



# COMPANY PROFILE 2020

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BY  
SALUR TEGUH SDN BHD





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Our Intention and Aspiration

## 01 | Company Background





## COMPANY BACKGROUND

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Salur Teguh was established in 13 July 2020 and the company is led by an experienced management team that involves actively in the development of renewable energy power plants mainly Hydro and Solar Power Plant in both Solar farms (Large Scale Solar) and Roof Top Solar (NEM).

Salur Teguh has formed a joint venture with Canadian Solar to facilitate bank loan that covers up to 75% and provide equity to match the bank loan for the upcoming Solar PV project cost and in return holds 60% of Salur Teguh.

Canadian Solar was founded in 2001 in Canada and is one of the world's largest and foremost solar power companies. It is a leading manufacturer of solar photovoltaic modules and a provider of solar energy solutions and has a geographically diversified pipeline of utility-scale power projects in various stages of development. Canadian Solar market capitalization and revenue as of November 2020 is USD2.311bil and USD3.201bil (2019) respectively.

Over the past 18 years, Canadian Solar has successfully delivered over 38 GW of premium quality modules to customers in over 150 countries around the world. Canadian Solar is one of the most bankable companies in the solar industry, having been publicly listed on NASDAQ since 2006.



When Passion  
& Determination Meets The Right Skill Sets

## 02 | Key Personnel





**Hairul Hisham Mohd Soradi**  
Managing Partner

**Education:** Degree in Finance & Investment (UNITEN), VCMC & PEMC Representative Registration with SC.

**Profession:** Ex-Executive Director and Investment Committee member of an Islamic VC/PE firm and out-sourced Partner of Malaysia Venture Capital Management Berhad (MAVCAP). Ex-Investment Manager at BIMB Venture Capital, the first Islamic VC in Malaysia, ex-Manager, Strategic Planning in BIMB Holdings.

**Others:** Wide-Experience in the complete cycle of VC/PE investments and business growth strategy. Managed more than USD25 million Islamic VC/PE funds. Sitting on the Board of few investees, advising and supporting the growth.



**LOH KWANG YEAN**  
Finance Director

**Qualifications:** Bachelor of Accounting with Honours from Universiti Utara Malaysia (UUM), Member of the Malaysian Institute of Accountants.

**Profession:** Loh began his career as an Audit Assistant with Deloitte Kassim Chan in 1999. In 2002, he left Deloitte Kassim Chan and joined P.I.E. Industrial Berhad as a Project Officer in the Corporate Finance department. Subsequently, in 2004, he left P.I.E. Industrial Berhad and joined Dufu Technology Corp. Berhad as a Group Accountant.

In 2012, he joined LNG Resources Berhad as an Executive Director where he was involved in the management of corporate finance strategy and outlining management policies. He left LNG Resources Berhad in February 2014. Loh currently is active in managing Northern Bridge corporate advisory exercises.



**Amin Shafie**  
Partner

**Education:** Diploma of Electrical & Engineering from Universiti Tenaga Nasional Berhad (UNITEN).

**Profession:** Khairul is the Founder and Managing Director of Revotech Electrical Sdn Bhd.

Khairul has 15 years of vast experience in the field of electrical & engineering. He has proven abilities in leading and growing all sectors of a business to make it dynamic and maintain a progressive organization. He is highly professionally skilled in managing solar energy projects, especially the Net Energy Metering (NEM) schemes. Over the years, he has formed strategic partnerships with Organic UK, for Landfill, Biomass & Biogas project in Malaysia, and with Kinesis Energy in developing 13MW Solar Farm in Turkey.



TABUNG HAJI  
جڤو القاصح



mavcap

Deloitte.



NORTHERN BRIDGE  
CONSORTIUM DOCTORAL  
TRAINING PARTNERSHIP



The Energy University



**IRMA NADIA MOND FATANI**  
Human Capital Director

**Education:** Bachelor of Business Administration (Hons) in Human Resource from Universiti Tenaga Nasional Berhad (UNITEN).

**Profession:** Nadia was responsible for developing and implementing HR initiatives focused on achieving business objectives at Sunlife Malaysia as the Head of Expat Management. Provides hands-on human resources expertise in the areas of expat management, talent development, coaching & mentoring, workforce planning, employee relations, performance management, compensation and more.

Nadia utilized a data driven, solution-oriented approach to solve problems with a growth-oriented mindset. Proactively manages the relationship to ensure good communication and collaboration.



**LIM HAN BENG**  
Operation Director

**Qualifications:** Bachelor of Applied Science, Curtin University of Technology Bachelor of Architecture, University of Western Australia.

**Profession:** Melvin Lim has 15 years of experience in architectural practice and property development. He started his career as Project Architect and Partner at Nautilus Archi development. After that, he joined Asset 1 (Developments) Pty Ltd as Design and Project Architect. In 2011, he was the Project Architect and Partner at Lee Chor Wah Architect. Currently, Melvin is the CEO of Marc Na Development Sdn Bhd, having projects in Alor Setar, Johor, Shanghai and Kuantan.



**TEE YEE LOONG**  
Head of Operations

**Education:** Bachelor's Degree (BSc) (Hons) in Finance & Economics, Royal Melbourne Institute of Technology (RMIT) (Australia), Chartered Financial Analyst (CFA).

**Profession:** James is currently the Head of Analysts at Warisan Quantum Management. He is involved in monitoring various portfolios under Warisan Quantum Management, analyzed and reviewed executive investment theses and collaborated with senior analysts in operational due diligence. He developed and managed complex quantitative financial models that analyzed and tracked investment- fund-level debt, gross asset value, weighted average returns, and fund expenses. He implemented KPIs strategically and improved overall effectiveness by reducing front-end analysts needed by 50%.



