WHAT IS NEM?

This scheme is applicable to all domestic, commercial and industrial sectors as long as they are the customers of TNB (Peninsular Malaysia)

The concept of NEM is that the energy produced from the solar PV system installed will be consumed first, and any excess to be exported and sold to TNB at the prevailing Displaced Cost prescribed by the Energy Commission.



Net Energy Metering (NEM)

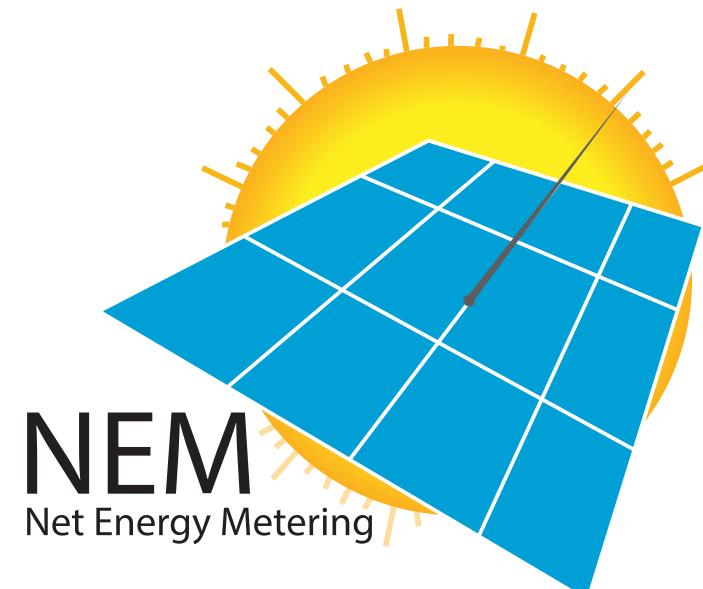


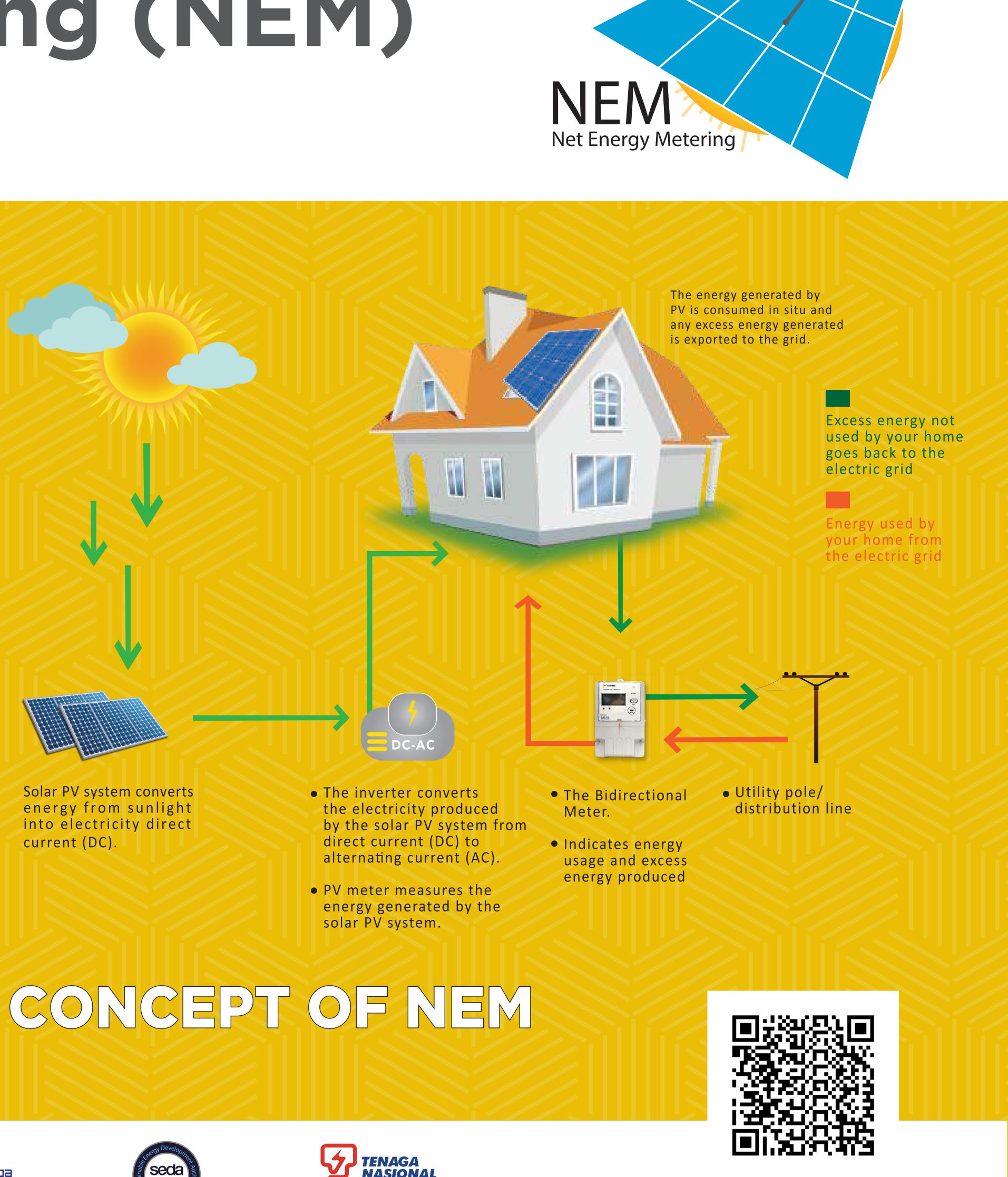
Solar PV system converts energy from sunlight into electricity direct current (DC).













