WEIM Resource Sufficiency Evaluation Enhancement Phase 2 (RSEE2), Track 1 Pre-Market Sim Training

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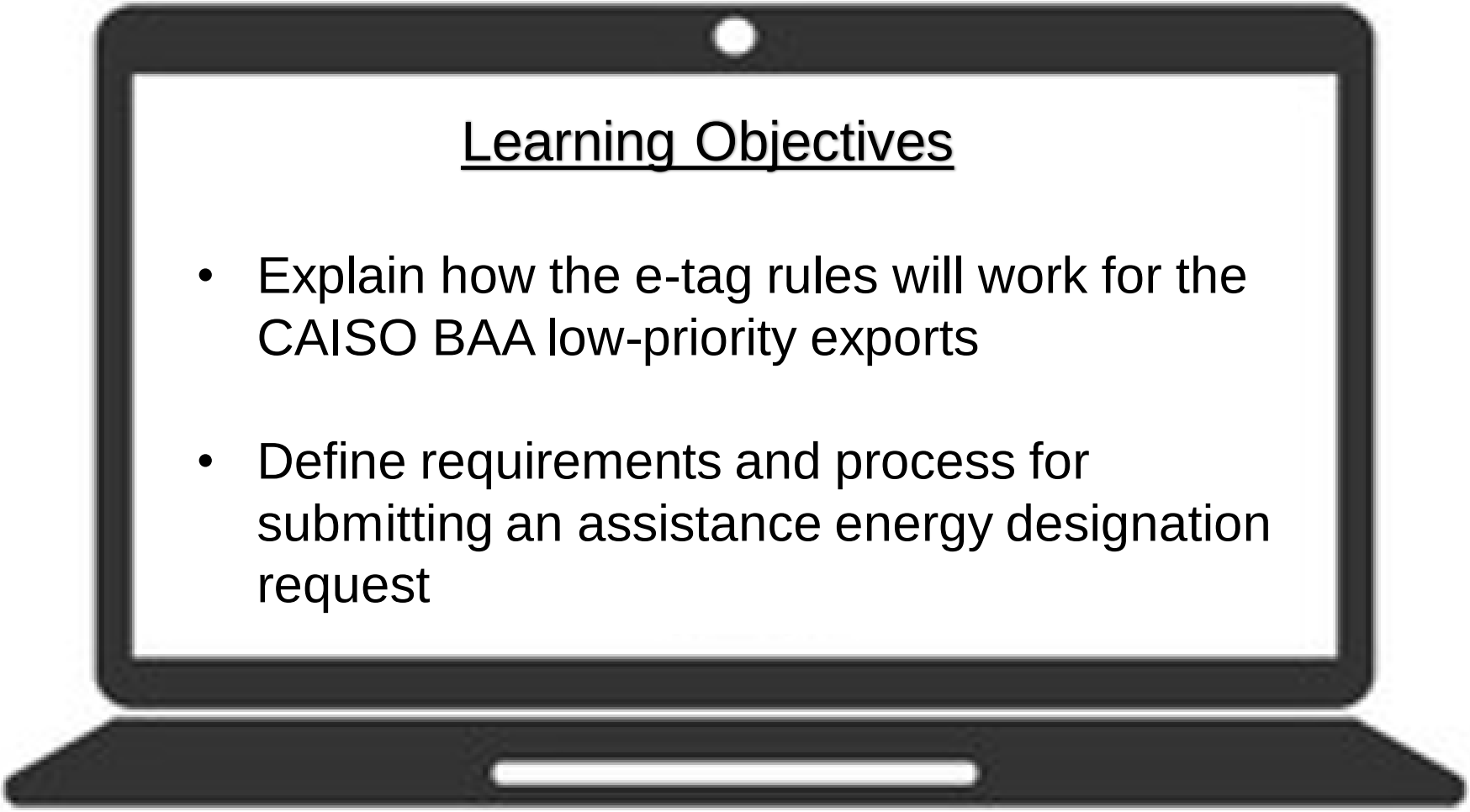
Learning Objectives
• Explain how the e-tag rules will work for the CAISO BAA low-priority exports
• Define requirements and process for submitting an assistance energy designation request

California ISO

RSEE Phase 2 Initiative Milestones

WEIM RSEE2, Track 1 Milestones (On track)

Milestone Type	Milestone Name	Dates	Status
Settlements Configuration Guides	Post draft Configuration Guides	05/01/2023	On track
External Training	Deliver external pre-market sim training	April 26. 2023	On track
Market Simulation	Market Sim Window	Starts May 1, 2023	On track
Production Activation	Production	June 1, 2023	On track

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RSEE Phase 2 Track 1 Changes

- Tagging Rules
- Assistance Energy Transfer
- New Settlements Charge Codes
- OASIS & CMRI reports

Tagging Rules

E-TAG RULES FOR LOWER MARKET PRIORITY EXPORTS FROM THE CAISO

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Changes on how LPT exports from the CAISO are tagged?

- Requires low-priority exports to be e-tagged as **Firm Provisional Energy (G-FP)**, with a designation of the associated CAISO Real-Time Market priority

- Identifies exports with lower priority for CAISO load that can be curtailed according to existing tariff rules within each operating hour and helps with the manual curtailment in an EEA3 event

- Removes low-priority exports from inclusion in the CAISO's upward capacity and upward flex RSE that are only scheduled in the Real-Time Market

NOTE:
- DAECON and RTECON are standard HASP awards that are results of economic bids.
- DALPT and RTLPT are self-schedules.
- Tagging as G-FP provides visibility to the Sync BA so that they know that this e-tag is backed by a low priority resource.

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What are the CAISO Lower Market Priority Type awards?

Priority Level	Markets		RA Determination
	DAM	RTM	
High Priority	ETC/TOR (including the CRN)	ETC/TOR (including the CRN)	Backed by non-supporting resources
	DAPT	RTPT	Backed by non-supporting resources
Low Priority	DALPT	RTLPT	Backed by supporting resources
	DAECON (DA economic exports that clear both RUC and HASP)	RTECON (RT economic exports that clear HASP)	Backed by supporting resources

DALPT, RTLPT, DAECON, and **RTECON** are lower market priority exports that may be subject to curtailment because they are backed by supporting resources.

Note: Supporting resource is another term used for Resource Adequacy (RA), which is a CAISO BAA program that ensures adequate physical generating capacity are dedicated to serving all load requirements and is available to meet peak demand and planning and operating reserves, at or deliverable to locations and at times as may be necessary to ensure local area reliability and system reliability.

Example – Create individual e-tags for different Market Priority Types

The Scheduling Coordinator (SC) has market awards to export 100MW out of CAISO BAA; however, the SC has been awarded different Market Priority Types.

RES_ID	Market Priority Type	MW awarded
ABCD_MALIN500_E_F_ABCD1	DALPT	25
ABCD_MALIN500_E_F_ABCD1	DAECON	25
ABCD_MALIN500_E_F_ABCD1	RTLPT	25
ABCD_MALIN500_E_F_ABCD1	RTECON	25

The SC creates an individual tag for each awarded Market Priority Type. In this example the SC has created 4 E-Tags, each for 25MW that total 100MW

Tag ID	MW Tagged	RES_ID	Generation Product Type	Misc. Info CAISO Priority Type
123ABCD	25	ABCD_MALIN500_E_F_ABCD1	G-FP	DALPT
123EFGH	25	ABCD_MALIN500_E_F_ABCD1	G-FP	DAECON
123IJKL	25	ABCD_MALIN500_E_F_ABCD1	G-FP	RTLPT
123MNOP	25	ABCD_MALIN500_E_F_ABCD1	G-FP	RTECON

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Accounting for Low-Priority Export's in the CAISO BAA's RSE Obligations

Exports are scheduled from…

ISO BAA based on the results of its market clearing process

WEIM BAAs for exports they know can be supported by their own resources

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Accounting for Low-Priority Export's in the CAISO BAA's RSE Obligations

For the CAISO, low-priority exports **can clear** the Real-Time Market based on supply from scheduling WEIM energy transfers into the CAISO

- May cause CAISO to fail the RSE even if it has sufficient supply to meet its RSE obligations.
  - This occurs because the RSE does not count WEIM energy transfers into a BAA as available supply but does count a BAA's RSE obligation for non-WEIM exports

