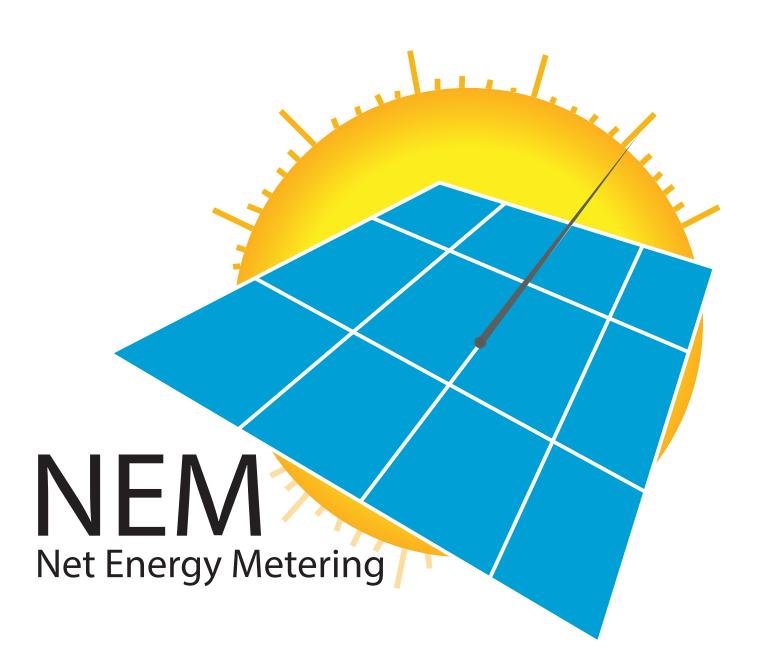
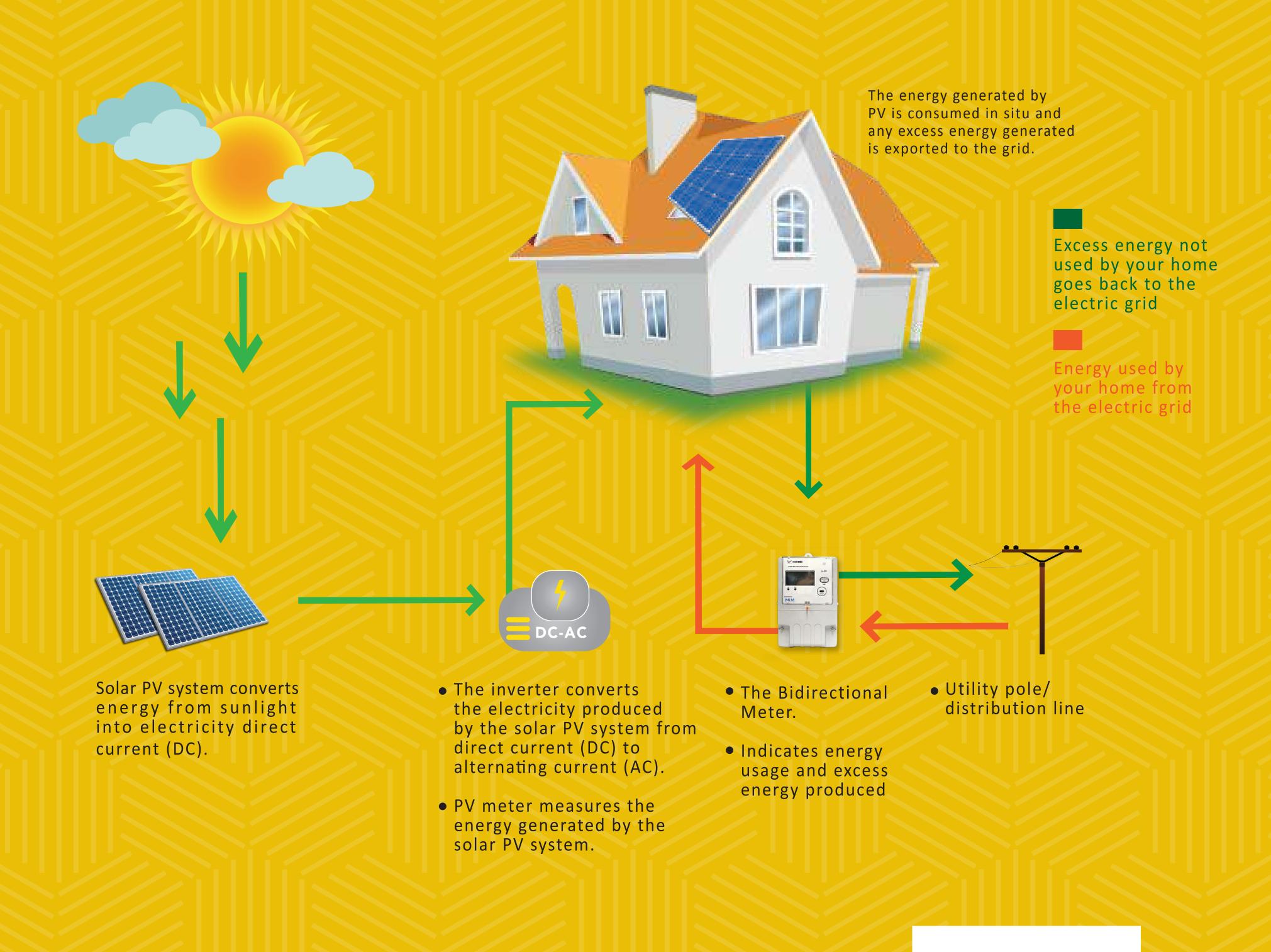
Net Energy Metering (NEM)



