



Entering Tesla Energy Storage Device Information Into CIT



We thought this would be a good time to clear up some confusion regarding the correct way to enter information into CIT for Tesla's energy storage devices. Tesla's ongoing product innovation can present some challenges when it comes to categorizing their products. In order to pass Hawaiian Electric's completeness review, device information must be entered into the correct fields in CIT.

Tesla's latest product offering, the Powerwall+, has an integrated inverter governing both solar and battery. Therefore, for Powerwall+ systems, the Energy Storage coupling should be selected as DC Coupled. Here is an example:

The Powerwall+ inverter model number 1850000-xx-y

What technology are you installing? * Solar

Are you using Energy Storage? *

Type of Operation *

Is the ESS AC coupled or DC coupled? * AC Coupled DC Coupled

should be selected for the inverter field:

Inverter # 1

Inverter Manufacturer *

Inverter Model *

Inverter Type *

Quantity *

A/C Output Rating (kW) *

Total Inverter Rating (kW) *

With PV modules listed as normal:

Add PV Panel Remove PV Panel

Not On List *

Panel Manufacturer *

Panel Model *

Panel Quantity *

STC Rating *

Total Panel Rating (kW) *

The Powerwall+ uses a Powerwall 2 as its integrated energy storage. Although many contractors may be accustomed to listing the Powerwall 2 as an AC-coupled battery with its own inverter, for the Powerwall+, the Powerwall 2 model information should be used for the energy storage connected to the Powerwall+.

Add Energy Storage Remove Energy Storage

Energy Storage Manufacturer *

Energy Storage Model *

Quantity of Units *

Max Capacity per Unit (kWh) *

Total Max Capacity (kWh) *

Rated Discharge per Unit (kW) *

Total Rated Discharge (kW) *

Rated Charge per Unit (kW) *

Total Rated Charge per Unit (kW) *

Size Per Unit (kW) *

Total Size of Energy Storage (kW) *

Description of Storage System Operations *

Here is a complete example of what a Powerwall+ should look like in CIT:



Inverter # 1

Inverter Manufacturer *

Inverter Model *

Inverter Type *

Quantity *

A/C Output Rating (kW) *

Total Inverter Rating (kW) *

Add PV Panel Remove PV Panel

Not On List *

Panel Manufacturer *

Panel Model *

Panel Quantity *

STC Rating *

Total Panel Rating (kW) *

Total Panel Quantity *

Total Panel Size (kW) *

Add Energy Storage Remove Energy Storage

Energy Storage Manufacturer *

Energy Storage Model *

Quantity of Units *

Max Capacity per Unit (kWh) *

Total Max Capacity (kWh) *

Rated Discharge per Unit (kW) *

Total Rated Discharge (kW) *

Rated Charge per Unit (kW) *

Total Rated Charge per Unit (kW) *

Size Per Unit (kW) *

Total Size of Energy Storage (kW) *

Description of Storage System Operations *

If a Powerwall+ is being installed with additional normal Powerwall 2s, then they should be listed as normal, AC-coupled with 1 Powerwall 2 inverter, no modules, and a Powerwall 2 battery:

Inverter # 2

Inverter Manufacturer *

Inverter Model *

Inverter Type *

Quantity *

A/C Output Rating (kW) *

Total Inverter Rating (kW) *

Add PV Panel

Total Panel Quantity *

Total Panel Size (kW) *

Add Energy Storage Remove Energy Storage

Energy Storage Manufacturer *

Energy Storage Model *

Quantity of Units *

Max Capacity per Unit (kWh) *

Total Max Capacity (kWh) *

Rated Discharge per Unit (kW) *

Total Rated Discharge (kW) *

Rated Charge per Unit (kW) *

Total Rated Charge per Unit (kW) *

Size Per Unit (kW) *

Total Size of Energy Storage (kW) *

Description of Storage System Operations *

Faster Interconnection Times Mean Quick Connect is No Longer Needed



After significantly improving interconnection times for customers with solar systems, Hawaiian Electric is announcing that it will discontinue its Quick Connect program effective October 14, 2022. Quick Connect was launched by Hawaiian Electric in January 2021 as a pilot during the COVID-19 pandemic in an effort to accelerate the process for energizing PV systems.

Quick Connect served its purpose, giving customers relief to get systems energized quickly while Hawaiian Electric worked on a permanent solution. Customers can still interconnect quickly using Hawaiian Electric's early energization option. The procedure allows customers to energize their systems after receiving conditional approval, closing their building permit, and activating volt-watt settings on inverters.

With the new early energization process in place few contractors are utilizing Quick Connect. Closing the program will allow Hawaiian Electric to optimize resources devoted to Quick Connect to processing regular interconnection applications.

If you have any questions, please contact us at connect@hawaiianelectric.com.

W9 Forms For Battery Bonus Applications can be Submitted Using eSign

Hawaiian Electric has added an electronic signature option to make it easier for customers to submit W9 forms with their Battery Bonus applications.

For customers choosing the e-sign option, Hawaiian Electric will send them an email with a link that will walk them through the e-sign process. Hawaiian Electric is utilizing the DocuSign platform for the e-sign option. Completed W9 forms include name, address, individual checked, social security number, signed, and dated.

Because not all customers may feel comfortable submitting their W9 forms using e-sign, Hawaiian Electric will continue to accept hard copies of the W9 forms. The forms can be printed out, signed and mailed to: Hawaiian Electric, P.O. Box 2750, Honolulu, HI 96840, Attn: AT10-SG.

With either e-sign or hard copies the signer of the W9 must be the battery owner (only one person).

More information and updates: hawaiianelectric.com/batterybonus.

Additional Paperwork Needed When Selling a House With Solar Panels

It's no secret that preparing to sell a house involves a considerable amount of paperwork. Homeowners should be aware that additional documentation is required if the house has solar panels.

Homeowners with solar panels on their roof need to make sure they have a copy of their interconnection agreement with Hawaiian Electric well in advance of closing. If a real estate agent is involved, they can help the seller by making sure they include the interconnection agreement on their document checklist.

If a seller can't locate their interconnection agreement, Hawaiian Electric recommends they request a copy of the agreement from the company at least 30 days in advance of closing. With more than 94,000 rooftop solar systems installed across Hawaiian Electric's service territory, this is an issue that is likely to crop up more often in the future.

Click here for additional information on what you need to do to keep your rooftop solar program agreement in good standing.

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