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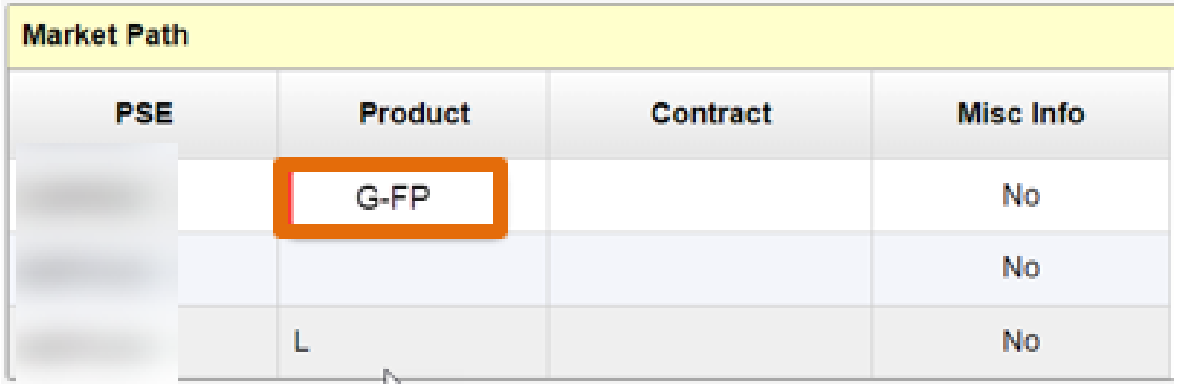
How is tagging going to work?

Purchasing Selling Entity (PSE) are required to include the **G-FP** for lower CAISO Market Priority Types in the Market Path (Product field)



Market Path			
PSE	Product	Contract	Misc Info
	G-FP		No
			No
	L		No

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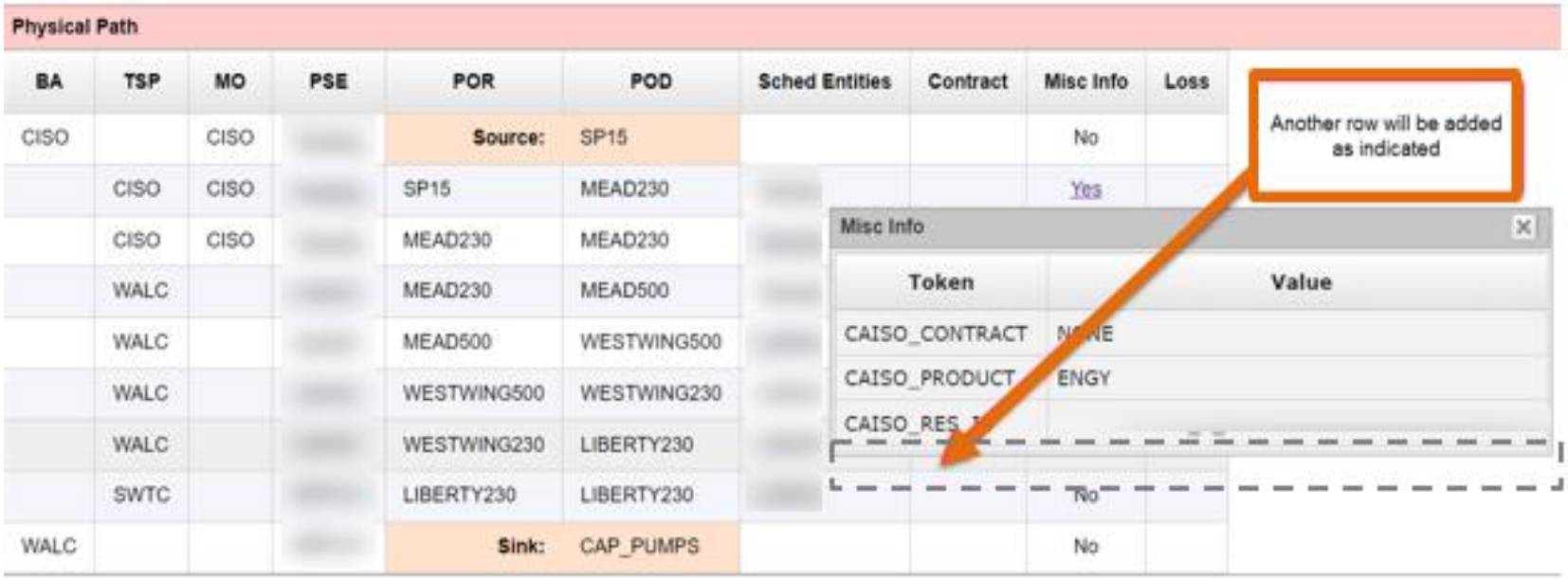
Backed Supporting Resources - Exports be e-tagged as 'Firm Provisional Energy (G-FP)'

According to the CAISO filed tariff:

> "...To accommodate curtailment of lower priority exports in the order set forth in Section 34.12.1, the CAISO will consider any schedule to export energy, other than an export backed by Generation from **non-Resource Adequacy Resource** Capacity, as **firm provisional energy**..."

What is tagging going to look like?

In the **Misc Info** field, a new requirement will be included to provide the 'CAISO Priority Type'



Physical Path

BA	TSP	MO	PSE	POR	POD	Sched Entities	Contract	Misc Info	Loss
CISO		CISO		Source:	SP15			No	
	CISO	CISO		SP15	MEAD230			Yes	
	CISO	CISO		MEAD230	MEAD230				
	WALC			MEAD230	MEAD500				
	WALC			MEAD500	WESTWING500				
	WALC			WESTWING500	WESTWING230				
	WALC			WESTWING230	LIBERTY230				
	SWTC			LIBERTY230	LIBERTY230			No	
WALC				Sink:	CAP_PUMPS			No	

Misc Info

Token	Value
CAISO_CONTRACT	<Enter your registered CRN (for ETCs, TORs or CVR's) or 'NONE'>
CAISO_PRODUCT	<Specify if it is an 'ENGY', 'SPIN', or 'NSPIN'
CAISO_RES_ID	<Enter your registered Resource ID>
CAISO_PRIORITY_TYPE	<Enter your CAISO Market Awards Priority Types with the exception of CRNs>

Tagging Rules

CURTAILMENT DURING EMERGENCY CONDITIONS

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What does LPT priority curtailment look like during Emergency Conditions?

CAISO BAA System Operators will curtail these exports within the hour when it does not have enough resources to meet its load and reserve obligations

To accommodate curtailment of lower priority exports, CAISO will consider any schedule to export energy, other than an export backed by Generation from non-Supporting Resource Capacity, as firm provisional energy

Market Operations BPM - Section 6.3.2 Interchange Transactions & E-Tagging

"…for CAISO Day Ahead awards of market priority type DALPT or DAECON for which the CAISO is responsible for the contingency reserves, the corresponding E-Tag Energy Product Type shall equal Firm Provisional (G-FP[1]). This properly communicates to the sink BA that if, in the event of a contingency to recover contingency reserves or in the event the CAISO is reducing these awards in HASP due to scheduling priorities in the CAISO BA, the E-Tag may be subject to adjustment based on the HASP award, or curtailment based on need following a contingency or resource deficiency in the CAISO when the CAISO is operating in an EEA 3. In addition, the MISC field shall include the relevant market priority type DAPT, DALPT, DAECON, RTPT, RTLPT, RTECON…"

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How does the operator determine which LPT to be curtailed first during emergency?

