

Scheduling Infrastructure & Business Rules (SIBR) Overview for DAME & EDAM – Part 2

March 10, 2026

Today's Trainer:

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Rev. 3/10/26

What you will learn

By completing this training, you will gain essential skills and knowledge to prepare for EDAM participation. You will be able to:

- Describe the displays and their functions in the SIBR User Interface.
- Explain the process for submitting an energy bid in SIBR.
- Review the results of an energy bid.



This is step 1 in a 3-part SIBR training series



Introduction to SIBR –
Basic Concepts



SIBR Fundamentals –
General Bidding



Advance SIBR Bidding
Concepts for EDAM –
Transfer System
Resources

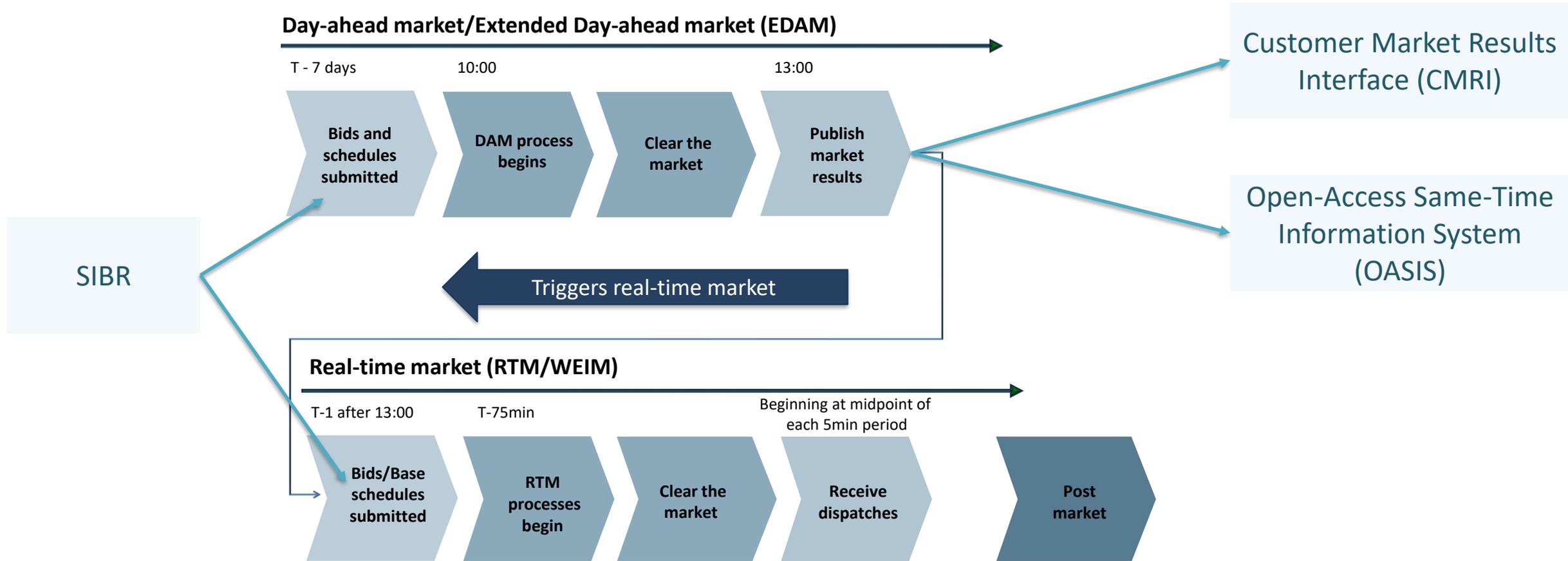
Scheduling Infrastructure and Business Rules (SIBR)

User interface (UI) provided by the California ISO that:

- Accepts bids and trades for energy and energy-related commodities from Scheduling Coordinators that are certified to interact with CAISO
- Ensures that those bids and trades are valid and modifies bids for correctness when necessary
- Enters those bids and trades into a database for processing by other components of CAISO's management systems
- Provides required feedback in the form of messages displayed to SCs concerning bids and trades that have been submitted

The screenshot displays the California ISO SIBR (Scheduling Infrastructure and Business Rules) user interface. The top navigation bar includes 'California ISO', 'SIEMENS', and 'MAPSTAGE SIBR 177:1 3.8.44-2024082912'. Below the navigation bar, there are tabs for 'Bids', 'Convergence Bids', 'Energy Forecast', 'Export Priority Report', 'Bid View', 'OTC View', 'Messages', 'Dynamic List', 'Ancillary Service Requirement', and 'Admin'. The main content area shows a 'Bid summary' table with columns for 'Status', 'Resource type', 'Resource ID', 'State', 'Daily', 'Hourly', 'Energy', 'Energy Adj', 'STD', 'ETC', 'ETP', 'TOR', 'TOP', 'BMT', 'BAS', 'LDF', 'LPT', 'LSG', 'OAT1', 'OAT2', 'Gen', 'Load', 'RU', 'RD', 'SR', 'NR', 'LFO', 'LFI', 'ISO', 'RDI', 'RCI', 'Down', 'Up', 'TCL', 'Submitted', and 'Market status'. The table lists various bids, including 'Transact TSR' and 'Info Te' for resources like 'CISO-CISO_PACW_MALIN09_1-IPAC-EDAM09' and 'CISO-CISO_PACW_MALIN09_1-1_RT'. The bottom of the interface shows 'Energy details' and 'Price curves' sections.

Market Timeline



SIBR BASICS



Scheduling Infrastructure and Business Rules (SIBR)

California ISO

SIEMENS MAPSTAGE SIBR 177:1 3.8

Bids Trades Convergence Bids Energy Forecast Export Priority Report Ind Viewer OTC Viewer Messages Dynamic Limit Ancillary Service Requirement Admin

Market: Day Ahead Date: 03/02/2026 Coordinator: CISO Apply Reset

Bid summary

Status	Resource type	Resource ID	State	Daily	Hourly	Energy	Energy Adj	STD	ETC	ETP	TOR	TOP	RMT	BAS	LOF	LPT	LSG	OATT1	OATT2	Gen	Load	RU	RD	SR	NR	LFD	LFU	IRU	IRD	RCU	RCD	Down	Up	TCL	Submitted	Market status

Energy Energy Adj Daily Hourly SS-STD SS-ETC SS-ETP SS-TOR SS-TOP SS-RMT SS-BAS SS-LOF SS-LPT SS-LSG SS-OATT1 SS-OATT2 Gen SS Load SS AS-RU AS-RD AS-SR AS-NR AS-LFD AS-LFU IR RC RM TCL

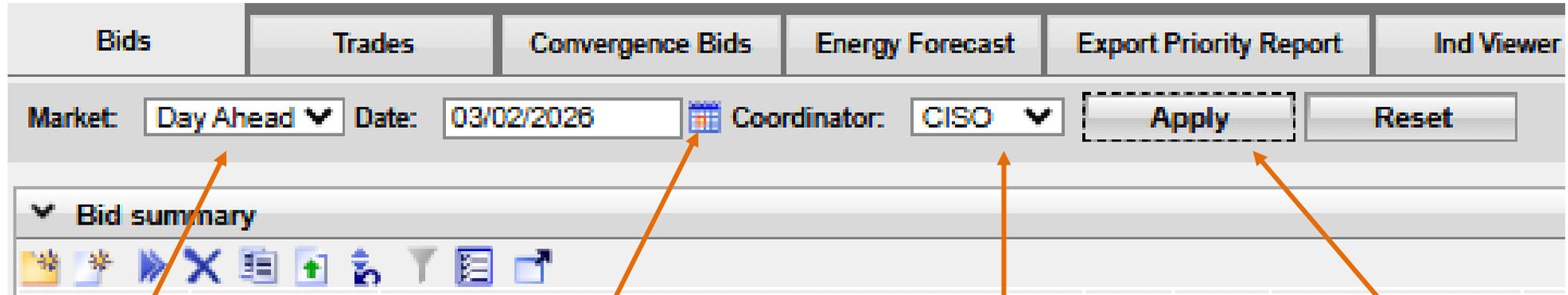
Self schedule contract(s)

Hour	Resource Name	Self schedule contract(s)	Block bid hours

Obligation(s)

