



Caiso battery charging with solar

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.

How does a Casio solar charging system work?

This original Casio solar-charging system employs solar panels that convert light even from fluorescent lamps and other sources, combined with an internal rechargeable battery. It generates ample power for smooth operation of power-hungry functions, from measurements to radio wave reception, Bluetooth connectivity, lights, and alarms.

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.

Is solar charging a problem in April 2019?

In April 2019, the load curve reveals minimal divergence between scenarios with and without charging. Charging largely mirrored solar availability, ramping gradually with sunrise and peaking in the afternoon, indicating limited grid management behavior and a stronger correlation with solar output than with system needs.

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.

Get a CoolFire solar watch charger on Amazon, you get a full charge in a few hours depending on battery level and it doesn't get hot nor does the watch and never worry about putting it in the sun. That's what I use to keep all my solar ...



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