According to the CAISO proposed tariff, CAISO would curtail lower priority exports schedules in the following order:

1) Real-Time economic hourly block export schedules that cleared HASP **(RTECON)**

2) Real-Time Self-Schedule hourly block export schedules **not** backed by Generation from non-Resource Adequacy Capacity and cleared HASP **(RTLPT)**

3) Day-Ahead hourly block export schedules not backed by Generation from non-Resource Adequacy Capacity that also cleared HASP **(DAECON)**

4) Day-Ahead Self-Schedule hourly block export schedules **not** backed by Generation from non-Resource Adequacy Capacity and cleared HASP **(DALPT)**

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RSEE Phase 2 Track 1 Changes

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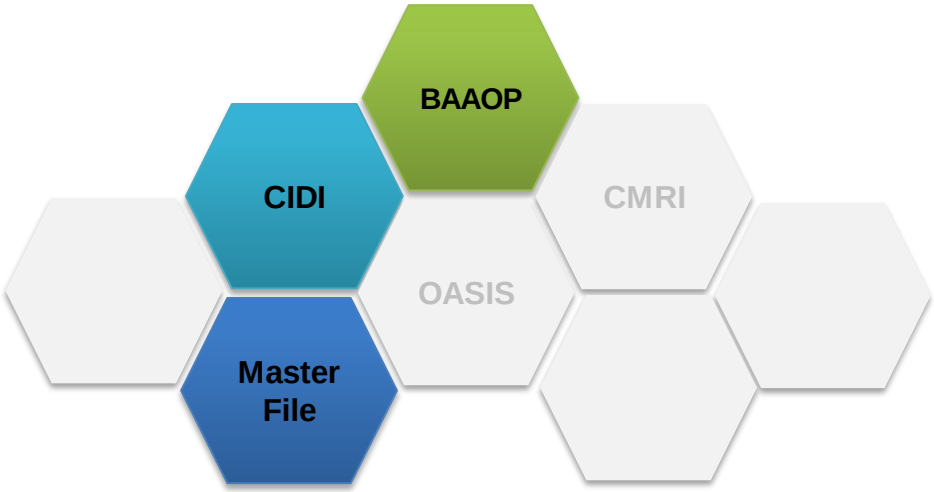
- New Settlements Charge Codes
- OASIS & CMRI reports



New Product

ASSISTANCE ENERGY TRANSFER

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What is Assistance Energy Transfer (AET)?

- New product introduced as part of RSEE Phase 2, Track 1

- Allows WEIM BAAs (including CAISO BAA):
  - To **not** have their ETSR transfers limited (per current rules) when they fail the upward RSE Capacity and Flex upward tests
    - Access to extra supply offered by other WEIM Entities

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How does it work?

- Each calendar day, the CAISO's market validation team, will act on behalf of the CAISO BAA.

- CAISO will:
  - Review multiple calendar days ahead
  - Have the authority to submit an assistance energy designation request based specific criteria.

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AET Opt-in criteria for CAISO BAA

Where today is day 1:

For any hour of Day 8 that has the following, the CAISO BAA has the authority to submit an "opt-in" assistance energy designation request for day 8

A. (RA capacity + RA credits) forecast < (demand forecast + contingency reserve requirement + regulation reserve + 5% of demand forecast)

B. (net RA capacity + RA credits) forecast < (net demand forecast + contingency reserve requirement + regulation reserve + 5% of net demand forecast)

If the CAISO BAA has the authority (through criteria "A" or "B" above) to submit an **"opt-in"/"opt-out"** assistance energy designation request for day 8 and day 8 is a Friday or a day that directly precedes one or more non-business days:

- **Then** the CAISO BAA also has the authority to submit an **"opt-in"/"opt-out"** assistance energy designation request for those non-business days that directly follow day 8

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AET participation is optional and comes at a cost

BAAs that opt-in to receive AETs will be subject to the WEIM Assistance Energy Transfer Surcharge when they fail the RSE

- Ex-post surcharge starting at $1000/MW
- Surcharge will be in addition to the applicable LMP cleared in the market for assistance energy transfers

Sunset by December 31, 2025

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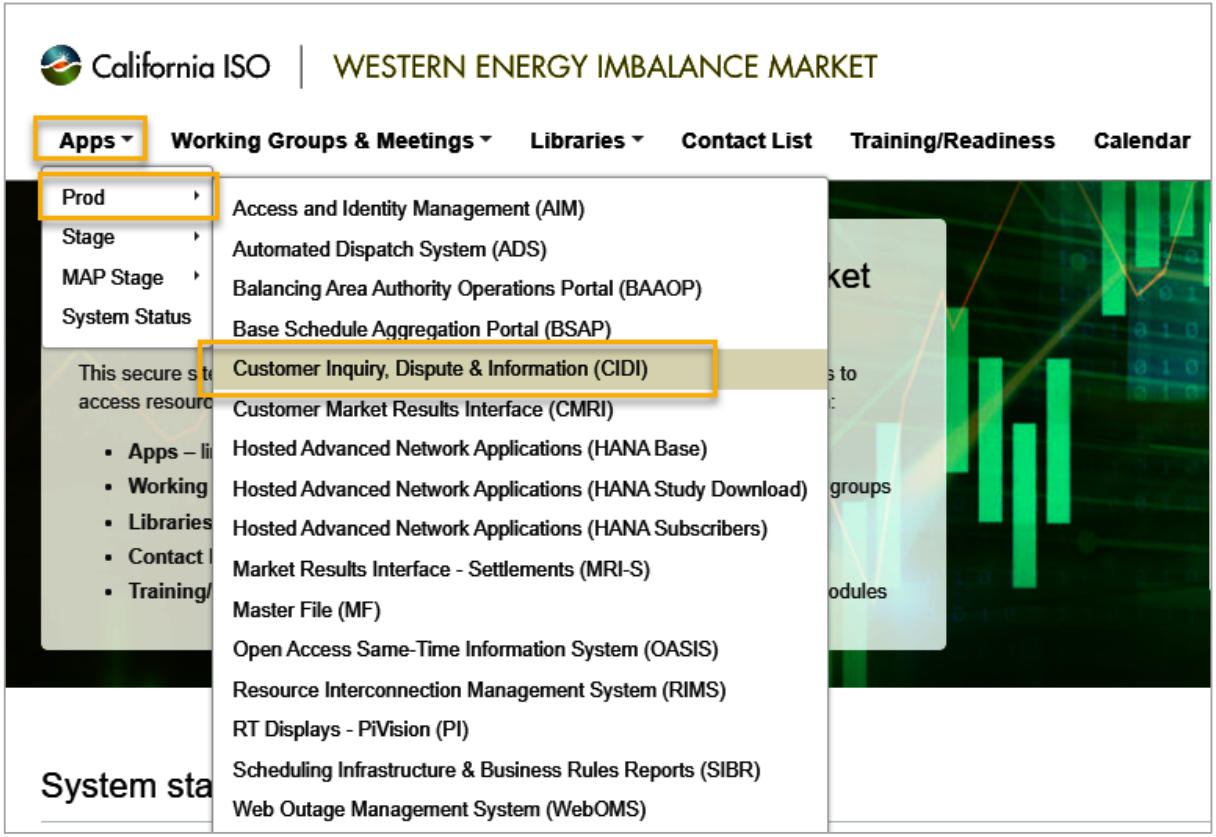
How do I opt-in to participate in AET?

CIDI

Elections to opt-in must be submitted to Master File through the **Customer Inquiry, Dispute, & Information (CIDI)** application

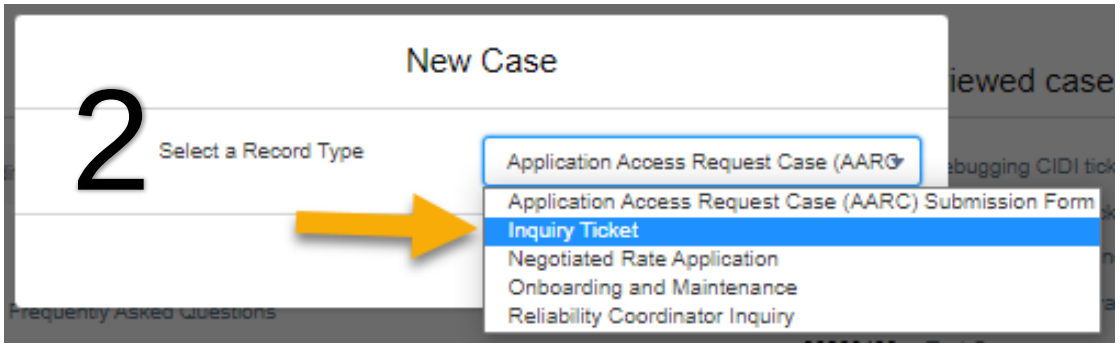
Access CIDI through:
- WEIM Portal
- Direct URL



WEIM Portal page: https://weim.caiso.com/
Direct CIDI link: https://caisocommunity.caiso.com/