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.

(500 (22)			COOKWI			
x Gazetted	l Tariff = F	RM 180.20	200	kWh x RM (0.31/kWh =	RM 62.00
ort x Ga	zetted T	ariff		Export x	Displaced	d Cost
Prorate (kWh)	Rate (kWh)	Amount (kWh)				
200	0.218	43.60				
100	0.334	33.40				
200	0.516	103.20				
0	0.546	0.00				
500		180.20				
(500kV			Excess End	ergy Expo	ort to TNE	Import Export
azetted Ta	ariff = RM	180.20	200kWh	n x Gazetteo	d Tariff = R	M 103.20
t x Gaze	tted Tar	iff				
Prorate (kWh)	Rate (kWh)	Amount (kWh)	Block Tariff (kWh)	Prorate (kWh)	Rate (kWh)	Amount (kWh)
200	0.218	43.60	First 200	0	0.218	0
100	0.334	33.40	First 100	0	0.334	0
200	0.516	103.20	First 200	200	0.516	103.20
0	0.546	0.00	First 300	0	0.546	0.00
		180.20	Total	500		103.20
500						

	(500	kWh)	ÞV			Excess E	inergy Ex		(200kWh)
500kW	/h x Gazettec	d Tariff = I	RM 180.20			2001	kWh x RM (0.31/kWh =	RM 62.00
In	nport x Ga	zetted T	ariff				Export x	Displaced	d Cost
Block Tarifi (kWh)	f Prorate (kWh)	Rate (kWh)	Amount (kWh)						
First 200 First 100 First 200 First 300 Total	200 100 200 0 500	0.218 0.334 0.516 0.546	43.60 33.40 103.20 0.00 180.20						
H	(500kV					Excess Ene	ergy Expo		200kWh)
500kWh x Gazetted Tariff = RM 180.20						200kWh	x Gazettee	d Tariff = R	M 103.20
Imp	ort x Gaze	tted Tar	iff						
Block Tariff (kWh)	Prorate (kWh)	Rate (kWh)	Amount (kWh)			Block Tariff (kWh)	Prorate (kWh)	Rate (kWh)	Amount (kWh)
First 200 First 100 First 200 First 300 Total	200 100 200 0 500	0.218 0.334 0.516 0.546	43.60 33.40 103.20 0.00 180.20			First 200 First 100 First 200 First 300 Total	0 0 200 0 500	0.218 0.334 0.516 0.546	0 0 103.20 0.00 103.20
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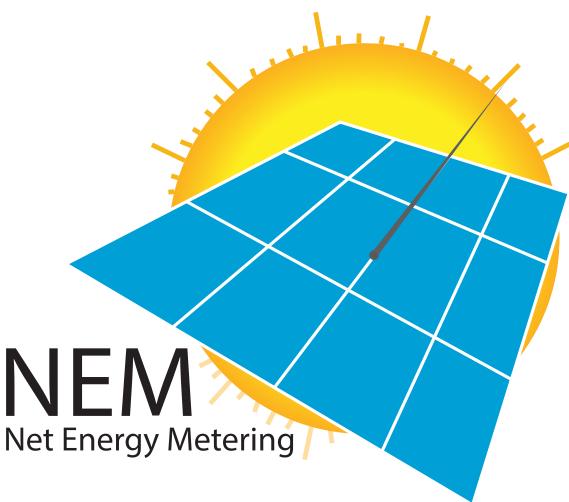
NEW NEM