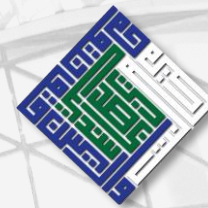
## OUR STRATEGIC PARTNERS



**Canadian Solar Inc**



**Revotech Electrical Sdn Bhd**



**Warisan Quantum Management  
Sdn Bhd**





Funding Businesses  
and Helping Them Grow

## 03 | Solar Energy Investment Proposal

# SOLAR POWER PURCHASE AGREEMENT (PPA)

Registered PV Service Provider/Investor:



CLIENT'S POTENTIAL SAVING & ENVIROMENTAL BENEFITS ANNUALLY :-



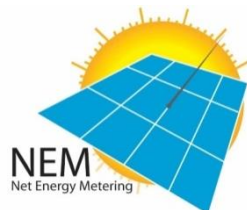
**3,200 TONNE**  
AVOIDANCE



**355,000 KM**  
DISTANCE TRAVEL  
AVOIDANCE (PETROL)



**7,200**  
TREE SEEDINGS  
GROWN





# PARTNER BACKGROUND



More than 52 GW  
solar modules shipped



Over 16.3 GW project backlog and  
pipeline around the world



Module capacity over 16 GW  
Cell capacity around 10 GW



Active buying customers  
in more than 150 countries



Subsidiaries in 20 countries  
& regions on 6 continents



17 manufacturing facilities  
in Asia & Americas

## AWARDS

- No. 1 Top Bankable Manufacturer Rated by BloombergNEF in 2020\*
- Tier 1 Solar Company by BloombergNEF 2017-2020
- Leading company in PHOTON PV TRIATHALON 2017
- No. 1 Module Supplier for Quality and Performance/Price Ratio in IHS Module Customer Insight Survey in 2016
- The Best PV Module Manufacturer Award in Brazil by Smart Energy 2016
- No. 1 Silicon module solar plant developer by Greentech Media Research in 2017
- Best Structured Project Bond Award by Environmental Finance 2017
- TWO DEAL OF THE YEAR AWARDS FROM POWER FINANCE & RISK in 2018
- Intersolar North America 2012 Solar Project Award Finalist
- \*100% of respondents surveyed by BloombergNEF considered Canadian Solar's modules bankable. Note that it is the respondents considering this, not BNEF.

## GLOBAL CONTACT



Canadian Solar Inc

# PARTNER BACKGROUND

## ABOUT REVOTECH

REVOTECH ELECTRICAL SDN BHD has been in the engineering and electrical industry since 2004 and involved in solar industry since 2011.

### What We Offer

REVOTECH is a licensed and registered renewable energy specialist operating in Malaysia. We design, distribute, install and maintain solar energy systems for residential, commercial and industrial properties.

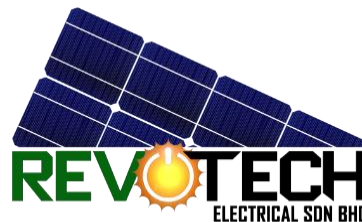
We offer professional one stop solution for solar power including development, investment , Engineering Procurement Contract (EPC), finance and O&M manufacturer. Revotech has expanded to provide solar energy solution to meet global industrial and commercial needs; and its surrounding communities..

## REGISTRATION CERTIFICATE

MALAYSIA COMPANY COMMISSION (SSM) - 964301-K  
MALAYSIAN CONTRACTOR CENTER (PKK) – G7 0807A2009E122

MINISTRY OF FINANCE - 357-02238845  
CONSTRUCTION INDUSTRY DEVELOPMENT BOARD (CIDB)  
– G7 0120151103-PK167136

ENERGY COMMISSION (ST) – ST(PIP) PRK/C/KE/006952015  
TENAGA NASIONAL BERHAD – 3049392  
SUSTAINABLE ENERGY DEVELOPMENT AUTHORITY (SEDA)  
– RPVSP-2019/042





# OUR EXPERTISE



## Solar PV

Solar (EPC) service provider  
"Engineering, Procurement & Construction"



## Engineering

Our experienced engineers will analyse the relevant data to optimize the potential of the solar power generated



## Operations & Maintenance

Our field teams are ready to ensure maximum performance & to constantly seek ways to optimize each PV asset's returns



## Energy Saving Solutions

We are providing power quality & efficiency improvements and also remote monitoring system



## IPP License & PPA

We will provide the necessary consultancy to facilitate the acquisition of the Independent Power Producer (IPP) licenses and Power Purchase Agreements (PPAs)



## Procurement & Purchasing

You can be assured that we will negotiate and procure the right technologies and services at the best possible terms



## Project Management

Every project we undertake is meticulously supervised from end to end to guarantee its successful completion



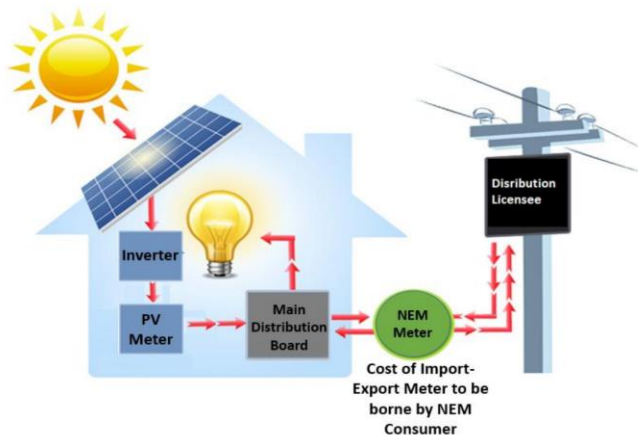
## Construction

With our experience and expertise, we are equipped with top quality construction management capabilities to ensure high level construction performances