CIDI Inquiry Ticket Submission

CIDI



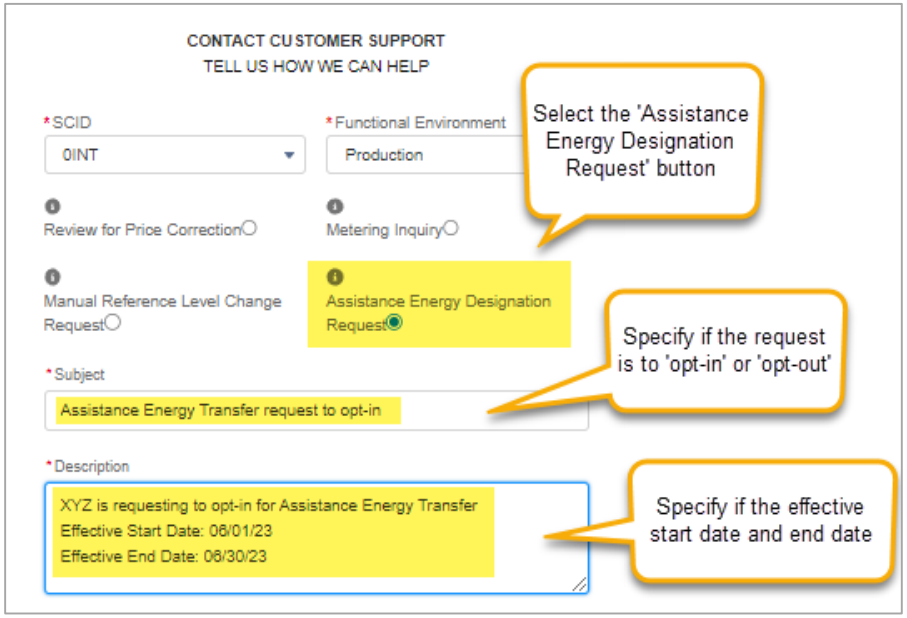
CIDI CBT - http://content.caiso.com/training/CIDIOverview/CIDIOverview.html
CIDI User Guide - https://www.caiso.com/Documents/CustomerInquiry_DisputeandInformation_CIDI_UserGuide.pdf

Assistance Energy Designation Request Button

CIDI

Election to ‘opt-in’ or ‘opt-out’ must include:

1) Selection of the Assistance Energy Designation Request button
2) Specify is the request is to ‘opt-in’ or ‘opt-out’
3) Effective Start Date
4) Effective End Date



Designation requests must be submitted by 11AM PST, at least 5 business days in advance of the effective start date.

Example – 5 Business Day Requirement

AET Designation requests must be submitted by 11am Pacific Standard Time at least 5 business days in advance of the effective start date.

Examples	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	Calendar Days
Regular week	●							✓									7
Regular week		●							✓								7
Regular week						●									✓		9
3-day holiday weekend		●								✓							8
3-day holiday weekend						●										✓	10
Mid-week holiday	●								✓								8
Thanksgiving weekend			●									✓					9
Thanksgiving weekend				●											✓		11

Legend

● Designation request submitted by 11am PST

✓ Earliest effective start date

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Opting-Out of AET

- No action is needed if you do not want to opt-in
- For each BAAs participating in the WEIM, the default value in the Master File for each trading day will be “opt-out” unless an “opt-in” designation request is submitted and processed

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How do we know if a BAA has elected to opt-in for AET?

CAISO BAA

The decision to opt-in by the CAISO will be posted in the Market Notification System (MNS) seven trade dates in advance of the effective start date if the start day is a business day.

This information will be displayed in OASIS under ATLAS REFERENCE > Messages > System Operation Messages

WEIM BAA

A new 'Assistance' status column will be available in the BAAOP application to display a list of WEIM BAAs that have elected to opt-in.

You can also view the AET flag in the Settlements Statement file for tracking your shadow settlements.

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New Settlements Charge Codes

CC 6476 REAL-TIME AET SURCHARGE
CC 6479 REAL-TIME AET ALLOCATION

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CC 6476 - Real Time Assistance Energy Transfer Surcharge

- New charge code:
  - Calculate the RT Assistance Energy Transfer Surcharge assessed for insufficient WEIM BAAs
- Receive data for the last binding RTBS run for hour T-40, which includes the corrected data
- Settlements shall consume on an hourly basis the RTM Bid Cap ($1,000/MWh or $2,000/MWh) from the Market

Settlements and Billing (PRR 1492) - Configuration Guides for CC 6476 & CC 6479

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CC 6476 - Real Time Assistance Energy Transfer Surcharge

CAISO BAA (Opt-In)

Settlements shall sub-allocate the charged Assistance Energy Transfer Surcharge cost for CAISO BAA to SCs, pro rata to their Measured Demand in relationship to CAISO BAA Measured Demand

WEIM BAA (Opt-in)

Settlements shall allocate the charges to the Entity SC and Entity SC can sub-allocate at their discretion

For BAAs that 'opt-out' of AET, the applicable Real Time Assistance Energy Transfer shall be set to zero

Settlements and Billing (PRR 1492) - Configuration Guides for CC 6476 & CC 6479

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CC 6479 - Real Time Assistance Energy Transfer **Allocation**

- New charge code:
  - **Allocate** assistance energy transfer revenue between WEIM BAAs that provided extra supply
- Sum of Real-Time Assistance Energy Transfer surcharge revenue that are collected from all insufficient WEIM BAAs
  - allocated to all other sufficient WEIM BAAs that have passed both RSE Capacity Test and Flexible Ramping Test
  - pro rata to their net exports beyond base transfer
- Sub-allocate surcharge revenue by CAISO to SCs providing incremental net RT imbalance energy (FMM IIE, RTD IIE and/or UIE)
  - excludes non-participating loads. (for CAISO BAAs)

Settlements and Billing (PRR 1492) - Configuration Guides for CC 6476 & CC 6479

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Scenario – A (Net Import is less than Failed Capacity Quantity)

If a BAA:
- Opts-in for AET
- Fails their RSE tests (RSE Capacity Up or Flex Ramp Up)

Then:
If the net imports (any incremental transfer energy from the base schedule) < RSE failed qty, the surcharge qty = Difference between net imports - applicable credit (ABC Reg up/Regulation up minus no pay for CISO).

Example A

BAA failed quantity = 100MW
BAA net import = 80MW
BAA Reg up = 20MW

Surcharge qty = 60MW

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Scenario – B (Net Import is greater than Failed Capacity Quantity)

If a BAA:
- Opts-in for AET
- Fails their RSE tests (RSE Capacity Up or Flex Ramp Up)

Then:
If the net imports is > Failed Capacity Quantity, the surcharge quantity is capped at the failed quantity.

Example B

BAA failed quantity = 100MW
BAA net import = 150MW

Surcharge qty = 100MW

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Additional items to note…

- The AET Election Bill Determinant is a published in MRI-S through settlement statement files.
- The formula for the AET surcharge will be included in the Settlements & Billing BPM.
- When a WEIM BAA opts-in and if your Available Balancing Capacity (ABC) Reg up ultimately reduces your net import to 0, your surcharge quantity will be 0.
- The ABC credit does not trigger unless the surcharge is applied to the net WEIM transfers into the Balancing Authority Area. This only happens if the net WEIM transfers into the BAA are lower than the RSE failure amount.
- If your net imports are less than your failed capacity, the surcharge will be the difference between your net imports and ABC reg up (capped at 0). If your net imports are higher than your failed capacity qty then your surcharge is capped at the failed capacity quantity.
- ABC Reg up for WEIM Entities or Reg up for CAISO BAA does not count towards the Assistance Energy Transfer Quantity that is subject to a surcharge.

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Questions?

