



October Eclipse Scheduling Coordinator and Resource Expectations Informational Call

October 03, 2023
Short-Term Forecasting
Market Operations Coordination


New pre-registration process to join meetings

- Pre-registration is required for all future stakeholder meetings in order to receive a link to join the meeting.
 - The link to pre-register is available in the meeting notice, and the ISO calendar.
- A recent update to WebEx disabled the ability to view the list of meeting attendees.
- The new pre-registration process will allow us to provide the list of meeting attendees to stakeholders during the call.
- Please make sure your systems administer white list our domain to receive the web conference notification email.

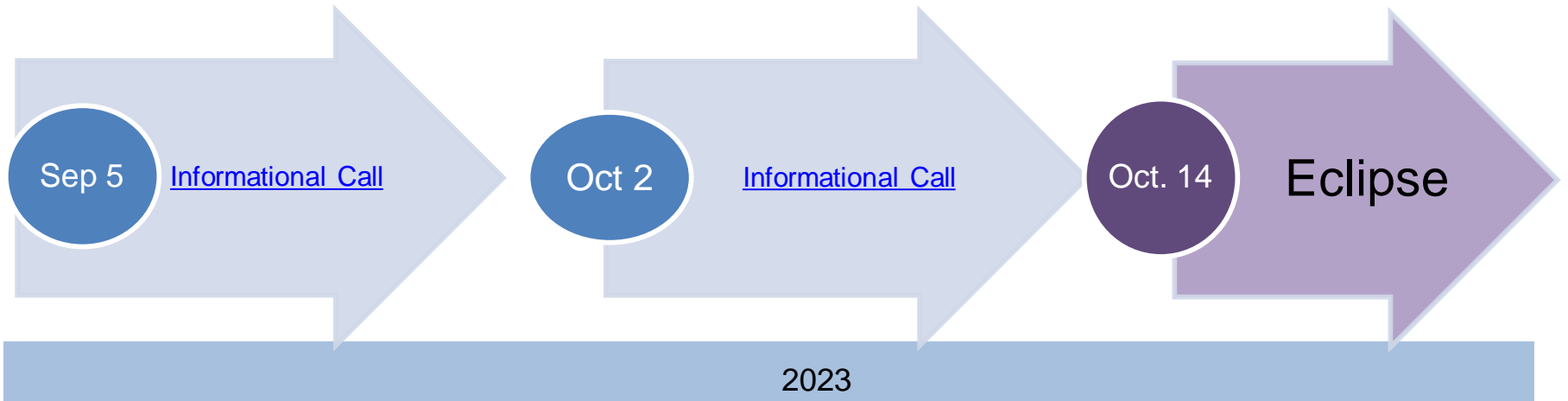
Housekeeping Reminders:

- This call is intended to foster open dialogue and sharing of ideas and perspectives
- This call is being recorded for informational and convenience purposes only. Any related transcriptions should not be reprinted without ISO's permission.
- Please keep comments brief and refrain from repeating any comments previously made.

Instructions to ask a question

- Select the raise hand icon  located in the lower tool bar. You will hear a beep tone when you are un-muted; at that time please state your name, and question.
- Phone only use #2 when dialed into the meeting.
 - Please remember to **state your name and affiliation** before making your comment.
- Do not mute yourself until you have completed your question or comment. WebEx platform will LOCK and mute you if you mute yourself once you have finished your question.
- If you need technical assistance during the meeting, please send a chat to Brenda Corona or the event producer.

CAISO informational meetings for Solar Eclipse



October Eclipse Scheduling Coordinator and Resource Expectations

Agenda – Oct 3, 2023
1 p.m. – 2 p.m. (PST)

Time:	Topic:	Presenter:
1:00 – 1:05p.m.	Introduction, Agenda	Brenda Corona
1:05 – 1:55 p.m.	Planning for the October 14, 2023 Solar Eclipse	Amber Motley, Brian Murray
1:55 – 2:00 p.m.	Next steps	Brenda Corona



