



California ISO

2025 Reassessment Cluster 15 Restudy

Report Meetings by Study Area

May 2026

Phone line only participants – verification needed

If you joined via a phone line. Please send an email to IRInfo@caiso.com with your name, phone number and the queue position of your study area project.

Any participant, unverified 15 minutes after this announcement, will be removed from the meeting.

Engagement Best Practices



The results meetings are being recorded for ISO Use only



The meeting is structured to stimulate dialogue.



Please engage in a respectful and professional manner. Follow the facilitator's guidance for speaking or asking questions.



We thank you for engaging in a respectful and professional manner.



Closed Captioning is available at the bottom of the Webex screen. Transparency Viewer is not available to protect anonymity.

Instructions for Raising Your Hand to Ask a Question



Please remember that if you raise your hand to speak, your name will be visible to participants.



If you are connected to audio through your computer or used the 'call me' option, select the raise hand icon located on the bottom of your screen. Start speaking 2 seconds after you're unmuted.



If you are connected on the phone line only and not the Webex, dial *3 to be added to the raise hand queue.



You may send questions via chat to all panelists to remain anonymous.



If you need technical assistance during the meeting, please send a chat to the event producer at Intellor Events.



Agenda

Welcome
Statement of confidentiality
Introductions and general information
Queue and study area information
Deliverability
Questions
Next steps
Withdrawal information

Statement of Confidentiality

During the course of these meetings, participants may share and receive information related to projects within this study area. Participants in today's meeting include, but may not be limited to, the Interconnection Customers and/or their representatives, PTOs, the CAISO, and invited Affected Systems. Some of the information shared may include information that is confidential to Interconnection Customers or CAISO. Accordingly, all participants agree to maintain the confidentiality of any such information pursuant to the confidentiality obligations in Tariff Appendix KK Section 15.1.1 and 15.1.2 and/or any related NDAs between themselves and CAISO. By participating in these meetings, the Interconnection Customers consent to the disclosure of this information pursuant to these information sharing restrictions. In the event that a participant is unable to agree to this Confidentiality statement, you will be required to excuse yourself from this meeting or disconnect from the conference call. All parties remaining will be regarded as agreeing to the aforementioned confidentiality statement and standards of the statement.

Introductions

CAISO

PTO

Affected Systems

Interconnection Customers

- Cluster 15
- Pre Cluster 15

Phone line only participants – verification needed

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General Information

- Please take your own notes, the CAISO will not issue meeting minutes
 - This presentation will be posted
- Questions are encouraged and will be answered with the information available today
 - Chat questions will remain anonymous
 - A raised hand will show your name
- The CAISO does not intend to take action items. If an action item is warranted, an email response will be sent to all attendees in a reasonable time following the final area report meeting
- We are not able to accommodate project specific meetings. ICs will have individual Interconnection Facilities Study meetings.
- Please ask questions during the meeting. We may not be able to address follow up questions after the meeting ends.

Queue and Study Area Information – SCE Eastern

Identified Affected System
Arizona Public Service (APS)
Imperial Irrigation District (IID)
Los Angeles Department of Water and Power (LADWP)
Metropolitan Water District (MWD)
Salt River Project (SRP)
Western Area Power Administration (WAPA) Desert Southwest Region (DSR)

Study Area	NET MW POI	Number of Projects
SCE EASTERN	2,438	8
CIELO AZUL 500 kV	1,000	1
COLORADO RIVER 230 kV	301	1
DEVERS 500 kV	400	1
ETIWANDA 230 kV	13	1
RED BLUFF 230 kV	535	3
RED BLUFF 500 kV	190	1

Sources: CAISO QM and [C15 Queue Report](#)

Queue and Study Area Information – SCE East of Pisgah

Identified Affected System
Los Angeles Department of Water and Power (LADWP)
NV Energy
Salt River Project (SRP)
Arizona Public Service (APS)
Western Area Power Administration (WAPA) Desert Southwest Region (DSR)

Study Area	NET MW POI	# of Projects
SCE EOP	1,800	7
LATHROP 230 kV	350	1
VALLEY SWITCH 230 kV	1,450	6

Sources: CAISO QM and [C15 Queue Report](#)

