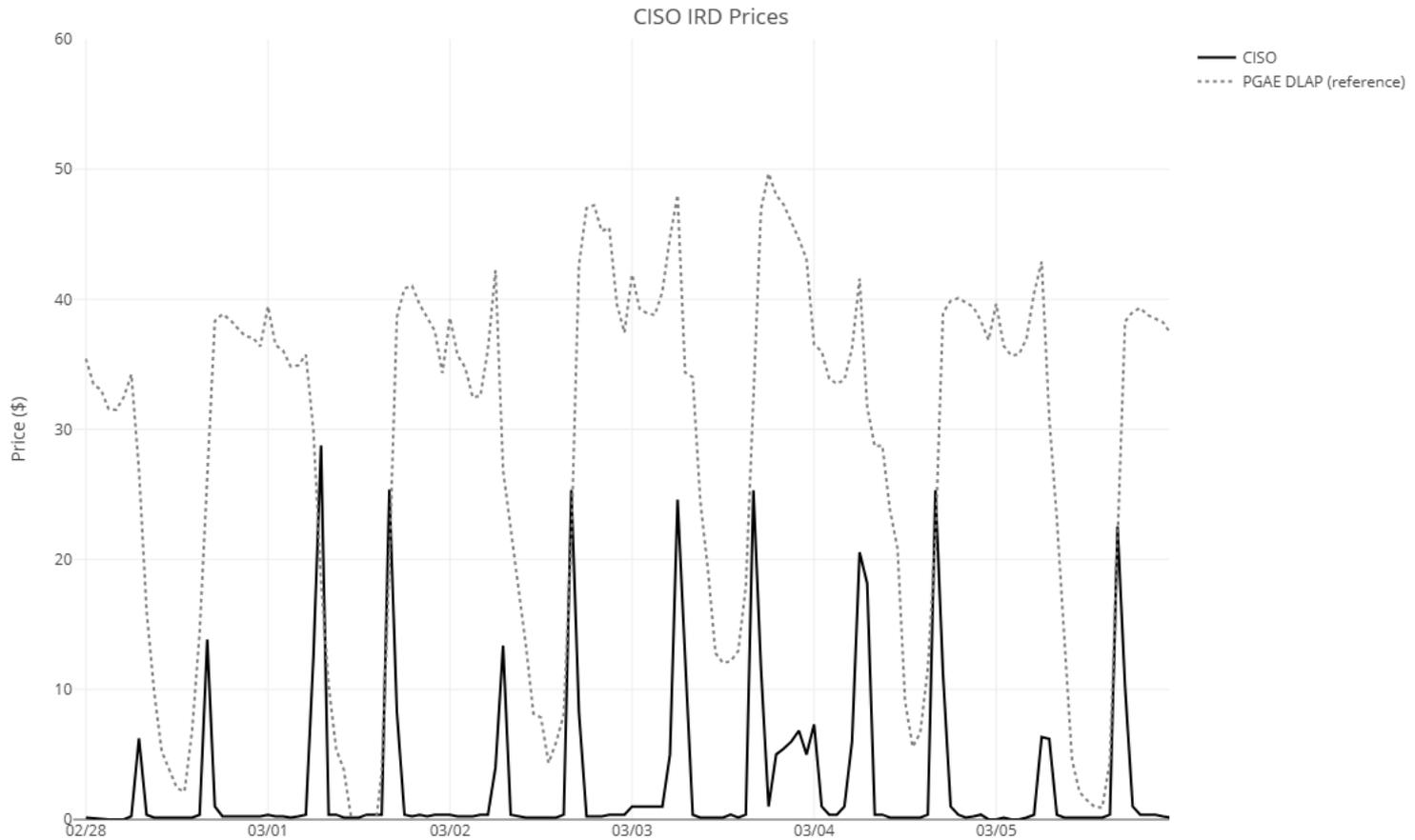
### DLAP Energy Prices



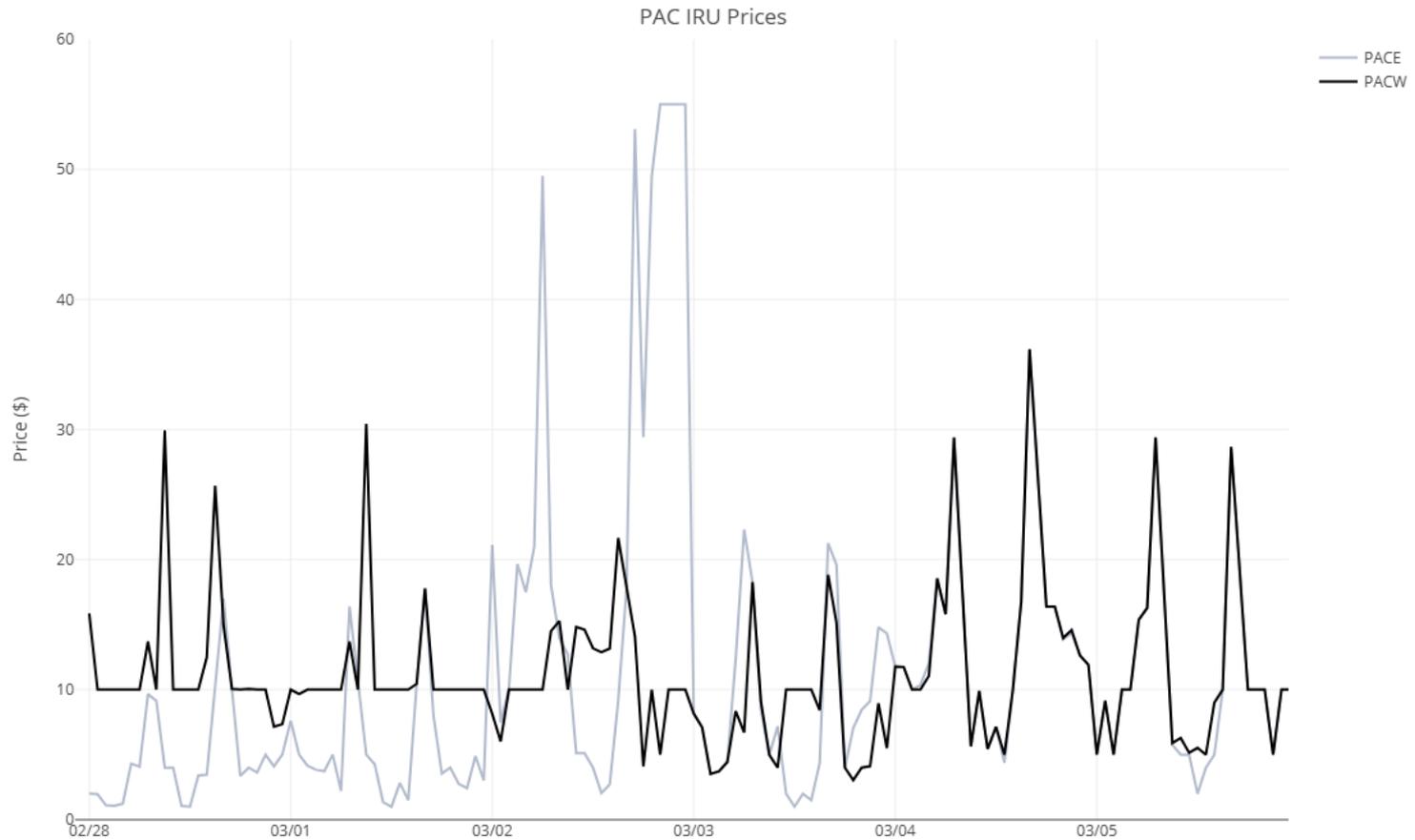
# CISO IRU pricing update



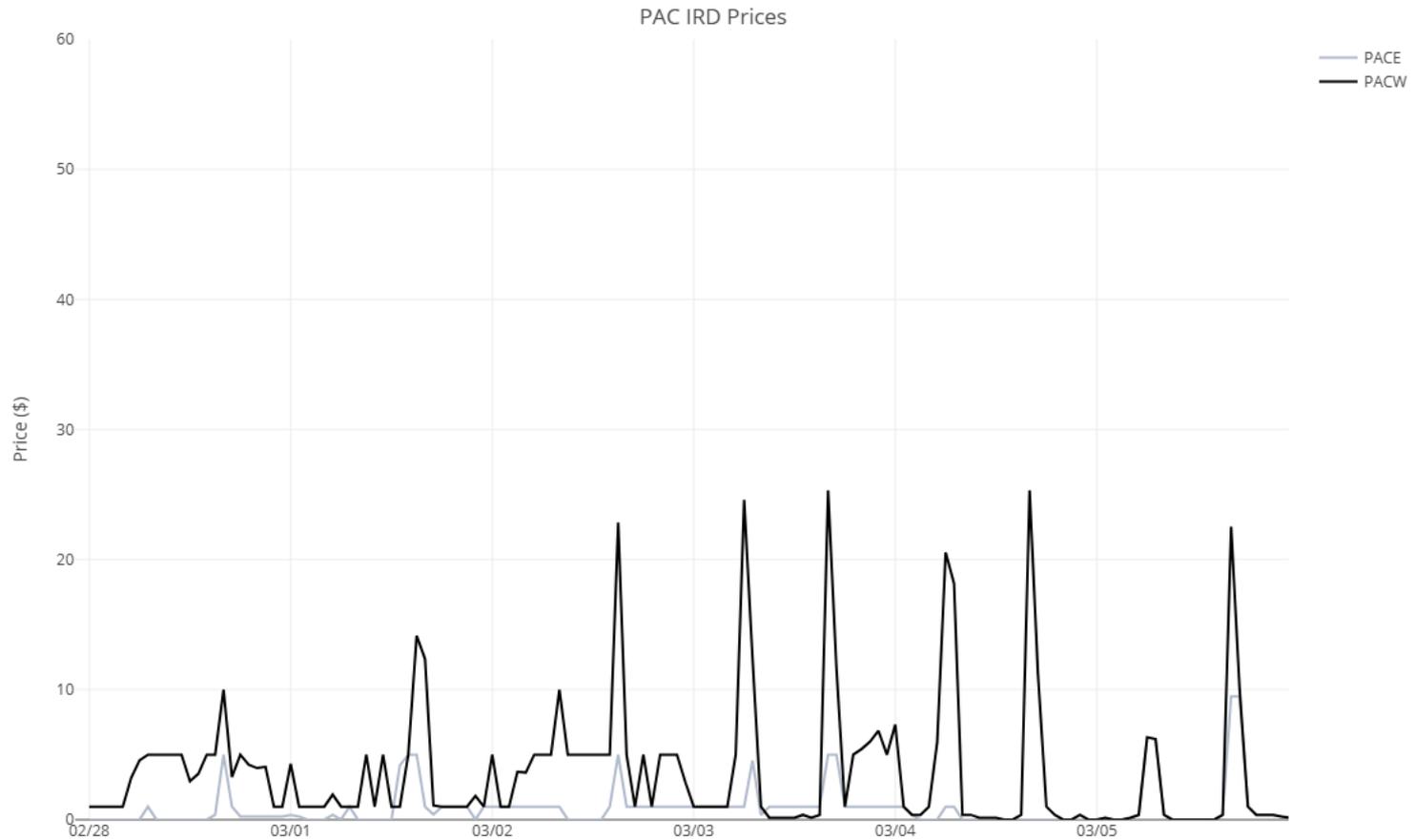
# CISO IRD pricing update



# PAC IRU pricing update



# PAC IRD pricing update



# EDAM Participant Training Courses

## SIBR Training Courses

### March 10: **SIBR Fundamentals**

- This training will explore the core interface, walk through submitting and validating Energy and AS bids, and review the resulting outputs.
- Target Audience: SIBR users
- Registration Link: <https://caiso.regfox.com/scheduling-infrastructure-and-business-rules-sibr-fundamentals>

### March 19: **SIBR Advanced Bid Submission & Validation**

- This training provides walk through complex bid-submission scenarios—including TSR Types 1–4, transient TSRs, contract reference numbers, and transfer capacity limits—and show how to resolve common errors step-by-step
- Target Audience: SIBR users
- Registration Link: <https://caiso.regfox.com/training-scheduling-infrastructure-and-business-rules-sibr-advanced-bid-submission--validation->

