Pre-Market Simulation Webinar Training: Import Allocation Automation Process on 5/2/24

Today's Trainer

Dottie Vance Customer Readiness Trainer

Revised: 05/02/24

- Clarification that the Holders of Import Capability and Import Capability Used in Annual RA Plan will continue to be posted on the ISO website
- Added 2 new slides with Q&A from training presentation



Post Training Q&As

Q1: How may contacts can be registered to receive a notification?

Answer: You can enter up to 2 email addresses. One for primary and the other for the secondary contact. There is only one slot for a phone number.

Q2: From steps 9 to 10, do we expect any lack time there? For example, if we submit a request for a step at 9 AM this morning, when you do think the calculation will be run in order to get the results?

Answer: The job will run after the submission window closes at11:59 PM of the previous day cutoff. You should see an email notification the next day in the morning timeframe.

Q3: For MAP Stage, will we receive an email notification similar to the production environment? Answer: Yes.

Q4: Will excel reports still be posted on the reliability page or must one access that info in CIRA only? Answer: Yes. The report will continue to be posted on the CAISO page in addition to CIRA.

Q5: Please remind me when the MIC process starts every year?

Answer: Starts the first week of June. You'll need to keep an eye out for the Market Notice. The requirements will be detailed in the BPM.



Post Training Q&As

New slide

Q6: Are all LSEs required to participate in the market simulation?

Answer: Market Simulation is not mandatory but heavily encouraged to become familiar with the new process.

Q7: For step 8, are we able to transfer to another LSE on a particular branch group? We get allocation on behalf of another LSE. In the past, we used to wait until the whole market process until we could see it in CIRA and would then make the transfer. It seems like in step 8, we can do that now. It doesn't seem like there's any branch group information that we can select in step 8.

Answer: Step 8 is LSE to LSE transfers. Step 13 is where users will complete the process described above.



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...

- Review the background on the CIRA enhancement
- Walkthrough the CIRA UI changes for Steps 8-12
- Prepare for Market Simulation and Readiness activities



New Import Allocation Automation Enhancement



Streamline the process and increase efficiency

Customer Interface for Resource Adequacy (CIRA) User Interface (UI) changes

Business Requirements Specification | Reliability Requirements BPM | Tariff Section 40.4.6.2.2



Implementation timeline



CIRA User Guide (Updated)



Updated CIRA User Guide Version 5.9

California ISO applications

All technical specifications and artifacts are available on the ISO Developer site. Login permission is required to access the site.

- 🕀 Access and Identity Management (AIM) P
- 🕀 Automated Dispatch System (ADS) [🖓
- 🕀 Congestion Revenue Rights (CRR) [🖓

The CRR system user manual is available to candidate CRR holders only upon completion of the registration process and annual training.

- (+) Customer Inquiry, Dispute and Information (CIDI)
- ∋ Customer Interface for Resource Adequacy (CIRA) P

The CIRA system is used to manage the ISO's Reliability Requirements program

- CIRA User Guide for Market Participants 4/29/2024 13:25
- 🐏 Customer Interface for Resource Adequacy (CIRA) CBT

Updated CIRA user guide has been posted.

This CBT allows the learner to use the Customer Interface for Resource Adequacy resources (CIRA) for annual

RA plan submissions

Location: <u>www.caiso.com</u> > PARTICIPATE > Application Access > California ISO applications



Market Notices for Steps 8-13 Updated instructions



- Load Serving Entities (LSEs) no longer need to email in their requests to: <u>ReliabilityRequirements@caiso.com</u>
- LSEs must submit their requests through CIRA going forward
- Notices will continue to be available on the <u>Reliability Requirements</u> webpage



Contact Information (for LSEs and SCID) Important to be updated to receive confirmation email notifications



						Map-Stage [v. 6.5.0-61]	
Plans	RA Validation	Substitutions	RAAIM Pre-Calc	CSP Offers	Reports	Legacy Replacements	Add new LSE/SCID contact
		Oubsitutions			Перона		Add LSE
_SE/SCID Con	tact Information						
LSE/SCID	-Select-						LSE/SCID:
							Name:
Name							Phone:
📄 View 🔄 Re	set						Email:
LSE/SCID	▲ Name SCID	Phone	Secondary Phone	Email		Secondary Email	Sacadan Bhana
							(optional)
\bigcirc	-						Secondary Email: (optional)
Add 🔓 Edit	t						
							Air heids required unless specified (optional)
Do vnload Scree	n Results						🔓 Save Cancel
	Po ou	ura ta undata th	o ovicting LCE		t if the infe	and changed	
	Dest	ire to update th		SCID contac		has changed.	
							▲ · · · · · · · · · · · · · · · · · · ·

California ISO Customer Interface for Resource Adequacy



CIRA

What Questions Do You Have?