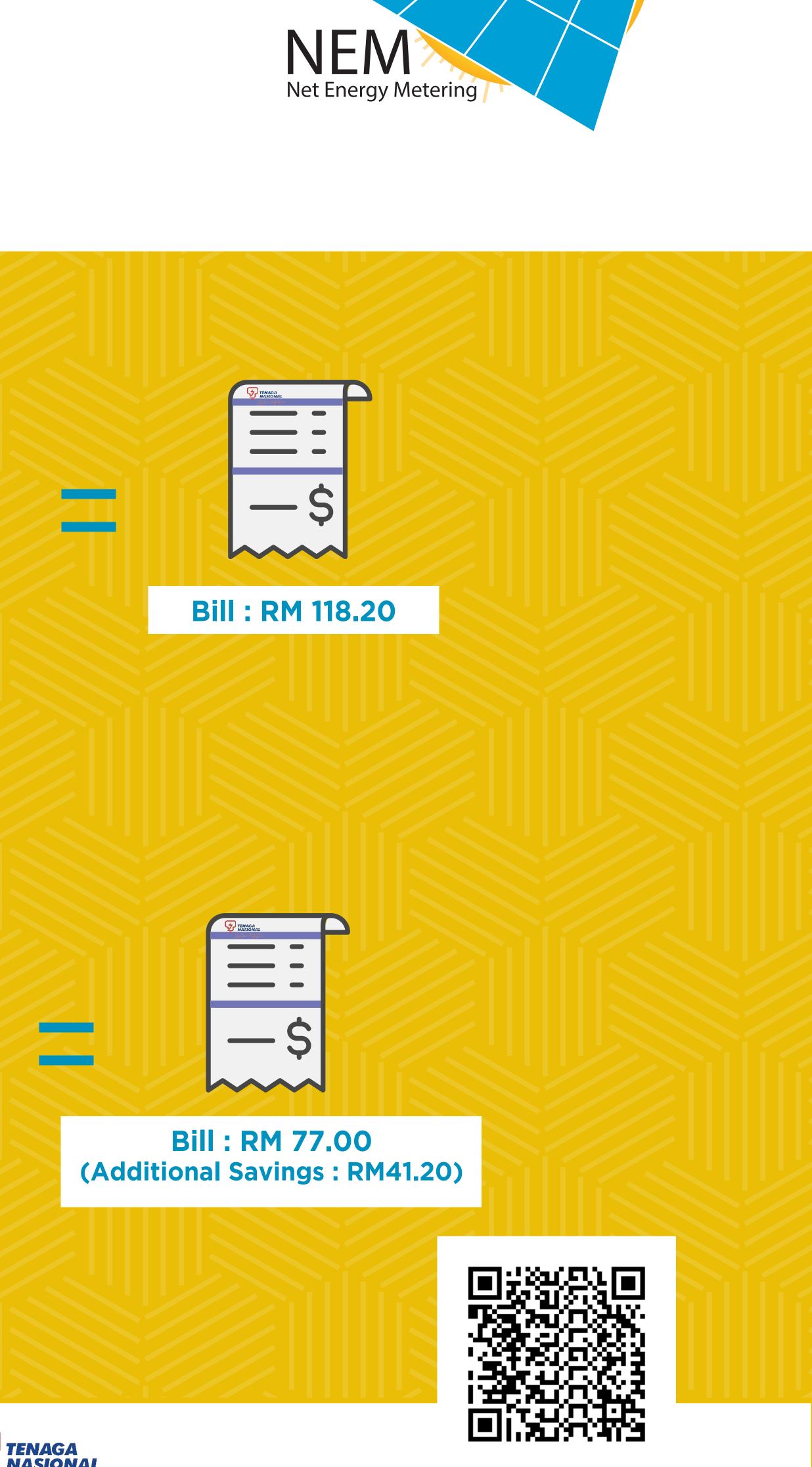
The new NEM mechanism has been improved by adopting the true net energy metering concept, allowing excess solar PV generated energ to be exported back to the grid on a one-on-one offset basis.