Self schedule quantity	Contract

Application header display



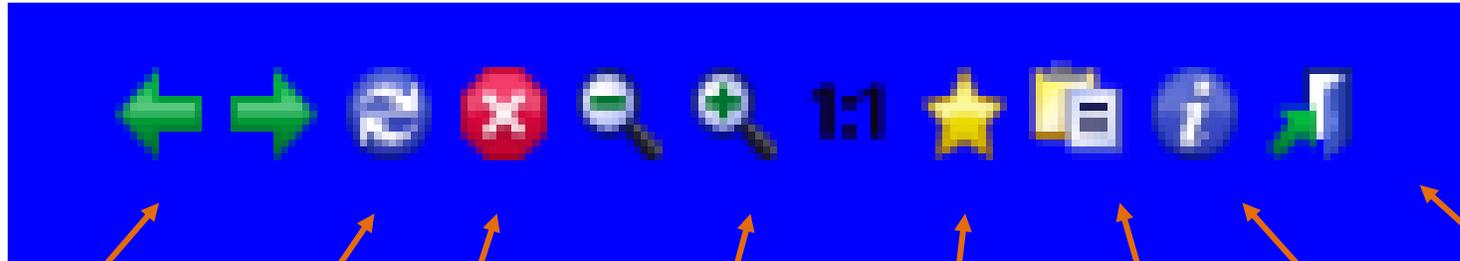
Market selection
drop down

Calendar date
selection

Available SCID
based on
certificate logged
into

Click apply

Navigation Icons



Previous
or Next

Refresh

Stop

Zoom
In/Out
Reset
Zoom

Favorites

Portfolio
Management

Application
Identification

Exit

The image shows a toolbar for a 'Bid summary' application. The toolbar contains the following elements from left to right:

- Create Bid:** A yellow starburst icon.
- Remove Bids:** A blue starburst icon.
- Submit Selected Bid:** A blue right-pointing arrow icon.
- Copy Bids:** A blue 'X' icon.
- Add to Portfolio:** A blue document icon with a green arrow pointing up.
- Upload Bids:** A blue document icon with a green arrow pointing up.
- Restore Default Sort:** A blue circular arrow icon.
- Filter:** An orange funnel icon.
- Adjust Columns:** A blue document icon with a list of lines.
- Page Navigator:** Navigation icons including left and right arrows, and a text field showing '1 - 24 of 33'.
- Go To:** A white text input field.
- Pop Out Application:** A blue circular arrow icon with a mouse cursor arrow pointing to the top-right corner.

Status Icons provide a visual indicator of your bid status



California ISO

SIEMENS MAPSTAGE SIBR 177:1 3.8.44-20240829120

Bids Trades Convergence Bids Energy Forecast Export Priority Report Ind Viewer OTC Viewer Messages Dynamic Limit Ancillary Service Requirement Admin

Market: Day Ahead Date: 01/28/2026 Coordinator: CISO Apply Reset

▼ Bid summary

State	Resource type	Resource ID	State	Daily	Hourly	Energy	Energy Adj	STD	ETC	ETP	TOR	TOP	RMT	BAS	LOF	LPT	LSG	OATT1	OATT2	Gen	Load	RU	RD	SR	NR	LFD	LFU	IRU	IRD	RCU	RCD	Down	Up	TCL	Submitted	Market status		
✓	Transient TSR	CISO-CISO_PACW_MALIN500_I-1-PAC1-EDAM02				N/A	N/A	✓																											01/27/2026 03:10	Open		
✓	Inter-Tie	CISO-CISO_PACW_TRCYCOTP_E_1_RT			✓																															01/27/2026 03:10	Open	
✓	Inter-Tie	CISO-CISO_PACW_MALIN500_I_1_RT			✓																															01/24/2026 05:24	Open	
✓	Inter-Tie	CISO-CISO_PACW_MALIN500_E_1_RT			✓																															01/24/2026 05:24	Open	
✓	Inter-Tie	CISO-CISO_PACW_TRCYCOTP_I_1_RT			✓																															01/24/2026 05:24	Open	
✓	Inter-Tie	CISO-CISO_PGE_MALIN500_I_4_EE																																✓	01/27/2026 03:13	Open		
✓	Inter-Tie	CISO-CISO_PGE_MALIN500_E_1_RT																																		01/27/2026 03:24	Open	
✓	Inter-Tie	CISO-CISO_PGE_MALIN500_I_1_RT																																		01/27/2026 03:24	Open	
✓	Transient TSR	CISO-CISO_PACW_MALIN500_I-2-PAC1-1				N/A	N/A																												✓	01/27/2026 09:05	Open	
✓	Transient TSR	CISO-CISO_PACW_MALIN500_I-2-PAC1-2				N/A	N/A																													✓	01/27/2026 09:05	Open
✓	Transient TSR	CISO-CISO_PACW_MALIN500_I-2-PAC1-3				N/A	N/A																													✓	01/27/2026 09:05	Open
✓	Transient TSR	CISO-CISO_PACW_MALIN500_I-2-PAC1-4				N/A	N/A																													✓	01/27/2026 09:05	Open
✓	Transient TSR	CISO-CISO_PACW_MALIN500_I-2-PAC1-5				N/A	N/A																													✓	01/27/2026 09:05	Open
✓	Transient TSR	CISO-CISO_PACW_MALIN500_I-2-PAC1-6				N/A	N/A																													✓	01/27/2026 09:05	Open
✓	Transient TSR	CISO-CISO_PACW_MALIN500_I-2-PAC1-7				N/A	N/A																													✓	01/27/2026 09:05	Open
✓	Transient TSR	CISO-CISO_PACW_MALIN500_I-2-PAC1-8				N/A	N/A																													✓	01/27/2026 09:05	Open
✓	Transient TSR	CISO-CISO_PACW_MALIN500_I-2-PAC1-9				N/A	N/A																													✓	01/27/2026 09:05	Open
✓	Transient TSR	CISO-CISO_PACW_MALIN500_I-2-PAC1-10				N/A	N/A																													✓	01/27/2026 09:05	Open
✓	Transient TSR	CISO-CISO_PACW_MALIN500_I-2-PAC1-11				N/A	N/A																													✓	01/27/2026 09:05	Open
✓	Transient TSR	CISO-CISO_PACW_MALIN500_I-2-PAC1-12				N/A	N/A																													✓	01/27/2026 09:05	Open
✓	Transient TSR	CISO-CISO_PACW_MALIN500_I-2-PAC1-13				N/A	N/A																													✓	01/27/2026 09:05	Open
✓	Transient TSR	CISO-CISO_PACW_MALIN500_I-2-PAC1-14				N/A	N/A																													✓	01/27/2026 09:05	Open
✓	Transient TSR	CISO-CISO_PACW_MALIN500_I-2-PAC1-15				N/A	N/A																													✓	01/27/2026 09:05	Open

Energy details Price curve(s)

Section 2.2.2 of the SIBR User Guide provides more status icons and their definitions

Status Icons provide a visual indicator of your bid status



Market accepted bid – external bid status of ‘MI’ or ‘V’ (Master File Inserted / Valid)



Market accepted bid – external bid status of ‘M’ (Modified)



Market accepted bid – external bid status of ‘CM’ or ‘CV’ (Conditionally Modified / Valid)



Invalid bid – external bid status of ‘I’



Rejected bid – external bid status of ‘RJ’



Edited bid – external bid status of ‘CR’



Submitted or Recent Submitted bid – external bid status of ‘S’ or ‘RS’

Bid Details Displays provide the opportunity to view data and make edits

California ISO SIEMENS MAPSTAGE SIBR 177:1 3.8.44-20240829120

Bids Trades Convergence Bids Energy Forecast Export Priority Report Ind Viewer OTC Viewer Messages Dynamic Limit Ancillary Service Requirement Admin

Market: Day Ahead Date: 01/28/2026 Coordinator: CISO Apply Reset

▼ Bid summary

Status	Resource type	Resource ID	State	Daily	Hourly	Self schedule														Ancillary svc					Imbalance Reserve				Reliability Capacity		Reg mileage		Submitted	Market status					
						Energy	Energy Adj	STD	ETC	ETP	TOR	TOP	RMT	BAS	LOF	LPT	LSG	OATT1	OATT2	Gen	Load	RU	RD	SR	NR	LFD	LFU	IRU	IRD	RCU	RCD	Down			Up	TCL			
✓	Transient TSR	CISO-CISO_PACW_MALIN500_I-1-PAC1-EDAM02				N/A	N/A	✓																												01/27/2026 03:10	Open		
✓	Transient TSR	CISO-CISO_PACW_MALIN500_I-1-BPAC-EDAM06				N/A	N/A	✓																												01/27/2026 03:10	Open		
✓	Inter-Tie	CISO_CISO_PACW_TRCYCOTP_E_1_RT			✓																															01/24/2026 05:24	Open		
✓	Inter-Tie	CISO_CISO_PACW_MALIN500_I_1_RT			✓																																01/24/2026 05:24	Open	
✓	Inter-Tie	CISO_CISO_PACW_MALIN500_E_1_RT			✓																																01/24/2026 05:24	Open	
✓	Inter-Tie	CISO_CISO_PACW_TRCYCOTP_I_1_RT			✓																																01/24/2026 05:24	Open	
✓	Inter-Tie	CISO_CISO_PGE_MALIN500_I_4_EE																																✓			01/27/2026 03:13	Open	
✓	Inter-Tie	CISO_CISO_PGE_MALIN500_E_1_RT																																			01/27/2026 03:24	Open	
✓	Inter-Tie	CISO_CISO_PGE_MALIN500_I_1_RT																																				01/27/2026 03:24	Open
✓	Transient TSR	CISO-CISO_PACW_MALIN500_I-2-PAC1-1				N/A	N/A																														01/27/2026 09:05	Open	
✓	Transient TSR	CISO-CISO_PACW_MALIN500_I-2-PAC1-2				N/A	N/A																															01/27/2026 09:05	Open
✓	Transient TSR	CISO-CISO_PACW_MALIN500_I-2-PAC1-3				N/A	N/A																															01/27/2026 09:05	Open
✓	Transient TSR	CISO-CISO_PACW_MALIN500_I-2-PAC1-4				N/A	N/A																															01/27/2026 09:05	Open
✓	Transient TSR	CISO-CISO_PACW_MALIN500_I-2-PAC1-5				N/A	N/A																															01/27/2026 09:05	Open
✓	Transient TSR	CISO-CISO_PACW_MALIN500_I-2-PAC1-6				N/A	N/A																															01/27/2026 09:05	Open
✓	Transient TSR	CISO-CISO_PACW_MALIN500_I-2-PAC1-7				N/A	N/A																															01/27/2026 09:05	Open
✓	Transient TSR	CISO-CISO_PACW_MALIN500_I-2-PAC1-8				N/A	N/A																															01/27/2026 09:05	Open
✓	Transient TSR	CISO-CISO_PACW_MALIN500_I-2-PAC1-9				N/A	N/A																															01/27/2026 09:05	Open
✓	Transient TSR	CISO-CISO_PACW_MALIN500_I-2-PAC1-10				N/A	N/A																															01/27/2026 09:05	Open
✓	Transient TSR	CISO-CISO_PACW_MALIN500_I-2-PAC1-11				N/A	N/A																															01/27/2026 09:05	Open
✓	Transient TSR	CISO-CISO_PACW_MALIN500_I-2-PAC1-12				N/A	N/A																															01/27/2026 09:05	Open
✓	Transient TSR	CISO-CISO_PACW_MALIN500_I-2-PAC1-13				N/A	N/A																															01/27/2026 09:05	Open
✓	Transient TSR	CISO-CISO_PACW_MALIN500_I-2-PAC1-14				N/A	N/A																															01/27/2026 09:05	Open
✓	Transient TSR	CISO-CISO_PACW_MALIN500_I-2-PAC1-15				N/A	N/A																															01/27/2026 09:05	Open

