

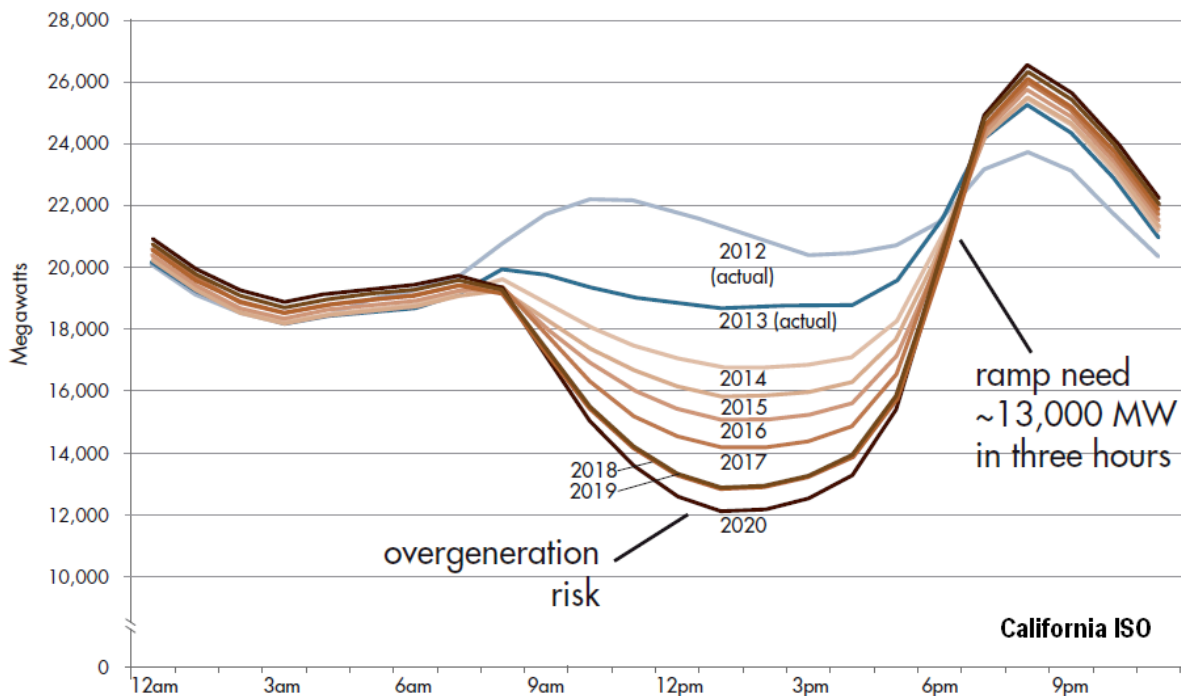


News Release

**CyboEnergy Shows Time-Based Grid Power Injection
with Groundbreaking On/Off-Grid CyboInverters at Intersolar**

July 14, 2015 – CyboEnergy, Inc. (Rancho Cordova, CA), the developer of the world's first solar power Mini-Inverter that possesses the key merits of both central inverters and microinverters, announced today that the company is showing a grid-flexible renewable power generation system at Intersolar (Booth 8721) on July 14-16, 2015 in San Francisco, California. The system includes two daisy-chained On/Off-Grid CyboInverters that can operate in either on-grid or off-grid mode. CyboEnergy is also showing a time-based grid power injection capability of the system, where energy stored in batteries can be sent to the grid during peak power hours to help grid stability.

The rapid growth of solar energy deployment causes major challenges to grid stability known in the industry as “The Duck Curve”. As shown below in the graph by California Independent System Operator (ISO), on an average day, the grid can run into the risk of over-generation from 11am to 5pm, and then the need to ramp generation quickly from 5pm to 8pm as solar drops off.





These curves produce a “belly” appearance and then ramp up to an “arch” similar to the neck of a sitting duck, hence the industry moniker “The Duck Curve”. According to the study by ISO, if California meets the 33% renewable energy goal for grid power by 2020, power plants must be able to ramp up 13,000MW of generation within 3 hours in late afternoon to meet the demand. This will be a huge challenge to the current infrastructure.

CyboEnergy CEO, Dr. George Cheng said, “The grid load supply and demand challenges can be mitigated by utilizing energy storage to level the ‘belly’ and ‘arch’. At Intersolar, we are showing a simple solution to allow grid-tie inverters to pull power from batteries and send AC to the grid during peak hours.”

The unique multiple input channel design of the CyboInverter product family offers seamless integration of renewable energy sources including: solar, wind, fuel-cell, hydro, and batteries. CyboEnergy’s technologies will be useful in integrating battery storage in residential, commercial, and microgrid applications, implementing on-demand grid power injection, demand-response pricing, and power arbitrage. CyboEnergy is working with industry leaders and utility companies to implement demand-based power injection functions where a large number of on-grid and on/off-grid CyboInverters can send power to the grid based on commands from the grid dispatch center.

CyboEnergy is running live demos for both on-grid and on/off-grid systems with grid power injection capabilities. Please visit booth 8721 at Intersolar at Moscone West Convention Center in San Francisco on July 14-16, 2015.

About CyboEnergy and CyboSoft

CyboEnergy is a subsidiary of CyboSoft, focusing on development, manufacturing, marketing, and services of product lines in the renewable energy field. CyboEnergy received the Frost & Sullivan’s 2013 Global Product Differentiation Excellence Award for Solar Inverters. Founded in 1994, CyboSoft is the leader in control technology serving the worldwide process control, building control, and equipment control markets.

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