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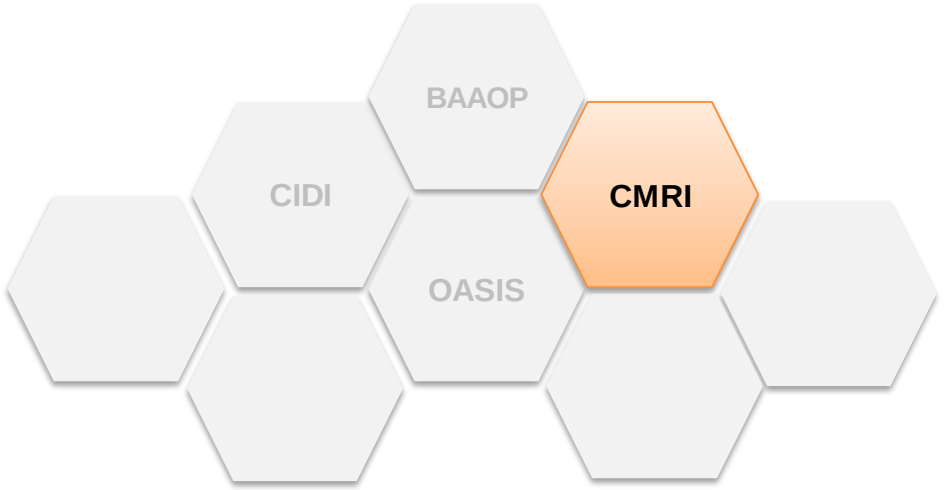
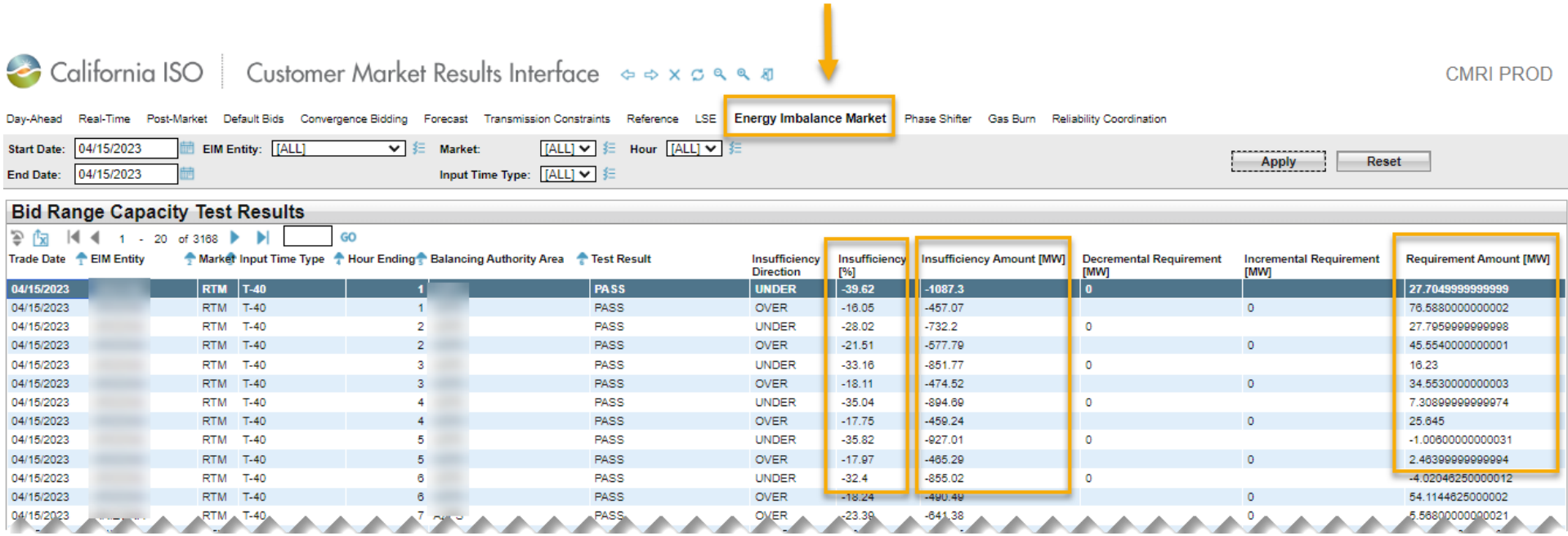


Open Access Same Time Information System (OASIS)

REPORT UPDATES

Moving report elements from two existing CMRI reports to OASIS - Flexible Ramp Requirement Sufficiency Test Results

CMRI

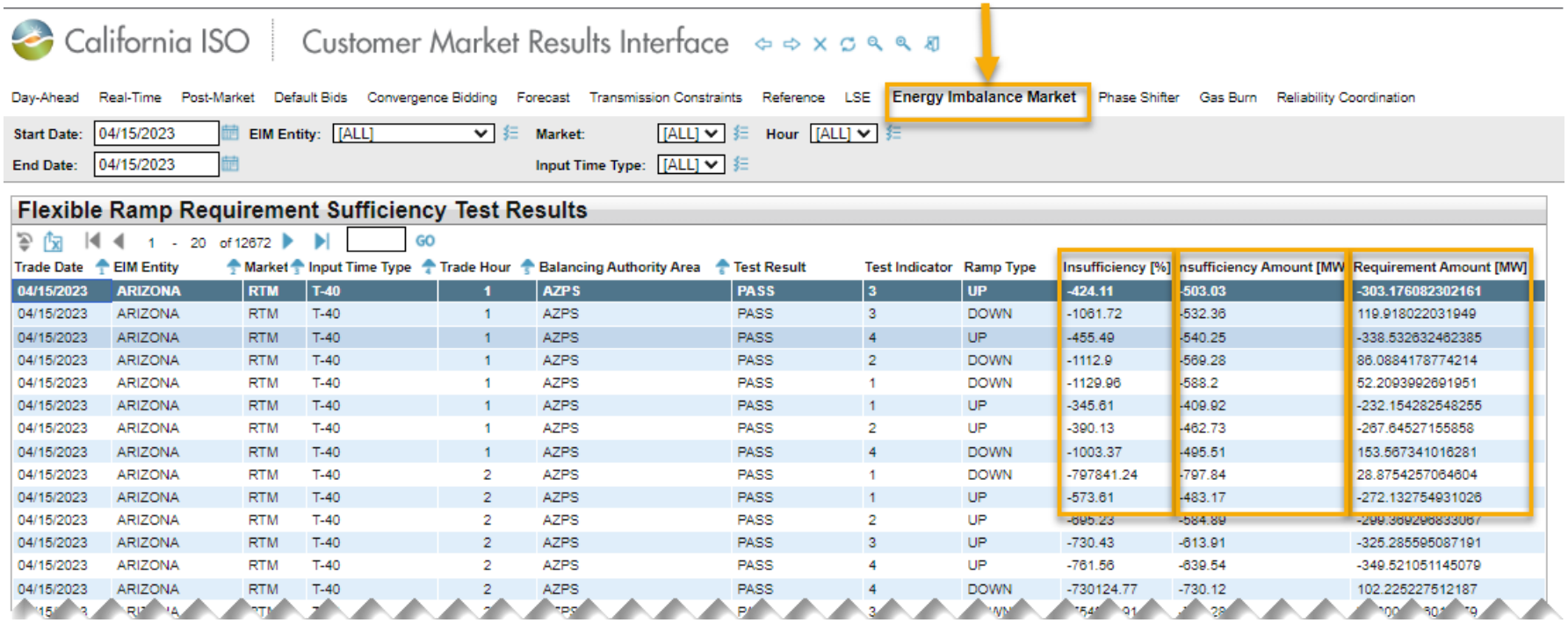


Trade Date	EIM Entity	Market	Input Time Type	Hour Ending	Balancing Authority Area	Test Result	Insufficiency Direction	Insufficiency [%]	Insufficiency Amount [MW]	Decremental Requirement [MW]	Incremental Requirement [MW]	Requirement Amount [MW]
04/15/2023		RTM	T-40	1		PASS	UNDER	-39.62	-1087.3	0		27.7049999999999
04/15/2023		RTM	T-40	1		PASS	OVER	-16.05	-457.07		0	76.5880000000002
04/15/2023		RTM	T-40	2		PASS	UNDER	-28.02	-732.2	0		27.7959999999998
04/15/2023		RTM	T-40	2		PASS	OVER	-21.51	-577.79		0	45.5540000000001
04/15/2023		RTM	T-40	3		PASS	UNDER	-33.16	-851.77	0		16.23
04/15/2023		RTM	T-40	3		PASS	OVER	-18.11	-474.52		0	34.5530000000003
04/15/2023		RTM	T-40	4		PASS	UNDER	-35.04	-894.69	0		7.30899999999974
04/15/2023		RTM	T-40	4		PASS	OVER	-17.75	-459.24		0	25.645
04/15/2023		RTM	T-40	5		PASS	UNDER	-35.82	-927.01	0		-1.00600000000031
04/15/2023		RTM	T-40	5		PASS	OVER	-17.97	-465.29		0	2.46399999999994
04/15/2023		RTM	T-40	6		PASS	UNDER	-32.4	-855.02	0		-4.02046250000012
04/15/2023		RTM	T-40	6		PASS	OVER	-18.24	-490.49		0	54.1144625000002
04/15/2023		RTM	T-40	7		PASS	OVER	-23.39	-641.38		0	5.56800000000021

After go-live, 6/1, no new data for these elements will be published. However, historical pre-activation data will not be affected and will still be available via UI and API.

