

RENEWABLE ENERGY PROGRAMMES IN MALAYSIA

SOLAR PHOTOVOLTAIC (PV)

BIOGAS, BIOMASS & SMALL HYDRO

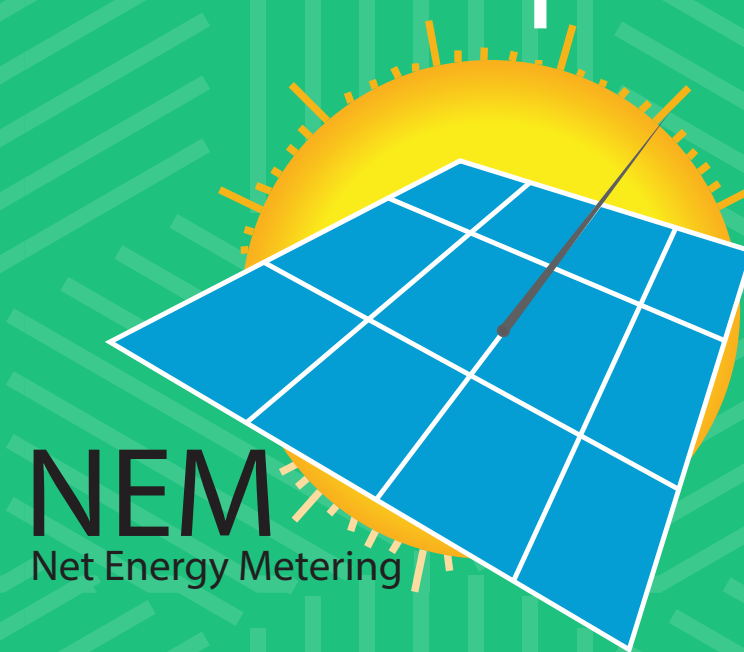
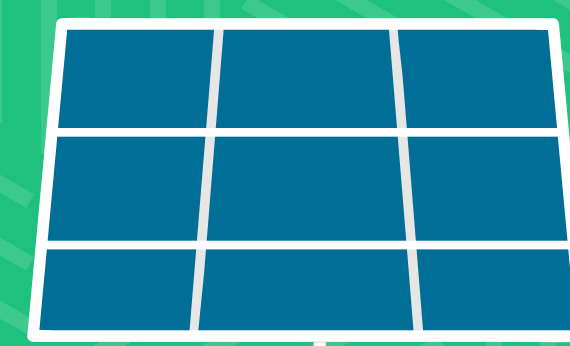


Self Consumption (SELCO)

- Electricity generated is for own use
- Any excess is not allowed to be exported to the grid

Guidelines

Visit www.st.gov.my for Guidelines On The Connection Of Solar Photovoltaic Installation For Self-Consumption



Net Energy Metering (NEM)

- Energy produced from the installed solar PV system will be consumed first, and any excess will be exported to TNB on a "one-on-one" offset basis.
- Restricted to Peninsular Malaysia only