Energy Energy Adj Daily Hourly SS-STD SS-ETC SS-ETP SS-TOR SS-TOP SS-RMT SS-BAS SS-LOF SS-LPT SS-LSG SS-OATT1 SS-OATT2 Gen SS Load SS AS-RU AS-RD AS-SR AS-NR AS-LFD AS-LFU IR RC RM TCL

▼ Energy details RU
 Hour Price curve(s) Price Quantity Block bid hours

▼ Price curve(s)
 Quantity Price (\$)

CONNECTED HCARDER | Read/Write

Bid Details Displays provide the opportunity to view data and make edits



The screenshot displays the Bid Details interface with three main panels:

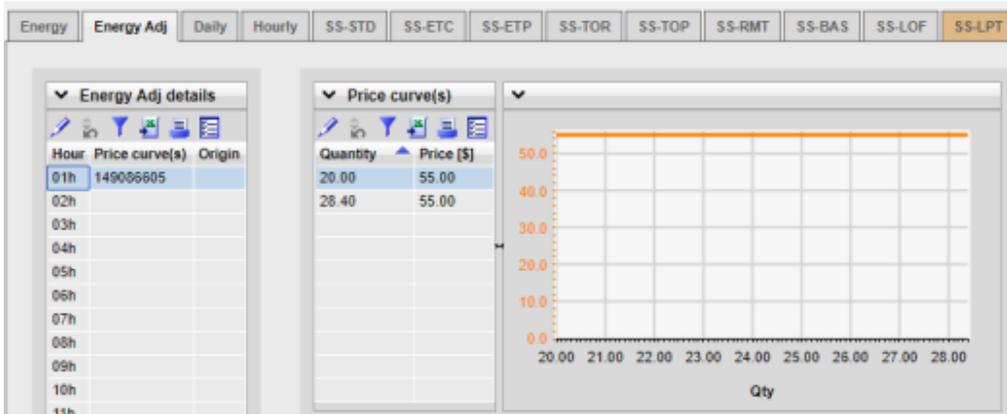
- Energy details:** A table with columns for Hour, Price curve(s), Distribution pair, Level, Shutdown cost, Cost, Price, and Quantity. The 'Pumping' and 'RUC' columns are also visible. The table shows data for hours 01h through 24h, all with a price curve of 326498832.
- Price curve(s):** A table with columns for Quantity and Price [S]. It shows two entries: 0.00 quantity at a price of 31.85, and 3.00 quantity at a price of 31.85.
- Distribution Pair(s):** A table with columns for Dist. factor and Dist. location. It is currently empty.

Display used for entering and viewing the Energy components.

Contents may include:

- Hour
- Price Curve(s)
- Distribution pair
- Pumping

Bid Details Displays provide the opportunity to view data and make edits



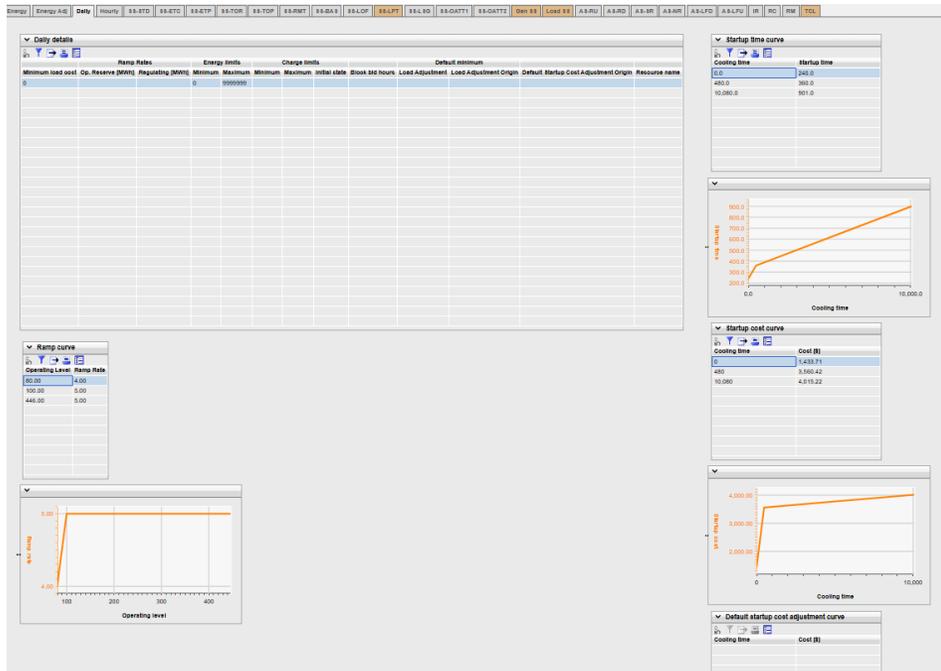
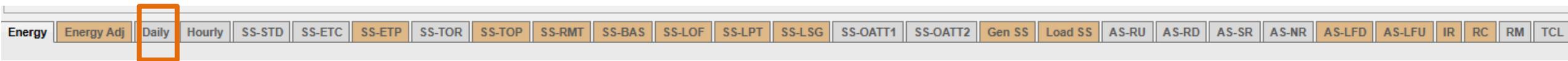
Display used for entering and viewing Energy Adj components.

Contents may include:

- Hour
- Price Curve(s)

Resource must have a Threshold curve in order to submit an Energy Adjusted Default Energy Bid.

Bid Details Displays provide the opportunity to view data and make edits

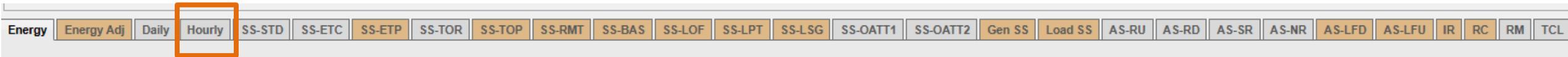


Display used for entering and viewing daily components.

Contents may include:

- Startup information (cost curve, time curve) (DAM and RTM)
- Minimum Load information. (DAM and RTM)
- Minimum and Maximum Energy Limit information. (Gen only)
- Minimum and Maximum Charge Limit information. (NGR only)
- Initial State of Charge Limit Information (Initial State) (NGR only)
- Default Load Adjustment (Gen)
- Default Startup Adjustment (Gen)
- State Transitions (MSG only)

Bid Details Displays provide the opportunity to view data and make edits

A screenshot of a data table with a header row and several data rows. The 'Hourly' tab is selected. The table columns include: Hour, Open tie indicator, Gen capacity limit, NERC tag, Schedule coordinator, Schedule point, Primary tie, PSE id, Registered resource, Counter resource, GHG capacity, GHG price, GHG CA supply, and GHG area. The data rows show values for each hour from 01h to 09h, with 'Gen capacity limit' consistently set to 448.00.