Import Allocation Process: New Tabs and Review Steps 8-10

Section Focus

- Walkthrough new changes for the Import Allocation process
- Review new tabs and location of changes
- Cover expectations for Steps 8-10



CIRA UI Manage Import Allocation Current process





California ISO Customer Interface for Resource Adequacy





CIRA UI Pages Updates New process



California ISO Customer Interface for Resource Adequacy

Plans		RA Validation	Substitutions	F	RAA
Weil RA Plan	omer In <mark>te</mark>	erface for Resource Adequacy			
Supply Plan	above to hav	igate the application.			
Flex	>		Ste	eps 8-13	
Manage Import Al	location	Remaining Import Capability	 Remaining 	g Import Capability Ste	ps
NLN Submission		Holders of Import Capability			
NQC	=	Remaining Import Allocation Report	ts		
	_	Submit Bilateral Trades		There are t	hree new
		View Bilateral Trades		scree	ens
	- 1	Reserved Import Capability			
		Contact Information			



Unassigned Available Import Capability New screen

Remaining Import Capability Steps

Unassigned Available Import Capability Report	Step 8 - Transfers of Import Capability	Step 9/10 - Initial SC Request to Assign RIC	Step 11/12 - Secondary SC Request to
Unassigned Available Import Capabi	lity Report		
Year 2025 ▼ Step step7 ▼ View -Select- step7 step10 step12 Showing 1 to 50 of 58 entries	bility Report	What is it? Load Serving the import capability remains (BG) at the end of steps	g Entities (LSEs) can view aining for a Branch Group 7, 10 and 12 for a specific
Vear Bra	anch Group		
2025		User Action: Suggested submitting Steps 8, 9, 11	, and 13.

Path: CIRA > Plans > Manage Import Allocation > Remaining Import Capability > Remaining Import Capability Steps > Unassigned Available Import Capability



CIRA

Submission Window Details Remaining Import Capability Steps



At the top of each Step (sub tab), users will see a summary of the submission window. Step 8 and Step 9 submission windows will overlap.



CIRA

Step 8 – Transfer of Import Capability New screen

CIRA

Path: CIRA > Plans > Manage Import Allocation > Remaining Import Capability > Remaining Import Capability Steps > Step 8 - Transfer of Import Capability

Unassigned	I Available Import Capabilit	y Report Step 8 - Trans	sfers of Import Capability	Step 9/10 - Initial SC Request to Assign RIC	Step 11/12 - Secondary SC Request to Assign RIC	Step 13 - Request Unassigned	Remaining Import Allocation Reports	
Manage	Manage LSE Transfers							
Year -Se	Year Select V Transferor LSE Select V Transferee LSE Select V Price \$/kw Month Quantity							
View	📄 Submit Transfer 🛛 🖛	Reset						
Manage	LSE Transfer Detail	S						
Showing 1 to	o 3 of 3 entries							
	Start Date	End Date	Submitted Date	Transferor	ning Import Capability	sferee Price \$/kw	Month Quantity	Tradable Capacity
	01/01/2025 00:00:00	12/31/2025 23:59:59	04/26/2024 14:14:39	1475		20	56	720
	01/01/2025 00:00:00	12/31/2025 23:59:59	04/09/2024 21:54:36			10	1	

What is it? Displays all completed import capability transfers between Load Serving Entities (LSEs). Submissions validated against the LSE's Remaining Import Capability available.

User action: Submit LSE to LSE transfers. Can be updated up until the submission window closes.



Step 8 – Transfer of Import Capability – Manage LSE Transfers New screen

Unassigned Available Import Capability Report	Step 8 - Transfers of Import Capability	Step 9/10 - Initial SC Request to Assign RIC	Step 11/12 - Secondary
---	---	--	------------------------

Manage LSE Transfers



- Year 2023 and forward
- Transferor LSE who is making the transfer
- Transferee LSE who is receiving the transfer
- Price \$/kw Month must be a valid number
- Quantity amount desired
- Add to enter submission details.
- View to review submissions already completed



Step 8 – Transfer of Import Capability – Viewing Submissions New screen



Tradeable Capacity indicates how many MW of an import capability the LSE has left. This number will always show the latest total amount.



CIRA

Step 8 – CIRA Validations



Example of what LSE's can view – Hypothetically, we are looking at the LSE Dallas (This is their login screen)

Unassigned Available Import Capability Report Step 8 - Transfers of Import Capability Step 9/10 - Initial SC Request to Assign RIC Step	Validations in CIRA		
Manage LSE Transfers	 ✓ No entries past submission window ✓ No transferring over Tradeable Capacity limit 		
Year Select- ♥ Transferor LSE Select- ♥ Transferee LSE Select- ♥ Price \$/kw Month Quantity	 No viewing other LSE's Remaining Import Capability or Tradable Capacity 		
🐖 View 👍 Submit Transfer 🎽 Reset	Capacity		

Manage LSE Transfer Details

Showing 1 to 3 of 3 entries End Date Transferor Transferee Start Date Submitted Date Remaining Import Capability Price \$/kw Month Quantity Tradable Capacity Waco Dallas 01/01/2025 00:00:00 12/31/2025 23:59:59 04/26/2024 14:14:39 1475 720 \square 20 56 Houston Dallas 01/01/2025 00:00:00 12/31/2025 23:59:59 04/09/2024 21:54:36 LSE Dallas can view LSE Dallas can not view Their remaining Import Capability Houston's Remaining Import Capability or Their price \$/kw Month and Quantity • Tradable Capacity (it will show as blank) Transfer amount received from Houston Their Tradable Capacity \geq California ISO Page 20 ISO PUBLIC - © 2024 CAISO





Step 9/10 – Initial SC Request to Assign RIC New screen

Path: CIRA > Plans > Manage Import Allocation > Remaining Import Capability > Remaining Import Capability Steps > Step 9/10 - Initial SC Request to Assign RIC

Remaining Import Capability Steps

Current Active Step: step9 Current Active Time Period: 04/08/2024 00:00:00 to 04/27/2024 23:59:59 Current Active Description: step 9 Current Active Year: 2025

Unassigned Available Import Capability Report	Step 8 - Transfers of Import Capability	Step 9/10 - Initial SC Request to Assign RIC	
Year 2024 VIEW Add View Add Step 10: RIC assignments and notification of Initial R	oup: Choose ImportGroup	What is it? Users submit import requests for Branch Groups (BG against the LSE's and Branch G Capability available.ends.Step 9 (user action): Submit re capability desired on each BGs. Step 10 (ISO action): Calculation report of amounts received & set 	t allocation capability Ss). It will be validated roups Remaining Import equests for import on run. CIRA displays and notifications.



