



Simplified CER Program Structure Coming this Fall



Hawai'i's goal of reducing carbon emissions and eliminating its dependence on fossil fuels can only be achieved with significant contributions from utility customers and a healthy market for customer energy resources (CERs). Hawaiian Electric understands this and strives to keep its customers and their contractors apprised of our latest efforts to update and refine the company's CER programs. Here are some questions and answers that address upcoming CER developments:

What is happening and why?

The Public Utilities Commission recently approved a new structure for Customer Energy Resource programs that will be launching this August, pending any regulatory updates. Final details around credit rates and incentives are still being determined, but the overall makeover is meant to streamline program choices for customers interested in installing rooftop solar (and other similar technologies) to offset their energy bill while helping the state reach its renewable energy goals.

The current rooftop solar programs were always designed as "interim" programs to interconnect as many systems as possible to the grid with the available technology. As part of modernizing the grid, Hawaiian Electric can now enable a simpler design of a single interconnection tariff called Smart DER (Distributed Energy Resources), with two riders, Export and Non-Export.

What does this mean for new customers?

The Smart DER Export Rider essentially replaces Customer Grid Supply+ (CGS+) and Smart Export, and the Smart DER Non-Export Rider replaces Customer Self-Supply (CSS) and Standard Interconnection Agreement (SIA).

Both riders will not have system size caps, and the non-export rider will allow all technology types. Customers for both riders will receive an advanced meter if they do not already have one installed and be enrolled in Hawaiian Electric's new time-of-use rates, which will be available this July.

What does this mean for existing customers?

Existing CGS, CGS+, and Smart Export customers will be automatically transitioned to the Smart DER Export Rider 7 years after their contract execution. It is anticipated that the transition will be “seamless” for customers. Existing CSS and SIA customers will have the option to transition to the Smart DER Non-Export Rider. Net energy metering (NEM/NEM+) customers will not be required to change programs.

What about Battery Bonus?

Since the Battery Bonus program will be closing soon for new enrollments, a new grid services incentive program called Bring Your Own Device (or BYOD) will also be launching in August. This will be a new rider program available for existing or new rooftop solar customers to discharge a committed capacity of their battery during specified times for a 10-year period.



We will provide more details as they are finalized but, in the meantime, contact us at connect@hawaiianelectric.com.

Green Button Connect My Data platform



As Hawaiian Electric continues its rollout of advanced meters the company is encouraging third parties to work with customers to utilize the Green Button Connect My Data (CMD) tool to help them better manage their energy usage. Green Button CMD utilizes an open-data standard for enabling easy access to, and sharing of, customer energy data. Green Button CMD is available as part of the Hawaiian Electric customer Energy Portal launched in April 2021.

Through Green Button CMD customers can authorize vendors to access their consumption and billing data. Vendors can then provide customers with new data-driven services, programs and platforms, digitally empowering them to better manage their energy use and potentially reduce their energy bills. Through Green Button CMD vendors can offer customers services like programming home energy management devices, sizing and financing rooftop solar systems, and verifying home energy savings investments.

For more information about Green Button CMD visit [Installer Information for Incentive Programs](#)

Update on Qualified Inverter List

Hawaiian Electric changed its list of qualified inverters on Feb. 1, 2023. This only affects new applications submitted through our online Customer Interconnection Tool and any revisions or corrections to existing applications where a change in inverters is required. All other existing applications and executed agreements will be unaffected by this change.

WHAT:

All new applications for any Customer Energy Resource program will need to have equipment certified to the latest version of IEEE 1547-2018, IEEE Standard for Interconnection and Interoperability of Distributed Energy Resources with Associated Electric Power Systems Interfaces.

WHY:

The last version of IEEE 1547 was published in 2003. During the past 17 years, our needs in Hawai'i have exceeded what IEEE 1547 has provided for the interactivity of customer energy resources with the grid. We have made iterative changes in inverter requirements that have enabled us to continue interconnecting customer resources, but the IEEE standard remained largely unchanged until 2018. This latest version of IEEE 1547-2018 recognizes the advancements made in inverter technology and will

allow the continued interconnection of new systems certified to this standard and help prepare systems for the future of solar in Hawai'i.

HOW:

We have spent the past eight months working intensively with inverter manufacturers, statewide customer energy resource stakeholders, and the Interstate Renewable Energy Council to harmonize our requirements with the latest IEEE standard and reduce the risk of any inverter market disruption. With the change we have updated our Qualified Equipment List online and the list seen in the Customer Interconnection Tool in a seamless transition.

In the meantime, stay tuned for more updates from inverter manufacturers and Hawaiian Electric as we see new products released that are certified to the latest IEEE standard for inverters. Inverters that have already been certified to the new standard are regularly updated on the Qualified Equipment List. Please check the list for the currently available inverters for applications using the new standard.

If you have any questions, please contact us at (808) 543-4760 or connect@hawaiianelectric.com.

New Policy for change of ownership for properties with PV systems



Hawaiian Electric no longer requires buyers of properties with a rooftop solar system to file a change of ownership agreement with the company. Under revisions to Rule 14H approved by the Public Utilities Commission (PUC) the new owner of a rooftop solar system shall automatically assume the prior customer-generator's benefits and responsibilities of the system under the existing interconnection agreement.

In approving the rule change, the PUC acknowledged that eliminating the change of ownership requirement will streamline the transition process when a property with a rooftop solar system is sold. The PUC noted that buyers will still be made aware of the existence of a rooftop solar system on the property because sellers must provide that information in a standard disclosure form required by the Hawaii Association of Realtors.