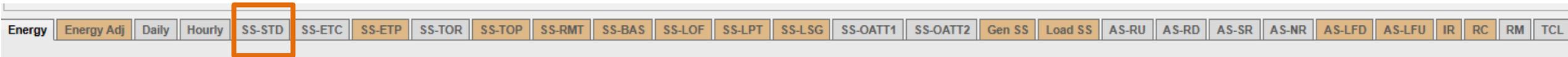
Hour	Open tie indicator	Gen capacity limit	NERC tag	Schedule coordinator	Schedule point	Primary tie	PSE id	Registered resource	Counter resource	GHG capacity	GHG price	GHG CA supply	GHG area
01h		448.00											
02h		448.00											
03h		448.00											
04h		448.00											
05h		448.00											
06h		448.00											
07h		448.00											
08h		448.00											
09h		448.00											

Display used for entering and viewing entering and viewing Hourly (Miscellaneous) components.

Contents may include:

- Hour
- Open Tie Indicator
- Generation Capacity Limit
- SCID/Primary Tie/PSE ID
- Registered Resource
- Counter Resource
- GHG Data

Bid Details Displays provide the opportunity to view data and make edits

A screenshot of the 'SS-STD' bid details display. It shows a table with columns for 'Hour', 'Resource Name', 'Self schedule quantity [MW]', and 'Pumping quantity'. The 'Hour' column lists hours from 01h to 14h. The 'Self schedule quantity [MW]' column shows a value of 80.00 for each hour. The 'Pumping quantity' column is empty. The table is part of a larger interface with a navigation bar at the top and a toolbar on the left.

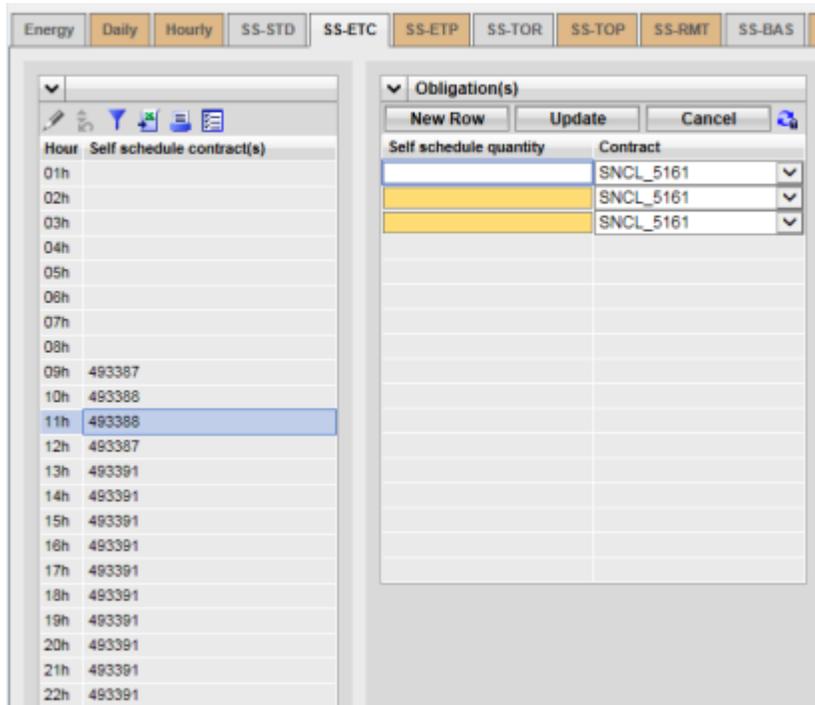
Hour	Resource Name	Self schedule quantity [MW]	Pumping quantity
01h		80.00	
02h		80.00	
03h		80.00	
04h		80.00	
05h		80.00	
06h		80.00	
07h		80.00	
08h		80.00	
09h		80.00	
10h		80.00	
11h		80.00	
12h		80.00	
13h		80.00	
14h		80.00	

Display used for entering and viewing Self-Schedule Standard components.

Contents may include:

- Hour
- Self Schedule Quantity (MW)
- Supporting Resource (Export only)
- Block bid hours (DAM only)
- Pumping Self Schedule (Pump Storage Hydro only)

Bid Details Displays provide the opportunity to view data and make edits



Displays used for entering and viewing self schedules for resources that have contract rights for scheduling priority:

- Existing Transmission Contract (ETC) ; ETP for Pumping Contracts
- Transmission Ownership Rights (TOR); TOP for Pumping Contracts
- Regulatory Must Take (RMT)

Contents may include:

- Hour
- Self schedule contract(s)
- Self schedule quantity
- Contract Reference Number (CRN) associated to resource

Bid Details Displays provide the opportunity to view data and make edits



Additional Self Schedule Details Displays

- SS-BAS: Not used.
- SS-LOF: Not used.
- SS-LPT (Export only): Display used for entering and viewing SS for Export resources that name a supporting resource to provide non-RA energy to the export
- SS-LSG (Load Serving Generator only): Display used for entering and viewing SS for resources that serves load behind the meter qualifying for net Energy settlement
- SS-OATT1
- SS-OATT2
- Gen SS and Load SS (Non-generating Resources, NGR, only)

Bid Details Displays provide the opportunity to view data and make edits



Load SS | AS-RU | AS-RD | AS-SR | AS-NR | AS-LFD | AS-LFU | RM

Hour	Capacity [MW]	Capacity price [\$]	Opportunity cost [\$MW]	Self-provision [MW]
------	---------------	---------------------	-------------------------	---------------------

AS-RD | AS-SR | AS-NR | AS-LFD | AS-LFU | RM

Hour	Capacity [MW]	Capacity price [\$]	Self-provision [MW]
22h	47.00	25.45	

AS-LFD | AS-LFU | RM

Hour	Self-provision [MW]
01h	11.00

Displays used for entering and viewing Ancillary Services, those resources that have certified capacity:

- Regulation Up & Regulation Down (RU/RD)
- Spin & Non-Spin (SR/NR)
- Load Following Down & Load Following Up (LFD/LFU)

Contents may include:

- Hour
- Capacity MW & Price
- Opportunity cost [\$MW]
- Self-provision MW quantity for its own AS obligation
- Contingency Indicator

Bid Details Displays provide the opportunity to view data and make edits



Imbalance Reserve Up				
Hour	Resource Name	Capacity [MW]	Capacity price [\$]	State

Imbalance Reserve Down				
Hour	Resource Name	Capacity [MW]	Capacity price [\$]	State

Reliability Capacity Up				
Hour	Resource Name	Capacity [MW]	Capacity price [\$]	State

Reliability Capacity Down				
Hour	Resource Name	Capacity [MW]	Capacity price [\$]	State

Displays used for entering and viewing new DAME resources that have certified capacity:

- Imbalance Reserve Up/Down (IRU/IRD)
- Reliability Capacity Up/Down (RCU/RCD)

Contents may include:

- Hour
- Resource Name
- Capacity MW – Imbalance Reserve Capacity
- Capacity price
- State – Configuration for MSG resource

Bid Details Displays provide the opportunity to view data and make edits



Regulation Mileage Up		
Hour	Resource Name	Price [\$/MW]

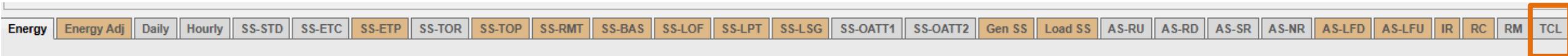
Regulation Mileage Down		
Hour	Resource Name	Price [\$/MW]

Display used for entering and viewing Regulation Mileage Up or Down for resources that have a Regulation bid component.

Contents may include:

- Hour
- Price [\$/MW]

Bid Details Displays provide the opportunity to view data and make edits



Hour	Resource Name	Capacity limit [MW]
01h	I_4_00	1,400.00
02h	I_4_00	1,400.00
03h	I_4_00	1,400.00
04h	I_4_00	1,400.00
05h	I_4_00	1,400.00
06h	I_4_00	1,400.00
07h	I_4_00	1,400.00
08h	I_4_00	1,400.00
09h	I_4_00	1,400.00
10h	I_4_00	1,400.00
11h	I_4_00	1,400.00
12h	I_4_00	1,400.00
13h	I_4_00	1,400.00

Display used for entering and viewing Transmission Capacity Limit component.