CIRA

Completing Step 9 Step 9/10 – Initial SC Request to Assign RIC



Unassigned Available Import Capability Report Step 8 - Transfers of Import Capability Step 9	0 - Initial SC Request to Assign RIC Step 11/12 - Secondary SC Request to Assign RIC Step 13 - Request Unassigned	
Year 2025 V LSE: V Import Group: BLYTHE_BG X CFE_BG X	Select the Year, LSE, Import Group (all Branch Groups listed). Click Add to	
View Add	create new entries where users can enter the Requested Import Capability .	

SC Request Remain Import Allocation Capability Details

Showing 1 to	2 of 2 entries				
	Year	Lse	Group Name	Requested Import Capability	Delete
~	2025		BLYTHE_BG		×
	2025		CFE_BG		×
Show 50	✔ entries				Previous
Submit					

All applicable LSEs that users are mapped to and all BGs will be available to select.



Step 9/10 – Initial SC Request to Assign RIC Error Message





Requested Import Capacity MW is greater than the available limit : 3.24 for the Group: CTW230_BG. Requested Import Capacity MW is greater than the available limit : 6.73 for the Group: IID-SCE_BG.

SC Request Remain Import Allocation Capability Details

Showing 1 to	3 of 3 entries				
<	Year	Lse	Group Name	Requested Import Capability	Delete
	2025		CFE_BG	35	×
~	2025		CTW230_BG	100	×
	2025		IID-SCE_BG	55	×

This type of validation is also present for Step 11.



Step 9/10 – Initial SC Request to Assign RIC Error Message 2



Sample Error Message

"Requested Submission Limit Exceeded for the SCID and Group(BG). Only one request submission is allowed."

Year 2025 🗙 LSE: 💙 Import Group	ELDORADO_ITC ×	
View 📄 Add		
Request Submission Limit Exceeded for the SCID:	and GroupELDORADO_ITC. Only one request submission is allowed.	

This type of validation is also present for Step 11.



Completing Step 9 Step 9/10 – Initial SC Request to Assign RIC



	Selecting View:
	 Details on the LSE and dates
	 Requested Import Allocation Capability
Unassigned Available Import Capability Report Step 8 - Transfers of Import Capability Step 9/10 - Initial SC Request to Assign RIC Step 11/12 - Secondary SC Request to	 Assigned Import Allocation Capability
	 Request Status
Year 2025 ✔ LSE: ✔ Import Group: Choose ImportGroup	 LSE Limit (an LSE's tradable capacity)
View 🙀 Add	 BG Limit (the unassigned import capability)

Step 10: RIC assignments and notification of Initial RIC will be processed after Step 9 active period ends

SC Request Remain Import Allocation Capability Details

Showing 1 to 3 of 3 entries

Lse	Group Name	Start Date	End Date	Requested Date	Requested Import Allocation Capability	Assigned Import Allocation Capability	Request Status	LSE Limit	BG Limit
	AMARGO_ITC	01/01/2025 00:00:00	12/31/2025 23:59:59	04/27/2024 18:21:44	295.09			333.99	500
	BLYTHE_BG	01/01/2025 00:00:00	12/31/2025 23:59:59	04/27/2024 18:21:44	90.92			333.99	390.92

Users can update and edit their requests up to the end of the submission window.



Completion of Step 10 – Email Notification and Market Notice Step 9/10 – Initial SC Request to Assign RIC



Automatic CIRA email notification.

Notice posted on the ISO website $\rightarrow \frac{\text{Reliability}}{\text{Requirements}}$

Market Notices will be updated with correct language to have users submit requests via the CIRA UI.

Notice

July 26, 2023

REQUESTED ACTION Action Date

CATEGORIES Market Operations

2024 annual import allocation process: Step 10 remaining import capability

MESSAGE

The ISO has posted the <u>remaining import capability per branch group</u> on its website pursuant to Step 10 of the annual import allocation process. Pursuant to Step 11 of the ISO Tariff 40.4.6.2.1, the ISO will accept Step 11 requests for remaining import capability today through close of business Aug. 1, 2023.

The ISO will post results from Step 11 in its Step 12 posting. The Step 12 posting will indicate the start date and time that the ISO will begin accepting Step 13 requests.

Please submit requests to <u>ReliabilityRequirements@caiso.com</u> using the <u>Import Allocation</u> <u>Request Template</u> available on the Reliability Requirements webpage.

More information on the import allocation process is available on the <u>Reliability Requirements</u> <u>webpage</u>.

CONTACT INFORMATION

Please contact ReliabilityRequirements@caiso.com with any questions.



CIRA

Completing Step 10 – Viewing Requests Results Step 9/10 – Initial SC Request to Assign RIC



Unassigned Available Import Capability Report Step 8 - Transfers of Import Capability	Step 9/10 - Initial SC Request to Assign RIC	Step 11/12 - Secondary SC Request to Assign RIC	Step 13 - Request Unassigned	Remaining Import Allocation Reports	
Year 2025 V LSE: Moort Group: Choose ImportGroup					
🕐 View 🕞 Add					

Step 10: RIC assignments and notification of Initial RIC will be processed after Step 9 active period ends.