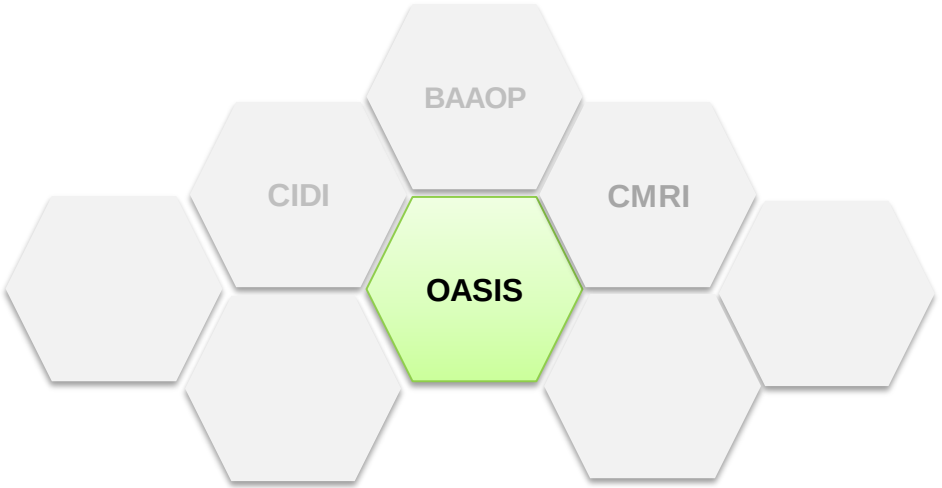
Moving report elements from two existing CMRI reports to OASIS - Flexible Ramp Requirement Sufficiency Test Results

CMRI



Trade Date	EIM Entity	Market	Input Time Type	Trade Hour	Balancing Authority Area	Test Result	Test Indicator	Ramp Type	Insufficiency [%]	nsufficiency Amount [MW	Requirement Amount [MW]
04/15/2023	ARIZONA	RTM	T-40	1	AZPS	PASS	3	UP	-424.11	-503.03	-303.176082302161
04/15/2023	ARIZONA	RTM	T-40	1	AZPS	PASS	3	DOWN	-1061.72	-532.36	119.918022031949
04/15/2023	ARIZONA	RTM	T-40	1	AZPS	PASS	4	UP	-455.49	-540.25	-338.532632462385
04/15/2023	ARIZONA	RTM	T-40	1	AZPS	PASS	2	DOWN	-1112.9	-569.28	86.0884178774214
04/15/2023	ARIZONA	RTM	T-40	1	AZPS	PASS	1	DOWN	-1129.96	-588.2	52.2093992691951
04/15/2023	ARIZONA	RTM	T-40	1	AZPS	PASS	1	UP	-345.61	-409.92	-232.154282548255
04/15/2023	ARIZONA	RTM	T-40	1	AZPS	PASS	2	UP	-390.13	-462.73	-267.64527155858
04/15/2023	ARIZONA	RTM	T-40	1	AZPS	PASS	4	DOWN	-1003.37	-495.51	153.567341016281
04/15/2023	ARIZONA	RTM	T-40	2	AZPS	PASS	1	DOWN	-797841.24	-797.84	28.8754257064604
04/15/2023	ARIZONA	RTM	T-40	2	AZPS	PASS	1	UP	-573.61	-483.17	-272.132754931026
04/15/2023	ARIZONA	RTM	T-40	2	AZPS	PASS	2	UP	-695.23	-584.89	-299.369296833067
04/15/2023	ARIZONA	RTM	T-40	2	AZPS	PASS	3	UP	-730.43	-613.91	-325.285595087191
04/15/2023	ARIZONA	RTM	T-40	2	AZPS	PASS	4	UP	-761.56	-639.54	-349.521051145079
04/15/2023	ARIZONA	RTM	T-40	2	AZPS	PASS	4	DOWN	-730124.77	-730.12	102.225227512187

After go-live, 6/1, no new data for these elements will be published. However, historical pre-activation data will not be affected and will still be available via UI and API.

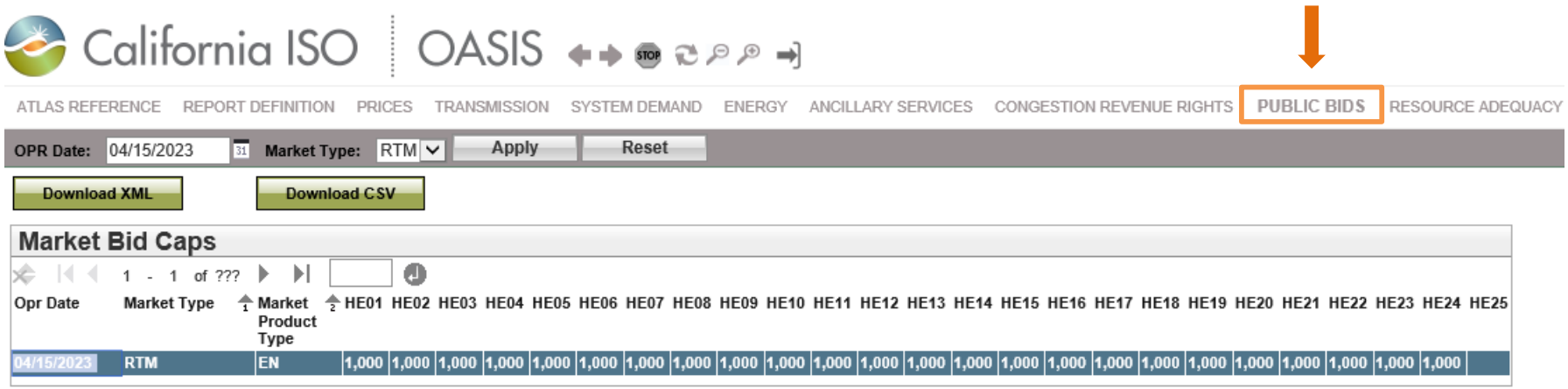


Open Access Same Time Information System (OASIS)