Contents may include:

- Hour
- Resource Name
- Capacity Limit MW

BID CREATION & SUBMISSION PROCESSES



SIBR accepts two kinds of bids

Day-Ahead Market (DAM)

- Submitted for a resource for a 24-hour market period
- May be submitted up to 7 days in the future
- Must be submitted prior to market close for the target day

Real-Time Market (RTM)

- Submitted for one-hour periods for one target day
- System display allows for up to 24 hours to be entered on a single screen

There are 3 data categories that can be entered for both DAM and RTM

Daily Components

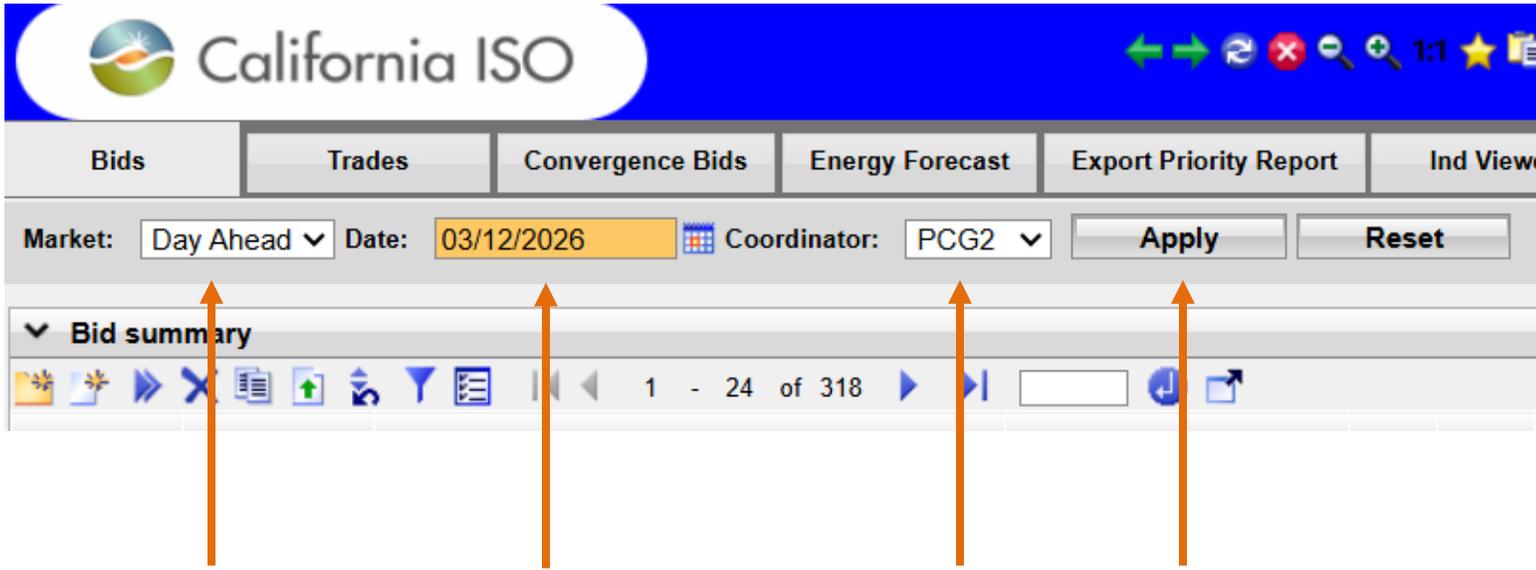
Parameters associated with the resource for the trade day, not with an individual market or hourly intervals of the bid

Product Components

Parameters that may vary from one hour to the next through the market period

Hourly Components

Parameters that may vary from one hour to the next through the market period



- Select the market you want to bid into
- Select the date
- Select the Coordinator ID
- Click Apply

The screenshot shows the California ISO web application interface. At the top, there is a blue header with the California ISO logo and navigation icons. Below the header is a menu bar with tabs for 'Bids', 'Trades', 'Convergence Bids', 'Energy Forecast', 'Export Priority Report', and 'Ind View'. The 'Bids' tab is selected. Below the menu bar, there are input fields for 'Market: Day Ahead', 'Date: 03/12/2026', and 'Coordinator: PCG2', along with 'Apply' and 'Reset' buttons. The main content area is titled 'Bid summary' and contains a toolbar with various icons. An orange arrow points to the 'Create bid' icon, which is a star with a plus sign. A tooltip 'Create bid' is visible over this icon. Below the toolbar is a table with columns for 'Status', 'Resource type', 'Resource ID', 'State', 'Daily', and 'Hourly'. The table currently shows 1 - 24 of 318 items.

- Click on the Create Bid icon

California ISO

SIEMENS

Bids Trades Convergence Bids Energy Forecast Export Priority Report Ind Viewer OTC Viewer Messages

Market: Day Ahead Date: 03/12/2026 Coordinator: PCG2 Apply Reset

Bid summary

1 - 24 of 318

Status Resource type Resource ID State Daily Hourly Energy Energy Adj STD ETC ETP TOR

Create bid

Date: 03/12/2026 Coordinator: PCG2

Type: Generator Resource:

Product type: [2] item(s)

Search %

Available Selected: 2 item(s) (Max: 20)

Ancillary Svc - Load Follow Dn
 Ancillary Svc - Load Follow Up
 Ancillary Svc - NSp Reserve
 Ancillary Svc - Reg Down
 Ancillary Svc - Reg Up
 Ancillary Svc - Sp Reserve
 Default Energy Adjustment
 Energy
 Hourly
 Imbalance Reserve Down

Energy
 Ancillary Schedule - Standard

OK Cancel

- Enter the trade date for the applicable bid
- Change Coordinator ID if applicable
- Select Resource name
- Select product type
- On the Create bid tab click Create

Create bid

Date: 03/12/2026 Coordinator: PCG2

Type: Generator Resource:

Product type: [1] item(s)

Create Cancel

The screenshot shows the California ISO Bid summary interface. At the top, there is a navigation bar with tabs for Bids, Trades, Convergence Bids, Energy Forecast, Export Priority Report, Ind Viewer, and OTC V. Below this, there are filters for Market (Day Ahead), Date (03/12/2026), and Coordinator (PCG2). The main section is titled 'Bid summary' and contains a table with columns for Status, Resource type, Resource ID, State, Daily, Hourly, Energy, and Energy #. A dropdown menu is open for the Status column, showing a list of status options: [ALL], Master file inserted, Valid, Modified, Conditionally modified, Conditionally valid, Invalid, Rejected, and Created. The 'Created' option is highlighted with an orange box.

- Click the filter icon
- Select **Created** from the Status drop down

California ISO

Bids | Trades | Convergence Bids | Energy Forecast | Export Priority Report | Ind Viewer | OTC Viewer | Messages | Dynamic Limit | Ancillary Service Requirement

Market: Day Ahead | Date: 03/12/2026 | Coordinator: PCG2 | Apply | Reset

Bid summary

Status	Resource type	Resource ID	State	Daily	Hourly	Energy	Energy Adj	STD	ETC	ETP	TOR	TOP	RMT	BAS	LOF	LPT	LSG	OATT1	OATT2	Gen		
Created	[ALL]	[ALL]	[ALL]	[A]	[A]	[A]	[ALL]	[A]	[A]	[A]	N/A											
	Generator																					N/A

Energy details

Hour	Price curve(s)	Distribution pair	Level	Shutdown cost	Cost	Price	Quantity
01h							
02h							
03h							
04h							
05h							
06h							
07h	328554957						
08h	328554958						
09h	328554959						
10h	328554960						
11h	328554961						
12h	328554962						
13h	328554963						
14h	328554964						
15h	328554965						
16h	328554966						
17h	328554967						
18h	328554968						
19h							
20h							
21h							
22h							

Price curve(s)

Quantity | Price [\$]

No data found

- Once the bid is created, you will see data in the Energy Details Display since this is an Energy bid

Energy | Energy Adj | Daily | Hourly | SS-STD | SS-ETC | SS-ETP | SS-TOR | SS-TOP | SS-RMT | SS-BAS | SS-LOF | SS-LPT | SS-LSG | SS-OATT1 | SS-OATT2 | Gen SS | Load SS | AS-RU | AS-RD | AS-SR | AS-NR | AS-LFD | AS-LFU | IR | RC | RM | TCL

▼ Energy details

Update Cancel

Hour	Price curve(s)	Distribution pair	Level	Pumping		RUC	
				Shutdown cost	Cost	Price	Quantity
01h							
02h							
03h							
04h							
05h							
06h	326564953						
07h	32656281						
08h	326564958						
09h	326564959						
10h	326564960						
11h	326564961						
12h	326564962						
13h	326564963						
14h	326564964						
15h	326564965						
16h	326564966						
17h	326564967						
18h	326564968						
19h							
20h							
21h							
22h							
23h							
24h							

Price curve(s)

Price [S]

No data found

Qty

Distribution Pair(s)

Dist. factor	Dist. location

- You can create the bid curve for individual hours by clicking on the Hour interval, the clicking the pencil on the Bid curves pane

Energy | Energy Adj | Daily | Hourly | SS-STD | SS-ETC | SS-ETP | SS-TOR | SS-TOP | SS-RMT | SS-BAS | SS-LOF | SS-LPT | SS-LSG | SS-OATT1 | SS-OATT2 | Gen SS | Load SS | AS-RU | AS-RD | AS-SR | AS-NR | AS-LFD | AS-LFU | IR | RC | RM | TCL

Energy details

Update Cancel

Hour	Price curve(s)	Distribution pair	Level	Pumping	Shutdown cost	Cost	Price	RUC	Quantity
01h									
02h									
03h									
04h									
05h									
06h	326856563								
07h	326856281								
08h	326564958								
09h	326564959								
10h	326564960								
11h	326564961								
12h	326564962								
13h	326564963								
14h	326564964								
15h	326564965								
16h	326564966								
17h	326564967								
18h	326564968								
19h									
20h									
21h									
22h									
23h									
24h									

Price curve(s)

New row Update Cancel

Quantity	Price
2.00	35.00
3.00	35.00

Price curve(s)