SC Request Remain Import Allocation Capability Details

Showing 1	nowing 1 to 3 of 3 entries									
	Lse	Group Name	Start Date	End Date	Requested Date	Requested Import Allocation Capability	Assigned Import Allocation Capability	Request Status	LSE Limit	BG Limit
		AMARGO_ITC	01/01/2025 00:00:00	12/31/2025 23:59:59	04/27/2024 18:21:44	295.09			333.99	500
		BLYTHE_BG	01/01/2025 00:00:00	12/31/2025 23:59:59	04/27/2024 18:21:44	90.92			333.99	390.92
		AMARGO_ITC	01/01/2025 00:00:00	12/31/2025 23:59:59	03/20/2024 11:17:15	100	100	ASSIGNED	333.99	500
Show 50	▼ entries								Previ	ous 1 Next
Update										

Request Status

- **Assigned**: LSE received total amount requested.
- Partially Assigned: LSE received a portion of the amount requested (per their Load Share Ratio).



Reminder – Load Share is Provided to LSEs Through Notice

NOTICE FOR STEPS 6 AND 7

Step 7 Requirement

The ISO has sent the following information to each load serving entity through its respective scheduling coordinator on July 10, 2023:

- Load serving entity's import capability load share
- · Load serving entity's load share quantity
- Amount of, and branch group on which, the load serving entity's existing contract import capability, pre-resource adequacy import commitment capability and new use import commitment capability, as applicable, has been assigned
- Load serving entity's remaining import capability

BRS Example Page 15



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Let's Recap

California ISO



Market Notices

Will be updated with the correct language for users submitting requests via the CIRA UI.



Review Contact Information

Users should go into CIRA and ensure their contact information is up to date to receive confirmation emails.



User Actions: Step 8 and Step 9

These steps require users to go in an submit requests.



ISO Action: Step 10

This step is the calculation run. Once the run is complete, notification emails will be sent to users to review their requests.



What Questions Do You Have?



Import Allocation Proces	S:
Review Steps 11-13	

Section Focus

- Walkthrough the new CIRA UI for Steps 11 and 12.
- Review new location and name of Step 13 (MIC Enhancement).
- Understand user expectations during the Import Allocation process.

🍣 California ISO

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Unassigned Available Import Capability Report

Year 2025 🗙 Step Step10 🗙 View	Filter for Step 10 on the Unassigned Import Capability Report to review the remaining
	import capability for each BG.

Unassigned Available Import Capability Report

Showing 1 to 50 of 58 entries

Year	Branch Group	Unassigned Available Import Capability
2025	AMARGO_ITC	1141.09
2025	BLYTHE_BG	390.92
2025	CASCADE_BG	0
2025	CFE_BG	2121.25

Step 11/12 – Secondary SC Request to Assign RIC New screen – Identical process to Step 9/10

Remaining Import Capability Steps

Current Active Step: step11 Current Active Time Period: 04/28/2024 00:00:00 to 04/30/2024 23:59:59 Current Active Description: Step 11 Description Current Active Year: 2025

Unassigned Available Import Capability Report	Step 8 - Transfers of Import Capability	Step 9/10 - Init	ial SC Request to Assign RIC	Step 11/12 - Secondary SC Request to Assign RIC	
Secondary SC Request to Assign RI	С				
Year 2025 ♥ LSE: -Select- ♥ Import Gr	oup: Choose ImportGroup		What is it? Anoth allocation capabil validated against Import Capability	ner opportunity for users submit in ity requests for Branch Groups (E the LSE's and Branch Groups Re available.	nport 3Gs). It will be emaining
			Step 11 (user ac they would like or Step 12 (ISO act amounts received	tion): Submit requests for import n each BGs. ion): Calculation run. CIRA displa d & send notifications.	capability ays report of

CIRA

Completing Step 11 Step 11/12 – Secondary SC Request to Assign RIC

Unassigned Available Import Capability Report	Step 8 - Transfers of Import Capability	Step 9/10 - Initial SC Request to Assign RIC	Step 11/12 - Secondary SC Request to Assign RIC	Step 13 - Request Unassigned		
Secondary SC Request to Assign RI	с					
Year 2025 V LSE: V Import Gr	oup: MERCHANT_BG X MCCULLGH_ITC X	Select the Yea new entries wh	r , LSE , Import Group (all E ere users can enter the Re	Branch Groups list quested Import (ted). Click Add to create Capability .	,
📳 View 🙀 Add						

SC Request Remain Import Allocation Capability Details

Sh	iowing 1 to	2 of 2 entries				
	~	Year	Lse	Group Name	Requested Import Capability	Delete
	~	2025		MERCHANT_BG	9	×
	~	2025		MCCULLGH_ITC	6	×
Sh	now 50 Submit	entries				Pi

All applicable LSEs that users are mapped to and all BGs will be available to select.

Completing Step 11 Step 11/12 – Secondary SC Request to Assign RIC

Showing 1 to 8 of 8 entries LSE Limit End Date Requested Date Requested Import Allocation Capability Request Status \square Lse Group Name Start Date Assigned Import Allocation Capability **BG** Limit AMARGO ITC 01/01/2025 00:00:00 12/31/2025 23:59:59 03/25/2024 10:13:56 100 274.99 500 CFE_BG 01/01/2025 00:00:00 12/31/2025 23:59:59 04/29/2024 06:19:19 274.99 2121.25 35 CTW230_BG 01/01/2025 00:00:00 12/31/2025 23:59:59 04/29/2024 06:19:19 274.99 3.24 3

Users can update and edit their requests up to the end of the submission window.

