



Hawaiian
Electric

Battery Bonus



Cash Incentive to Add Energy Storage to an Existing or New Rooftop Solar System



What: Hawaiian Electric will pay a cash incentive and provide bill credits for customers on O'ahu and Maui to add energy storage (a battery) to an existing or new rooftop solar system. These perks will help move Hawai'i toward its goal of 100% clean energy by 2045 and add more renewable resources to the grid as Hawaiian Electric retires generators fired by fossil fuels.

Incentives: The Public Utilities Commission has capped the program at a total 40 megawatts (MW) supplied from storage on O'ahu and 15 MW supplied from storage on Maui. All Customers will receive \$850 per kilowatt (kW). (For example, 5 kW would yield a \$4,250 payment.) Customer must fulfill the obligation discussed below to receive the full amount.

Hawaiian Electric worked with the solar industry to add incentives and make other improvements to the program. The following amendments went into effect June 1, 2021.

-  Customers not in the company's Net Energy Metering Program will receive a fixed monthly bill credit for energy exported to the grid for three years. The credit is based on the respective retail rate for electricity exported during the two-hour period. Any unused portion of the credit will be zeroed out at the end of every year. The credit is not cashable.
-  Customers will receive a \$5 per kW monthly peak capacity payment for the 10-year duration of the program. The payment is offered as a bill credit.

Committed capacity is the amount of kW discharged from battery for two hours during the window of 6 p.m. – 8:30 p.m. The committed capacity determines the incentive. For example, a 15 kilowatt-hour (kWh) battery can commit 5 kW or 10 kWh over two hours, therefore, the incentive would be $\$850 \times 5 \text{ kW} = \$4,250$. If weather does not allow for sufficient battery charging there will be no penalty to the customer as long as the battery storage is paired with PV generation with a ratio of at least 1 kW of generation for every 2 kWh of committed capacity.

Customers who wish to participate with an existing solar system and are presently enrolled in a customer energy program (such as Net Energy Metering, Customer Grid Supply, or others) will continue to receive full benefits from these programs. A customer must install a battery of any size and may add new panels as long as the additional PV capacity is not more than twice the battery size. Existing customers are customers that have received Permission to Operate before July 1, 2021 on O'ahu and before June 1, 2022 on Maui.

The owner of the solar-plus-storage system will receive the one time incentive. To receive the incentive faster, the bill account holder should be the owner of the storage system. That can be the residential or commercial customer owning the system or a company that leases the system to the homeowner or business.

This incentive payment is considered income. Hawaiian Electric will provide participants with tax forms and report information to the IRS and Hawai'i Department of Taxation. Hawaiian Electric cannot offer tax advice. Consult a tax preparer with concerns about individual circumstances. In some cases, federal tax credits may be available.



Obligation: The total program term is 10 years. Customers who participate must use and/or export electricity stored in the battery at the committed amount on a firm two-hour schedule specified by Hawaiian Electric between 6 p.m. to 8:30 p.m. (for example, 6:15 p.m. to 8:15 p.m.) daily including weekends and holidays.

Projects must be executed (contracts signed by customer and utility) by May 10, 2024 (residential) or December 31, 2024 (commercial), on O'ahu and December 31, 2024, on Maui.

Once the battery is installed and operational, seven consecutive days of operational performance data will be collected to show how much the battery is discharging during the 2 hour peak period, verifying the incentive amount. Inverter information, permit, and other information is also required to approve the install as part of the validation process.

Participation: Customers must work with a solar contractor to add storage to an existing solar system or install a new solar-plus-storage system. Hawaiian Electric cannot recommend a contractor or equipment. If customers do not have a contractor, Hawaiian Electric recommends comparing bids from at least three contractors.

The contractor will help fill out forms and submit them through Hawaiian Electric's on-line [Customer Interconnection Tool](#). Securing a building permit with the City & County Department of Planning and Permitting or proof of permit application is required as part of the application and will determine the incentive amount.

Application Checklist:

- ♦ Enrollment in approved Hawaiian Electric renewable energy rate program on O'ahu and Maui:
NEM/+, CGS/+, SE, CSS, SIA, FIT
 - ❖ Must install new battery
 - ❖ Must use battery two hours each day between 6 p.m. - 8:30 p.m. We provide exact start time.
- ♦ Proof of permit application with City & County Dept. of Planning & Permitting
- ♦ Submission of a Battery Bonus amendment in the [Customer Interconnection Tool](#)
- ♦ Seven days of operational data, as required
 - ❖ See [Handbook](#) for instructions on delivery of Verification data, and use this [excel file](#) to submit data.
- ♦ Signed [W9](#) (Owner Operator of battery, see amendment page 1. Must be one person on W9) mailed to: Hawaiian Electric, P. O. Box 2750, Honolulu, HI 96840, Attn: AL18-SG

When: On O'ahu applications will be accepted until October 31, 2023, or until the 40MW cap is reached. On Maui applications will be accepted through June 30, 2024 or until the 15 MW cap is reached. If the storage system's contracted capacity or export amount changes, it must be corrected within 30 days from notification or a \$100 per month charge will appear on the customer's bill.

Termination: Customers may end participation before the 10-year commitment with a 60-day written notice to Hawaiian Electric and must repay a prorated portion of the incentive.

Updated information: hawaiianelectric.com/batterybonus

Questions: connect@hawaiianelectric.com