Queue and Study Area Information - Kern

Identified Affected Systems
Modesto Irrigation District (MID)
Turlock Irrigation District (TID)
Western Area Power Administration (WAPA) Sierra Nevada Region (SNR)
City & County of San Francisco (CCSF)
California Department of Water Resources (CDWR)
Imperial Irrigation District (IID)

Study Area	NET MW POI	# of Projects
PG&E KERN	3,800	6
ARCO-MIDWAY	300	2
BITTERWATER SW STA 230 kV	300	1
DRY LAKE SW STA 500 kV	900	1
HARLAN SW STA 500 kV	2,300	2

Sources: CAISO QM and [C15 Queue Report](#)

Queue and Study Area Information - Fresno

Identified Affected System
Modesto Irrigation District (MID)
Turlock Irrigation District (TID)
Western Area Power Administration (WAPA) Sierra Nevada Region (SNR)
City & County of San Francisco (CCSF)
California Department of Water Resources (CDWR)

Study Area	NET MW POI	# of Projects
PG&E FRESNO	9,212	29
DRY LAKE SW STA 500 kV	2,050	7
FINK SW STA 230 kV	370	2
HARLAN SW STA 500 kV	300	1
LE GRAND 115 kV	180	1
LOS BANOS 500 kV	400	1
LOS BANOS-GATES #3	800	1
MANNING 500 kV	3,812	9
ORO LOMA 115 kV	100	1
ORO LOMA 70 kV	100	1
QUINTO SW STA 230 kV	600	3
QUINTO SW STA- FINK SW STA 230 kV	400	1
TRANQUILLITY SW STA 230 kV	100	1

Sources: CAISO QM and [C15 Queue Report](#)

Queue and Study Area Information – SDG&E

Identified Affected System
Arizona Public Service (APS)
Imperial Irrigation District (IID)
Centro Nacional de Control de Energia (CENACE)

Study Area	NET MW POI	# of Projects
SDG&E	1,720	6
EAST COUNTY 230 kV	300	1
HASSAYAMPA 500 kV	700	2
MARGARITA 138 kV	120	1
NORTH GILA - HOODOO WASH (SDGE Portion Only)	500	1
TALEGA 138 kV	100	1

Sources: CAISO QM and [C15 Queue Report](#)

Queue and Study Area Information – North of Lugo

Identified Affected System
Los Angeles Department of Water and Power (LADWP)
NV Energy

Study Area	NET MW POI	# of Projects
SCE NOL	1,638	5
CALCITE 230 kV	638	2
LUGO-PISGAH NO.2	700	1
PISGAH 230 kV	300	2

Sources: CAISO QM and [C15 Queue Report](#)

Queue and Study Area Information - NGBA

Identified Affected System
Western Area Power Administration (WAPA) Sierra Nevada Region (SNR)
California Department of Water Resources (CDWR)
City & County of San Francisco (CCSF)
Modesto Irrigation District (MID)
Northern California Power Agency (NCPA)
NV Energy
Sacramento Municipal Utility District (SMUD)
Transmission Agency of Northern California (TANC)
Turlock Irrigation District (TID)
City of Redding
Silicon Valley Power (SVP)

Study Area	NET MW POI	Number of Projects
PG&E NGBA	722	4
BIRDS LANDING SW STA 230 kV	105	1
DELEVAN-CORTINA	217	2
RIO OSO 230 kV	400	1

Sources: CAISO QM and [C15 Queue Report](#)

Queue and Study Area Information - GBA

Identified Affected System
Western Area Power Administration (WAPA) Sierra Nevada Region (SNR)
California Department of Water Resources (CDWR)
City & County of San Francisco (CCSF)
Modesto Irrigation District (MID)
Northern California Power Agency (NCPA)
NV Energy
Sacramento Municipal Utility District (SMUD)
Transmission Agency of Northern California (TANC)
Turlock Irrigation District (TID)
City of Redding
Silicon Valley Power (SVP)

Study Area	NET MW POI	# of Projects
PG&E GBA	3,322	13
BELLOTA 230 kV	500	1
BELLOTA-RIVERBANK	150	1
KASSON 115 kV	250	1
LAMMERS 115 kV	99	1
LOCKEFORD 115 kV	299	2
LOS ESTEROS 115 kV	300	1
MOSS LANDING PP 115 kV	199	1
TESLA 500 kV	500	1
TESLA 230kV	900	3
VALLEY SPRINGS 230 kV	125	1

