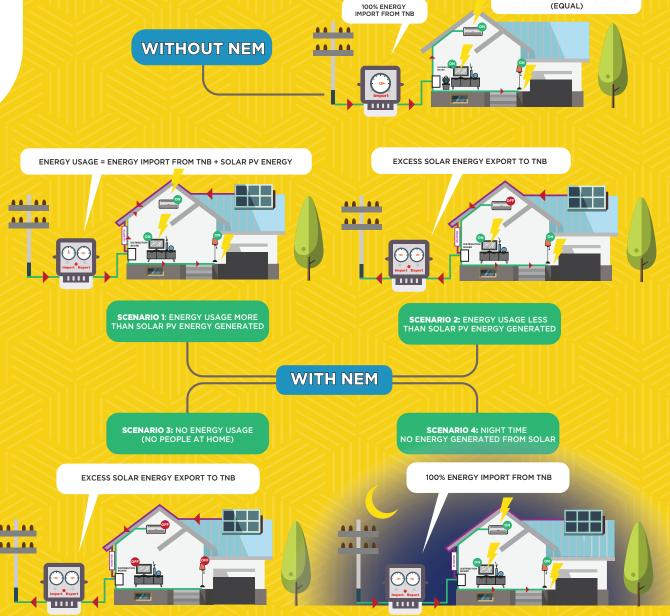


NEM CONCEPT SCENARIOS

ENERGY IMPORT = ENERGY USAGE



WHAT IS NEM?

NEM or Net Energy Metering is a practice where energy produced from the solar PV system installed will be consumed first, and any excess to be exported to TNB. Effective 1st January 2019, the new mechanism of NEM will allow electricity users who had installed solar panels at their home or premises to reduce electricity bills and hence create savings. The excess energy calculation will be based on the 'one-on-one' principle in this improved NEM mechanism.

For more information regarding NEM or how to apply, please visit:

www.seda.gov.my

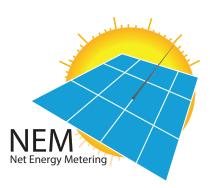








Net Energy Metering (NEM) NEW NEM CALCULATION



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 Energy Commission.

Effective 1st January 2019 NEW NEM

The new Net Energy Metering (NEM) has been improved by adopting the true net energy metering concept and this will allow excess solar PV generated energy to be exported back to the grid on a one-on-one offset basis.

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н	ome	with	solar P\	
00kWh	x Gaze	etted 1	Tariff = RN	1 180.20
Imp	ort x	Gaze	etted Ta	riff
ck Tariff (Wh)	Prora (kW		Rate (kWh)	Amour (kWh)

50

(KVVN)	(KWN)	(KVVN)	(KVVN)
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



Excess Energy Export to TNB (Solar PV)

200kWh x RM 0.31/kWh = RM 62.00

Export x Displaced Cost



Bill: RM 118.20



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 Saving RM41.20)