Planning for the October 14, 2023 Solar Eclipse

Amber Motley, Director, Short-Term Forecasting

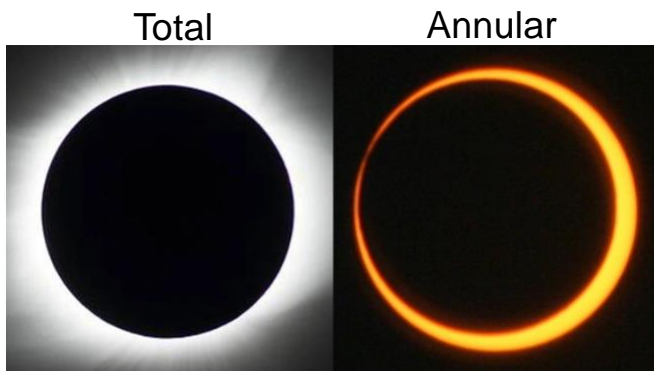
Brian Murray, Manager, Market Operations Coordination

October 3, 2023

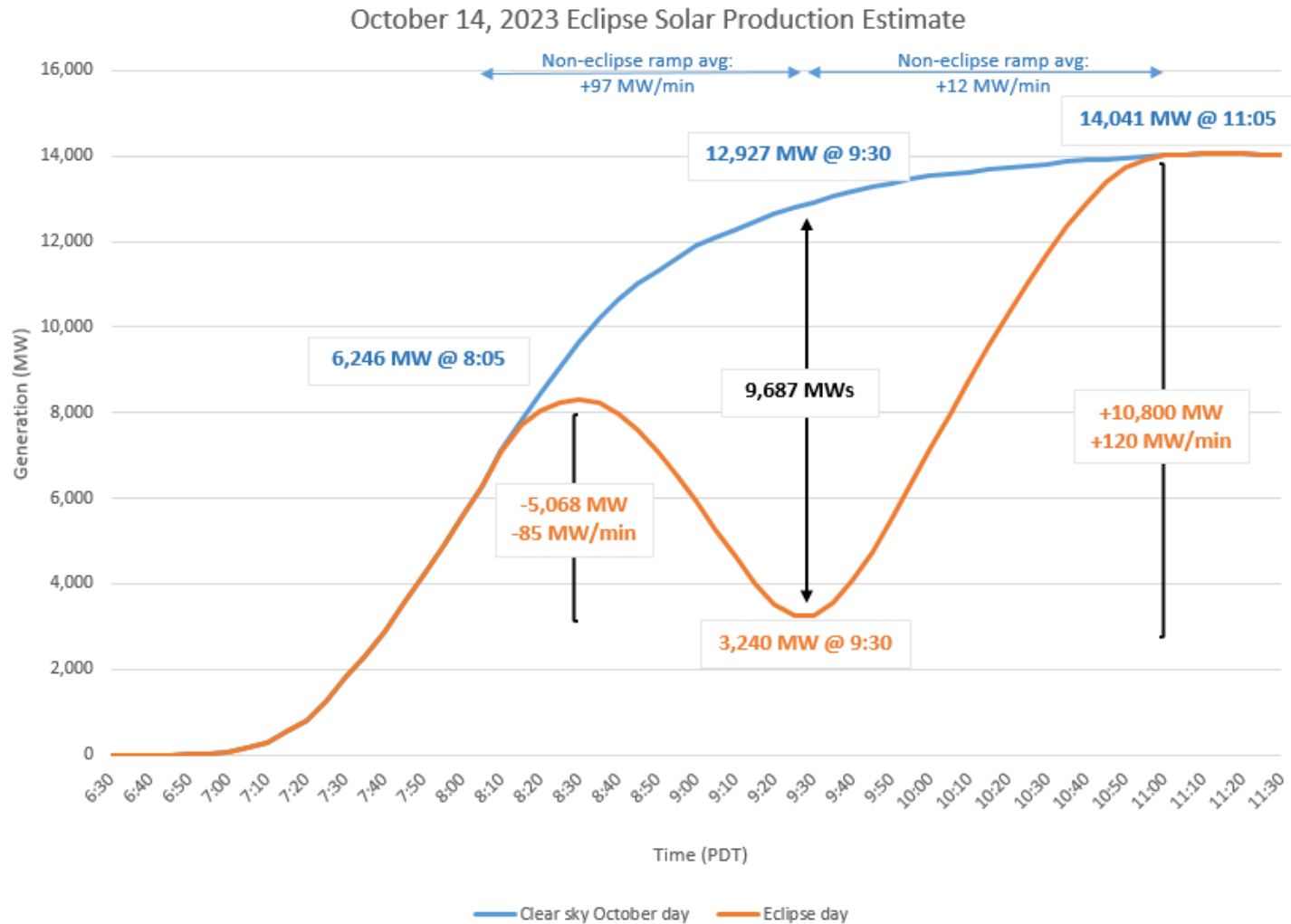
CAISO PUBLIC

Eclipse Overview

- Saturday, October 14
- Impacts California 8-11 a.m.
- Annular eclipse
 - Sun isn't fully covered by the moon