New row Update Cancel

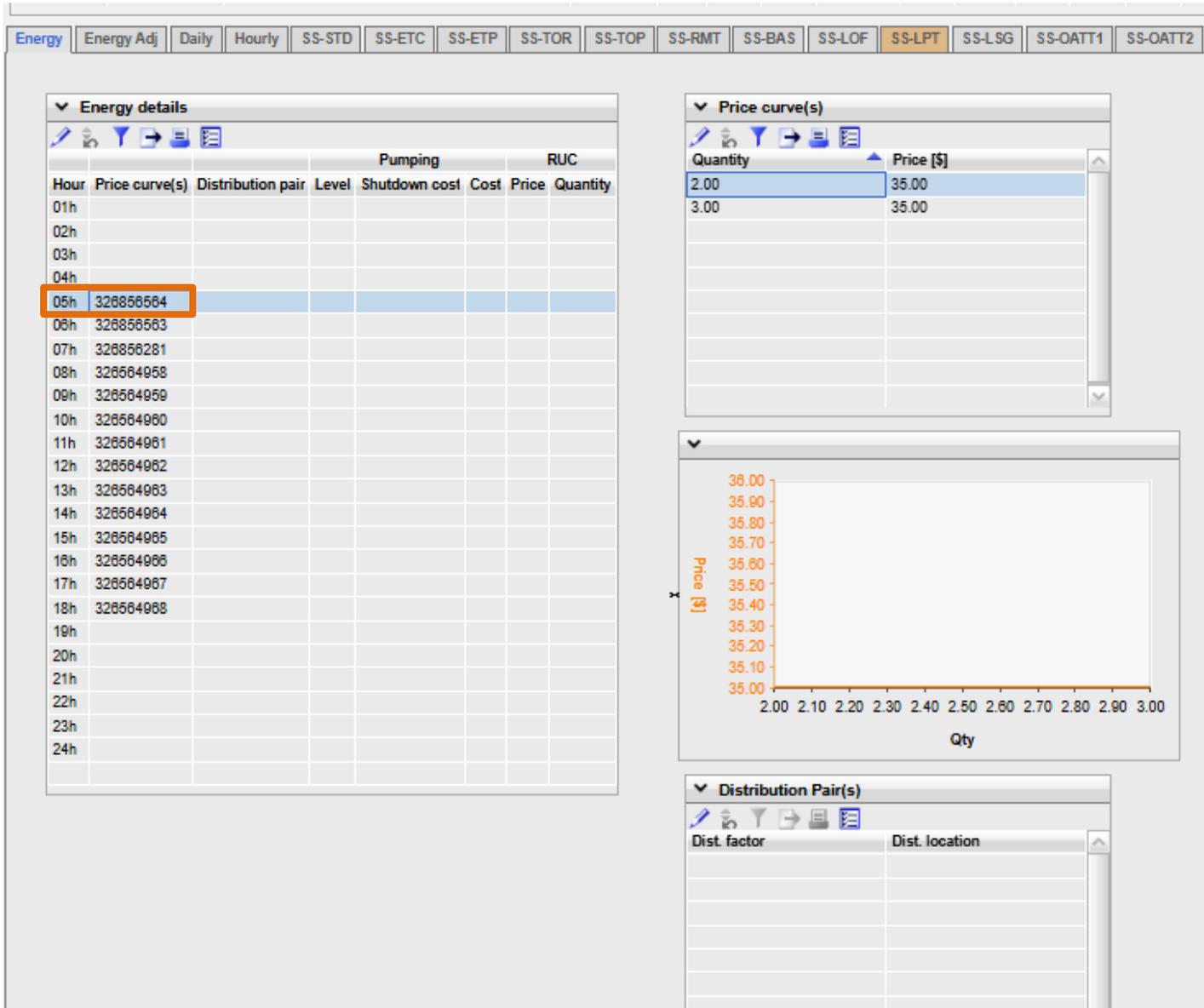
Quantity	Price

No data found

Distribution Pair(s)

Factor	Dist. location

- Click the **New row** button to create a new bid segment – note you must create two
- Enter the quantity and price – note the price in the last two segment must be the same
- Click **Update**



- The Energy Details Display will show a new price curve number for the hour you updated

- Select the Submit Selected Bid icon or right click on the bid and select Submit Bid from the drop down

California ISO | SIEMENS | MAPSTAGE SIBR 177:1 3.8.44-202408291203

Bids | Trades | Convergence Bids | Energy Forecast | Export Priority Report | Ind Viewer | OTC Viewer | Messages | Dynamic Limit | Ancillary Service Requirement | Admin

Market: Day Ahead | Date: 03/12/2028 | Coordinator: PCG2 | Apply | Reset

Bid summary

Status	Resource type	Resource ID	State	Daily	Hourly	Energy	Energy Adj	STD	ETC	ETP	TOR	TOP	RMT	BAS	LOF	LPT	LSG	OATT1	OATT2	Gen	Load	RU	RD	SR	NR	LFD	LFU	IRU	IRD	RCU	RCD	Down	Up	TCL	Submitted	Market status	
[ALL]	[ALL]		[ALL]	[A]	[A]	[ALL]	[A]	[A]	[A]	[A]	[A]	[A]	[A]	[A]	[A]	[A]	[A]	[A]	[A]	[A]	[A]	[A]	[A]	[A]	[A]	[A]	[A]	[A]	[A]	[A]	[A]	[A]	[A]	[A]	[A]	[A]	[A]
✓	Generator			✓	✓	✓										N/A				N/A	N/A														03/09/2028 11:21	Open	
⚠	Generator			✓	✓	✓										N/A				N/A	N/A														03/10/2028 08:19	Open	

Energy | Energy Adj | Daily | Hourly | SS-STD | SS-ETC | SS-ETP | SS-TOR | SS-TOP | SS-RMT | SS-BAS | SS-LOF | **SS-LPT** | SS-LSG | SS-OATT1 | SS-OATT2 | Gen SS | Load SS | AS-RU | AS-RD | AS-SR | AS-NR | AS-LFD | AS-LFU | IR | RC | RM | TCL

Energy details

Hour	Price curve(s)	Distribution pair	Level	Pumping	Shutdown cost	Cost	Price	Quantity
01h								
02h								
03h								
04h								
05h	328858504							
06h	328858503							
07h	328858281							
08h	328854958							
09h	328854950							
10h	328854980							
11h	328854981							
12h	328854982							
13h	328854983							
14h	328854984							
15h	328854985							
16h	328854986							
17h	328854987							
18h	328854988							
19h								
20h								
21h								
22h								
23h								

Price curve(s)

Quantity | Price [\$]

No data found

- Once the submission has processed, SIBR produces an icon that provides a quick view on bid status

California ISO

Market: Day Ahead Date: 03/12/2026 Coordinator: PCG2 Apply Reset

Bid summary

Status Resource type Resource ID

Generator Generator

Bid Messages for market plan: 26031200 and resource:

Status: Conditionally modified

Product	Rule#	Level	Message
	41105	5	Bid is accepted - processed for - For the State, a Start-Up Bid Component has been generated for this bid because there was no Start-Up Bid Component but there was an Energy Bid Component
	.1118	5	[] Bid is accepted - processed for - For the State, the Start-Up Time Bid Curve of a generated for Generating Resource Start-Up Bid Component for a Generating Resource and the Active Period is set to the registered Start-Up Time Curve for the Generating Resource
	41120	5	[] Bid is processed - For the State, the Start-Up Cost Bid Curve was derived as the difference between the Default Start-Up Curve and the Start-Up Opportunity Cost then divided by the Relative Proxy Start-Up Cost Ceiling plus the Start-Up Opportunity Cost based on Origin and or Manual Consult.
	41133	6	Bid processed for - Default SUC set as product of Relative Proxy SUC Ceiling and the calculated Proxy SUC based on Manual Consult of No and or Natural Gas resource.
	41134	6	Bid is accepted - Default SUC Origin set to Proxy.
	41203	6	[] Bid is accepted - processed for - Since there was a Start-Up Bid Component and no Minimum Load Cost Component one has been generated for the State
	41205	6	[] Bid processed for - Generated Minimum Load Cost set as difference between the Default Minimum Load Cost and Minimum Load Opportunity Cost divided by the Relative Proxy Minimum Load Cost Ceiling plus the Minimum Load Opportunity Cost based on Origin and or Manual Consult.
	41230	6	Bid processed for - Default MLC set to the Relative Cost plus the Opportunity Cost based on Manual consult and Natural Gas resource.
	41351	6	Bid is processed - Default Energy Bid must be single energy bid segment with price equal to the DEB price.
	41352	6	Bid is accepted - The DEB origin set to Default when no calculated Energy Bid exists.
	41603	6	Bid is accepted - processed for - For the State, an Operational Ramp Rate Bid Component has been generated with an Operational Ramp Rate Curve set to the registered Best Operational Ramp Rate Curve
	41612	6	Bid is accepted - processed for - Miscellaneous Bid generation.
	41616	6	Bid is accepted - processed for - Capacity Limit generated equal to the Maximum capacity (for MSG, highest among configurations).
	41954	6	Bid processing - RCU component extended for VER resource to certified capacity.