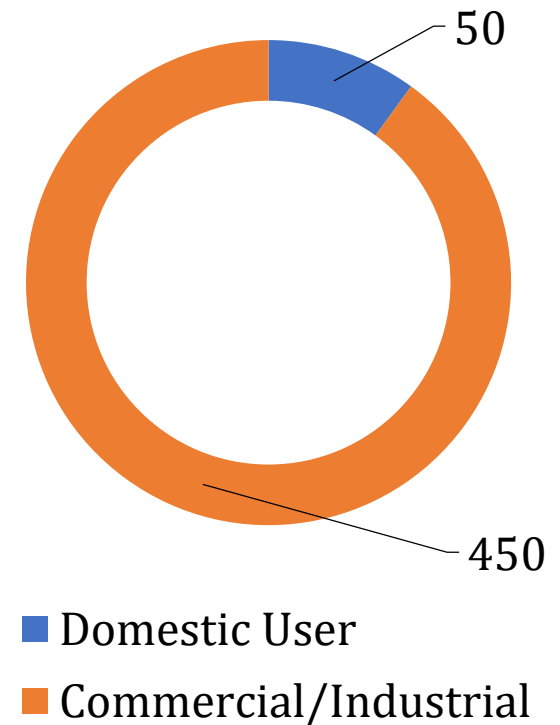
## UNDERSTANDING NET ENERGY METERING(NEM) IMPLEMENTATION

Net Energy Metering (NEM); a scheme that allows self-consumption of electricity generated by user's Solar PV system, while at the same time allows sale of the excess energy to the distribution licensee (TNB) at 1 to 1 offset according to the tariff of the user.

NEM is one of the most effective methods of encouraging the rapid deployment of RE generation. NEM policy encourage users to install Solar PV system to offset electricity bills as much as possible.



## NEM QUOTA (500MW)

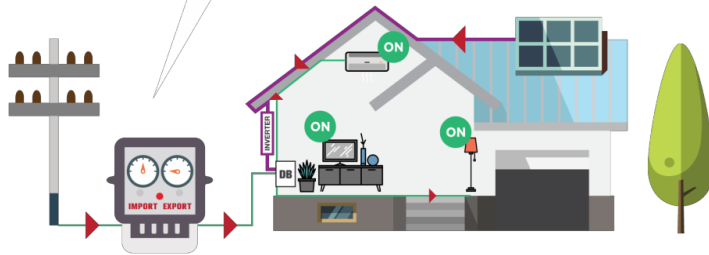




# HOW NET ENERGY METERING WORKS?

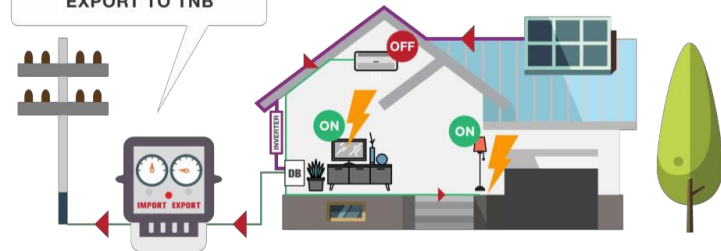
## SCENARIO 1: ENERGY USAGE MORE THAN SOLAR PV ENERGY GENERATED

ENERGY USAGE = ENERGY IMPORT FROM TNB + SOLAR PV ENERGY



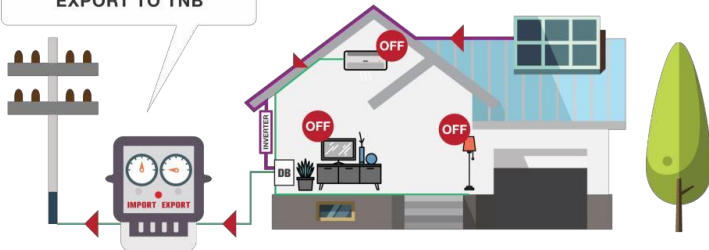
## SCENARIO 2: ENERGY USAGE LESS THAN SOLAR PV ENERGY GENERATED

EXCESS SOLAR ENERGY EXPORT TO TNB



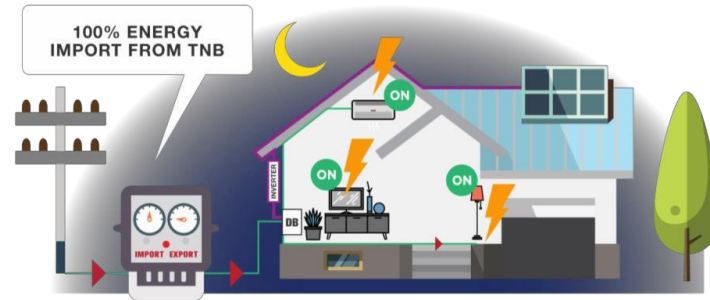
## SCENARIO 3: NO ENERGY USAGE (NO ONE AT HOME)

EXCESS SOLAR ENERGY EXPORT TO TNB



## SCENARIO 4: NIGHT TIME (NO SOLAR GENERATION)

100% ENERGY IMPORT FROM TNB



# Solar PPA Overview

## Solar Power Purchase Agreement (PPA)

### **Zero cost investment**

A solar power purchase agreement (PPA) is a financial agreement where a developer arranges for the design, permitting, financing and installation of a solar system on a customer site at zero cost.

