



Battery Bonus (BB)

Stakeholder Information

Wednesday, July 28, 2021



Overview

Hawaiian Electric is paying cash incentive for residential & commercial customers on O'ahu only to add storage to an existing or new rooftop solar system

One-time incentive will move Hawai'i toward 100% clean energy by 2045 & add more renewable resources to grid for when AES coal-fired plant is retired in

◆ September 2022





For Contractors

Solar contractors are asked to work with customers to add storage to existing or new system, including helping apply for a C&C building permit, fill out & submit forms

BB projects are eligible for Quick Connect (QCT), the recommended path forward; QCT terms available under Private Solar at hawaiianelectric.com





More...

For project capable of exporting $> 5\text{kW}$ at night, or if choosing not to use Quick Connect, begin application by sending Scheduled Dispatch Program (SDP) Amendment to Existing Agreement to connect@HawaiianElectric.com

C&C building permit or proof of application required to start.
At validation, all BB projects (using QCT or not) require Volt-Watt inverter functionality enabled for project life





Incentive

- ◆ For first 15MW: \$850 per kW
(Example: 5 kW committed capacity = \$4,250 payment)
- ◆ Next 15MW: \$750 per kW
- ◆ Next 20MW: \$500 per kW

Program capped by PUC at total 50MW storage

- Solar-plus-storage system owner gets incentive (vendors that leases system would receive incentives)





Incentive Lock-In

- ◆ Incentive lock-in will be based on the date the customer files a completed amendment form and issued a building permit or verified building permit submission for the project from the City and County of Honolulu
- ◆ The date for the purpose of incentive lock-in will be valid for a specific amount of time (proposal from DER parties 8/1)





Obligations

Participant must use and/or export electricity from battery at committed amount on firm two-hour schedule set by Hawaiian Electric between 6:00 and 8:30 p.m. daily including weekends and holidays through Dec. 31, 2023

Program term is 10 years; after Dec. 2023 new option will be available





Obligations

Once battery is installed and operational, the customer has 30 days to confirm operation by submitting data to Hawaiian Electric. Hawaiian Electric must pay incentive within 30 days after data is delivered

Seven consecutive days' performance data will be used to show how much is exported during peak, verifying incentive amount





Small Print

Applications accepted through June 23, 2023, or until 50MW cap is reached. Level of uptake will be posted on Hawaiian Electric's website. Also, time of commitment, changes every 2MW of uptake.

If the storage contracted capacity or export amount changes, must be corrected within 30 days of notification or \$100 per month charge will appear on the customer's bill.





Eligibility

1. Customers with agreements executed before July 1, 2021 are not eligible to convert to Battery Bonus
 - Customers may participate in Battery Bonus with additional batteries via Quick Connect or submitting an SDP amendment form
2. Customers who do not have executed DER agreement before July 1, 2021 may convert their storage component of their application to Battery Bonus by submitting SDP amendment form as part of their validation. (If storage component meets SDP requirements.)
3. Customers may not switch out of current DER program to Battery Bonus if executed before July 1, 2021





Termination

Customer may end participation at any time with 60-day notice to Hawaiian Electric and repayment of prorated portion of incentive. Repayment can be lump sum or by arrangement through monthly bill.





Application Checklist:

- ✓ Enrolled in approved Hawaiian Electric renewable energy program on O‘ahu: NEM/+, CGS/+, SE, CSS
 - Must install new battery
 - Must use battery 2 hours daily between 6 p.m. and 8:30 p.m. Hawaiian Electric will provide exact start time
- ✓ Proof of C&C Planning & Permitting Dept. permit application
- ✓ Signed Emergency Demand Response Amendment
- ✓ Signed Scheduled Dispatch Program (SDP) Agreement
- ✓ Seven days operational data (sent after validation of installation)
- ✓ W9 (required before issuing check) mailed to Hawaiian Electric at P. O. Box 2750, Honolulu, HI 96840, Attn: AT10-SG



Customer Information

- ◆ News release issued July 19; communication material sent to PUC
- ◆ On social media platforms
- ◆ hawaiianelectric.com/batterybonus
- ◆ Flyer for customers (PDF on website)
- ◆ Newspaper articles, radio, TV appearances





More information

At hawaiianelectric.com/batterybonus

- Customer explainer in PDF form
- Q&A (on-going)

Questions: connect@hawaiianelectric.com



**Hawaiian
Electric**

Mahalo for your time!

Questions?

connect@hawaiianelectric.com