

SOUTH HADLEY ELECTRIC LIGHT DEPARTMENT
Distributed Generation
Installation Metering Policy
Effective January 1, 2026
By the South Hadley Municipal Light Board

Policy Description: This policy specifies the metering of Distributed Generation (DG) systems which include, bidirectional EV/Chargers, photovoltaic (PV), residential batteries and other applicable technology, which are connected to the SHELD distribution system as described in the *Distributed Generation Interconnection Requirements – Customer Accessory Option Policy*. It applies to all applications processed after the effective date listed above.

Residential DG Installations:

These installations require that a bi-directional meter is installed to measure the energy flows between the SHELD system and the customer's DG system.

Photovoltaic Generation Systems:

Kilowatt hours produced by the customer's system and *delivered to* SHELD will be credited at the then applicable distributive generation credit rate per MDPU #112. All kilowatt hours *received from* the SHELD system will be billed at the full retail rate for all delivery and supplier services for that customer's current class of service. Any credit in excess of total monthly charges will be carried over to the following billing month. Any credit not used within a twelve months of its origination will expire. No credits will be refunded to the customer. SHELD reserves the right to purchase the DG REC's associated with this generator.

Distributed Generation: All other systems

Systems within this category include residential batteries (both connected to solar and not connected to solar) and bidirectional EV and Charger installations (both connected to solar and not connected to solar). These systems will also receive credit for the kilowatt hours *delivered to* SHELD above and beyond the home's energy usage, at the then applicable distributive generation credit rate per MDPU #112 provided that the following conditions have been met:

1. These systems shall be enrolled in a third-party peak shaving program to qualify for credit for kilowatt hours delivered to SHELD,
2. No credits will be applied to the residential account for systems that opt-out of the third-party peak shaving program,
3. No credits will be applied for system that discharge outside of peak events as identified by the administrator of the third-party peak shaving program.

Similarly, all kilowatt hours *received from* the SHELD system will be billed at the full retail rate for all delivery and supplier services for that customer's current class of service.

Commercial Rate Customers: These customer owned installations require that a new separate meter be installed for the system, downstream of the existing SHELD metering. All kilowatt hours supplied to the customer from *either* the SHELD meter or the generator meter will be billed at the normal rate for that customer's current class of service. Kilowatt hours produced by the customer's owned system will be credited at the generation charge rate for

that customer's current class of service. If the customer's generation credit is more than the amount of usage billed, the credit will be carried over to the following billing period. The customer shall not receive payment for any credit balance as a result of this metering, and credits that continue for more than a year will be deleted from the customer's account. For commercial rates that have a demand charge calculation, the demand will be based upon the existing meter. SHELD reserves the right to purchase the DG REC's associated with this generator.

Existing Photovoltaic Generation Systems “Grandfather” Clause: For installations in-service on or before May 25, 2018, no changes will be made to the calculation of the charges/credits;

1. For the *current* account. This does not include change of account holder name due to marriage, divorce, death, etc.
2. For a period of 25 years commencing on the commercial operation date of the system as listed by the MA DOER.
3. For systems that have been constructed in stages, the 25 year period will be calculated based upon the weighted averaged of the separate components of the complete system.

Any changes/additions to current operational PV systems will void this “grandfather” clause, and they will be metered in accordance with the policy in effect at the time of the change/addition.