



# Maximum Import Capability (MIC) Enhancements Pre-Market Sim Training

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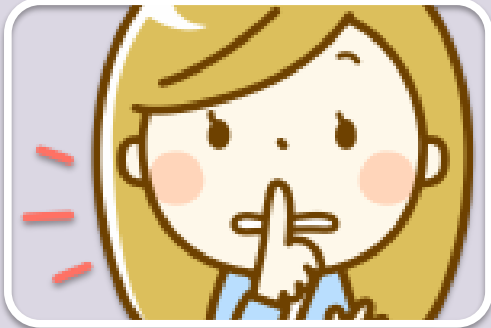
August 7, 2023

Updated: 08/07/23

Who does this impact?

**Scheduling Coordinators** that are participating in the Resource Adequacy program, more specifically California ISO Load Serving Entities (LSEs).

# Housekeeping



Keep yourself muted to minimize background noise



Unmute to ask verbal questions or write questions in the chat pod



Raise your hand using WebEx interactivity tools

# Agenda

This training will cover the following topics:

- High-level review of changes
- Application-specific details
- Market simulation activities

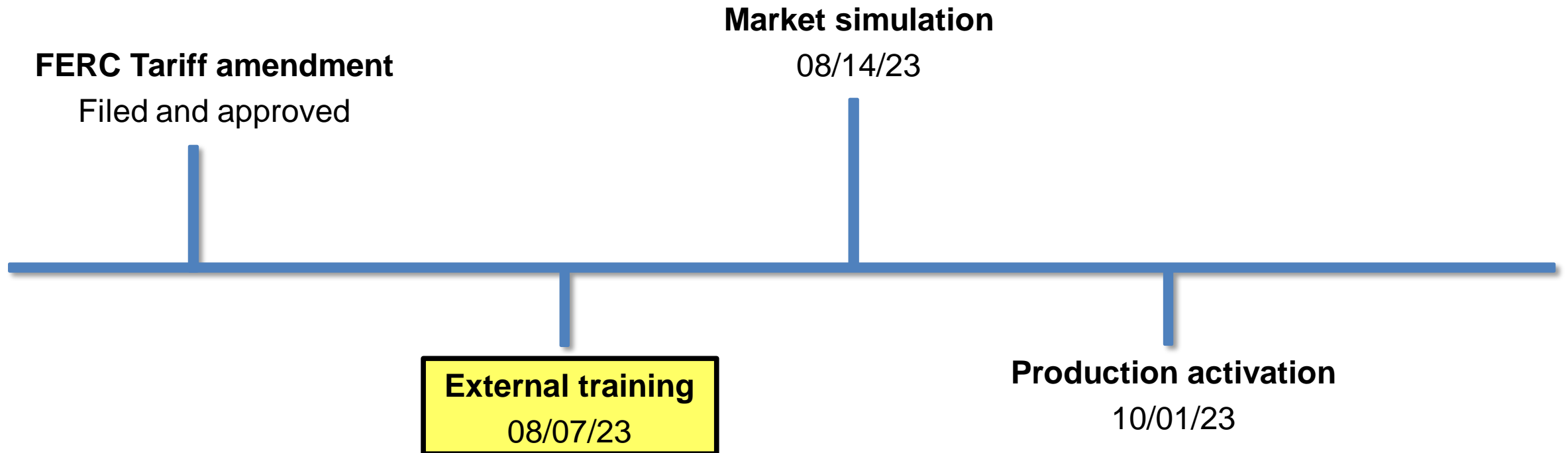


# Maximum Import Capability (MIC) Enhancements scope

1. Additional transparency with making data publicly available
2. Inclusion of contractual data from non-CPUC jurisdictional LSEs into the main portfolio
3. Request for MIC expansion
4. Give “same day priority” to the step 13 unallocated Remaining Import Capability for LSEs with existing RA Contracts
5. Update Tariff and Reliability Requirements BPM language to be consistent with current approved practice

# MAXIMUM IMPORT CAPABILITY (MIC) ENHANCEMENTS TIMELINE

# Implementation timeline



Maximum Import Capability (MIC) Enhancements

**BACKGROUND: HIGH-LEVEL REVIEW OF  
CHANGES**



# What is Maximum Import Capability?

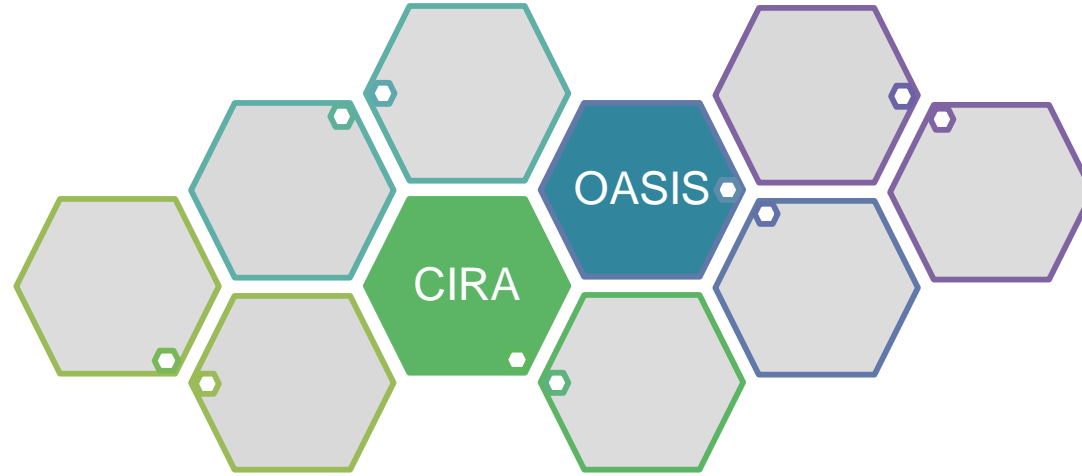
Represents a quantity in MWs determined by the CAISO to be simultaneously deliverable to the aggregate of load in the CAISO Balancing Authority Area (BAA).