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CIRA

Completion of Step 12 – Email Notification and Market Notice Step 11/12 – Secondary SC Request to Assig

From: no-reply@caiso.com <no-reply@caiso.com> Sent: Friday, March 15, 2024 5:01 AM Subject: CIRA RIC Notification

TEST EMAIL :The Remaining import Allocation Capability request for successfully. Please login to CIRA Application for Assignment Details groups: AMARGO_ITC, has been processed

Automatic CIRA email notification.

Notice posted on the ISO website → <u>Reliability</u> <u>Requirements</u>

Market Notices will be updated with correct language to have users submit requests via the CIRA UI.

Notice

Aug. 8, 2023

REQUESTED ACTION Action Date

CATEGORIES Markets

2024 Annual import allocation process: Step 12 remaining import capability

MESSAGE

The California ISO has posted the <u>remaining import capability per branch group</u> on its website, pursuant to Step 12 of the annual import allocation process. Pursuant to Step 13 of the ISO Tariff 40.4.6.2.1, the ISO will accept Step 13 requests for remaining import capability beginning at 9:00 a.m. Pacific Time on Wednesday, Aug. 9, 2023.

Requests that are received prior to this 9:00 a.m. start time will be denied. The ISO will accept only two 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.

Please submit requests to <u>ReliabilityRequirements@caiso.com</u>.

More information on the import allocation process is available at http://www.caiso.com/planning/Pages/ReliabilityRequirements/Default.aspx.

CONTACT INFORMATION

Please contact ReliabilityRequirements@caiso.com with any questions.

Completing Step 12 – Viewing Requests Results Step 11/12 – Secondary SC Request to Assign RIC

Unassigned Available Import Capability Report Step 8 -	- Transfers of Import Capability Step 9/10 - Initial SC Request to Ass	ign RIC Step 11/12 - Secondary SC Request to Assign RIC	Step 13 - Request Unassigned	
Secondary SC Request to Assign RIC				
Year 2025 V LSE: -Select- V Import Group: Cho	oose ImportGroup			
View				

SC Request Remain Import Allocation Capability Details

Showing 1 to 1 of 1 entries										
	Lse	Group Name	Start Date	End Date	Requested Date	Requested Import Allocation Capability	Assigned Import Allocation Capability	Request Status	LSE Limit	BG Limit
		AMARGO_ITC	01/01/2025 00:00:00	12/31/2025 23:59:59	03/25/2024 10:13:56	100	100	ASSIGNED	1.99	109.91

Request Status

- Assigned: LSE received total amount requested.
- Partially Assigned: LSE received a portion of the amount requested (per their Load Share Ratio).

BRS Load Share Example Page 21

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Prior to Submitting Requests for Step 13			CIRA
Unassigned Available Import Capability Report Step 8 - Transfers of Import Capability Step 9/10 - Initial SC	Request to Assign RIC	Step 11/12 - Secondary SC Request to Assign RIC	Step 13 - Request Unassigned
Unassigned Available Import Capability Report Year 2025 V Step Step12 View	Filter for St Report to r BG.	eview the remaining import capa	rt Capability bility for each

Unassigned Available Import Capability Report

Note: Pursuant to Step 13 of the CAISO Tariff section 40, Scheduling Coordinators for Load Serving Entities or Market Participants should notify the ISO of their request to assign any remaining U at 9:00 a.m. PDT on Mon, 03/11/2024.

Requests that are received prior to 9:00 a.m. PDT on **Mon, 03/11/2024** will be denied. The CAISO will accept only two (2) requests per calendar week from any Scheduling Coordinator on behalf (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.

Showing 1 to 50 of 58 entries							
Year Branch Group		Unassigned Available Import Capability					
2025	AMARGO_ITC	500					
2025	BLYTHE_BG	390.92					
2025	CASCADE_BG	0					
2025		2424.25					

Step 13 – Request Unassigned New screen name and location (exact same process)

Path: CIRA > Plans > Manage Import Allocation > Remaining Import Capability > Remaining Import Capability Steps > Step 13 - Request Unassigned

Unassigned Available Import Capability Report	Step 8 - Transfers of Import Capability	Step 9/10 - Initial SC Request to Assign RIC	Step 11/12 - Secondary SC Request to Assign RIC	Step 13 - Request Unassigned	
Year 2025 V LSE: -Select- V Import Gro	Choose ImportGroup]			
🔄 View 📑 Add					

SC Request Remain Import Allocation Capability Details

Showing 1 to 1 of 1 entries Group Name Start Date End Date Requested Date Contracted RA Mw Requested Import Allocation Capability Assigned Import Allocation Capability **Request Status** 12/31/2025 23:59:59 04/02/2024 10:49:22 AMARGO_ITC 01/01/2025 00:00:00 245 245 245 ASSIGNED

Previously trained through Maximum Import Capability (MIC) Enhancement – previous UI name "SC Request Unassigned Import Capability."

What is it? 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.

User Action: Requests for Import Capability desired on each BG.