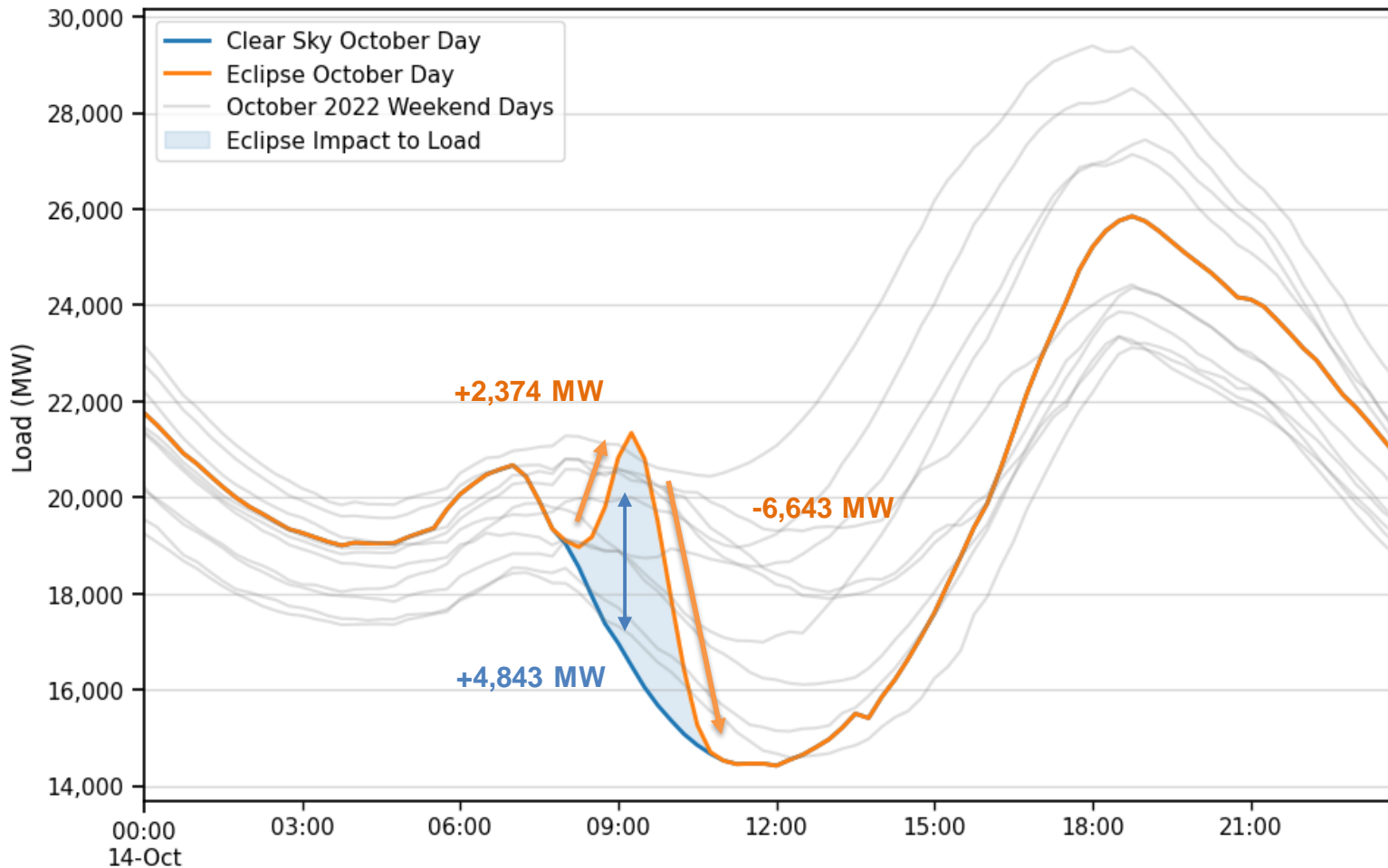


System-wide solar impact



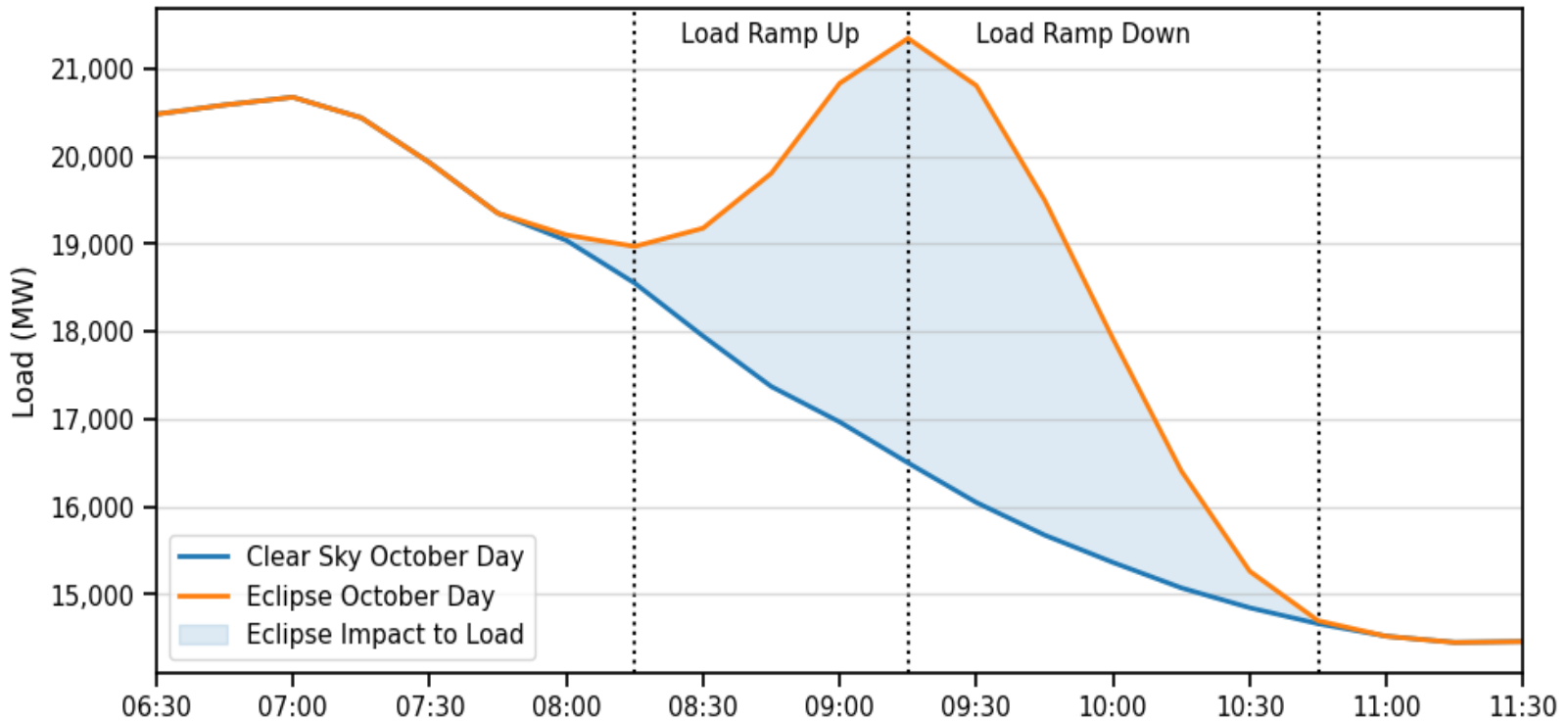
*Since assumption is clear sky results should be viewed as high impact scenario