- ISO tests both the deliverability of internal resources and the deliverability of imports, to ensure all RA resources are simultaneously deliverable
- LSEs RA import showings are limited for each intertie to its share of MIC
- Calculated yearly by the CAISO
- Allocated yearly by the CAISO to LSEs

## Reason for this enhancement

1. Give “same day priority” to the step 13 unallocated Remaining Import Capability for LSEs with existing RA Contracts
2. Additional transparency with making data publicly available

# Questions



# REVIEW APPLICATION - SPECIFIC DETAILS

# Customer Interface for Resource Adequacy (CIRA)

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## Step 13 Notification of Unassigned Import Capability

# Required CIRA application access role



Must be provisioned to CIRA for the **EXTERNAL RA READ-WRITE** role. Coordinate with your User Access Administrator (UAA) if you do not have access.

CIRA Access and Permissions	
CIRA Access Levels	Access Level Description
EXTERNAL RA READ-WRITE (app_cira_sc)	Permission to read, upload, and maintain data in the RA Plans, Supply Plans, NQC, Import Allocations, and Forced Substitution. Permission to read Validation Results, RA Reports, Obligation Reports, and historic Replacements

[Links to CIRA Map Stage | CIRA Production](#)

# Step: 13 2023 Notification of Unassigned Import Capability

## Current process

LSEs/SCs review Unassigned Available Import Capability



Requests are sent to ReliabilityRequirements@caiso.com



Step 12	
This posting contains information regarding unassigned available import capability pursuant to Tariff section 40.4.6.2.1 Step 12	
Scheduling Point	Unassigned Available Import Capability
CASCADE_BG	60
CTW230_BG	74
NWEST_ITC	5
PARKER_BG	25
SYLMAR-AC_ITC	195.42
WSTWGMEAD_ITC	28.51

Note: Pursuant to Step 13 of the above referenced CAISO Tariff, Scheduling Coordinators for Load Serving Entities or Market Participants should notify the ISO of their request to assign any remaining Unassigned Import Capability as indicated in the table above, no later than **08/15/2022**.

**Requests that are received prior to 9:00 a.m. PDT on 08/15/2022 will be denied. The CAISO will accept only two (2) requests per calendar week from any Scheduling Coordinator on behalf of a single Load Serving Entity, Participating Generator, or System Resource. If a request includes more than two intertie allocation requests the ISO will only process the first two interties in the request; the remaining intertie requests will be denied.**

Requests should be sent to:  
ReliabilityRequirements@caiso.com

## Reliability requirements

The reliability requirements and resource adequacy programs provide deliverability criteria that each load serving entity must meet, and provide rules for counting resources that must be made available to the ISO. The ISO reliability requirements program is intended to complement the state's efforts to implement resource adequacy programs.

### Process and requirements

+ Templates

#### Import Allocations

+ 2024 Import allocations

- 2023 Import allocations

- 2023 Import Capability Used on Annual Resource Adequacy Plans 11/17/2022 15:10
- 2023 Holders of Import Capability 9/22/2022 10:58
- 2023 Additional Bi-Lateral Transfers of Import Capability 7/17/2023 08:26
- Step 13: 2023 Notification of Unassigned Import Capability 8/22/2022 17:00**
- Step 12: 2023 Notification of Unassigned Import Capability 8/08/2022 13:09
- 2023 Eligible Contacts for Bi-Lateral Transfers for Import Capability 11/08/2022 12:08
- Step 10: 2023 Notification of Unassigned Import Capability 7/26/2022 11:13
- Step 8: 2023 Bi-Lateral Transfers of Import Capability 7/19/2022 13:01
- Step 6: 2023 Assigned and Unassigned RA Import Capability on Branch Groups 7/11/2022 11:26
- Step 6: 2023 Contractual Data 7/13/2022 14:16
- ISO Maximum Resource Adequacy Import Capability for Year 2023 7/01/2022 08:14

Step 13	
This posting contains information regarding unassigned available import capability pursuant to Tariff section 40.4.6.2.1 Step 13	
Scheduling Point	Unassigned Available Import Capability
<i>All import capability assigned.</i>	

Note: Scheduling coordinators can bi-laterally transact import capability with the contacts in 2023 Eligible Contacts for Bi-Lateral Transfers of Import Capability list: <http://www.caiso.com/Documents/2023-eligible-contacts-for-bi-lateral-transfers-for-import-capability.pdf>

After transactions are complete, results must be communicated to the ISO through the following mailbox:  
[ReliabilityRequirements@caiso.com](mailto:ReliabilityRequirements@caiso.com)