### **Fixed tariff rate**

The developer sells the solar power generated to the host customer at a fixed rate that is typically lower than TNB rate.

### **Additional Cash Flow**

This lower electricity price serves to offset the customer's purchase of electricity from TNB and gain additional cash flow every month.

### **Risk-free**

PPAs contractual term is 21 years and the developer remains responsible for the operation and maintenance of the system for the duration of the agreement.

### **Transfer ownership**

At the end of the PPA contract term, the solar system ownership may transfer to the customer at mutually agreed term.

# Business Model

Integrated Management & Financing:  
Solar PPA with CSES

Hassle-free and Integrated Solution for the Long Term



Zero Capex,  
Cash Costs

Reduced  
Risks

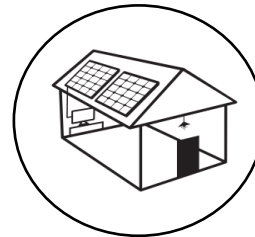
Immediate  
Cash Savings

Productivity  
Achieved



## Reduce your electricity bill

Solar PPA allows you to get clean electricity at an affordable price with flexibility and efficiency.



## Roof / Building Cooling

Solar panel shade structure will make the building cool and absorbs the heats(light) to converts it into usable energy.



## Be Ethical & Sustainable

Demonstrate to customers and competitors your sustainability.



## Go Green

Malaysia aims to achieve 20% renewables energy as part of the energy mix by 2030.



## Solar PPA Workflow



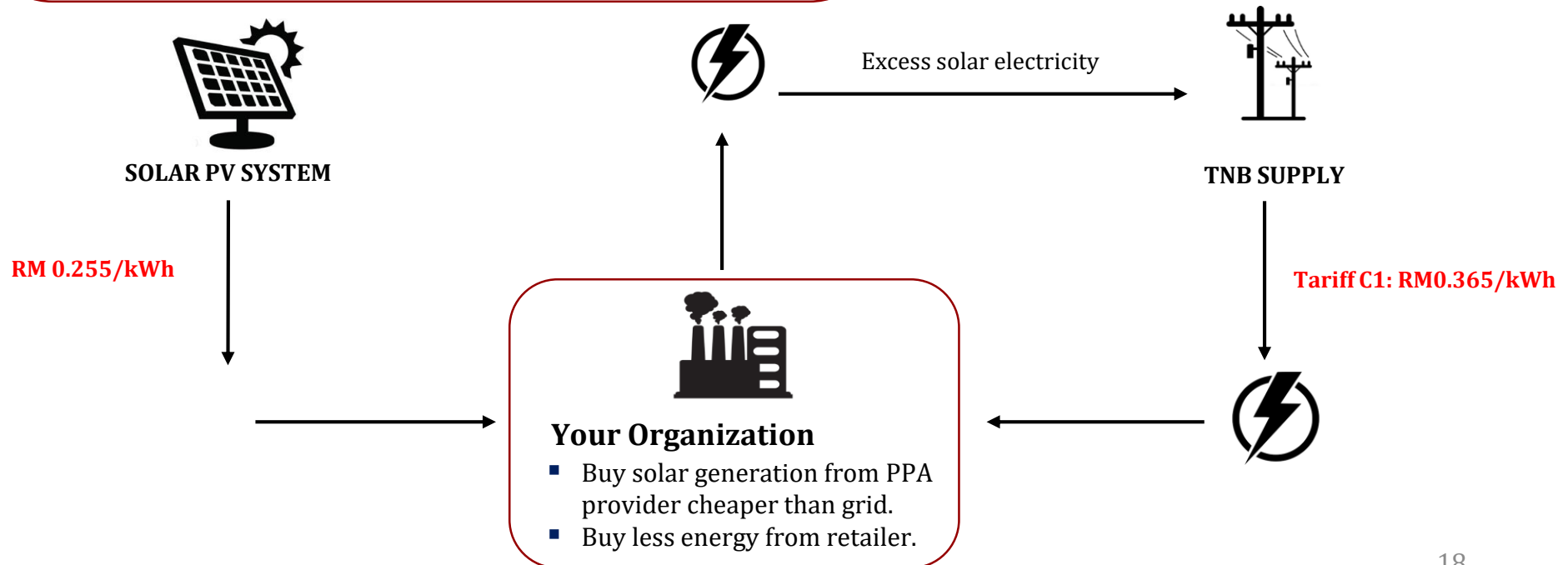
### PPA Providers

- Own, finance and install the solar system.
- Operate and maintain the solar system.
- Contractual term 21 years.



### Electricity Retailer

- Electricity Agreement.
- Continue supply electricity from grid.
- May purchase excess solar generation



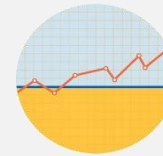
# Business Model Summary

## BOOT - Zero Capital Investment

- Developer will design and install the solar system according to the client's requirements
- Zero upfront cost with no administrative charges
- Pay as you use model
- Insurance, installation, borne by Developer
- System design will be dependent on 75% of the declared MD to TNB or 60% of the main fuse rating
- Client still enjoy uninterrupted power supply as the internal system is still connected to TNB's incoming supply

## Price Structures

- Client will pay the monthly electrical tariff based on solar energy produced and consumed.
- Discount rates are between **15 to 30%** depending on system size, tenure and type of tariff structure.
- An electricity tariff is charged based on pre-determined tariff structures:



A **fixed** rate structure over 21 years.

