

# SMART EXPORT



Smart Export allows customers to install a private rooftop solar or other renewable energy system, along with a battery energy storage system. These customers are typically expected to charge the battery storage system from the solar system during the daylight hours (9 a.m. – 4 p.m.) and use that energy to power their home in the evening.

However, customers also have the ability to receive a credit for any energy exported to the grid during the evening, overnight and early morning hours. Energy exported to the grid during the daylight hours is not compensated. Customers receive a monthly bill credit for energy delivered to the grid during non-daylight hours, which helps to offset the cost of energy pulled from the grid when the system isn't producing enough energy to meet the household demand. If the amount of energy received by the company from the customer during the eligible

<b>O'ahu Export Credit:</b>	<b>14.97 cents/kWh</b>
<b>Eligible System Size:</b>	<b>Up to 100kW</b>
<b>Minimum Residential Bill:</b>	<b>\$25</b>

export period exceeds the amount of energy delivered to the customer for the month, the excess kilowatt-hour credits may be banked for up to one year for use in other months when the customer uses more energy than what is delivered to the grid. The export credit is fixed through Oct. 20, 2022, at which time it will be reviewed.

The safe, reliable operation of the grid is important to everyone. The combination of utility system upgrades and leading-edge, customer-facing technology is providing new opportunities to connect more renewable energy systems in less time with greater efficiency. All new systems in Hawai'i are now required to use advanced inverters and activate certain functions that help maintain a stable and reliable grid.

Unlike other available programs, the Smart Export program's "Smart Charging and Exporting" rate design allows customers the opportunity to charge their battery system with renewable energy during the day and receive credit for energy exported from the batteries to the grid in the evening and early morning hours. Participants in this program will use advanced (or smart) inverters and advanced metering technology to manage the battery charging and export windows, and to maintain stable grid operations.

## Program Capacity and Availability:

The program will remain open until the installed capacity of the program is reached in each service area; however, it is possible that additional space for new private rooftop solar or other renewable systems may not be available on every circuit. In the event the local circuit is already saturated, the utility will work with customers and contractors to identify potential solutions that could enable additional systems to connect. Possible types of mitigation include, but aren't limited to utility upgrades, alternative system designs and/or technology, different program choices and/or a combination of some or all of these approaches.

## Additional Resources for Information:

Please visit our website to review instructional videos, compare a range of available program options, and to explore helpful maps that provide information about current system capacity. You may also contact our Distributed Energy Resource Team either by phone or email.

Hawaiian Electric  
(808) 543-4760  
[Connect@HawaiianElectric.com](mailto:Connect@HawaiianElectric.com)

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