



**For Operating Day:** #####

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

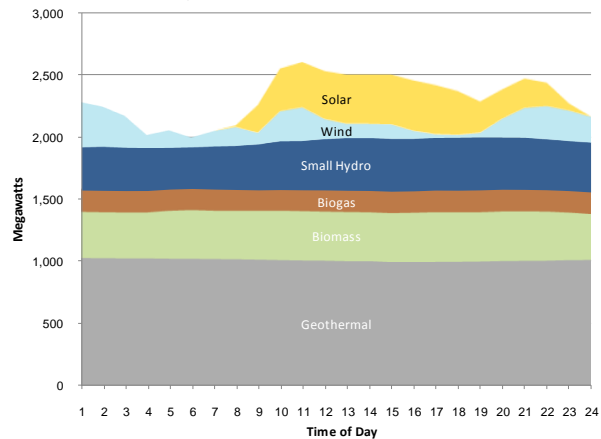
Renewable Resources	Peak Production (MW)	Daily Production (MWh)
Solar	401	4,570
Wind	393	3,804
Small Hydro	432	9,455
Biogas	170	3,971
Biomass	404	9,357
Geothermal	1,033	23,338
Other Renewables *	72	1,701
<b>Total Renewables</b>		<b>56,195</b>

Total 24-Hour System Demand (MWh): 738,074

This table gives numeric values related to the production from the various types of renewable resources for the reporting day. The total renewable production in megawatt-hours is compared to the total energy demand for the ISO system for the day.

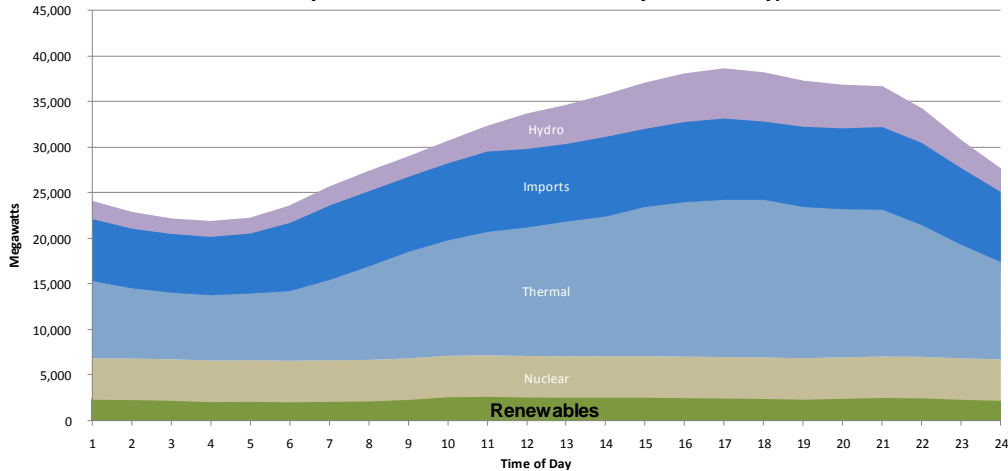
\* Other Renewables is comprised of multiple technology within one aggregated Resource ID

#### Hourly Breakdown of Renewable Resources



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

#### Hourly Breakdown of Total Production By Resource Type



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

Past Renewables Watch reports are available : <http://www.caiso.com/green/renewableswatch.html>

The information contained in this report is preliminary and subject to change without notice. No inference, decision or conclusion should be made based on the information in this report or any series of these reports. Questions about this report should be directed to the Integration of Renewable Resources Program (IRRP) at IRRP@caiso.com.