## Monitoring, Maintenance & Replacement

- Take care of monitoring, maintenance and replacement costs
- Ensure solar system is operating at optimal level

## Protection Against Tariff Variations

- Fixed tariff structure allows Client to hedge the sale price of electricity regardless of market fluctuations.

# BOOT Concept

## BUILD

- Dealing with Authority.
- Site initial assessment.
- Load Profile analysis.
- System Conceptual and Detailed Design
- Procurement.
- Construction.
- Commissioning.

## OPERATE & OWN

- System operation.
- System support.
- Preventive maintenance.
- Corrective maintenance.
- System insurance.
- Energy monitoring.

## TRANSFER

- Transfer ownership to client at the end of PPA tenure.
- Optional signing of Operation & Maintenance Agreement to maintain the system.



# UNDERSTANDING YOUR UTILITY BILLS

| Keterangan            |     | Tidak Kena ST | Kena ST | Jumlah     |
|-----------------------|-----|---------------|---------|------------|
| Kegunaan kWh          | kWh | 933,233.00    | 0.00    | 933,233.00 |
| Kegunaan RM           | RM  | 278,689.79    | 0.00    | 278,689.79 |
| Kehendak Maksima RM   | RM  | 59,015.00     | 0.00    | 59,015.00  |
| ICPT (RM0.0135)       | RM  | 12,598.65     | 0.00    | 12,598.65  |
| Kegunaan Bulan Semasa | RM  | 350,303.44    | 0.00    | 350,303.44 |
| KWTBB (1.6%)          | RM  |               |         | 5,403.28   |
| Caj Semasa            | RM  |               |         | 355,706.72 |

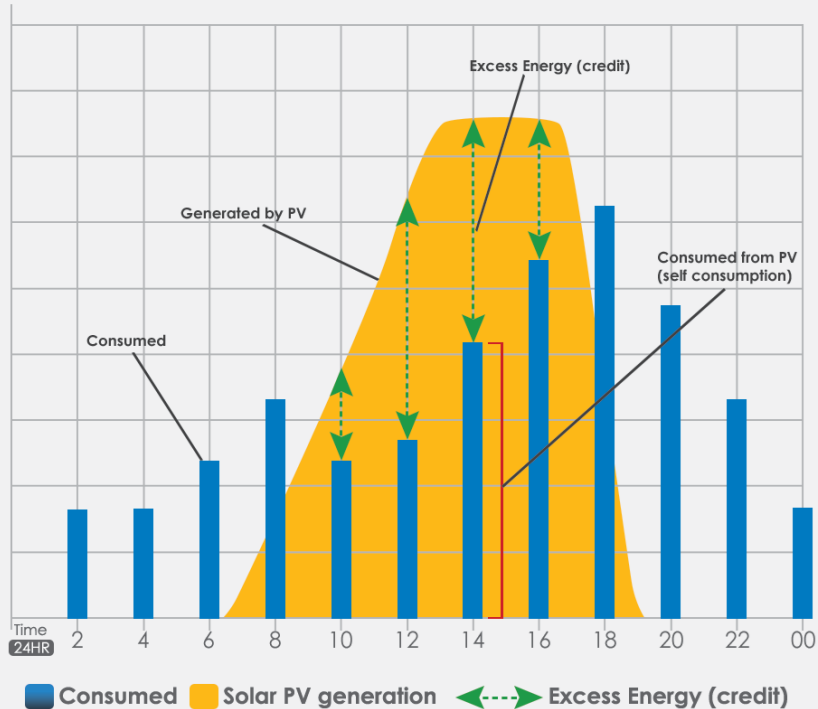
Muatan Tertinggi Dicapai 1,608.00 kW

|   | No. Meter | Faktor Meter | Bacaan Meter |            | Kegunaan   | Unit  |
|---|-----------|--------------|--------------|------------|------------|-------|
|   |           |              | Dahulu       | Semasa     |            |       |
| M | 908704371 | 1.00000      | 0.00         | 546,410.00 | 546,410.00 | kWh P |
| M | 908704371 | 1.00000      | 0.00         | 386,823.00 | 386,823.00 | kWh O |
| M | 908704371 | 1.00000      | 0.00         | 1,595.00   | 1,595.00   | kW P  |
| M | 908704371 | 1.00000      | 0.00         | 1,469.00   | 1,469.00   | kW O  |
| M | 908704371 | 1.00000      | 0.00         | 186,962.00 | 186,962.00 | kVARh |

