

News Release

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Media Hotline | 888.516.6397

For more information, contact:

Steven Greenlee | sgreenlee@caiso.com

Anne Gonzales | agonzales@caiso.com

California ISO finds summer 2017 power supplies adequate

Gas storage limitations in Southern California remain a concern under extreme weather conditions

FOLSOM, Calif. – The California Independent System Operator (ISO) today released an analysis that finds it has adequate resources available to handle summer 2017 power use but limitations on gas supply in southern California remains a concern.

The 2017 Summer Loads and Resources Assessment examines the effect on grid reliability under 2,000 different weather and load conditions. Under a “normal” year, ISO operating reserve margin is 19.5 percent, which is greater than the 15 percent planning reserve margin required by the California Public Utilities Commission under its resource adequacy program that utilities must follow. However, the ISO analysis does not account for gas curtailment risks associated with the gas use limitations imposed on the Aliso Canyon natural gas storage facility owned by Southern California Gas Company. The state’s energy agencies will release a joint report on grid reliability related to the Aliso facility limitations in late May. The risks associated with the restrictions are greater in the local areas in Southern California than to the ISO system.

The analysis, developed in coordination with the state’s energy agencies, shows the following:

- The summer peak is projected to be about 46,877 megawatts, which reflects a modest 0.6 percent demand growth from 2016 and accounts for expected new rooftop solar installations. The peak demand forecast for weather conditions that occur once every 10 years is 48,845 megawatts.
- About 52,785 megawatts of net qualifying capacity* will be available this summer.
- About 3,090 megawatts of new resources have been added since last summer (June 2016 to June 2017), including about 2,302 megawatts of solar, 699 megawatts of natural gas** and 80 MW of battery energy storage.

The robust 2016-2017 snow and rainy season in California is translating into a near record year for hydro conditions with statewide average water content measuring, as of April 28, 2017, at 158 percent of the April 1 average. It is expected that this summer will have above average hydroelectricity available for use.

To read the full report, click [here](#).

* Net qualifying capacity is the amount of capacity that can be delivered even on constrained transmission.

** About 3,149 megawatts of primarily natural gas resources retired during the same period

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Thanks for re-posting!



The California ISO provides open and non-discriminatory access to one of the largest power grids in the world. The vast network of high-voltage transmission power lines is supported by a competitive energy market and comprehensive grid planning. Partnering with about a hundred clients, the nonprofit public benefit corporation is dedicated to the continual development and reliable operation of a modern grid that operates for the benefit of consumers. Recognizing the importance of the global climate challenge, the ISO is at the forefront of integrating renewable power and advanced technologies that will help meet a sustainable energy future efficiently and cleanly.