



For Operating Day:

Thursday, August 15, 2019

The Renewables Watch provides important information about actual renewable production within the ISO grid as California moves toward a 33 percent renewable generation portfolio. The information provided is as accurate as can be delivered in a daily format. It is unverified raw data and is not intended to be used as the basis for operational or financial decisions.

Renewables Production

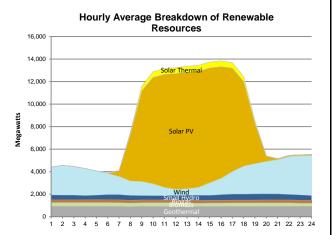
24-Hour Renewables Production

Renewable Resources	Peak Production Time	Peak Production (MW)	Daily Production (MWh)
Solar Thermal	13:19	543	5,391
Solar	12:19	10,305	103,474
Wind	23:14	3,602	47,816
Small Hydro	18:58	570	11,536
Biogas	22:08	239	5,459
Biomass	10:51	342	7,771
Geothermal	3:42	953	22,608
Total Renewables	•		204,055

Total 24-Hour System Demand (MWh):

805,229

This table gives numeric values related to the production from the various types of renewable resources for the reporting day. All values are hourly average unless otherwise stated. Peak Production is an average over one minute. The total renewable production in megawatt-hours is compared to the total energy demand for the ISO system for the day.

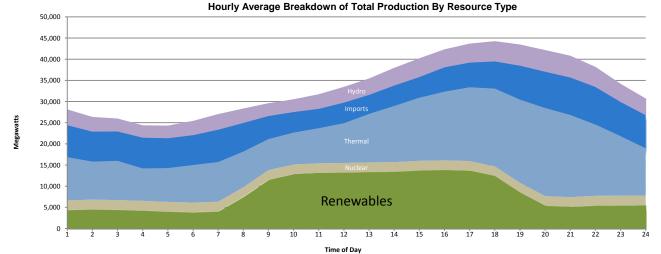


Time of Day
This graph shows the production of various types of renewable generation across the day.

17:50

System Peak Demand (MW)

Time:



This graph depicts the production of various generating resources across the day.

Previous Renewables Watch reports and data are available at http://www.caiso.com/green/renewableswatch.html

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The first graph provided on this page shows how much energy renewable resources are contributing to the grid, and when those resources are producing their daily maximum and how that production correlates to the maximum energy demand.

