



## Increased Hosting Capacity Available Across All Territories

As a result of new analytical tools and processes developed as part of Integrated Grid Planning and application of Advanced Inverter functions, Hawaiian Electric now has more solar hosting capacity available across all territories.

Oahu saw the greatest increase of nearly 25%, bringing the island's unrestricted circuits to 65%<sup>1</sup>. Maui County realized a 20% increase with 60% of all circuits now classified as unrestricted. A 5% increase for Hawai'i Island means more than 62% of all circuits are now classified as unrestricted.

More customers are now on unrestricted circuits and can use Quick Connect to energize their systems first and submit applications afterward. This saves contractors time by avoiding additional revisions and/or resubmittals. To see if a customer is on an unrestricted circuit, visit the [Locational Value Map](#) page or review Quick Connect on the [Especially for Contractors](#) page to expedite interconnections.

## Volt-Watt Activation and Early Energization for All Projects

As of Jan. 1, 2022, all projects submitted for validation, regardless of initial project submittal date, are required to enable the Advanced Inverter Volt-Watt function. Validation submittals must include documentation that indicates the project has this function enabled. Hawaiian Electric will work with PV installers through January to ensure that validation requirements are met. However, beginning Feb. 1, 2022, projects will fail validation and be rejected if activation of Volt-Watt is not indicated. Please contact your inverter manufacturer for more information on correct settings and firmware requirements to activate Volt-Watt.

Since May 2020, many PV installers have already activated Volt-Watt for their customers, allowing them to energize their systems immediately after the electrical inspection for the building permit has closed, the net meter replacement is complete, and Conditional Approval is granted. Now that all projects are required to enable Volt-Watt, all projects for which validation submittals are received in 2022 or later may be energized prior to PTO if these three conditions are met.

<sup>1</sup> Locational Value Map calculations are updated daily as projects are installed; the percentages listed were taken as a snapshot and reflect the approximate change in capacity.

Happy New Year!



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# Customer Grid Supply Plus Capacity Limit Reached for O‘ahu



On Jan. 6, 2022, the Public Utilities Commission increased the Customer Grid Supply Plus (CGS Plus) and Smart Export program capacity limits as shown below:

Territory	Program	Current Program Capacity (MW)	Increase (MW)	New Program Capacity (MW)
Hawai‘i Island	CGS Plus	7 MW	5 MW	12 MW
	Smart Export	5 MW	5 MW	10 MW
Maui County	CGS Plus	12 MW	5 MW	17 MW
	Smart Export	10 MW	10 MW	20 MW
O‘ahu	CGS Plus	50 MW	20 MW	70 MW
	Smart Export	25 MW	10 MW	35 MW

Customers whose applications were placed in a holding queue at the end of 2021 will now be processed in the order they were received.

Hawaiian Electric will continue to actively address CGS Plus projects that have exceeded their deadline. In order for more customers to apply, we ask that all PV installers also actively withdraw projects from CIT that they know will not be completed.

The withdrawal form can be found on our website:

[https://www.hawaiianelectric.com/documents/products\\_and\\_services/customer\\_renewable\\_programs/DER\\_application\\_withdrawal\\_form.pdf](https://www.hawaiianelectric.com/documents/products_and_services/customer_renewable_programs/DER_application_withdrawal_form.pdf)

## CGS Plus Production Meter Replacement

In January, Hawaiian Electric started replacing existing CGS Plus production socket jumper covers and/or meters that PV installers previously installed. PV installers may be able to collect their jumper covers and/or meters at their convenience. We are looking into a process to notify PV installers that their equipment is ready to be collected.



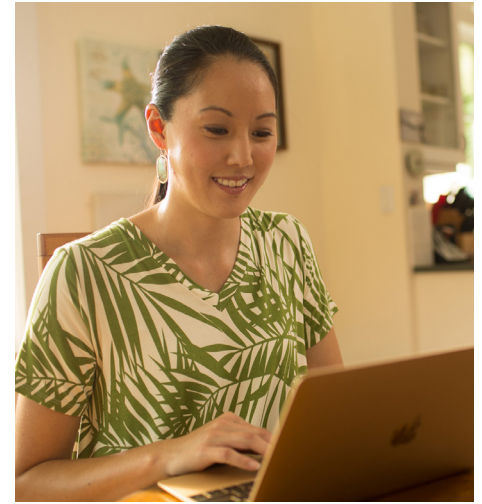
## Streamlining Validation Photo Requirements

Based on discussions with the Hawaii Solar Energy Association, Hawaiian Electric will simplify the validation photo requirements for closing out projects. Hawaiian Electric will start requiring the items from the list below as of Feb. 1, 2022, however, we recommend transitioning to these new requirements as soon as possible.

Validation Photo Requirements Jan 2022	
<b>Utility Meter - Wide area photo</b>	Wide shot to show proximity of Customer-Generator disconnect to utility meter. Safety Signage should be visible.
<b>Customer-Generator AC Disconnect - Placard photo</b>	A placard with the exact phrase, "Customer-Generator System Disconnect" on the exterior of the PV system's primary manual AC disconnect device with a visible break. If a map placard is required, a photo of that placard should be submitted.
<b>Customer-Generator AC Disconnect - Nameplate label photo</b>	Disconnect switch name plate and model.
<b>PV Inverter - Nameplate label photo</b>	Nameplate label of PV inverter(s). Central inverter to show nameplate label (including model number). Micro-inverters to show a single nameplate sample per model.
<b>PV Inverter - Wide area photo*</b>	Layout and location in relation to the utility meter. Only required if not in the Utility Meter - Wide area photo.
<b>Energy storage inverter nameplate photo*</b>	Nameplate label of AC-coupled energy storage inverter if different than PV inverter.
<b>Production meter socket photo*</b>	Include line/load side voltage readings of production meter socket. Wide area photo of the second meter socket required if not shown in the utility meter wide area photo. Installed production meter must meet production meter design guidelines.
<b>Amendment photo requirements*</b>	Amendments for equipment replacement(s) will require proof of equipment removal with 1) Invoice listing equipment removal as a line item or 2) Before and after photos of equipment removal for visible changes such as central inverters.

\*If applicable

## Coming Soon! Customer Interconnection Tool (CIT) Enhancements!



We are excited to see CIT enhancements made available to customers and PV installers within the next few months. These expedite and standardize Battery Bonus submissions with the overall interconnection process, removing barriers and increasing program adoption by simplifying administrative requirements. PV installers will no need to fill out PDF forms to apply for Battery Bonus and can streamline the process through CIT.

In addition, amendments to executed projects, including adding, removing or replacing equipment will all be done through the CIT portal for all programs. Other features will include updating homeowner and/or system owner information. PV installers and customers can expect to benefit from the simplified, one-stop process and ditch the paper and PDF forms. Look for more news soon!

## Inverter Upgrade Reminder

The previous expiration date for SRD v1.1 was July 1, 2021. We are currently accepting SRD V1.1 and 2.0. Because UL 1741 SB 3rd edition was published in September, the expiration date deadline for SRD v1.1 certification was Dec. 31, 2021. We are encouraging inverter manufacturers to get SRDV2.0 certification as soon as possible. We will not allow installations of SRD v1.1 certified inverters after June 30, 2022. We currently have 13 SRD V2.0 inverters on our [list](#).

We look forward to working with you in 2022! Please contact us at [connect@hawaiianelectric.com](mailto:connect@hawaiianelectric.com) or 808-543-4760 if you have questions.

Aloha,  
Customer Energy Resources Team