## SIBR Training Materials

Visit the [Western Energy Markets](#) page on the ISO Training Center:

- EDAM Scheduling Infrastructure Business Rules (SIBR) Training presentation & video
- [Transient Transfer System Resource Bid Submission in Scheduling Infrastructure Business Rules \(SIBR\)](#)

# Training Courses: Process for Submitting Bids / Schedules in SIBR

To find basic information on bids and base schedules, view the following resources:

- Computer-based training courses:
  - [Economic Bids and Self Schedules](#)
  - [EDAM Bidding Basic Concepts](#)
- Instructor led training presentations and recordings:
  - [EDAM Scheduling Infrastructure Business Rules \(SIBR\) Training presentation](#)
  - [EDAM Scheduling Infrastructure Business Rules \(SIBR\) Training video](#)
  - [Transient Transfer System Resource Bid Submission in Scheduling Infrastructure Business Rules \(SIBR\) Presentation](#)
  - [EDAM Bidding Intermediate – presentation](#)
  - [EDAM Scheduling Coordinator Training Day 2, September 11th, 2025 – recording](#)
- CAISO public [SIBR Bidding](#) webpage
  - [SIBR User Guide](#)

# Training Courses: Intertie Scheduling and Modeling

To find information on intertie scheduling and modeling, view the following resources:

- Instructor led training presentations and recordings:
  - [Presentation - EDAM Intertie Scheduling Readiness Training](#)
  - [Video - EDAM Intertie Scheduling Readiness Training](#)
  - [Presentation - Extended Day-Ahead Market \(EDAM\) Implementation - Intertie Scheduling Readiness Workshop - Jan 29, 2026](#)
  - [Video - Extended Day-Ahead Market EDAM Implementation - Intertie Scheduling Readiness and Q&A Session Workshop - Jan 30, 2026](#)
- Resources
  - [EDAM FAQ Guide](#), Intertie Scheduling and Modeling section

# Helpful Links

- [DAME Scenarios](#)
- [EDAM Scenarios](#)
- [Settlements Phase 1 Charge Codes](#)
- [Settlements Phase 2 Charge Codes](#)
- [Settlements DAME/EDAM Draft Config Outfile File](#)
- [Settlements BPM Walkthrough](#)
- [Access Charge Submission Template](#)
- [Access Charge Submission Procedure](#)
- [SIBR Rules](#)
- [Settlements Calendar](#)
- [Parallel Operations Plan](#)