[Reliability Requirements page on www.caiso.com](http://www.caiso.com)

# Step: 13 - 2023 Notification of Unassigned Import Capability

New screens and process



California ISO | Customer Interface for Resource Adequacy

- Plans
- RA Validation
- Substitutions
- RA Plan
- Supply Plan
- Flex
- Manage Import Allocation
  - View SC Import Allocation
  - Submit Bilateral Trades
  - View Bilateral Trades
  - Submit Bilateral Trades
  - View Bilateral Trades
  - SC Request Unassigned Import Capability
  - Reserved Import Capability
  - Contact Information
- NQC

3 New screens

- Reports
- Generic Obligation Report
- Flex Obligation Report
- Credits Report
- RA Report
- SC Transfer Report
- Acquired Contracts
- Import Capability RA Report

1 New report screen



# SC Request Unassigned Import Capability

New screen



**CIRA > Plans > Manage Import Capability > SC Request Unassigned Import Capability**

Plans RA Validation Substitutions RAIM Pre-Calc

### SC Request Unassigned Import Allocation Capability

Year: 2023 SCID: -Select- Import Group: Choose ImportGroup

### SC Request Unassigned Import Allocation Capability Details

Showing 0 to 0 of 0 entries

<input type="checkbox"/>	Lse	Group Name	Start Date	End Date	Requested Date	Contracted RA Mw	Requested Import Allocation Capability	Assigned Import Allocation Capability	Request Status
No data available in table									

Show 50 entries

Download All Results

**LSEs and SCs can have the “same day priority” to the step 13 unallocated Remaining Import Capability for LSEs with existing RA Contracts directly in CIRA**

[Tariff Section 40.4.6.2.1 Available Import Capability Assignment Process](#)

# SC Request Unassigned Import Capability

New Screen > New Process



California ISO | Customer Interface for Resource Adequacy

Welcome NCHART (Sign-out) | Map-Stage [v. 6.5.0-57]

Plans | RA Validation | Substitutions | Legacy Replacements

SC Request Unassigned Import Allocation Capability

Year: 2023 | SCID: -Select- | Import Group: TRACY230\_BG X

View | Add

SC Request Unassigned Import Allocation Capability Details

Showing 0 to 0 of 0 entries

<input type="checkbox"/>	Lse	Group Name	Start Date	End Date	Requested Date	Contracted RA Mw	Requested Import Allocation Capability	Assigned Import Allocation Capability	Request Status
No data available in table									

Show 50 entries | Update | Download All Results

Previous | Next

**Reminder:** ISO will only accept 2 requests per calendar week from any SC/LSE on behalf of a single LSE participating generator or system resource. If a request includes more than 2 intertie allocation requests, CIRA will only process the 1<sup>st</sup> two groups of interties in a single request. The remaining requests will be denied.

Select the **Year Ahead**, **SCID/LSE**, and **Import Group** to request for an Unassigned amount of Import Allocation Capability.

# SC Request Unassigned Import Capability

## Error message 1



If a request includes more than two intertie allocation requests, the ISO will only process the first two interties in the request. The the remaining intertie requests will be denied.

### Sample Error Message

“Request Submission Limit Exceeded for the SCID: XXXX. Only two requests submission is allowed per week.”

The screenshot shows the California ISO Customer Interface for Resource Adequacy. At the top, there are navigation tabs for Plans, RA Validation, and Substitutions. Below this is the title "SC Request Unassigned Import Allocation Capability". The interface includes dropdown menus for Year (2023), SCID (RVSD), and Import Group. A list of intertie allocation requests is shown, with three items: PALOVRDE\_ITC x, STANDIFORD\_BG x, and TRACY230\_BG x. A red dashed box highlights these three items, with blue arrows pointing from a text box above to each item. Below the list, a red error message states: "Request Submission Limit Exceeded for the SCID:RVSD. Only two requests submission is allowed per week." Below the error message is a table titled "SC Request Unassigned Import Allocation Capability Details". The table has columns for Year, Lse, Group Name, Requested Import Capability, Contracted RA MW, and Delete. The table is currently empty, displaying "No data available in table". At the bottom left, there is a "Show 50 entries" dropdown and a "Submit" button. At the bottom right, there are "Previous" and "Next" navigation links.

# SC Request Unassigned Import Capability

New Screen > New Process



California ISO | Customer Interface for Resource Adequacy

Welcome NCHART (Sign-out) | Map-Stage [v. 6.5.0-57]

Plans | RA Validation | Substitutions | RAAM Pre-Calc | CSP Offers | Reports | Legacy Replacements

SC Request Unassigned Import Allocation Capability

Year: 2023 | SCID: -Select- | Import Group: TRACY230\_BG X

View | Add

SC Request Unassigned Import Allocation Capability Details

Showing 1 to 1 of 1 entries

<input type="checkbox"/>	Year	Lse	Group Name	Requested Import Capability	Contracted RA MW	Delete
<input type="checkbox"/>	2023	LRGE	TRACY230_BG	10	10	X

Show 50 entries | Download All Results | Previous 1 Next

LSE/SC to enter the requested MW amount in the **Requested Import Capability** field (e.g., 10 MWs)