REPORT UPDATES

New Report – Market Bid Caps

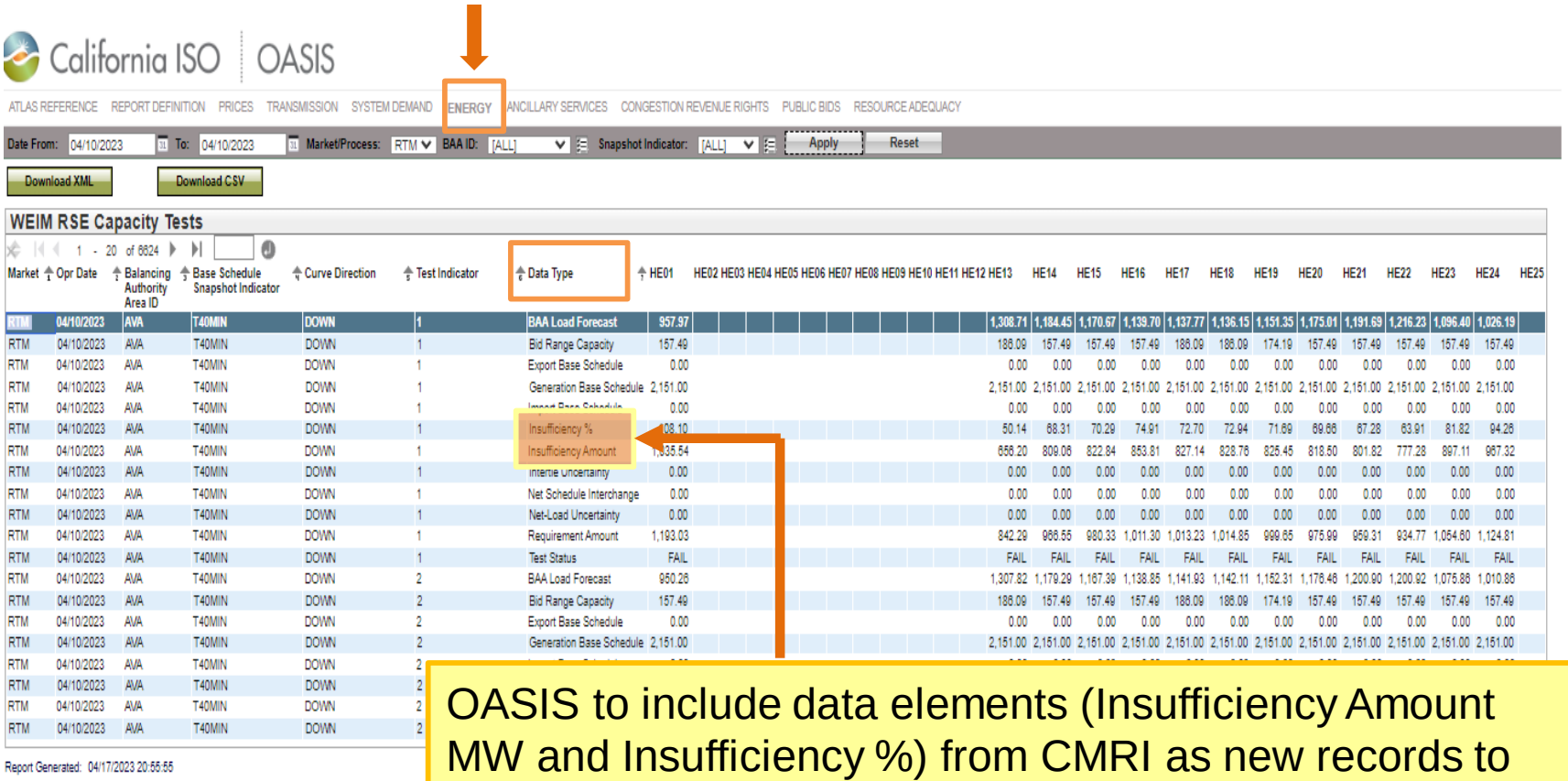
OASIS



This report publishes the Real-Time Market Bid Cap (e.g. $1000/MWh or $2000/MWh) on an hourly basis. This information is also available in SIBR.

Changes to existing OASIS report - WEIM RSE Capacity Tests

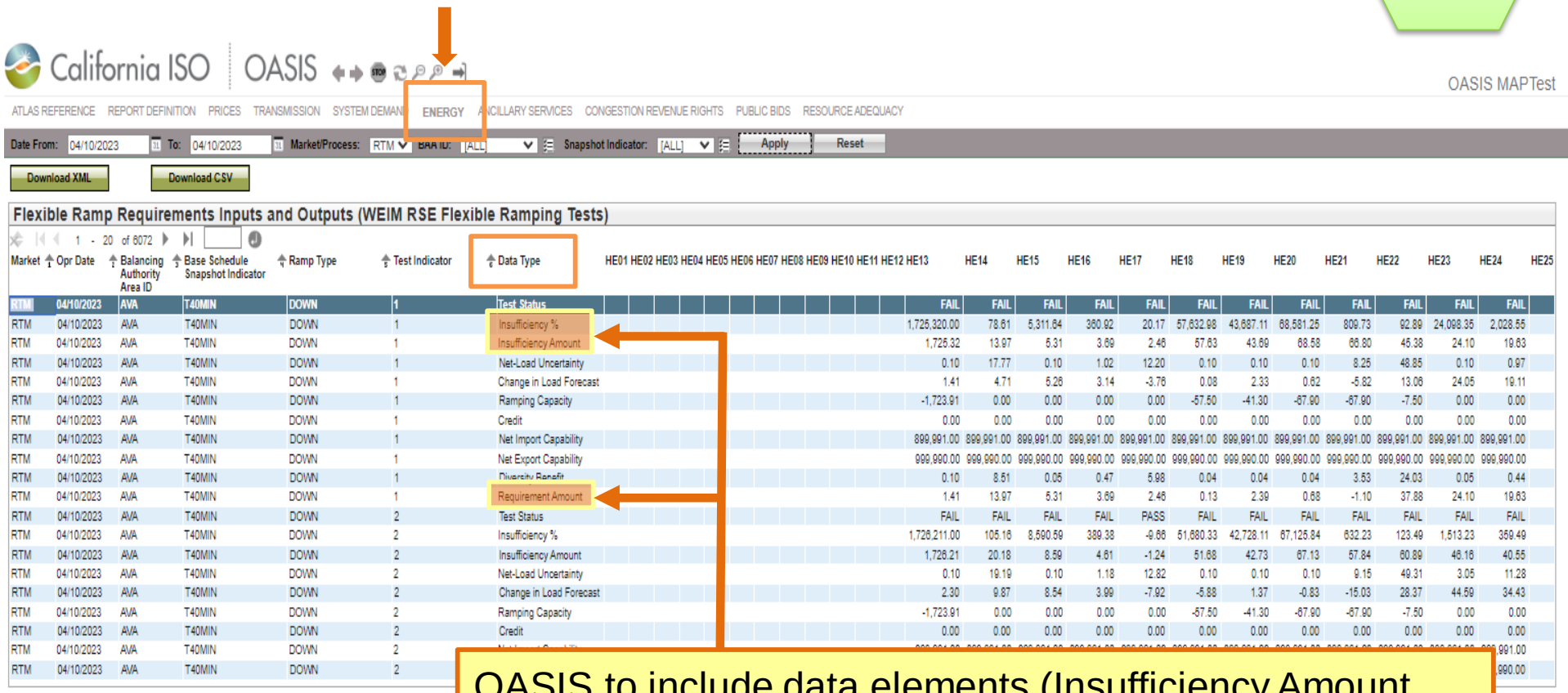
OASIS



OASIS to include data elements (Insufficiency Amount MW and Insufficiency %) from CMRI as new records to the "Data Type" field

Changes to existing OASIS report - Flexible Ramp Requirements Inputs and Outputs (WEIM RSE Flexible Ramp Tests)

OASIS



OASIS to include data elements (Insufficiency Amount MW, Insufficiency %, Requirement Amount) from CMRI as new records to the “Data Type” field

Questions?

California ISO

RSEE Phase 2 Track 1 Market Simulation

Market Simulation Timeline

- Register for Market Sim by email MarketSim@caiso.com.
  - Registration deadline was **April 23, 2023**
    - You can still register!
  - Run the scenarios
  - Validate expected market sim scenario outcomes

- Market Sim meetings start on **April 27, 2023**
  - View the CAISO public calendar for full schedule

- Market Sim starts on **May 1, 2023**

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Structured Scenario 1 – Assistance Energy Transfer

Structured Scenario 1 – RSEE2 T1		
1	Description	Facilitate simulation of assistance energy transfer opt-In functionality.
	ISO Actions	Facilitate failure of upward capacity test and/or flexible ramping test for WEIMs signed up for market sim.
	WEIM Market Participant Actions	1) WEIM market participants should opt-in for the assistance energy transfer functionality 2) Facilitate conditions to fail upward capacity test and/or flexible ramping test. 3) Submit ETSR Limits
	ISO Market Participant Actions	N/A
	Expected Outcome	When opted in, allow that BAA to receive WEIM assistance energy transfer by not enforcing the BAA Import transfer limit in the base scenario. Verify the RSE failure capacities and RTM bid cap in CMRI and OASIS.
	Anticipated Settlement Outcome	Verify assistance energy transfer charges and revenue allocation
	Expected Settlement Outcome	

Structured Scenario 2 – Firm Provisional (G-FP) e-tags

Structured Scenario 2 – RSEE2 T1		
2	Description	Facilitate submission of G-FP Export e-Tagging.
	ISO Actions	N/A
	WEIM Market Participant Actions	Market Participants should e-tag several export resources as "Firm Provisional Energy (G-FP)".
	ISO Market Participant Actions	N/A
	Expected Outcome	Market Participants verify G-FP e-tags in their own Web Smart Tag system. CAISO Operators will verify ITS for G-FP e-tags.
	Anticipated Settlement Outcome	N/A
	Expected Settlement Outcome	N/A

Market Simulation Questions?

Submit questions and/or concerns through the CIDI application.

Functional Environment, select: '**Market Simulation Summer 2023**'

Questions?

Recap

- New tagging rules for lower priority exports in the CAISO BAA.
  - The G-FP market priority type designation will send a signal to the Sync BA to let them know that the CAISO will appropriately curtail the resource in the day-ahead/real-time market to minimize the export of supporting resource capacity dedicated to CAISO load during tight system conditions.
  - This new e-tag requirement impacts both CAISO BAAs and WEIM BAAs. I
  - You can see if you're the e-tag is designated as G-FP in your webSmart tag software.