- Click on the Status icon for Bid Messages
- This example provides a Conditionally Modified accepted bid

The screenshot shows a 'Bid summary' window with a table of resources. A warning icon is visible in the table. An orange arrow points from this icon to a 'Bid Messages' dialog box. The dialog box title is 'Bid Messages for market plan: 26031200 and resource: [redacted]'. It shows the status as 'Invalid' and a table of bid messages.

Product	Rule#	Level	Message
	30001	5	Bid did not pass validation rules, please check rule messages for details
Energy	31302	0	Bid is Invalid - The Energy Bid Curve specified in the Generating Resource Energy Bid Component is not monotonically increasing and/or the last 2 segments are not matching.
Energy	31326	0	Bid is Invalid - The lowest Energy Bid Quantity of the Energy Bid Curve is higher than the registered Minimum Load for the Resource and state, there must be a Self Schedule to cover the bid gap.

- This example provides an invalid bid

ENVIRONMENTS & SUPPORT



Environments

CAISO uses multiple application environments so teams can develop, test, and validate changes without disrupting real-time grid operations.

Color coded bands at the top of ISO UIs let you know the which environment you are working in:



Each environment has a distinct purpose

PROD

- Live environment running the actual CAISO grid and markets
- Handles all real submissions, settlements, and telemetry
- Updated only after thorough testing to protect reliability

STAGE

- Full-scale test environment mirroring Production
- Used to validate releases, rule changes, and integrations
- Ensures participant systems work with upcoming updates

MAPSTAGE

- Environment dedicated to Market Participant testing
- Supports connectivity checks and early API/interface validation
- Less strict than Stage but designed to catch issues early

Submitting Questions in Customer Inquiry, Dispute and Information (CIDI) system

CONTACT CUSTOMER SUPPORT
TELL US HOW WE CAN HELP

*SCID

*Functional Environment

Review for Price Correction

Metering Inquiry

Manual Reference Level Change Request

Assistance Energy Designation Request

*Subject

*Description

Trade Date

Trade Hours
All Hours
01
02
03
04
05
06

Resource ID

Market

Email Recipients - Add up to 5 comma-separated addresses

- CIDI is the ISO's central platform for submitting questions, issues, and requests
- Ticket submissions should clearly state the environment (e.g., Prod, Market Simulation)
- Include screenshots, timestamps, and steps taken
- You must be a Scheduling Coordinator to enter information into CIDI
 - If you are not the SC contact your SC to request to submit on your behalf

WHAT'S NEXT?



This is step 1 in a 3-part SIBR training series

1

Introduction to SIBR –
Basic Concepts 

2

SIBR Fundamentals –
General Bidding 

3

Advance SIBR Bidding
Concepts for EDAM –
Transfer System
Resources

SIBR Training Resources

SIBR Training Courses

January 29: EDAM Scheduling Infrastructure Business Rules (SIBR) Training presentation & video

- This training covered the basics of SIBR, including access, process flows and documentation
- Presentation & video available on the ISO Training Center

March 10: **SIBR Fundamentals (Part 2)**

- This training will explore the core interface, walk through submitting and validating Energy and AS bids, and review the resulting outputs.

March 19: **SIBR Advanced Bid Submission & Validation (Part 3)**

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

SIBR Training Materials

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

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

Process for Submitting Bids / Schedules in SIBR

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

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

Find helpful training resources on the ISO Training Center

California ISO

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[Stakeholder center](#) / [Training center](#)

Training center

The California ISO is committed to providing our customers with a broad menu of high-quality training courses on the ISO market functionality, as well as individual market applications. These self-paced courses are organized into training topics that are designed to be an industry resource for market participants and the general public to learn about electric grids and markets, and the ISO's role in the electricity system.

On this page

- [Upcoming meetings](#)
- [Topics](#)
- [Recent materials](#)

Upcoming meetings

ONLINE

Session 2 - New CAISO Website Overview Webinar Training

05/29/2024 10:00 AM - 11:00 AM

Training topics

Click on a training topic to view the available courses. Our courses are intended for market participants and the general public. Please note, course content is subject to change based on the implementation of new market functionality, rules, or processes.

- Releases, initiatives and readiness notes
- Markets and operations
- Settlements and metering
- Computer-based training library
- Scheduling coordinator
- Western Energy Imbalance Market**
- Congestion revenue rights
- Reference

Recent materials

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Presentation - Resource Operations Readiness Training Batteries May 13, 2024	Presentation	05/16/2024, 2:09 PM	Back to top
Presentation - Resource Operations - Readiness Training	Presentation	05/07/2024, 3:37 PM	On this page

Computer-Based Training Courses:

- EDAM Overview Video
- EDAM Processes & Timelines
- EDAM Pricing Model
- EDAM GHG Regulation Obligations
- EDAM Bidding: Basic Concepts
- EDAM Integration with WEIM



Tell us how we're doing

Takes 3-5 minutes to complete

Helps us improve future training

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

Thank you for your participation!



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

For other questions or stakeholder specific questions or concerns use one of these methods:

- Submit a [CIDI ticket](#)
- Contact your Scheduling Coordinator
- Use the [“Contact us”](#) page on caiso.com to submit questions

REFERENCE MATERIALS



SIBR documentation is posted to caiso.com

- Existing business rules are posted, along with upcoming changes based on EDAM implementation.
- Release notes capture changes made to business rules.
- Additional technical information is posted to the ISO's Developer Portal (account required).

[Systems and applications](#) / [Portals and applications](#) / [Scheduling Infrastructure Business Rules \(SIBR\) - Bidding](#)

Scheduling Infrastructure Business Rules (SIBR) - Bidding

The Scheduling Infrastructure Business Rules (SIBR) – Bidding application provides market participants with the ability to submit bids for energy and energy-related commodities and services.

[Access the application through the MPP* !\[\]\(5c65cabb9dec68d83bd41cb0bb782f76_img.jpg\)](#)

*Certificate required

Technical documentation, including technical specifications and artifacts (WSDL, XSD), are available on the Developer Portal (developer account required).

[View all previous release notes and business rules for SIBR.](#)

Production

- [SIBR Scheduling Coordinator User Guide](#)  08/23/2023, 9:44 AM
- [SIBR Business Rules for Bidding v1 1.7.4](#)  08/02/2023, 11:51 AM
- [SIBR Reports Self Schedule Contracts Report](#)  07/16/2009, 12:59 PM

Upcoming

- [SIBR Business Rules for DAME and EDAM](#)  05/28/2025, 10:28 AM
- [SIBR Release Notes for Extended Day-Ahead Market and Enhancements \(EDAM/DAME\)](#)  05/28/2025, 10:28 AM
- [SIBR Release Notes Rules for Price Formation Enhancement \(PFE\)](#)  06/28/2024, 10:22 AM
- [SIBR Business Rules for Bidding v 1 1.8.3](#)  06/28/2024, 10:22 AM
Scheduling Infrastructure Business Rules for Price Formation Enhancement
- [SIBR Scheduling Coordinator User Guide for DAME](#)  03/05/2024, 11:06 AM
- [SIBR Business Rules for Bidding v1 1.8](#)  12/01/2023, 10:09 AM

Developer Portal



Developer resources

Welcome to the ISO's site for developers to interface with our technical systems and services. This site provides detailed descriptions of current and emerging Application Programming Interfaces (APIs), acceptable use, connectivity, sample code, and frequently asked questions.

Sign up

Log in

<https://developer.caiso.com/>

Documentation Types:

- Technical Specs
- Services
- Resources:
 - User Guides
 - Release Notes
 - FAQs & Forums

Enhance your programs using our APIs

This is the main source for technical programming information for California ISO. Find services, sites, and documentation for each ISO app.

Don't know where to start?

[View our Getting Started Guide](#)

Have questions?

[View our Developer Forum](#)

News

CAISO will be retiring
<https://wsstas.caiso.com:4445 6/23>

CAISO Python B2B SOAP Utility Available for Download

Accessing applications and services



Sites
ISO URLs and end point information



Release planning
Technical specifications and project information



Frequently asked questions
Answers to common questions



Rate Limit and Acceptable Use Policy
Regulates web service consumption by users



Access and Identity Management (AIM)
Request, obtain, update and maintain user access to ISO applications



B2B Security Specification
Provides definition of the syntax and semantics of security tokens that California ISO exchanges with external entities



API Terms of Use
License and restriction information for use of California ISO APIs



Supported browsers
List of applications and sites with supported browsers



Truststore Root Certificate Integration
Truststore Root Certificate Integration FAQ

Apps

ADS Automated Dispatch System	ALFS Advanced Load Forecasting System	BAAOP Balancing Area Authority Operator Portal	BSAP Base Schedule Aggregation Portal
CIRA Customer Interface for Resource Adequacy	CMRI Customer Market Results Interface	CRR Congestion Revenue Rights	DRRS Demand Response Registration System
ETCC Existing Transmission Contracts Calculator	FDR Forecast Data Repository	HANA Hosted Advanced Network Applications	MFRD MasterFile
MNS Market Notification Service	MRI-S Market Results Interface - Settlements	OASIS Open Access Same-time Information System	OMS Outage Management System
RCBSAP Reliability Coordinator Base Schedule Aggregation Portal Interface	RCEIDE RC Electric Industry Data Exchange	RTSI Real Time Scheduling Interface	SIBR Scheduling Infrastructure Business Rules
webLineR Transmission Line Ratings Management System			

Developer Portal – SIBR Page

SIBR Scheduling Infrastructure Business Rules

HOME / APPS / SIBR

Overview

- The SIBR application:
- Accepts bids and trades for energy and energy-related commodities from SCs that are certified to interact with ISO
 - Ensures that those bids and trades are valid and modifies bids for correctness when necessary;
 - Enters those bids and trades into a database for processing by other components of the ISO's management systems;
 - Provides required feedback to SCs concerning bids and trades that have been submitted.