Enter the MW in the **Contracted RA MW** field if the LSE/SC has a contract

**Note:** If you have an RA Contract, CAISO will give you preference on priority.

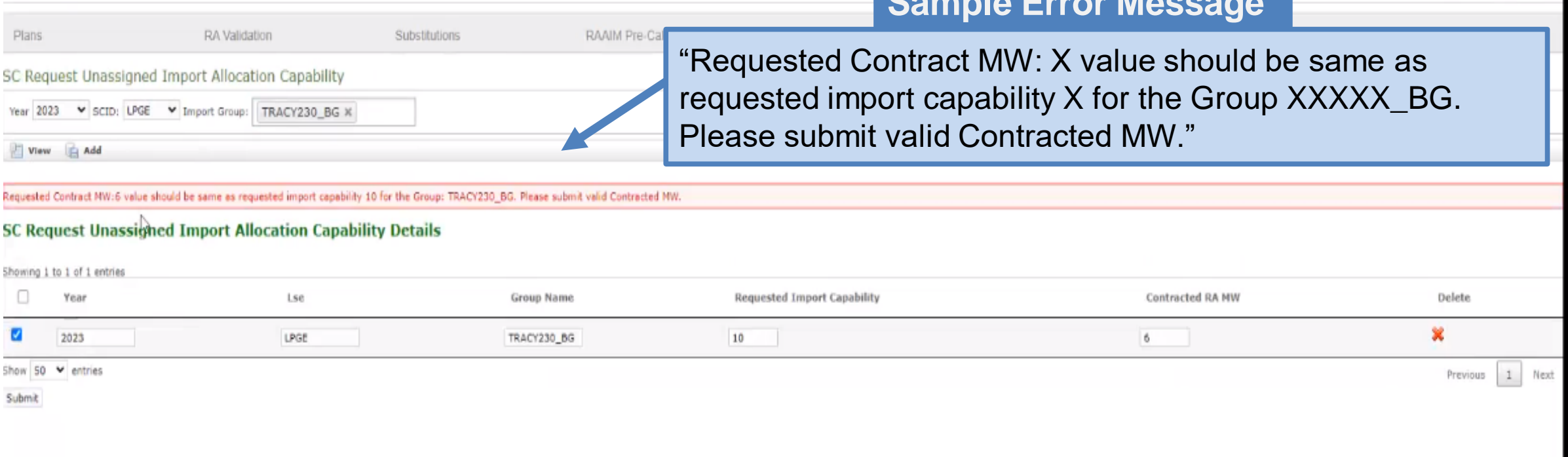
# SC Request Unassigned Import Capability

## Error message 2


Contracted RA MW amount must always equal the **Request Import Capability** MW amount. If the values do not match, you will receive an error message.

### Sample Error Message

“Requested Contract MW: X value should be same as requested import capability X for the Group XXXXX\_BG. Please submit valid Contracted MW.”



The screenshot shows a web application interface for managing import allocation capabilities. At the top, there are navigation tabs: Plans, RA Validation, Substitutions, and RANIM Pre-Ca. Below the tabs is the title "SC Request Unassigned Import Allocation Capability". There are input fields for Year (2023), SCID (LPGE), and Import Group (TRACY230\_BG X). Below these fields are "View" and "Add" buttons. A red error message banner reads: "Requested Contract MW: 6 value should be same as requested import capability 10 for the Group: TRACY230\_BG. Please submit valid Contracted MW." Below the error message is the section "SC Request Unassigned Import Allocation Capability Details". It shows "Showing 1 to 1 of 1 entries". A table with the following columns: Year, Lse, Group Name, Requested Import Capability, Contracted RA MW, and Delete. The table contains one entry: Year: 2023, Lse: LPGE, Group Name: TRACY230\_BG, Requested Import Capability: 10, Contracted RA MW: 6, and a Delete button with a red 'x' icon. At the bottom left, there is a "Show 50 entries" dropdown and a "Submit" button. At the bottom right, there are "Previous" and "Next" buttons with a "1" in a box between them.

Year	Lse	Group Name	Requested Import Capability	Contracted RA MW	Delete
2023	LPGE	TRACY230_BG	10	6	

# Assigned MWs based on Proportion formula

Total Unassigned Available Import Capability at the Branch Group divided by the sum of from eligible portions of applicable Resource Adequacy contract with priority) multiplied by each LSE's eligible RA contract amount.

$$\frac{\text{Total Unassigned Available Import Capability at the Branch Group (BG)}}{\text{Sum value of eligible portions of the applicable RA contract}} \times \text{LSE's eligible RA Contract amount} = \text{Assigned MW}$$

[Link to Reliability Requirements BPM](#)

# Scenario: Multiple LSEs/SCs request for an intertie branch group (BG)

**Sample Data**

Intertie (BG) = **PALOVRDE\_ITC**      Unassigned Import Capability = **2311.01**

Requestor ID	Requestor Priority based on submission	Requested MW	RA Contract	RA Contracted MW
LSE 1	1	2300	No	
LSE 2	2	1700	Yes	1700
LSE 3	3	1500	Yes	1500

$$\frac{\text{Total Unassigned Available Import Capability at the Branch Group (BG)}}{\text{Sum of eligible portions of the applicable RA contract}} \times \text{LSE's eligible RA Contract amount} = \text{Assigned MW}$$