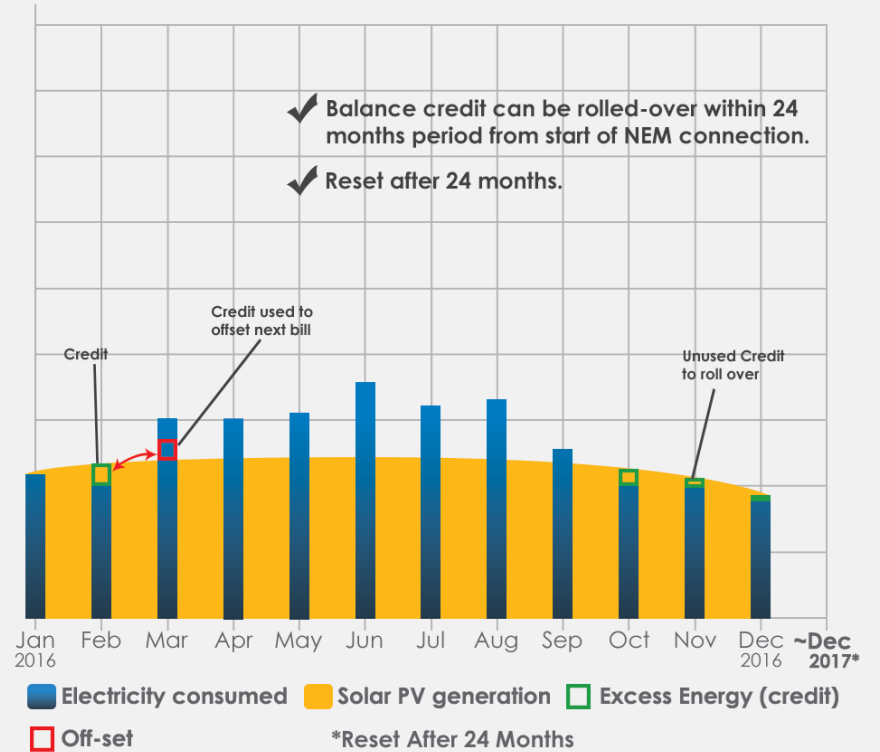
- 1. Consumption charges:** Based on electricity consumed from TNB during peak and off-peak hours
- 2. Maximum Demand:** Measured in Kilowatt (kW), is the highest level of electrical demand monitored in a particular period for a month period
- 3. ICPT (Imbalance Cost Pass-Through):** Introduced in July 2018, is a surcharge (RM0.0135/kWh) due to higher fuel cost. Beginning 1 March 2019 until 30 June 2019, the applicable ICPT surcharge is 2.55 sen/kWh.
- 4. Renewable Energy Fund (KWTBB):** In line with the Renewable Energy Act 2011 (RE Act 2011); the contribution to the RE fund is collected through a surcharge of consumers' electricity consumption at a rate of 1.6%

# WHAT HAPPENS TO THE EXCESS ENERGY?

Energy (kWhr)



Energy (kWhr)



## This will be the NEM bill layout and Export block will appear on the bill.

- Client who generates solar energy for their own use under the NEM program can sell their excess electricity to TNB on a one-to-one basis.
- Applicable to all domestic, commercial, agriculture and industrial sector. Can be implemented as part of a Solar PPA scheme where end user incurs zero CAPEX.
- Client enjoys reduction in carbon footprint thereby contributing to environmental sustainability

ELECTRICITY BILL AND TAX INVOICE

Account No. : 6000354612  
 Deposit : RM90,797.85  
 NEM Certificate No. : COM201900199  
 Reading Type : Actual Reading

Billing Period : 01.10.2019 - 31.10.2019 ( 31 Days )  
 Tariff : B:Commercial

| Tariff Block (kWh)        | Consumption (kWh) | Rate (RM)                | Amount (RM)     |
|---------------------------|-------------------|--------------------------|-----------------|
| 200                       | 200.00            | 0.4350                   | 87.00           |
| >200                      | 15,829.00         | 0.5090                   | 8,056.96        |
| <b>Total Import (kWh)</b> | <b>16,029.00</b>  | <b>Total Import (RM)</b> | <b>8,143.96</b> |

| Tariff Block (kWh)        | Consumption (kWh) | Rate (RM)                | Amount (RM)   |
|---------------------------|-------------------|--------------------------|---------------|
| 200                       | 0.00              | 0.4350                   | 0.00          |
| >200                      | 798.00            | 0.5090                   | 406.18        |
| <b>Total Export (kWh)</b> | <b>798.00</b>     | <b>Total Export (RM)</b> | <b>406.18</b> |

| Details                  | ST Non Applicable | ST Applicable | Total           |
|--------------------------|-------------------|---------------|-----------------|
| Consumption (kWh Import) | kWh               | 16,029.00     | 0.00            |
| Consumption              | RM                | 8,143.96      | 0.00            |
| ICPT(0.0255)             | RM                | 408.74        | 0.00            |
| Current Month Usage      | RM                | 8,552.70      | 0.00            |
| RE Fund (1.6%)           | RM                |               | 130.30          |
| Current Charges (Import) | RM                |               | 8,683.00        |
| kWh Export: 798.00       | RM                | 406.18        |                 |
| Current Charges (Export) | RM                |               | 406.18          |
| <b>Total Net Usage</b>   | <b>RM</b>         |               | <b>8,276.82</b> |

Highest Maximum Demand 93.00 kW

| Meter No.   | Meter Factor | Meter Reading |              | Consumption | Unit    |
|-------------|--------------|---------------|--------------|-------------|---------|
|             |              | Previous      | Current      |             |         |
| M 813503744 | 1.00000      | 16,511.00     | 17,309.00    | 798.00      | kWh (E) |
| M 813503744 | 1.00000      | 984,148.00    | 1,000,177.00 | 16,029.00   | kWh (I) |
| M 813503744 | 1.00000      | 3,734.00      | 3,809.00     | 75.00       | kW      |
| M 813503744 | 1.00000      | 247,248.00    | 254,917.00   | 7,669.00    | kVARh   |

THANK YOU  
 For  
 Paying  
 Within 30 Days

TNB Careline  
 1-300-88-5454

Bill: LPC NEM

For more information on bill and previous payments, please visit - <http://www.mytnb.com.my> or contact TNB Hotline 1 300 88 5454

Untuk gangguan bekalan atau kerosakan lampu jalan TNB sila hubungi melalui telefon/SMS: 15454

For enquiries, please contact TNB Office:  
 TNB PELABUHAN KLANG  
 ARAS BAWAH MENARA BBT  
 1, LBB BATU NILAM 1, BDR  
 BUKIT TINGGI  
 41200 KLANG  
 SELANGOR  
 Tel : 03-33253050  
 Fax : 03-33253051

