

## Solar energy market sri lanka

Net metering is a billing mechanism that credits solar energy system owners for the electricity they add to the grid.

This means the consumer has to pay only for the net amount of electricity consumed during a month. If the solar electricity supplied to the grid is more than the electricity consumption during a month, the balance amount can be carried forward to future as a credit, up to a maximum of ten years. No payment will be made for the excess electricity supplied over the consumption under this scheme.

If the generated units of electricity using the solar panels fixed on houses/premises are greater than the amount consumed, the excess will be paid at the rate of Rs.22.00 per unit during the first 07 years and from the 8th year onwards at the rate of Rs.15.50 per unit by the Utility Provider.

If the consumption is greater than the generated units, the consumer has to pay at the existing electricity tariff for the excess electricity consumed.

This involves getting paid for the amount of electricity generated using the solar panels fixed on the premises. Unlike the net metering method there is no linkage between the electricity consumption of the customer and the electricity generation. Two separate meters will be installed to measure import and export of electricity separately.

The customer has to pay for the electricity consumed according to the existing tariff whilst the Utility Provider will pay for the total amount of electricity the customer generates.

Solar PV service providers (applicant company), having capacity to deliver the complete package of services including survey, design, supply of equipment/materials, installation & commissioning and post installation back up support must register at the Sri Lanka Sustainable Energy Authority to engage in Solar PV Roof Top installation in Sri Lanka. Please refer below for the updated list of registered service providers.

Registered Solar PV service providers may be asked to update and/or provide additional information that may be required for determining the vendor's ability to participate in specific requests for proposals of major procurements, where additional qualification criteria specific to such projects would be required.

It is mandatory that Solar PV service providers conform to the following;

Further, it is preferred that:

A rooftop PV system has several components and each one of them has its own performance parameters. In



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order to increase the reliability of the system, the following Minimum warranty and insurance is required for each component:

Vendors/service providers shall submit necessary test certificates from accredited laboratories and obtain the conformity certificate from Sri Lanka Sustainable Energy Authority for PV panels, inverters and DC Cables as appropriate.

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