$\frac{2311.01}{(1700 + 1500)} \times 1700 = 1227.72$

$\frac{2311.01}{(1500 + 1700)} \times 1500 = 1083.29$

**Remember:** If you have an RA Contract, CAISO will give you preference on priority.

# Review Scenario: Multiple LSEs/SCs request for the same intertie branch group (BG).

**Intertie (BG) = PALOVRDE\_ITC**

**Unassigned Import Capability = 2311.01**

Requestor ID	Requestor Priority based on submission	Requested MW	RA Contract	RA Contracted MW	Requestor priority considering RA Contract	Assigned MW	Status	Results
<b>LSE 1</b>	1	2300	No		3	<b>0</b>	<b>Rejected</b>	Submission was rejected as no Unassigned Import Capability is left.
<b>LSE 2</b>	2	1700	Yes	1700	1	<b>1227.72</b>	<b>Partially Assigned</b>	Assigned MWs based on LSE proportion formula as the total requested contracted MW exceeds Unassigned Import Capability.
<b>LSE 3</b>	3	1500	Yes	1500	2	<b>1083.29</b>	<b>Partially Assigned</b>	Assigned MWs based on LSE proportion formula as the total requested contracted MW exceeds Unassigned Import Capability.



# Reserved Import Capability

New screen



## CIRA > Plans > Manage Import Allocation > Reserved Import Capability

- Plans
- RA Validation
- Substitutions
- RAAIM Pre-Calc
- CSP Offers
- Reports
- Legacy Replacements

### SC Reserved Import Capability

Month: August Year: 2023 Branch Group: -Select- LSE/SCID: -Select-

View Reset

### SC Reserved Import Capability Details

Showing 1 to 1 of 1 entries

<input type="checkbox"/>	RA Year	RA Month	Branch Group	SCID	LSE/SCID	LSE/SCID Name	Total Import Capability	Reserved Capability	Tradable Capacity	Contact Name	Contact Email	Contact Phone
<input type="checkbox"/>	2023	August	IID-SCE_BG				0	0	0			

Show 50 entries

Previous 1 Next

Save

Download Screen Results

Download All Results



# Contact Information (for LSEs and SCID)

New screen

CIRA > Plans > Manage Import Capability > Contact Information

Plans | RA Validation | Substitutions | RAAIM Pre-Calc | CSP Offers | Reports | Legacy Replacements

LSE/SCID Contact Information

LSE/SCID:

Name:

LSE/SCID	Name	SCID	Phone	Secondary Phone	Email	Secondary Email
ABC1	Test 123		123-456-7898	123-458-9778	ari@caiso.com	LNptest@caiso.com

Add new LSE/SCID contact

Add LSE

LSE/SCID:

Name:

Phone:

Email:

Secondary Phone: (optional)

Secondary Email: (optional)

All fields required unless specified (optional)

Be sure to update the existing LSE/SCID contact if the info has changed.

# Contact Information (for LSEs and SCID)

## Error message



**Sample Error Message**

“There is already an existing LSE/SC with ID XXXX.”

- Plans
- RA Validation
- Results
- Legacy Replacements

### LSE/SCID Contact Information

There is already an existing LSE/SC with ID ABC1

LSE/SCID:

Name:

View Reset

LSE/SCID	Name	SCID	Phone	Secondary Phone	Email	Secondary Email
ABC1	Test 123		123-456-7898	123-458-9778	ari@caiso.com	LNptest@caiso.com

Add Edit

Download Screen Results

**You can only have one LSE/SCID contact entered at a time**

# Import Capability RA Plan Data

## New Report



### CIRA > Reports > Import Capability RA Report



- Plans
- RA Validation
- Substitutions
- RAAIM Pre-Calc
- CSP Offers
- Reports**
- Legacy Replacements

#### Import Capability RA Report

Submittal Type: 
 Month: 
 Year: 
 Intertie:

- View
- Reset
- Publish

#### Import Capability RA Report Details

Showing 1 to 415 of 415 entries

Submittal type	Month	Year	Intertie	Jurisdiction	Total Import Capacity	RA Showing MW
M	August	2023	MEAD_ITC	NON_CPUC	1010.27	10
M	August	2023	PACI_MSL	CPUC	2426	390
M	August	2023	TRACY230_BG	NOT ASSOCIATED	575	0
M	August	2023	TRACY500_BG	NON_CPUC	803.13	0
M	August	2023	STANDIFORD_BG	CPUC	196	0

This report allows LSEs/SCs to view the total annual and monthly RA capacity shown on each intertie aggregated by LRA jurisdiction (e.g., CPUC, non-CPUC, Other)

# Questions

# Open Access Same-Time Information System (OASIS)

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## Updates to UI and API



Welcome to the California ISO Open Access Same-time Information System (OASIS) site. On OASIS you will find real-time data related to the ISO transmission system and its Market, such as system demand forecasts, transmission outage and capacity status, market prices and market result data.

### 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](http://www.caiso.com)

## Two New Reports

Resource Adequacy and Minimum Load	
CSP Offer	
CPM Designations	
Available Import Capability	
Import Capability Used in RA Plan Data	



[Open Access Same-Time System \(OASIS\) link](#)

# Available Import Capability

New report



RESOURCE ADEQUACY

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

Year: 2023 Month: November SCID: [ALL] Intertie: BLYTHE\_BG Apply Reset

Download XML Download CSV

### Available Import Capability

1 - 3 of ???