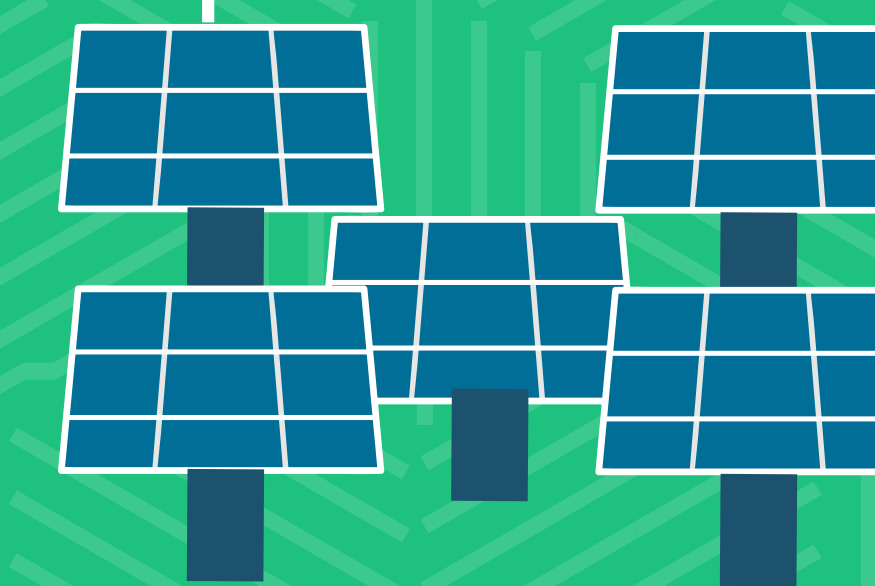
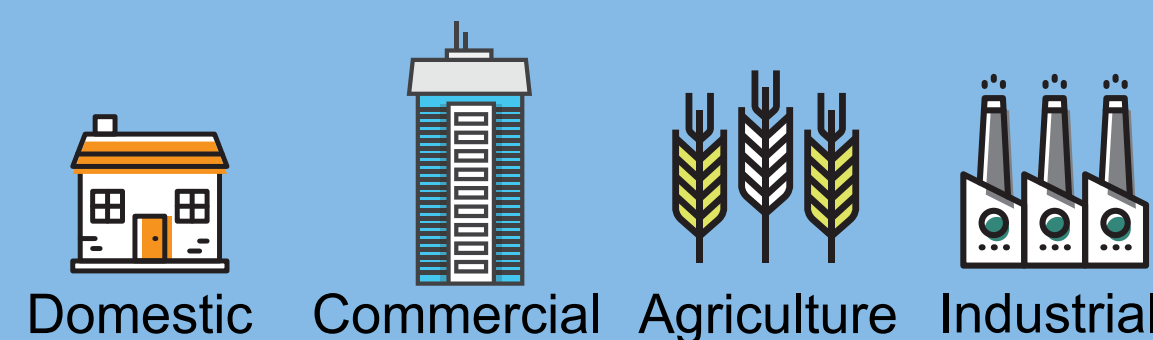
Registration

- Register with SEDA for application visit www.seda.gov.my to engage Service Provider via RPVSP directory



REGISTERED SOLAR PV SERVICE PROVIDER (RPVSP)

Who can apply?



Large Scale Solar (LSS)

- Competitive Bidding Program for The Development of Large Scale Solar Photovoltaic Plant (LSS)

Registration

- Register with ST for application visit www.st.gov.my for Guidelines

Who can apply?

- Open to all through competitive bidding process by ST



Feed-in Tariff

- A mechanism that allows electricity produced from indigenous renewable resources to be sold to Distribution Licensees at a fixed premium price for a specific duration.

How to apply?

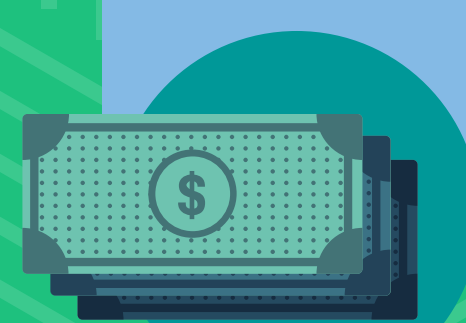
Apply via <https://efit.seda.gov.my/>



Mode of Purchase

Cash

- One off payment
- Homeowner is the system owner



Bank Loan/Credit Card

- Payment based on system cost and interest rates.



Solar Power Purchase Agreement (PPA)

- **Payment in Energy (RM/kWh)**
You pay based on per kWh for power generated from PV system



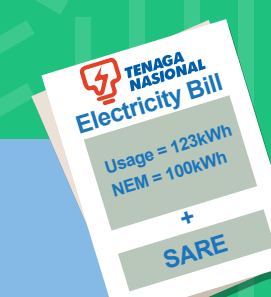
Solar Leasing

- **Fixed Monthly payment (RM)**
You pay a fixed amount monthly in return for the use of the PV system and the system will be owned by consumer after lease period ends

Method of Payment

Direct to Solar Investor

Direct to TNB via SARE (Supply Agreement For Renewable Energy)
TNB will remit the payment to solar investor and collect a service fee of 2 sen per kWh



RPVI for NEM

- Investors providing solar PPA/leasing services under the NEM must register with SEDA as a Registered solar PV Investor (RPVI) at <https://services.seda.gov.my/rpvi/rpvi/login>
- NEM applicants interested in solar PPA/leasing can engage RPVI listed in SEDA's website, www.seda.gov.my.

Licensing and Metering

- Generating Licence from ST is applicable for all renewable energy (RE) installations
- TNB for meter installation