Updates to Today’s Outlook and ISO Today Mobile App

May 23, 2022

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Customer Readiness

Updated: 5/20/2022
Housekeeping

- Keep yourself muted to minimize background noise
- Unmute to ask verbal questions or write questions in the chat box
- Raise your hand using WebEx interactivity tools
In today’s session we’ll cover:

- **Intro** (5 min)
- **Capacity Status** (15 min)
- **Demand Response** (15 min)
- **Wrap Up** (5 min)
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Redesigned Capacity Status Chart

Current and forecasted demand AS OF 12:00

Capacity status

- **39,907 MW** Available capacity*
- **22,884 MW** Current demand
- **28,666 MW** Forecasted peak
- **50,270 MW** Historical peak (Jul 24, 2006)
- **23,994 MW** Today’s peak (09:04)
- **28,840 MW** Tomorrow’s forecasted peak

*Available capacity varies due to outages, congestion and emergencies. View all outage reports.

Current and forecasted demand AS OF 10:20

- **42,431 MW** Current capacity*
- **27,589 MW** Current demand
- **2,747 MW** Current reserves
- **29,216 MW** Forecasted peak (20:30)
- **27,575 MW** Tomorrow’s forecasted peak

*Capacity varies due to startup, constraints, outages, congestion, and emergencies. Does not include solar and wind or Demand Response resources. View all outage reports.

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Redesigned Bar Chart

Current and forecasted demand AS OF 12:00

Capacity status

39,907 MW
Available capacity*

22,884 MW
Current demand

28,866 MW
Forecasted peak

50,270 MW
Historical peak (Jul 24, 2006)

23,994 MW
Today’s peak (09:04)

28,840 MW
Tomorrow’s forecasted peak

Current Capacity*

Today

Represents all of the capacity that is available on the system (loaded and unloaded)

Example

Current Demand 27,589 MW
Available (next 4 hr) 14,842 MW
Current Capacity 42,431 MW

*Capacity varies due to startup, constraints, outages, congestion and emergencies. Does not include solar and wind or Demand Response resources. View all outage reports.
Redesigned Bar Chart

Current and forecasted demand as of 12:00

Capacity status

39,907 MW
Available capacity

22,884 MW
Current demand

28,666 MW
Forecasted peak

50,270 MW
Historical peak (Jul 24, 2006)

23,994 MW
Today's peak (09:04)

28,840 MW
Tomorrow's forecasted peak

Available next 1 – 4 hours
Total of all resources’ maximum available MW outputs, minus current outputs in the next hour and in the next 4 hours.

Current capacity

42,431 MW

Available next 1 – 4 hours
12,383 MW – 14,842 MW

*Capacity varies due to startups, constraints, outages, congestion, and emergencies. Does not include solar and wind or Demand Response resources.
Redesigned Bar Chart

Current and forecasted demand as of 12:00

Capacity status

<table>
<thead>
<tr>
<th>Capacity Status</th>
<th>MW</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Available capacity*</td>
<td>39,907</td>
<td></td>
</tr>
<tr>
<td>Current demand</td>
<td>22,884</td>
<td></td>
</tr>
<tr>
<td>Forecasted peak</td>
<td>28,866</td>
<td></td>
</tr>
</tbody>
</table>

*Available capacity varies due to outages, congestion and emergencies. View all outage reports.

Today

- Historical peak (Jul 24, 2006) 50,270 MW
- Today’s peak (09:04) 23,994 MW
- Tomorrow’s forecasted peak 28,840 MW

Includes reserves

The current capacity in the next hour includes reserves comprised of spin, non-spin and available regulation up.

New

- Current capacity* 42,431 MW
- Available next 1-4 hours 27,589 MW
- Includes reserves 2,747 MW

*Capacity varies due to startup, constraints, outages, congestion, and emergencies. Does not include solar and wind or Demand Response resources. View all outage reports.
Updated Information Icons

New callouts:
- Current capacity
- Current reserves
Questions
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- **Wrap Up** (5 min)
Redesigned Demand Trend

**Today**

System demand, in megawatts, compared to the forecasted demand in 5-minute increments.

**New**

The forecasted demand in 5-minute increments.
Demand Response Load Reduction

The demand line will display red when demand response load reduction reaches a significant amount (TBD).
Questions
In today’s session we’ll cover:

- **Intro** (5 min)
- **Capacity Status** (15 min)
- **Demand Response** (15 min)
- **Wrap Up** (5 min)
Summary

Current and forecasted demand as of 18:20

Current capacity: 42,431 MW
- Current demand: 27,590 MW
- Available next 1 - 4 hours: 12,303 MW - 14,642 MW
- Includes reserve: 2,747 MW

Forecasted peak: 29,216 MW (20:30)
Tomorrow's forecasted peak: 27,575 MW

Current demand: 27,589 MW
Current reserves: 2,747 MW

Demand trend displays significant demand response events

Current and forecasted demand better reflects available capacity status
Questions
Thank you for your participation!

For more detailed information on anything presented, please visit our website at:

www.caiso.com

Or send an email to:
CustomerReadiness@caiso.com