RA Period Start Date	Month	Year	SCID	Intertie	LSE ID	LSE Name	Total Import Allocation	Reserved Capacity	Tradable Capacity	Contact Information
11/01/2023	11	2023	ABC1	BLYTHE_BG	LABC	ABC Company LABC	2.00000	0.00000	2.00000	TEST_CIRA, 123-456-7890, test@caiso.com
11/01/2023	11	2023	EFG1	BLYTHE_BG	LEFG	EFG Company LSE	2.00000	0.00000	2.00000	
11/01/2023	11	2023		BLYTHE_BG		Synergy Marketing and Trade, LLC	2.00000	0.00000	2.00000	

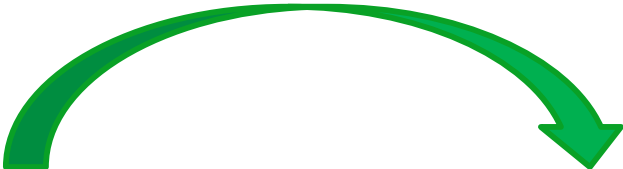
Displays the total import allocation, per intertie for LSEs, per month, and how much of that allocation they are willing to trade

[PRR 1524 for Market Instrument BPM](#)



# Import Capability Used in RA Plan Data report

## Data from CIRA to OASIS



### Available Import Capability (in CIRA)

Plans RA Validation Substitutions RMM Pre-Calc CSP Offers Reports Admin Legacy Replacements

SC Request Unassigned Import Allocation Capability

Year: 2023 SCID: Select Import Group: Choose Import Group

View Add

SC Request Unassigned Import Allocation Capability Details

Showing 0 to 0 of 0 entries

Use	Group Name	Start Date	End Date	Requested Date	Contracted RA Hw	Requested Import Allocation Capability	Assigned Import Allocation Capability	Request Status
No data available in table								

Show 50 entries

Download All Results

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

Year: 2023 Month: November SCID: [ALL] Intertie: BLYTHE\_BG Apply Reset

Download XML Download CSV

Available Import Capability

1 - 3 of ???

RA Period Start Date	Month	Year	SCID	Intertie	LSE ID	LSE Name	Total Import Allocation	Reserved Capability	Tradable Capability	Contact Information
11/01/2023	11	2023	ABC1	BLYTHE_BG	LABC	ABC Company LABC	2.00000	0.00000	2.00000	TEST_CIRA, 123-456-7890, test@caiso.com
11/01/2023	11	2023	EFG1	BLYTHE_BG	LEFG	EFG Company LSE	2.00000	0.00000	2.00000	
11/01/2023	11	2023		BLYTHE_BG		Synergy Marketing and Trade, LLC	2.00000	0.00000	2.00000	

[PRR 1524 for Market Instrument BPM](#)

# Import Capability Used in RA Plan Data

New report



RESOURCE ADEQUACY

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

Submittal Type:    Year:    Month:    Intertie:      

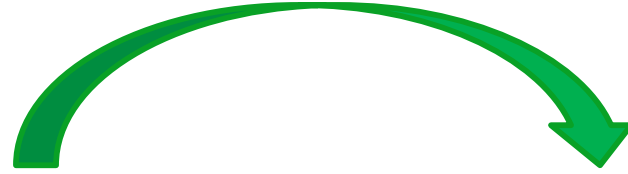
Import Capability Used in RA Plan Data						
Submittal Type	RA Period Start Date	Month	Year	Intertie	Jurisdiction	Total Import Allocation RA Showing MW
ANNUAL	05/01/2023	5	2023	BLYTHE_BG	CPUC	12.00000
ANNUAL	05/01/2023	5	2023	BLYTHE_BG	NON_CPUC	3.00000
ANNUAL	05/01/2023	5	2023	BLYTHE_BG	NOT_ASSOCIATED	4.00000
ANNUAL	06/01/2023	6	2023	BLYTHE_BG	CPUC	4.00000
ANNUAL	06/01/2023	6	2023	BLYTHE_BG	NON_CPUC	0.00000
ANNUAL	06/01/2023	6	2023	BLYTHE_BG	NOT_ASSOCIATED	0.00000
ANNUAL	07/01/2023	7	2023	BLYTHE_BG	CPUC	4.00000
ANNUAL	07/01/2023	7	2023	BLYTHE_BG	NON_CPUC	0.00000
ANNUAL	07/01/2023	7	2023	BLYTHE_BG	NOT_ASSOCIATED	2.00000
ANNUAL	08/01/2023	8	2023	BLYTHE_BG	CPUC	4.00000
ANNUAL	08/01/2023	8	2023	BLYTHE_BG	NON_CPUC	0.00000
ANNUAL	08/01/2023	8	2023	BLYTHE_BG	NOT_ASSOCIATED	2.00000
ANNUAL	09/01/2023	9	2023	BLYTHE_BG	CPUC	4.00000
ANNUAL	09/01/2023	9	2023	BLYTHE_BG	NON_CPUC	0.00000
ANNUAL	09/01/2023	9	2023	BLYTHE_BG	NOT_ASSOCIATED	2.00000

