



# Caiso battery charging with solar generator

Why does CAISO not include battery charging?

One quirk of CAISO's load reporting is that they do not include battery charging, which distorts the picture of total demand on the grid. To ameliorate this, we have added it back in the figure below, which dramatically alters the shape of the load curve for 2024.

Is solar charging the solution to its own grid issue?

While solar was charging the solution to its own grid issue it was also setting new records. 2024 has seen a shift from the stagnant solar generation of the past several years.

Will battery charging affect resource adequacy?

According to the EIA, April 2023 saw total hydroelectric production in the Northwest and Rockies hit 6 TWh, about half of the 10-year average. The timing of battery charging has major implications for resource adequacy (RA), particularly under the new Slice of Day (SoD) framework adopted by the CPUC.



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Contact us for free full report

Web: <https://www.solarcomplete.co.za/contact-us/>

Email: [energystorage2000@gmail.com](mailto:energystorage2000@gmail.com)

WhatsApp: 8613816583346