System-wide load impact (SCE, PG&E and SDG&E)



*Since assumption is clear sky results should be viewed as high impact scenario

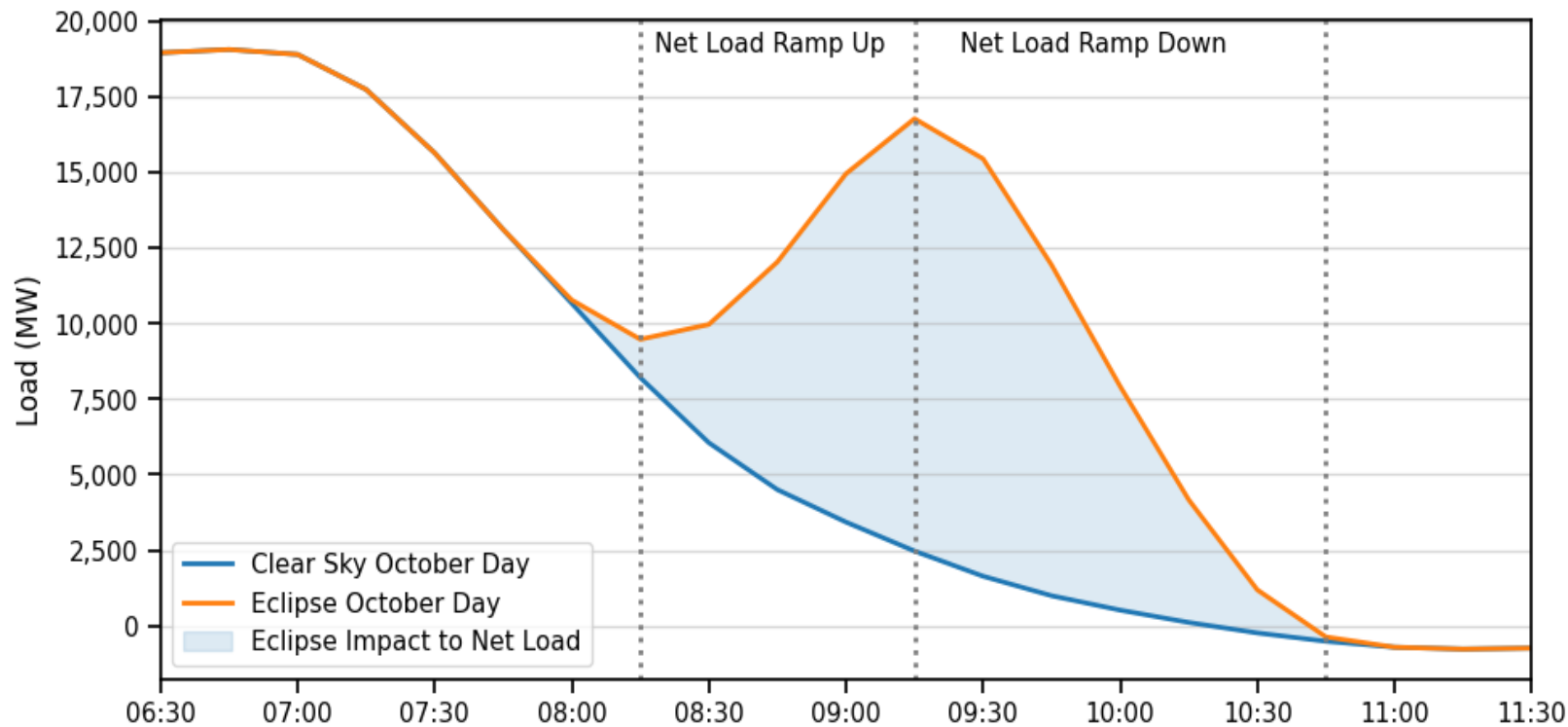
System-wide load impact



	Start	End	Load Start	Load End	Total Ramp (MW)	Average Ramp (MW/min)	Max Ramp (MW/min)	Typical Ramp (MW/min)
Ramp Up	8:15	9:15	18,969	21,343	2,374	40	68	-34
Ramp Down	9:15	10:45	21,343	14,701	-6,643	-74	-105	-20

