



# Generator Interconnection: Supercluster Interconnection Procedures

June 21, 2021

Stakeholder Web Conference

## Reminders

- This call is being recorded for informational and convenience purposes only. Any related transcriptions should not be reprinted without ISO permission.
- Calls are structured to stimulate an open dialogue and engage different perspectives with the expectation that stakeholders have read the meeting material.
- Please keep comments professional and respectful.
- We encourage stakeholders to submit questions via the WebEx chat feature.
- If time permits, verbal questions/comments will be addressed and time limits may be used to ensure we hear from all stakeholders.
- Please refrain from repeating or reiterating what has already been said so that we can manage the time efficiently.

# Agenda

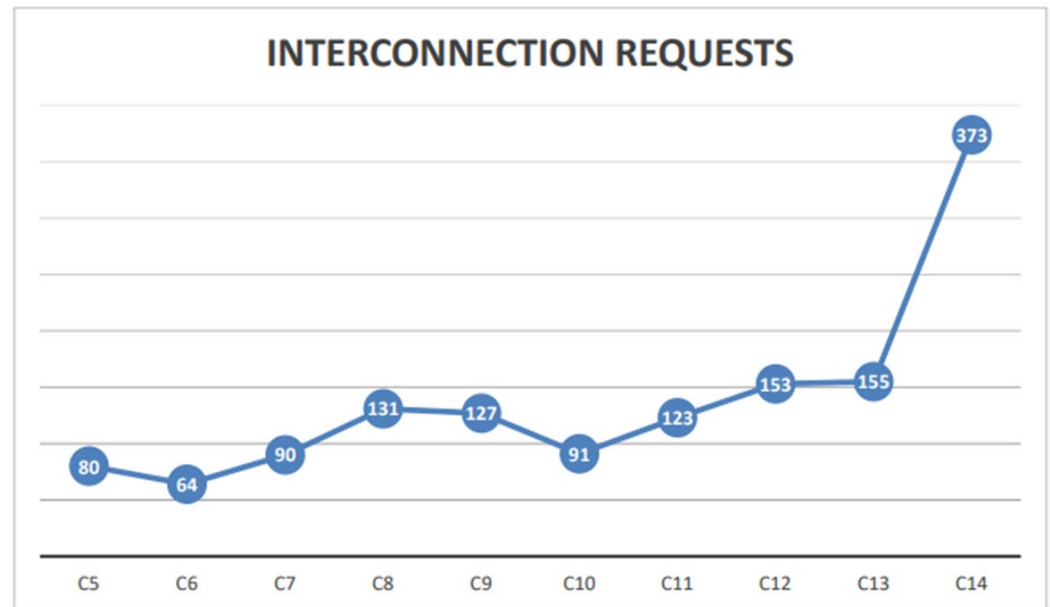
- Stakeholder Process Schedule
- Background
- Initial Proposal
- Final Proposal Changes & Clarifications
- ISO Tariff Appendix DD – new section
- Next Steps

# Stakeholder Process Schedule

Stakeholder process schedule		
Step	Date	Activity
Issue Paper/Draft Final Proposal	May 15, 2021	Post Issue Paper/Straw Proposal
	May 21, 2021	Stakeholder web conference
	May 28, 2021	Stakeholder comments due
Final Proposal and Draft Tariff	June 14, 2021	Post Final Proposal and Draft Tariff
	June 21, 2021	Stakeholder web conference
	June 28, 2021	Stakeholder comments due
Board approval	July 14-15, 2021	CAISO Board of Governors meeting

# Background: Size of Interconnection Queue Cluster 14 Requires Study Timeline and Process Changes

- In the last decade the CAISO has received an annual average of 113 queue cluster interconnection requests
- This year the CAISO received 373 interconnection requests totaling over 110 GW
- The CAISO proposes to expand its study timelines and alter its study processes to accommodate this queue “supercluster” under our current tariff framework and ensure meaningful study results



# In its issue paper & draft final proposal the CAISO proposed three principal revisions to its queue cluster interconnection process

1. Overall study process will be extended by approximately 1 year.
2. Estimated costs and cost allocations in Phase I studies will be advisory, the Phase II studies set the cost caps.
3. Interconnection customers will be eligible for 100% refund of their initial financial security if the Phase II study:
  - a) increases the maximum cost responsibility by 25% or more than identified in the Phase I study, or;
  - b) extends the longest-duration reliability network upgrade by one year or more than identified in the Phase I study.

# Proposal changes & clarifications and ISO comments based on stakeholder comments

- Changes will apply to Cluster 14 alone with no mechanism for triggering future supercluster schedule changes.
- Interconnection customer must withdraw the interconnection request prior to the second interconnection financial security posting date to be eligible for the 100 percent refund.
- No change to the current practice of study reports provided to interconnection customers simultaneously for the whole cluster.
- The Phase I study plan containing the detailed scenarios and dispatch approach in the reliability assessment will be posted on the Market Participant Portal.
- No change to the 25% cost increase calculation for receiving a 100% refund of interconnection financial security postings.
  - To clarify the treatment of CANUs in this process, if a Phase I identified CANU is converted to an ANU in Phase II, then the cost of the Phase I MCR is increased by the amount of the CANU converted to an ANU. This type of increase is not protected in the 25 percent MCR increase calculation.

# Proposal changes & clarifications and ISO comments based on stakeholder comments (cont'd)

- The CAISO received a number of suggestions for limiting the number of cluster 14 projects.
  - the CAISO is not proposing additional requirements on cluster 14 to participate in the interconnection study process.
  - Any criteria for requiring higher thresholds for projects submitting an interconnection request or for entering Phase II will be considered in the upcoming IPE initiative this fall.
- The CAISO clarifies the proposal impact on transmission plan deliverability (TPD) allocation schedules:
  - No change to the 2022 TPD allocation cycle following the cluster 13 Phase II studies.
  - The TPD allocation cycle following the completion of the cluster 14 Phase II studies will be delayed by one year.
  - Projects that park or remained parked following the 2022 allocation cycle will be parked for two years until the 2024 allocation cycle following cluster 14 Phase II studies.



# ISO Tariff Appendix DD new section

Bill Weaver

# Proposed Supercluster Schedule

Deadline	Supercluster Proposal	Typical Cluster
Phase I Study Results Published	September 15, 2022	January 11, 2022
Initial IFS Due	January 13, 2023	April 25, 2022
Cluster 15 Request Window	April 15, 2023	April 15, 2022
Phase II Study Results Published	November 24, 2023	November 20, 2022
TPD Affidavits Due	December 8, 2023	December 1, 2022
TPD Results Published	March 23, 2024	March 14, 2023
Second IFS Due	May 4, 2024	May 19, 2023
Reassessment	August 20, 2024	August 1, 2023

The timelines proposed are the outer boundaries, and if significant attrition occurs during the study process, the schedules may be compressed to more modest timelines.

## Next Steps

- Please submit comments on the final proposal and draft tariff language to [initiativecomments@caiso.com](mailto:initiativecomments@caiso.com) by end of day June 28, 2021.
- Assuming this approach is taken, the ISO intends to present this proposal for approval during the July 14-15 Board of Governors meeting.