1% surcharge applies for payments after 30 days from the date of the bill in accordance with the Licensee Supply Regulations 1990

Additional Information:  
 Power Factor : 0.90  
 Load Factor : 0.29

Validity of Cheque Payment is subject to bank's clearance

NEM Balance: 0 kWh  
 NEM Balance: RM0.00

NEM Balance Expiry Date:  
 31/12/2019



THANK YOU  
For  
Paying  
Within 30 Days  
TNB Careline  
1-300-88-5454

Bill: LPC NEM

For more information on bill and previous payments, please visit - <http://www.mytnb.com.my> or contact TNB Hotline 1 300 88 5454  
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TNB PELABUHAN KLANG  
ARAS BAWAH MENARA BBT  
1, LBH BATU NILAM 1, BDR BUKIT TINGGI  
41200 KLANG  
SELANGOR  
Tel : 03-33253050  
Fax : 03-33253051

1% surcharge applies for payments after 30 days from the date of the bill in accordance with the Licensee Supply Regulations 1990

Additional Information:  
Power Factor : 0.90  
Load Factor : 0.29

Validity of Cheque Payment is subject to bank's clearance

NEM Balance: 0 kWh  
NEM Balance: RM0.00

NEM Balance Expiry Date: 31/12/2019



# HOW SOLAR CAN REDUCE YOUR ELECTRICITY COST?

| <b>Solar Net Energy Metering</b>                | <b>Solar Power Purchase Agreement (Solar PPA)</b> |
|---|---|
| <b>CAPEX</b>                                    | <b>Borne by Investor</b>                          |
| <b>Solar System Owner</b>                       | <b>Investor</b>                                   |
| <b>Contract Term</b>                            | <b>21-25 years</b>                                |
| <b>Tariff Structure (D: RM0.441/B: RM0.509)</b> | <b>Up to 20% Discount on Fixed Tariff</b>         |
| <b>Savings</b>                                  | <b>Depending on the discount rate offered</b>     |
| <b>Operation &amp; Maintenance</b>              | <b>Investor</b>                                   |
| <b>CAPEX for Replacement &amp; Insurance</b>    | <b>Investor</b>                                   |
| <b>Solar System Warranty</b>                    | <b>Investor<br/>- Throughout Contract Period</b>  |
| <b>Tax Allowances</b>                           | <b>NA</b>   |

# PPA - Proposal

| No                | Site Address       | Propose Solar System  |   | Project Cost |
|-------------------|--------------------|---|---|--------------|
| 1                 | Client A (Example) | Solar System Type   | On Grid-NEM   | RM 0.00      |
|                   |                    | Business Model  | PPA-0 CAPEX   |              |
|                   |                    | Solar System Size<br>(based on estimate allowed maximum demand) | 633kW (DC)  |              |
|                   |                    | Region  | Shah Alam,3.6 PSH±<br>(Based on Global Solar Atlas) |              |
|                   |                    | Solar Generation  | 69,313.5kWh±/Mth                                    |              |
|                   |                    | Fixed Tariff Offered<br>(For 21 Years)                          | 0.255/kW<br>(30% Discount On Peak Tariff)           |              |
|                   |                    | Monthly Energy Savings<br>(estimated)                           | RM7,589.80±   |              |
|                   |                    | Yearly Energy Savings<br>(estimated)                            | RM91,077.95±  |              |
|                   |                    | Contract Term   | 21 Years  |              |
|                   |                    | Maintenance   | Free For 21 Years                                   |              |
|                   |                    | System Ownership  | Transfer To Customer When<br>Contract Term End.     |              |
| Total Investment: |                    |   |   | RM 0.00      |

# PPA Requirements

## PPA Requirements

1. Company registration form. Form 8 or Form 9.
2. Documents proving the Applicant's ownership of the site.
3. Twelve (12) months TNB electricity bill (latest).
4. Electricity Single-line Diagram.
5. Roof plan.





# Project Reference

*Tile Roof installation*



*Metal Roof installation*



*BIPV installation*



*Ground mounted installation*



*Inverter and battery installation*



## Project Reference

**700kW in Senai, Johor**



**59kW in Shah Alam, Selangor (2019)**



**130kW in Johor & Kelantan (2020)**



**110kW in Melaka (2019)**



**360kW in Parit Buntar, Perak (2019)**



**1.5MW in Melaka (2020)**





# LATEST AND HIGHEST QUALITY KEY COMPONENTS

(OR EQUIVALENT)

JA SOLAR



SOLAR PANELS

SUNGROW



INVERTER

ENERACK



RACKING & MOUNTING

# KEY COMPONENTS DETAILS

## KEY COMPONENTS

We have selected latest and best-in-class components.

| EQUIPMENT   | CHARACTERISTICS  | BENEFITS   | WARRANTY   |
|---|--|--|--|
| JA SOLAR MODULES<br>(Or equivalent)               | Leading Tier 1 manufacturers of solar modules.   | High efficiency.<br>Modules efficiency up to 19.6%<br>Rated power tolerance of zero to +5W.  | <b>12-years</b> material and workmanship warranty.<br><b>25-years</b> linear power warranty. |
| SUNGROW PV INVERTER<br>(Or equivalent)            | Three-phase, 60kW rated AC output.<br>IP66 enclosure suitable for outdoor.                 | High-profile product with compact design, multiple MPPTs.<br>High efficiency (Up to99%): higher energy production and lower heat losses. | <b>5-years</b> product warranty (system monitoring included).                                |
| SOLAR RACKING/ MOUNTING STRUCTURE (Or equivalent) | Enerack has a design team with more than 10 years experienced in solar PV mounting system. | Quality-assured, simply, high performance, economics and easy install.   | <b>10-years</b> product warranty.  |
| WORKMANSHIP, OPERATION & MAINTENANCE              | Experience EPC in solar installation since 2011.   | To avoid any defect/leakage after the installation.  | <b>2-years</b> warranty for workmanship.<br><b>3-years</b> FREE O&M.                         |



# INDICATIVE TIMELINE



## NOTE:

1. The timeline is subject to location, site condition and site accessibility.
2. Equipment delivery will be subject to manufacturer's availability.
3. We will endeavour to ensure that the project is completed within the indicative timeline.