Posts the total annual and monthly RA capacity shown on each intertie aggregated by jurisdiction

[PRR 1524 for Market Instrument BPM](#)

# Import Capability Used in RA Plan Data report

## Data from CIRA to OASIS



### Import Capability RA Report Details (in CIRA)

Plans RA Validation Substitutions RAAIM Pre-Calc CSP Offers Reports Admin Legacy Replacements

Import Capability RA Report

Submittal Type: North Ahead Month: August Year: 2023 Intertie: -Select-

View Reset Publish

Import Capability RA Report Details

Showing 1 to 415 of 415 entries

Submittal type	Month	Year	Intertie	Jurisdiction	LSE ID	SCID	Total Import Capability	RA Showing MW
M	August	2023	MEAD_ITC				1010.27	10
M	August	2023	PACL_MSL				2426	390
M	August	2023	TRACY230_BG				575	0
M	August	2023	TRACY500_BG				803.13	0
M	August	2023	STANDIFORD_BG				196	0

California ISO OASIS

ATLAS REFERENCE REPORT DEFINITION PRICES TRANSMISSION SYSTEM DEMAND ENERGY ANCILLARY SERV

Submittal Type: ANNUAL Year: 2023 Month: ALL Intertie: BLYTHE\_BG Apply

Download XML Download CSV

Import Capability Used in RA Plan Data

1 - 20 of 24

Submittal Type	RA Period Start Date	Month	Year	Intertie	Jurisdiction	Total Import Allocation RA Showing MW
ANNUAL	05/01/2023	5	2023	BLYTHE_BG	CPUC	12.00000 2.00000
ANNUAL	05/01/2023	5	2023	BLYTHE_BG	NON_CPUC	10.00000 3.00000
ANNUAL	05/01/2023	5	2023	BLYTHE_BG	NOT_ASSOCIATED	11.00000 4.00000
ANNUAL	06/01/2023	6	2023	BLYTHE_BG	CPUC	4.00000 0.00000
ANNUAL	06/01/2023	6	2023	BLYTHE_BG	NON_CPUC	0.00000 0.00000
ANNUAL	06/01/2023	6	2023	BLYTHE_BG	NOT_ASSOCIATED	0.00000 0.00000
ANNUAL	07/01/2023	7	2023	BLYTHE_BG	CPUC	4.00000 0.00000
ANNUAL	07/01/2023	7	2023	BLYTHE_BG	NON_CPUC	0.00000 0.00000
ANNUAL	07/01/2023	7	2023	BLYTHE_BG	NOT_ASSOCIATED	2.00000 0.00000

[PRR 1524 for Market Instrument BPM](#)

# New OASIS APIs



Date	Tech Spec Version	Description
6/21/2023	7.4.0	<p>Maximum Import Capability (MIC) Enhancements</p> <ul style="list-style-type: none"><li>➔ • New Report “Available Import Capability Data”<ul style="list-style-type: none"><li>○ AVAIL_IMP_CAP_GRP</li></ul></li><li>➔ • New Report “Import Capability used in RA Plan Data”<ul style="list-style-type: none"><li>○ ANNUAL_IMP_CAP_USED_RA_PLAN_GRP</li><li>○ MONTHLY_IMP_CAP_USED_RA_PLAN_GRP</li></ul></li></ul>

[OASIS Technical Specification document version 7.4.0 is available on the ISO Developer site](#)

# Questions

Market Simulation

# **READINESS ACTIVITIES**

# Market Simulation Timeline

- Register for Market Sim by email [MarketSim@caiso.com](mailto:MarketSim@caiso.com).
  - Registration started **July 31, 2023** (You can still register)
  - Run the scenarios
  - Validate expected market sim scenario outcomes
- Market Simulation Forums start on **August 10, 2023**
  - View the [CAISO public calendar](#) for full schedule
- MIC Market Sim starts on **August 14, 2023**

# Market Sim Scenarios - Facilitate submission and retrieval of Import Capability reports

1. Submit request for unassigned import capability as part of step 13 of the import allocation process for 2023 & 2024 RA years
2. Upload trades and RA showing for 2023
3. Update contact information for 2023
4. Update the reserve versus tradeable capability for 2023
5. Validate two new OASIS reports for 2023
  - OASIS > Resource Adequacy > Available Import Capability
  - OASIS > Resource Adequacy > Import Capability used in RA Plan Data

MIC Enhancement [Fall 2023 Release Plans](#) and [Market Sim Scenarios](#)



# Market Sim Scenario – Expected Outcome

## Participants to verify:

1. Submitting Step 13 request for Unassigned import capability
2. Monthly available import capability
3. Monthly/Annual import capability in RA plan
4. OASIS reports:
  - OASIS > Resource Adequacy > Available Import Capability
  - OASIS > Resource Adequacy > Import Capability Used in RA Plan Data (Monthly & Annually)

# Market Simulation Questions?

Submit questions and/or concerns through the CIDI application or email

[MarketSim@caiso.com](mailto:MarketSim@caiso.com).