Sources: CAISO QM and [C15 Queue Report](#)

Queue and Study Area Information – SCE Metro

Identified Affected System
Los Angeles Department of Water and Power (LADWP)
City of Vernon
City of Anaheim

Study Area	NET MW	# of POI Projects
SCE METRO	7,845	19
CHINO 230 kV	699	2
EAGLE ROCK 230 kV	100	1
LAGUNA BELL 230 kV	1,000	1
LUGO 500 kV	3,987	10
MIRA LOMA 230 kV	559	3
RANCHO VISTA 230 kV	500	1
VIEJO 230 kV	1,000	1

Sources: CAISO QM and [C15 Queue Report](#)

Queue and Study Area Information – SCE Northern

Identified Affected System
Los Angeles Department of Water and Power (LADWP)
California Department of Water Resources (CDWR)

Study Area	NET MW POI	# of Projects
SCE NORTHERN	4,748	11
ANTELOPE 230 kV	197	1
MAGUNDEN-PASTORIA NO.3	600	1
Magunden-Springville No.1 220 kV	500	1
VINCENT 230 kV	1,200	2
VINCENT 500 kV	450	1
WHIRLWIND 230 kV	801	3
WINDHUB 230 kV	550	1
WINDHUB 500 kV	450	1

Sources: CAISO QM and [C15 Queue Report](#)

Questions?



Next Steps

Issue Interconnection Facilities Study Agmt incl Appendix B Technical Data	Return Agmt, Apdx B; 10% Commercial Readiness Deposit and demo of 100% Site Control	Interconnection Facilities Study	Draft Interconnection Facilities Study Report Comment Period	Final Interconnection Facilities Study Report	Interconnection Facilities Study Report Meeting
<i>5/27/2025-1/19/2027</i>					
				May be extended by 15 BD	
5/27/2026		7/3/2026	10/31/2026	11/30/2026	1/13/2027
6/2/2026	7/2/2026	10/30/2026	11/29/2026	1/12/2027	2/11/2027

[RIS Interconnection Study Timeline](#)

IC Activities due by July 2, 2026

Interconnection Facilities Study Agreement

- Will be issued no later than June 2 via DocuSign
- ICs will have 30 days to sign and return

Appendix B Data Sheet

- Open Project View in GRIP
- Click the blue link at the bottom to begin
- For more detail consult the [GRIP User Guide](#)

Appendix B Data Sheet Modifications

- Reduce ISC 15%
- Reduce fuel type 15%
- Add battery less than 5 MW; no increase to ISC; DS unchanged
- Change transformer impedance
- Change generator transformer – case by case
- Anything not listed above is not permitted

Accepted on
Appendix B



- Changes to POI
- Share gen-tie with another project
- Combine projects
- Add fuel type other than battery
- Modify fuel types
- Convert to EO
- Changes to study pathway used in scoring

Not Accepted
on Appendix B



- Changes that do not require a power flow study, bus flow study or short circuit analysis.
- All other allowed changes will be reflected in the next year's reassessment.

Reflected in
Facilities
Study Report



IC Activities due by July 2, 2026 - continued

Commercial Readiness Deposit increase to 10% of ANU

- Amount will be sent in a GRIP comment no later than June 2
- Work with PTO to revise the CRD amount [Interconnection Study Deposit and Fee Instructions](#)

Demonstrate 100% Site Control

- Same process as prior site control activity
- If a change to site control needs to be made, click “Yes” and enter changes
 - Site changed from prior submittal
- Click “No” if already submitted 100% of required land and no changes from prior submittal

Withdrawal Penalty Information

– After Restudy and Prior to Facilities Study

Prior to Interconnection Facilities Study commencement (anticipated date 7/3/26)

- Greater of: Study Deposit or 5% of estimated NU, and
- 50% of Merchant Option Deposit (for projects in a Merchant Zone)

Withdrawals exempt from penalties per Appendix KK Section 3.8.1

- Assigned Network Upgrade costs increased by more than 25% compared to costs identified in the Cluster Study Report, **or**
- Withdrawal does not have a material impact on the cost or timing of any Interconnection Request in the same Cluster
 - Withdrawing project has 100% cost responsibility for all upgrades and the withdrawal does not negatively impact other projects in any way

Questions?