- New requirement to specify the 'Priority Market Type' to Generation – Firm Provisional (G-FP) for lower priority e-tags for the following market awards types: (DALPT, DAECON, RTLPT, RTECON).

- New voluntary Assistance Energy Transfer product is available for WEIM BAAs and CAISO BAA with specific submission requirements and will sunset by 12/31/25.

- Creation of new charge codes (CC 6476 - Surcharge and CC – 6479 Revenue allocation).

- OASIS has one new report (Market Bid Cap) and updates to two existing reports.

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RSEE Phase 2

REFERENCE MATERIALS

BPM and Tariff Impacts

Project Information	Details
BPM Changes	Western Energy Imbalance Market Settlements and Billing Market Instruments Market Operations
Tariff Change	29.11 Settlements and Billing for EIM Market Participants (Energy Imbalance Market) 29.34 EIM Operations (Energy Imbalance Market) 34.12.4 Real-Time Market

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Impacted Systems

Impacted Systems	Details
Master File	Definition of BAA Assistance Energy Transfer Opt-in or opt-out flag
Balancing Authority rea Operations Portal (BAAOP)	Adding a new 'Assistance' column to display the status for WEIM BAAs that have 'opt-in' for Assistance Energy Transfer.
Settlements	Adding two new charge codes
Open Access System, Interface (OASIS)	Adding new report labeled, Market Bid Cap Modifying existing reports, 'RSE Capacity' and 'Flex Ramp Results' to include data type elements from CMRI reports.
Customer Market Results Interface (CMRI)	Retiring 'Data Type' elements from 2 existing CMRI reports.
Customer Inquiry Dispute Information (CIDI)	Adding new 'Assistance Energy Designation Request' button.

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Terms

Definitions and Acronyms BPM

Term	Description
AET	Assistance Energy Transfer
ABC	Available Balancing Capacity
BAA	Balancing Authority Area
BAAOP	Balancing Authority Area Operations Portal
CMRI	Customer Market Results Interface
DAECON	Day-Ahead Economic
DALPT	Day-Ahead Lower Price Taker
EEA3	Energy Emergency Alert 3
G-FP	Generation-Firm Provisional
HASP	Hour-Ahead Scheduling Price
LPT	Lower Price Takers
OASIS	Open Access Same Time Information System
RSEE2	Resource Sufficiency Evaluation Enhancement Phase 2
RTECON	Real-Time Economic
RTLPT	Real-Time Lower Price Taker
SIBR	Scheduling Interface Business Rule

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Resources

WEIM resource sufficiency evaluation enhancements policy initiative page
https://stakeholdercenter.caiso.com/StakeholderInitiatives/EIM-resource-sufficiency-evaluation-enhancements

Market Sim Structure Scenarios
http://www.caiso.com/Documents/MarketSimulationStructuredScenarios-ResourceSufficiencyEvaluationEnhancements-Phase2.pdf

Business Requirements Specifications
http://www.caiso.com/Documents/BusinessRequirementsSpecification-WEIM-Resource-Sufficiency-Evaluation-Enhancements-Phase2-Redline.pdf

Business Practice Manuals: Western Energy Imbalance Market BPM. Settlements and Billing, Market Instruments, Market Operations
https://bpmcm.caiso.com/Pages/BPMLibrary.aspx

Tariff Section 29 Energy Imbalance Market
https://www.caiso.com/Documents/Section29-EnergyImbalanceMarket-asof-Feb11-2023.pdf

Tariff Section 34 Real-Time Market
https://www.caiso.com/Documents/Section34-Real-TimeMarket-asof-Feb11-2023.pdf

Resources (Continued)

Customer Inquiry, Dispute and Information User Guide
https://www.caiso.com/Documents/CustomerInquiry_DisputeandInformation_CIDI_UserGuide.pdf

Proposed Revision Request (PRR)
PRR 1492 - Settlements and Billing - https://bpmcm.caiso.com/Pages/ViewPRR.aspx?PRRID=1492&IsDlg=0
PRR 1497 - Market Operations - https://bpmcm.caiso.com/Pages/ViewPRR.aspx?PRRID=1497&IsDlg=0
PRR 1498 - Western Energy Imbalance Market BPM - https://bpmcm.caiso.com/Pages/ViewPRR.aspx?PRRID=1498&IsDlg=0
PRR 1500 - Market Instruments - https://bpmcm.caiso.com/Pages/ViewPRR.aspx?PRRID=1500&IsDlg=0

Operating Procedures
2510 NERC Tagging Requirements - https://www.caiso.com/Documents/2510.pdf
2510B CAISO Tagging Templates - https://www.caiso.com/Documents/2510B.xls

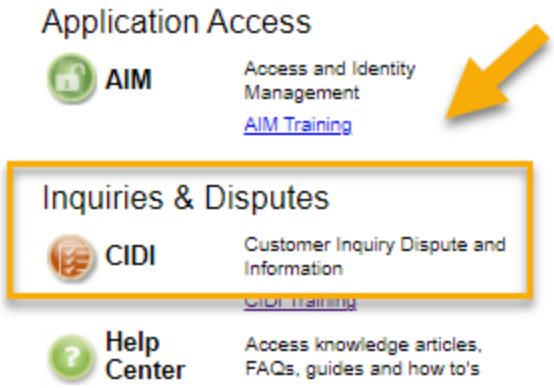
RSE Phase 1 presentation (locate in the WEIM Portal)
https://weim.caiso.com/TrainingDocuments/Individual-EIM-Courses/WEIM-RSEE-Phase-1-Presentation-Notes-May-2022.pdf

SIBR - Scheduling Coordinator Users Guide (Section 3.1.5 for Bid information on Supporting Resources)
http://www.caiso.com/Documents/SIBR_SCUserGuideWebSDK35v71.pdf

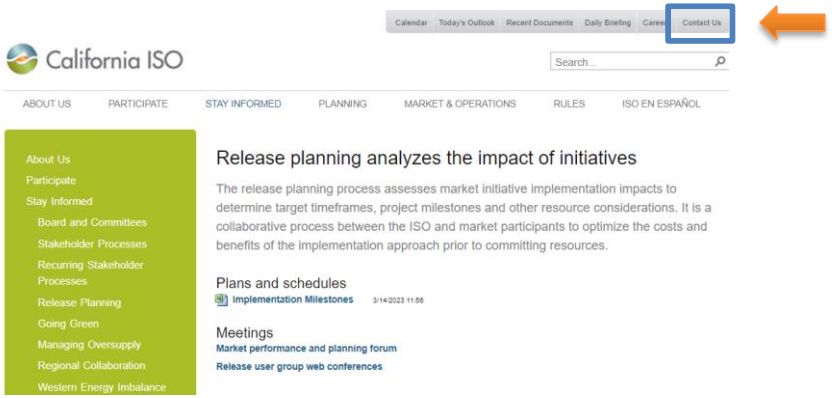
WEIM resource sufficiency overview training – presentation (located on WEIM Portal > Readiness/Training)
https://weim.caiso.com/TrainingDocuments/Individual-EIM-Courses/Resource-Sufficiency-Overview.pptx

Still have questions?

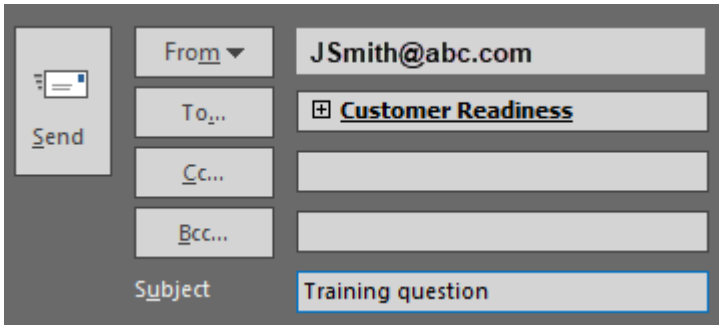
Submit an inquiry ticket in CIDI https://portal.caiso.com/



If you do not have CIDI access, submit inquiries in 'ContactUs' at www.caiso.com



Submit an email 'CustomerReadiness@caiso.com'



Thank you for your participation!