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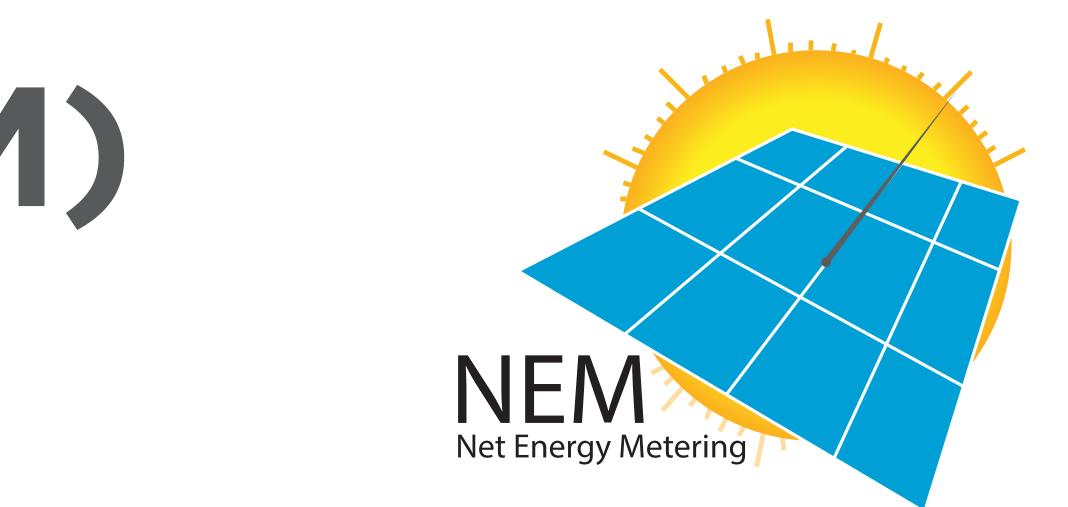
Net Energy Metering (NEM) NEM CONCEPT SCENARIOS











TENAGA NASIONAL Better. Brighter.

Net Energy Metering (NEM)