CONCEPTOFNEM

The concept of NEM is that the 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. This scheme is applicable to all domestic, commercial, industrial and agricultural sectors as long as they are the customers of TNB. The PV systems can be installed at available rooftops or car porch within their own premises.





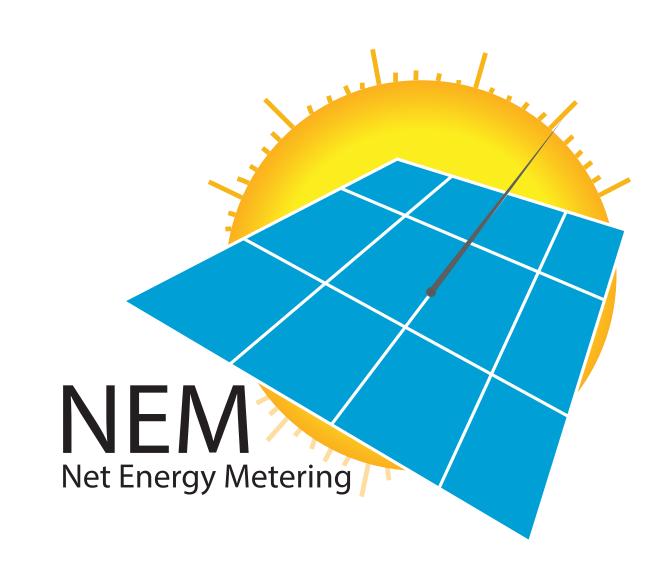






Net Energy Metering (NEM)

NEW NEM CALCULATION



PREVIOUS NEM

Solar energy that is produced from the installed PV system will be consumed first. Any excess will be exported and sold to TNB at the prevailing Displaced Cost prescribed by the Energy Commission.

NEW NEM

The new NEM mechanism has been improved by adopting the true net energy metering concept, allowing excess solar PV generated energ to be exported back to the grid on a one-on-one offset basis.



500kWh x Gazetted Tariff = RM 180.20

Import x Gazetted Tariff

Block Tariff (kWh)	Prorate (kWh)	Rate (kWh)	Amount (kWh)
First 200	200	0.218	43.60
First 100	100	0.334	33.40
First 200	200	0.516	103.20
First 300	0	0.546	0.00
Total	500		180.20



Home with solar PV

500kWh x Gazetted Tariff = RM 180.20

Import x Gazetted Tariff

Block Tariff (kWh)	Prorate (kWh)	Rate (kWh)	Amount (kWh)
First 200	200	0.218	43.60
First 100	100	0.334	33.40
First 200	200	0.516	103.20
First 300	0	0.546	0.00
Total	500		180.20



200kWh x RM 0.31/kWh = RM 62.00

Export x Displaced Cost



Bill: RM 118.20



(200kWh)

Excess Energy Export to TNB (Solar PV)

200kWh x Gazetted Tariff = RM 103.20

Block Tariff (kWh)	Prorate (kWh)	Rate (kWh)	Amount (kWh)
First 200	0	0.218	0
First 100	0	0.334	0
First 200	200	0.516	103.20
First 300	0	0.546	0.00
Total	500		103.20

Export Charges are charged in descending order (start from the highest applicable rate)



Bill: RM 77.00 (Additional Savings : RM41.20)











Net Energy Metering (NEM)

Net Energy Metering

NEM CONCEPT SCENARIOS