Updated slides for Step 13 in Appendix

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Updated MIC Enhancement Presentation Located on Learning Center

🌏 Cal	ifornia ISO					S	earch		Q
ABOUT US	PARTICIPATE	STAY INFORMED	PLANNING	MARKET & O	PERATION	s R	ULES	ISO EN ESP/	NOL
	Resource Interconnection Guide	Transmission							
Learninç	Scheduling Coordinator	Utility Distribution Com	pany			Training	calendar		
The Californ	Western Energy Imbalance	Metering and Telemetry	/	proad menu of					
high-quality	Market			ll as individual	New n	nodules			
market appli	Generation	Market Products		earning tracks					
that are desi		Application Access		s and the	Transmis phase 2	ssion servi - daily proc	ce and marke ess	t scheduling	priorities
general pub	Demand Response and Load	Application Access		O's role in the	Presenta	ation Video	0		
electricity sy	Distributed Energy Resource Provider	Learning Center			Resource track 2 - Presenta	e sufficiend refresher ation Video	cy evaluation	enhancemen	ts phase 2,
Current	Dynamic Transfers			ket Participant	Transmis phase 2 Presenta	ssion servio - monthly p ation Video	ce and marke process	t scheduling	priorities
Digital CE	Storage				Transmis Presenta	ssion registation Video	try upgrade		
Learning tr	Metered Subsystem				AIM new Presenta	certificate	process for L aid Video	JAAs	
Click on a learni the general publ				ket participants and	Energy s Presenta	storage enh ation Video	ancements tr	ack 2	
.6.91 02 10.86% 02 .0.29% 02	Markets and operations			0	Resourc track 2 - Presenta	e sufficiend updated ation Video	cy evaluation	enhancemen	ts phase 2,
.0.40% 03 -2.93% 03	Learn about the day-ahead and real-time markets and operations that enable participants to engage the ISO.					Washington WEIM greenhouse gas enhancements Presentation Video			
Strain Car - Maria					Operatio Presenta	ons notificat ation Video	tion system		
	Western Energy Imbal Explore topics pertaining to the enables participants to buy a	balance mark	et that 🔹 🕨	Scheduli Knowled	ing prioritie Ige article	s and export FAQs	schedules		
Lever la 5	enables participants to buy a	na seirenergy when he	seacu.		Maximur	n import ca	pability enha	ncements	

Revised MIC Enhancement Presentation

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Let's Recap

Step 11/12 is identical to Step 9/10

The process is the same. Step 11/12 is another opportunity for users to submit requests.

User Actions: Step 11

These steps require users to go in an submit requests.

ISO Action: Step 12

This step is the calculation run. Once the run is complete, notification emails will be sent to users to review their requests.

Step 13 Location & Name Change

Step 13 was reviewed in the MIC Enhancement. The process for submitting is the exact same.

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What Questions Do You Have?

Holders of Import Capability & Remaining Import Capability Reports

Section Focus

• Review the Holders of Import Capability report and the Remaining Import.

Capability Reports (accessed by all users).

Holders of Import Capability New screen name (exact process)

CIRA > Plans > Manage Import Allocation > Holders of Import Capability

California ISO Customer Interface for Resource Adequacy

Previously named "View SC Base Import Allocation."

CIRA

Holders of Import Capability New screen name (exact process)

<u>All users can view this report.</u> Continue to be posted on ISO Website \rightarrow <u>Reliability Requirements</u> **Import Allocation** number includes all of the Steps in its calculation.

Holders of Import Capability

SCID -Select-	~	I	mport Group -Select-	Targe	t Period Year 2025 💙	
📄 View						
SCID	SCID Name	Group Name	Import Allocation	Group Type	Start Date	End Date
APX1	APX1	IPPDCADLN_ITC	95	BG	01/01/2025	12/31/2025
CPPGE	CPPGE	PARKER_BG	168.45	BG	01/01/2025	12/31/2025
CPPGE	CPPGE	STANDIFORD_BG	87	BG	01/01/2025	12/31/2025
CPPGE	CPPGE	IID-SDGE_BG	5	BG	01/01/2025	12/31/2025
CPSCE	CPSCE	GONDIPPDC_ITC	24	BG	01/01/2025	12/31/2025
CPSCE	CPSCE	CFE_BG	1,260.5	BG	01/01/2025	12/31/2025
CRLP	CRLP	LAUGHLIN_BG	103.91	BG	01/01/2025	12/31/2025
DYN1	DYN1	LAUGHLIN_BG	90.09	BG	01/01/2025	12/31/2025
LAGRA	LAGRA	PARKER_BG	200	BG	01/01/2025	12/31/2025
LANC	LANC	AMARGO_ITC	684	BG	01/01/2025	12/31/2025
1 2 3 4	5 6 7 8 9 10 22	Next				
	reen Results					
Download All	Results					
1		l Isers are a	able to download results via	CVS Excel or PDF		
					•	

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Remaining Import Capability Reports New screen

CIRA > Plans > Manage Import Allocation > Remaining Import Capability Reports

California ISO Customer Interface for Resource Adequacy

Plans	RA Validation	Substitutions
RA Plan > Supply Plan >	iterface for Resource Adequestion.	ласу
Flex > Manage Import Allocation	Remaining Import Capabilit	ty >
NLN Submission	Remaining Import Allocation	n Reports
	View Bilateral Trades Reserved Import Capability	
	Contact Information	

CIRA

Remaining Import Capability Reports		CIRA	
New screen	All users can view this report		
Month: May Year 2025 LSE: -Select- Import Group: Choose ImportGroup Import Capability Used in Annual RA Plan Import Capability Used in Annual RA Plan Import Capability Used in Annual RA Plan	Continue to be posted on ISO Website → <u>Reliability Requirements</u>		