Resources

- [SIBR Bidding](#)
- [SIBR Inter-SC Trades](#)
- [SIBR UI screenshot](#)
- [HTTP Error Codes](#)
- [Connectivity Test](#)
- [SIBR FAQ](#)
- [.NET Sample](#)

Web Services Environments

 MAP Stage https://mapstage-ws.caiso.com/sst/sibr IP addresses to whitelist: 45.42.16.0/21 Ports 80 & 443	 Production https://ws.prod.caiso.com/sst/sibr IP addresses to whitelist: 45.42.16.0/21 network on ports 80 & 443
--	---

[View UI Environments](#)

Tech Specs

[About status](#)

NAME	STATUS	RELEASE	LAST UPDATED
SIBR Interface Spec for Inter SC Trade Services_v2.2 REDLINE.pdf	LEGACY	NA	3/21/2024

Library

Scheduling Infrastructure Business Rules (SIBR) - Bidding

Technical documentation, including technical specifications and artifacts (WSDL, XSD), are available on the ISO Developer site at <https://developer.caiso.com>.

Topics / Systems and applications / Applications and sites / Scheduling Infrastructure Business Rules (SIBR) - Bidding

2 topics

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 Previous release notes and business rules 21 documents	 Business user documentation 6 documents
--	---

Library

Business user documentation

Topics / Systems and applications / Applications and sites / Scheduling Infrastructure Business Rules (SIBR) - Bidding / Business user documentation

2 topics

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 Production 1 documents	 Upcoming future 5 documents
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5 documents

Filter table contents by title... 5 of 5 results

TITLE	TYPE	POSTED
SIBR Business Rules for DAME and EDAM Update v 12.3.4 6.32 MB		01/12/2026, 5:16 PM
SIBR Release Notes for Extended Day-Ahead Market and Enhancements (EDAM/DAME) 2.44 MB	Release Notes	01/12/2026, 5:16 PM
Updated with 12.3.1 changes		
SIBR Release Notes Rules for Price Formation Enhancement (PFE) 757.95 KB		06/28/2024, 10:22 AM
SIBR Scheduling Coordinator User Guide for DAME 8.45 MB	Guide	03/05/2024, 11:06 AM
SIBR Release Notes Rules for Post Fall 2023 v1.1.8 (PWT Base) 833.78 KB	Release Notes	12/01/2023, 10:09 AM



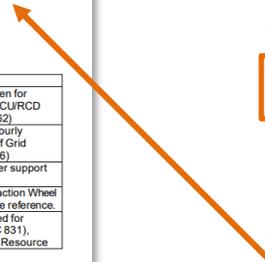
California ISO SIBR - Scheduling Coordinator Users Guide

January 26, 2024

Revision History

Date	Version	By	Description
1/26/2024	8.0	WT	Added Mock screen for DAME IRUI/RD/RCD products (pg 61-62)
8/21/2023	7.3	WT	Update for new Hourly component for Off Grid Charge. (pg 55-56)
2/23/2023	7.2	WT	Update for browser support Edge Chrome
12/20/2022	7.1	WT	Update UI Transaction Wheel Counter Resource reference.
6/8/2022	7.0	WT	New UI tabs added for Messages (FERC 831), Ancillary Service Resource

Version: 8.0
Release Date: 1/26/2024



Scheduling Infrastructure Business Rules (SIBR)

SIBR Business Rules for Spring 2026 DAME EDAM Version 12.3.4 1/9/2026 CAISO Public						
Market	Business Rule ID	Business Rule Numbering	Description	Comments		
		1	General	Constants, configurable parameters and general system		
ALL	10001	1 0 0 1	The configurable Time Precision must be initialized to one minute.			
ALL	10002	1 0 0 2	The configurable Quantity Precision must be initialized to 0.01 MW, MWh, or MW/min.			
ALL	10003	1 0 0 3	The configurable Price Precision must be initialized to one cent of a US Dollar.			
ALL	10020	1 0 0 4	The configurable Distribution Factor Precision must be initialized to 0.0001.			
ALL	10029	1 0 0 5	The configurable Balancing Tolerance must be initialized to 0.1 MW.			
ALL	10004	1 0 0 6	All Submitted Bids and Submitted Trades must adhere to the following numerical precision rules: a) all time quantities must have a precision no finer than the configurable Time Precision, b) all Energy, Capacity, and Ramp Rate quantities must have a precision no finer than the configurable Quantity Precision, and c) all prices must have a precision no finer than the configurable Price Precision.			
ALL	10005	1 0 0 7	The configurable Maximum Start-Up Time/Cost Curve Segment Number for Submitted Bids must be initialized to 3.			
ALL	10006	1 0 0 8	The configurable Maximum Energy Curve Segment Number for Submitted Bids must be initialized to 10.			
ALL	10007	1 0 0 9	The configurable Maximum Ramp Rate Curve Segment Number for Submitted Bids must be initialized to 4.			
ALL	10048	1 0 0 10	The configurable NGR Maximum Ramp Rate Curve Segment Number for Submitted Bids must be initialized to 2.			
ALL	10021	1 0 0 11	The configurable Energy Bid Floor must be initialized to -\$150/MWh.			
ALL	10022	1 0 0 12	The configurable Energy Bid Ceiling must be initialized to \$2000/MWh.			
ALL	10074	1 0 0 13	The configurable Energy Bid Soft Cap must be initialized to \$1000/MWh.			
DAM	10076	1 0 0 14	The configurable Day-Ahead Inter-Tie Virtual and Non Participating Load Energy Bid Ceiling must be initialized to the Energy Bid Soft Cap for each Trading Hour.			
RTM	10077	1 0 0 15	The configurable Real-Time Inter-Tie Energy Bid Ceiling must be initialized to the Energy Bid Ceiling for each Trading Hour in which the Energy Bid Ceiling High Limit Flag is set to Yes, otherwise it must be initialized to the Energy Bid Soft Cap, and all Scheduling Coordinators must be notified of Trading Hours in which the Real-Time Inter-Tie Energy Bid Ceiling was initialized to the Energy Bid Ceiling.			

Business Rules

Bidding rules for bid submission

Figures

Business Rules

Terms

Definitions of the business rules

SIBR Business Rules for DAME and EDAM Update v12.3.4

These resources provide more information about bidding and validation

Title	Link
Business Practice Manual (BPM) for Market Instruments	https://bpmcm.caiso.com/Pages/BPMDetails.aspx?BPM=Market%20Instruments
Business Practice Manual (BPM) for Market Operations section 2.5.2 Bids	https://bpmcm.caiso.com/Pages/BPMDetails.aspx?BPM=Market%20Operations
Knowledge Article: Reasons Day-Ahead Market Results May Not Seem Economic	https://caiso.my.site.com/custsvccomm/s/article/Reasons-Day-Ahead-Market-Results-May-Not-Seem-Economic
Resource Performance Expectations of Dispatch and Operating Instructions (CBT)	https://www.caiso.com/content/cbt/resource-performance-expectations-dispatch-operating-instructions/story.html
SIBR Business Rules for Bidding webpage	https://www.caiso.com/systems-applications/portals-applications/scheduling-infrastructure-business-rules-sibr-bidding
Tariff: Section 30 – Bid and Self-Schedule Submission for all CAISO Markets	https://www.caiso.com/legal-regulatory/tariff

Reference Material (cont.)

Title	Link
Market Participant Portal	https://portal.caiso.com/
Developer Portal	https://developer.caiso.com/
SIBR – Scheduling Coordinator Users Guide for DAME	https://www.caiso.com/documents/sibr_scuserguide_80.pdf
SIBR Business Rules for DAME and EDAM Update v12.3.4	https://www.caiso.com/documents/sibr-business-rules-for-dame-and-edam-update.xlsx

To find basic training information on bids and base schedules, and gaining access to applications view the following resources:

- Computer-based training courses:
 - [Economic Bids and Self Schedules](#)
 - [EDAM Bidding Basic Concepts](#)
 - [How to Gain Access to the ISO Applications](#)
- Instructor led training presentations and recordings:
 - [EDAM Bidding Intermediate – presentation](#)
 - [EDAM Scheduling Coordinator Training Day 2, September 11th, 2025 – recording](#)