	Start	End	Load Start	Load End	Total Ramp (%)	Average 15 Min Ramp (%)	Max 15 Min Ramp (%)	Typical 15 Min Ramp (%)
Ramp Up	8:15	9:15	18,969	21,343	12.5%	3.0%	5.1%	-2.5%
Ramp Down	9:15	10:45	21,343	14,701	-31.1%	-6.2%	-8.7%	-1.7%

System-wide net load impact



	Start	End	Load Start	Load End	Total Ramp (MW)	Average Ramp (MW/min)	Max Ramp (MW/min)	Typical Ramp (MW/min)
Ramp Up	8:15	9:15	9,474	16,767	7,294	122	194	-96
Ramp Down	9:15	10:45	16,767	-366	-17,134	-190	-267	-33

	Start	End	Load Start	Load End	Total Ramp (%)	Average 15 Min Ramp (%)	Max 15 Mn Ramp (%)	Typical 15 Min Ramp (%)
Ramp Up	8:15	9:15	9,474	16,767	77.0%	13.9%	22.2%	-11.0%
Ramp Down	9:15	10:45	16,767	-366	-102.2%	-34.8%	-48.8%	-6.0%

CAISO System Operations & Preparation

Pre Day Ahead	Day Ahead Activities	Real Time
Adjacent BA Coordination	Importance of Day-Ahead Solar Forecasting	Tighten AGC Bands
Gas Supply Coordination	Importance of Accurate DA Bids & Schedules	Exceptional Dispatch
IOU Coordination	Reserves & A/S Procurement	Use of WEIM Transfer Capability
Outage Coordination	Resource Optimization	FRP Usage
WECC/RC Coordination	Post DA Conference Bridge	Prohibit Test Energy
Scheduling Coordinator Coordination		OI Solar Resources - Not Exceed DOT
CAISO Crew Training		All Resources - Follow DOT in ADS
Internal Market Simulation		
		Additional CAISO Operators & Support
MNS Messaging	MNS Messaging	ADS, MNS & Everbridge Messaging

Coordination in preparation for the solar eclipse

Entity	Items
RC West	<ul style="list-style-type: none">• Share Operational Plan• Discuss eclipse impact on BES & rooftop resources• Share market simulation results• Peak RC solar eclipse readiness call
Adjacent BA's	<ul style="list-style-type: none">• Review anticipated eclipse impact & Operational Plans
WEIM Participants	<ul style="list-style-type: none">• Discuss consistent policy for ETSR's during eclipse• No planned ETSR locks or significant limitations• Account for eclipse in energy schedule submittals
Gas companies	<ul style="list-style-type: none">• Share gas burn calculations from market simulations• Discuss any planned gas line work
IOU's	<ul style="list-style-type: none">• Anticipate eclipse impact & Operational plan• Send "Peak Day" messaging before and during the eclipse
Market Participants	<ul style="list-style-type: none">• Share anticipated eclipse impact & Operational Plan• Verify resources have adequate fuel• Request bids to keep resources flexible• Request they follow their DOT

For reference

Visit user group webpage for more information:

<https://www.caiso.com/informed/Pages/MeetingsEvents/MiscellaneousStakeholderMeetings/Default.aspx>

Miscellaneous stakeholder meetings > Current Meetings

Blog:

<https://www.caiso.com/about/Pages/Blog/Posts/October-14-eclipse-what-were-doing-to-prepare.aspx>

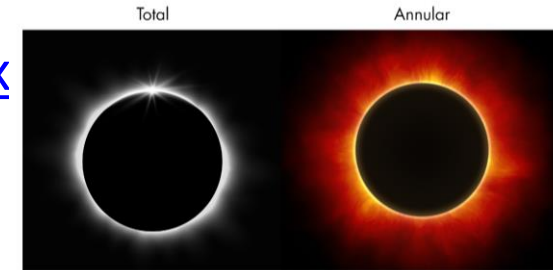
- If you have any questions, please contact Brenda Corona at bcorona@caiso.com or isostakeholderaffairs@caiso.com



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September 28, 2023
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October 14 eclipse: what we're doing to prepare

By Jessica Stewart, Senior Energy Meteorologist and John Rudolph, Lead Forecast Modeler, ISO Short-term Forecasting Unit

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