Import Capability Used in Annual RA Plan

Following the submission of annual Resource Adequacy Plans under Section 40.2.1.1, 40.2.2.4, 40.2.3.4, and 40.2.4, the ISO posts the information below indicating each holder of import capability for each intertie, and whether each holder of import capability assigned on the particular Intertie has fully included the assigned import capability in the holder's annual Resource Adequacy Plan.

showing 1 to 258 of 258 entries									
Month	Year	Group	LSE	Used All Capability					
May	2025	WESLYTSLA_BG							
			LLATH	No					
			LRVSD	No					
			LSNCL	No					
May	2025	NOB_ITC							

Import Capability Used in Annual RA Plan: Shows each holder of import capability assigned on the particular Intertie has fully included the assigned import capability in the holder's annual Resource Adequacy Plan.

Users are able to download results via CVS, Excel or PDF.

What Questions Do You Have?

Section Focus

• Unstructured Guided Scenarios.

Market Simulation

Import Allocation Automation Unstructured Guided Market Sim starts on: May 6th

- View the <u>CAISO public</u> <u>calendar</u> for full schedule
- View the Unstructured scenario on the <u>Release Planning page</u>

Step#	ISO Responsibility	User Responsibility	Step Dates
Step 8		Users submit LSE to LSE transfers	05/06 – 05/07/24 (Until 11:59 PM)
Step 9		Users submit Import Capability for each Branch Group	05/06 – 05/07/24 (Until 11:59 PM)
Step 10	Calculation runs and CIRA displays report of amounts awarded. Notification emails sent. Market Notice published.	Users review awards.	05/08/24
Step 11		Users submit second round of Import Capability for each Branch Group	05/09/24 (Until 11:59 PM)
Step 12	Calculation runs and CIRA displays report of amounts awarded. Notification emails sent. Market Notice published.	Users review awards.	05/10/24

Detailed table in Appendix

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 (nonproduction)
 - Ex. Connectivity, unanticipated simulation results, etc.
- Contact: MarketSim@caiso.com

What Questions Do You Have?

Summary, Q&A

• What's happening next.

Tell us How we Did

Takes 3-5 minutes to complete

Helps us improve future training

Link: <u>https://www.surveymonkey.com/r/caisocoursesurvey</u>

Thank you for your participation!

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

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

Reference Links

Business Practice Manual <u>https://bpmcm.caiso.com/Pages/BPMDetails.aspx?BPM=Reliability</u> <u>%20Requirements</u>

Business Requirements Specification: <u>https://www.caiso.com/Documents/BusinessRequirementsSpecifica</u> <u>tion-OFI_CIRA_Import_Allocation_Enh.pdf</u>

Reliability Requirements Page <u>https://www.caiso.com/planning/Pages/ReliabilityRequirements/Def</u> <u>ault.aspx</u>

Tariff Section 40 – SA for Demonstration for SC in the CAISO BAA <u>https://www.caiso.com/rules/Pages/Regulatory/Default.aspx</u>

Step#	Step Name	Step Details	Step Dates (Example)
Step 8	Transfers of Import Capability	Step 8 displays to all users all completed import capability transfers between LSEs. It will be validated against the LSE's Remaining Import Capability available. Note: When the transferor submits the transfer the record is finalized and no further action is required from the transferee side to accept or reject. Users can update/edit the submitted requests up to the end of the date/time deadline.	05/06/2024 – Whole day till 11:59 PM -MP Action
Step 9	Initial SC Request to Assign Remaining Import Capability by Intertie	LSE(s) to submit requests for Import Capability they want on each Branch Group (Time constraint). It will be validated against the LSE's and Branch Groups Remaining Import Capability available. Users can update/edit the submitted requests up to the end of the date/time deadline.	05/06/2024 -05/07/2024 Whole day till 11:59 PM -MP Action
Step 10	Notification of Initial Remaining Import Capability Assignments and Unassigned Capability	CIRA to display report of amounts received and send automated notifications to the external users notifying them of the completion of the step 9 validation for amounts requested and received.	05/08/2024 ISO Action
Step 11	Secondary SC Request to Assign Remaining Import Capability by Intertie	LSE(s) to submit requests for Import Capability they want on each Branch Group (Time constraint). It will be validated against the LSE's and Branch Groups Remaining Import Capability available. Users can update/edit the submitted requests up to the end of the date/time deadline.	05/09/2024 Whole day till 11:59 PM -MP Action
Step 12	Notification of Secondary Remaining Import Capability Assignments and Unassigned Capability	CIRA to display report of amounts received and send automated notifications to the external users notifying them of the completion of the step 11 validation for amounts requested and received.	05/10/2024 ISO Action
Step 13	Requests for Balance of Year Unassigned Available Import Capability	MIC Enhancement (Already Existing in Production but page moved to Step 13 tab) LSE(s) to submit requests for Import Capability they want on each Branch Group (Time constraint). It will be validated against the Branch Groups Remaining Import Capability available. Users can update/edit the submitted requests up to the end of the date/time deadline. CIRA to display report for amounts requested and received and send notification for the same.	Not Required for Market Simulation Testing but we can set it up for 5/13/2024 if needed. MP Action till 11:59 PM ISO action to execute after 11:59 PM

Section Focus

• Slides from the MIC Enhancement Training related to Step 13.

