

HECO Battery Bonus Scheduled Dispatch Program Installer FAQ

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How can Enphase Encharge Storage Systems comply with this program?

Enphase Storage Systems comply with this program, as they support the changed priority and scheduled dispatch to grid functions.

Does Enphase's Battery Storage System (Ensemble) Qualify for HECO's SDP Program?

Scheduled Dispatch Program ("SDP") participation is available to new and existing Enphase Homeowners who own and operate a battery storage system charged from the on-site solar generation under Hawaiian Electric's Net Energy Metering (NEM), Customer Self-Supply (CSS), Customer Grid-Supply (CGS), Customer Grid-Supply Plus (CGS+), Smart Export (SE), or Standard Interconnection Agreement (SIA) programs.

How do I size The Encharge Battery for the HECO SDP Program?

We recommend using the [Enphase System Estimator](#).

Can I add M-series to my existing M-series system?

Yes, however M-series may not comply with Rule 14H, depending on M-series number. If this the case, system expansion will need to be with IQ micros.

Does my old M-series Solar System communicate with my new IQ 7 solar system?

No. M-series and IQ 7 can be displayed on the same site in Enlighten, however will not communicate locally.

Can the Enphase Battery Storage System attach to my M215/M250 System?

Yes, Ensemble is compatible with M-Series.

What do I need for my M215/M250 System to communicate with Ensemble?

Envoy S-Metered, mobile connect and comms kit.

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Can I mix M-series + IQ rooftop solar on the same battery?

M-series and IQ microinverters use a different communication and control method that requires two separate Envoys. Encharge can only be paired with one Envoy.

If there is an existing M-series system and I add IQ 7s, which one do we connect to the battery?

Both the M-series and the IQ 7 microinverters will work. The installer can choose the preferred connection, based on the project.

Can an Encharge System charge from the grid?

SDP prioritizes delivery of energy from solar PV paired with batteries. Encharge technically can charge from the grid, however if this option is enabled, the system may not qualify for the ITC.

Can you attach an Encharge Battery without rooftop solar?

Yes, however this will not qualify for the SDP program and would not be eligible for the ITC.

Is the Encharge Battery compatible with S280 microinverters?

No, S280 microinverters have not been tested with Ensemble.

Will Encharge work with third party inverters (Non-Enphase)?

Not at this time.

Can I install Ensemble if there's no room to install Consumption CT's in the main panel?

Yes, Consumption CTs can be installed on the input of Enpower.

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Do I need to install Enpower as part of the Ensemble System?

No, Enpower is not required. However without Enpower, the system will be grid interactive only and will not provide backup (multi-mode) functionality.

Can I use power from my storage system during the scheduled dispatch period (6–8pm) with the “Battery Bonus Program”?

Yes: Energy discharged during the dispatch period from the battery storage system may either serve onsite load or be exported to the grid. The customer will require the installer’s help to manage the battery storage system to automatically prioritize battery charging during periods of substantial solar panel isolation. For more information, please see related material on HECO’s [SDP website](#).

How do we integrate Ensemble into systems with Existing Third Party Inverters onsite?

Third Party inverters should not be connected to the microgrid side of Enpower. If the consumption CTs include the output of another system, a second set of reversed production CTs should be installed to back out the other system.

If I am on a CSS interconnection, can I join this program?

Yes, technically. However, battery retrofits to existing solar projects will create greater customer revenue/cost savings potential under SDP program terms.

Can the Enphase Load control function be used for Fast DR?

Not at this time.

How long will it take for customers to be able to become enrolled in the program?

After point of sale, we anticipate that customer system, design, and permitting may take approximately 1 to 2 months; we anticipate that interconnection and granting of Permission to Operate from HECO can take an additional 1 to 2 months, though this will depend on HECO’s progress in managing its interconnection queue. So after point of sale, a realistic expectation is probably 2 to 4 months—largely driven by HECO’s timetable.