PURCHASE MODE FOR CONSUMERS

via DIRECT CONTRACT



SOLAR POWER PURCHASE AGREEMENT (PPA) OR SOLAR LEASING

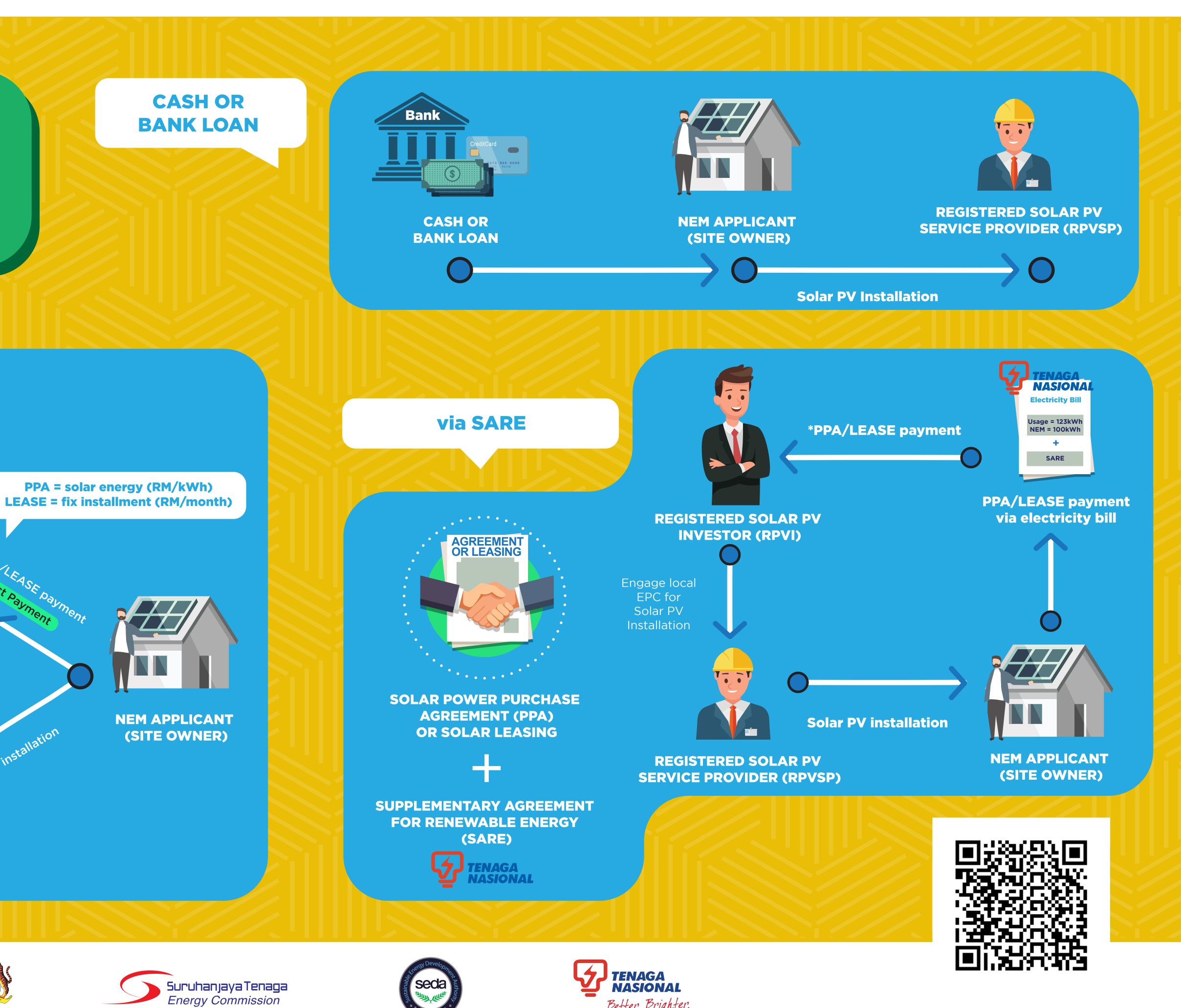
REGISTERED SOLAR PV INVESTOR (RPVI)

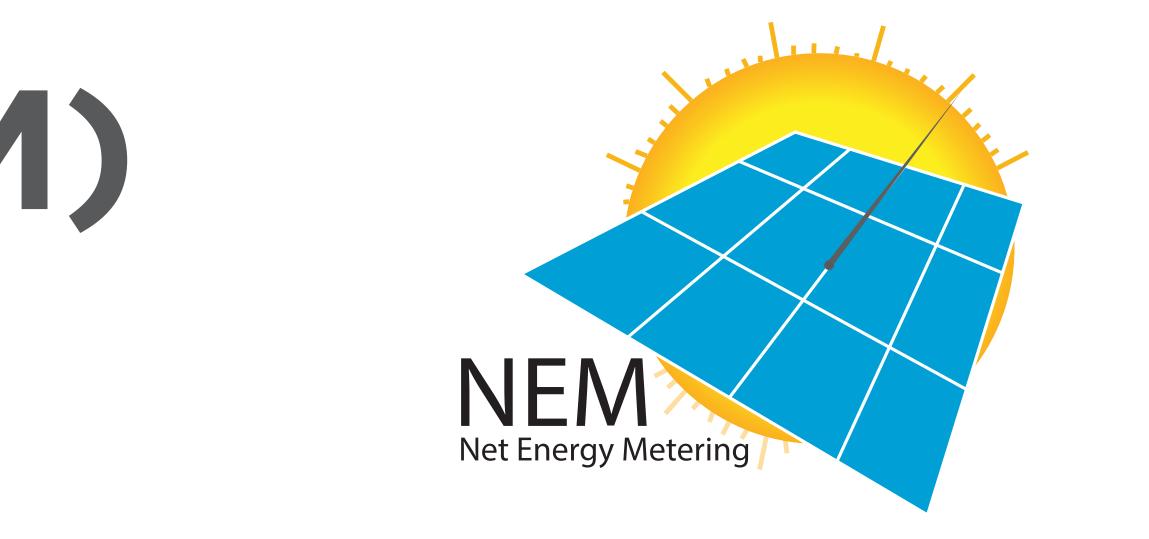
Engage local EPC for Solar PV Installation



REGISTERED SOLAR PV SERVICE PROVIDER (RPVSP)







Better. Brighter.