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	> iterface for Resource Ad	lequacy		
	Supply Plan	> havigate the application.			
	Flex	>			
	Manage Import Allocatio	Remaining Import Capabi	lity Remaining Import Capability	Steps	
	NLN Submission	Holders of Import Capabi	lity		
	NQC	Submit Bilateral Trades			
		View Bilateral Trades			
		Reserved Import Capabil	ity		
		Contact Information			
			_		
naining Import Capability Steps					
				V	
assigned Available Import Capability Report	Step 8 - Transfers of Import Capability	Step 9/10 - Initial SC Request to Assign RIC	Step 11/12 - Secondary SC Request to Assign RIC	Step 13 - Request Unassigned	Remaining Import Allocation Reports

For the MIC Enhancement, Step 13 was moved to be next to steps 8-12 or the Import Allocation process.

CIRA

Step 13 – Request Unassigned New screen

CIRA > Plans > Manage Import Allocation > Remaining Import Capability > Remaining Import Capability Steps > Step 13 - Request Unassigned

Remaining Import Capability Steps

Cu Cu Cu	Jrrent Active Step: step10 Jrrent Active Time Period: 05/01/2024 00:00:00 to 05/19/2024 23:59:59 Jrrent Active Description: step10 Jrrent Active Year: 2025									
	Unassigned Available Import Capability Report	Step 8 - Transfers of Import Capability	Step 9/10 - Initial SC Request to Assign RIC	Step 11/12 - Secondary SC Request to Assign RIC	Step 13 - Request Unassigned					
Year 2025 V LSE: Import Group: Choose ImportGroup										
	🕐 View 🕞 Add									

SC Request Remain Import Allocation Capability Details

Showing 1	Showing 1 to 1 of 1 entries										
	Lse	Group Name	Start Date	End Date	Requested Date	Contracted RA Mw	Requested Import Allocation Capability	Assigned Import Allocation Capability	Request Status		
		AMARGO_ITC	01/01/2025 00:00:00	12/31/2025 23:59:59	04/02/2024 10:49:22	245	245	245	ASSIGNED		

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

Step 13 – Request Unassigned New Screen > New Process

Year 2023 V SCID: View Add	PALOVRDE_ITC		Select the Unassigne	e Year Ahead , SCID/LSE , and led amount of Import Allocation	I mport Group to request for a Capability.	n
View 🔛 Auu	RNCHLAKE_BG					
SC Request Unassigned Import A	RDM230_BG	tails				
	SILVERPK_BG					
Showing 1 to 1 of 1 entries	STANDIFORD_BG					
🗌 📩 Lse 🗘 Group Name 🗘 Start Dat	SUMMIT_BG	Requested Date Co	ntracted RA	Requested Import Allocation	Assigned Import Allocation	Request
	SYLMAR-AC_ITC	M	v	Capability	Capability	Status
	TRACY230_BG					
Show 50 🗸 entries	TRACY500_BG				 Pr/	evious 1 Next
	COTPISO ITC	J				
Download All Results						

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 1st two groups of interties in a single request. The remaining requests will be denied.

Page 62

Step 13 – Request Unassigned 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 remaining intertie requests will be denied.

Year 2023 × SCID: TRACY230_BG 1 STANDIFORD BG 2 "Poquest Submission is allowed for Only Two groups							
Image: Submission is allowed for Only Two groups Palovrde_itc View Add							
Request Submission is allowed for Only Two groups in single request.							
Showing 0 to 0 of 0 entries							
Year Lse Group Name Requested Import Capability Contracted RA MW Delet	te						
No data available in table							
Show 50 V entries	Previous Next						

CIRA

Step 13 – Request Unassigned New Screen > New Process

Year 2023 V SCID: -Select- V Impo	art Group: TRACY230_BG X	LSE/SC Request	to enter the requested MW ed Import Capability field	amount in the (e.g., 10 MWs)	
SC Request Unassigned Imp	port Allocation Capability Details				
Year	Lse	Group Name	Requested Import Capability	Contracted RA MW	Delete
2023	LPGE	TRACY230_BG	10	10	×
Show 50 V entries					Previous 1 Next
		1	Enter the MW in the Contract contract	ted RA MW field if the LSE/SC h	has an RA

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

Step 13 – Request Unassigned Error message 2

Contracted RA MW amount must equal the **Requested Import Capability** MW amount. If the values do not match, you will receive an 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."

Sample Error Message

View	Add			Please submit valid Col	ntracted IVIVV."	
Requested	Contract NW:6 value should be s	ame as requested import capability 10 for the	Group: TRACY230_BG. Please submit valid Contracted M	W.		
SC Rec	quest Unassigned Im	port Allocation Capability De	tails			
Showing 1	to 1 of 1 entries					
	Year	Lse	Group Name	Requested Import Capability	Contracted RA MW	Delete
	2023	LPGE	TRACY230_BG	10	6	×
Show 50	♥ entries					Previous 1 Nex

Submit

▼ SCID: LPGE ▼ Import Group: TRACY230_BG ×

CIRA

Assigned MWs based on Proration 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.

Total Unassigned Available Import Capability at the Branch Group (BG)

Sum value of eligible portions of the applicable RA contract

X LSE's eligible RA Contract amount Assigned

Note: CIRA will apply the proration formula to calculate the assigned MW when the MW request <u>exceeds</u> the total unassigned available import capability.

Link to Reliability Requirements BPM

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

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

Intertie (BG) = PALOVRDE_ITC Unassigned Import Capability = 2311.01

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