# In The News: Spike in Electricity Bills (TNB)

## Spike in electricity bills a global concern

CORPORATE NEWS

Thursday, 10 Jun 2020  
7:37 PM MYT



KUALA LUMPUR (Bernama) — Some were shocked when they saw their electricity bill during the movement control order (MCO) and conditional MCO periods. It sparked a debate on whether our electricity bills have been too high.

## Ministry summons TNB to clarify increase in electricity bills

Monday, 15 Jun 2020 09:35 PM MYT



Minister of Energy and Natural Resources, Datuk Shamsul Azhar Nasarah said KeTSA and the Energy Commission had summoned TNB's top management led by its chief executive officer, Datuk Seri Amir Hamzah Adnan today, which will be followed by another meeting tomorrow. — Bernama pic.

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Selasa | 23 Jun 2020

>> BERITA > NASIONAL > Bil elektrik naik: TNB diminta buat penjelasan

### Bil elektrik naik: TNB diminta buat penjelasan

WARTAWAN SINAR HARIAN | 27 Mei 2019

## TENAGA NASIONAL

Tenaga Nasional Berhad (TNB)

SHAH ALAM - Syarikat utiliti nasional, Tenaga Nasional Berhad (TNB) diminta untuk menjelaskan kepada rakyat mengenai runtuhan peningkatan bil elektrik yang naik mendadak sejak kebelakangan ini.

## Suruhanjaya Tenaga akan mendenda TNB kerana kecuai teknikal dalam bil pengguna

BY NAJIB 1:28 PM, 12 JUN 2019 BINCANGAN



Masalah teknikal di pihak Tenaga Nasional Berhad (TNB) yang menyebabkan kenaikan mendadak bil pengguna dilihat sebagai kecuai TNB sendiri. Perkara ini didedahkan oleh Menteri Tenaga, Sains, Teknologi, Alam Sekitar dan Perubahan Iklim, Yeo Bee Yin dalam temubual di pejabatnya semalam.

Jumlah hari semanjak PKP dilaksanakan

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PKP bermula pada: 18 Mac, 2020

PKPP dijangka tamat dalam

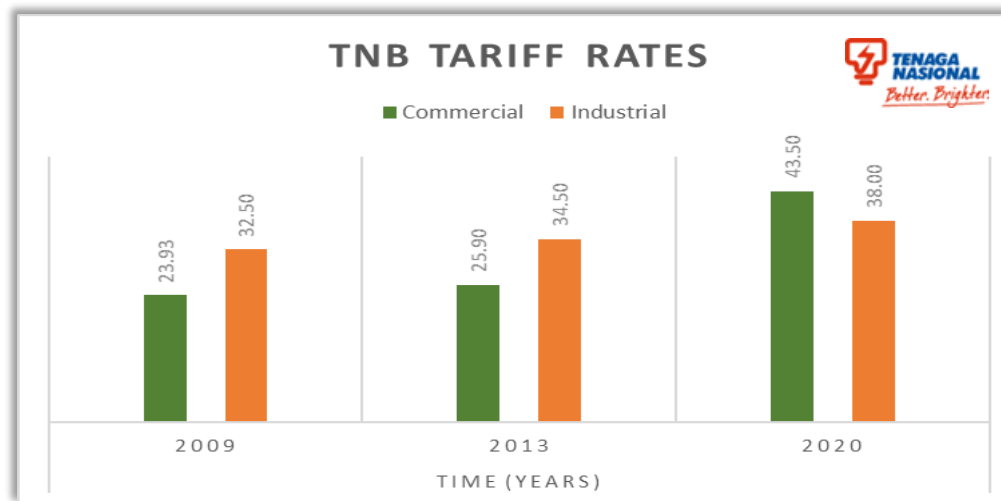
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PKPP dijangka ditamatkan pada 31 Aug, 2020

Ikuti liputan COVID-19 kami di sini

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Partners in RMSSM

# Development of TNB Tariff Rates



**Figure:** TNB Tariff Rates (2013-2020)

Over the years, it has been quite evident that rise in TNB tariff rates have caused customer shocks due to consistent increase in tariff rates. A natural consequence of overusing energy is increased costs for customers without an appreciable return on investment. Consumers may also risk lowering the expected lifespan of appliances and other electronics. When spent devices are replaced, it further impacts the environment by generating waste and purchasing replacement equipment. High electricity tariff rates imposed on commercial and industrial enterprises have caused a spike in expenses hence, jeopardizing sustainability of businesses.

Many in Malaysia and around the world are installing solar panel systems to benefit from this clean, renewable energy power. According to Energy, Science, Technology, Environment and Climate Change Minister, Ms Yeo Bee Yin, Malaysia can produce 1.4 times more electricity if all the roofs in Peninsular Malaysia are covered with solar panels. Thus, switching towards solar energy could resolve most constraints faced by consumers.



For further queries and appointment

04 | Contact Us



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