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

CONTACT CUSTOMER SUPPORT  
TELL US HOW WE CAN HELP

\* SCID

*i* Review for Price Correction

*i* Manual Reference Level Change Request

\* Subject

\* Functional Environment

--None--

- None--
- Production
- Market Simulation
- Parallel Operations
- RC Integration
- RC Shadow Operations
- Market Simulation Spring 2023
- Market Simulation Summer 2023
- Market Simulation Fall 2023**
- Market Simulation Independent 20
- Market Simulation Summer 2024
- Market Simulation Fall 2024
- Market Simulation Independent 20

# Market Participant Setup for Market Simulation Activities

Register for Market Simulation participation via the [MarketSim@caiso.com](mailto:MarketSim@caiso.com) mailbox starting today, 08/07/23

Confirm users are provisioned for access to participate

- Coordinate with your UAAs

Attend [Market Simulation Forum](#) to stay informed on timing of activities for this and other **Fall 2023** release initiatives

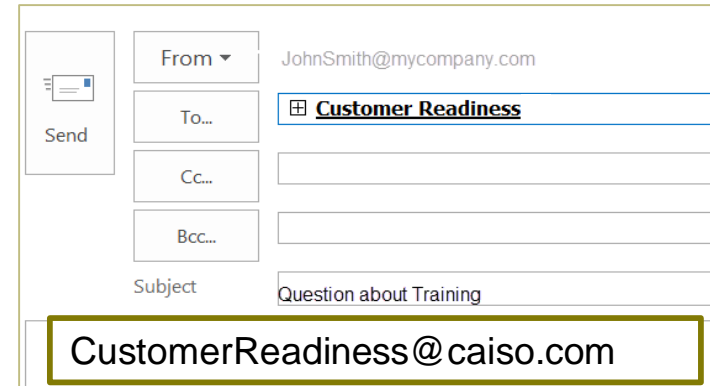
- Monday/Thursday 2pm PPT

# Final Questions

# Thank you for your participation!

For clarification on anything presented in this training, send an email to: [CustomerReadiness@caiso.com](mailto:CustomerReadiness@caiso.com)

For any other questions or stakeholder specific questions or concerns, please [submit a ticket](#).



# REFERENCE MATERIALS

# Acronyms

Abbreviation	Terms
BAA	Balancing Authority Area
BG	Branch Group
CIRA	Customer Interface for Resource Adequacy
CV	Cross Validation
LRA	Local Regulatory Area
LSE	Load Serving Entity
MW	Megawatt
OASIS	Open Access Same-Time System
RA	Resource Adequacy
RIC	Remaining Import Capability
SC	Scheduling Coordinator
SCID	Scheduling Coordinator ID

# Impacted Systems

Impacted Systems	Details
<p><b>Open Access Same-Time Interface System</b></p> <p><b>OASIS</b></p>	<p><b>Two new reports to the UI:</b></p> <ul style="list-style-type: none"> <li>- Available Import Capability</li> <li>- Import Capability Used in RA Plan</li> </ul> <p><b>New API reports:</b></p> <ul style="list-style-type: none"> <li>- Available Import Capability Data (AVAIL_IMP_CAP_GRP)</li> <li>- Import Capability used in RA Plan Data (ANNUAL_IMP_CAP_USED_RA_PLAN_GRP and MONTHLY_IMP_CAP_USED_RA_PLAN_GRP)</li> </ul>
<p><b>Customer Interface for Resource Adequacy</b></p> <p><b>CIRA</b></p>	<ul style="list-style-type: none"> <li>• Automatically calculates MIC allocations each day and publishes the allocation data each day on CIRA and OASIS.</li> <li>• Creation of two new fields in relation to "Available MIC for trading" which are "Locked" (new field) or "Unlocked".</li> <li>• SCs can input the LSE contact info and availability for the trade.</li> <li>• Provides aggregate usage by branch group level after validation of each month ahead and year ahead RA showing.</li> <li>• Provides capability to grant "same day priority" to the step 13 unallocated Remaining Import Capability (RIC) for LSEs with existing RA Contracts.</li> </ul>



# Reference Materials

## **Business Practice Manual changes:**

Reliability Requirements - <https://bpmcm.caiso.com/Pages/BPMDetails.aspx?BPM=Reliability%20Requirements>

[PRR 1523](#) (Reliability Requirements Section 6.1.3.5)

Market Instruments - <https://bpmcm.caiso.com/Pages/BPMDetails.aspx?BPM=Market%20Instruments>

[PRR 1524](#) (Market Instrument Section 12.8)

## **Tariff changes:**

Section 40.4.6.2 Resource Adequacy Demonstration for all SCs in the CAISO BAA - <http://www.caiso.com/Documents/Section40-RADemonstration-for-SchedulingCoordinatorsintheCAISOBalancingAuthorityArea-asof-May28-2023.pdf>

**Business Requirements Specification:** <http://www.caiso.com/Documents/BusinessRequirementsSpecifications-MaximumImportCapabilityEnhancements.pdf>

## **Initiative webpage:**

<https://stakeholdercenter.caiso.com/StakeholderInitiatives/Maximum-import-capability-enhancements>

## **Market Simulation Structured Scenarios:**

<http://www.caiso.com/Documents/Market-Simulation-Structured-Scenarios-Maximum-import-capability-enhancements.pdf>

## Reference Material

Technical Specification – Located on the [ISO's Developer Site](#), which provides detailed descriptions of the API changes for:

- Open Access Same-Time Information System (OASIS)