Suruhanjaya Tenaga
Energy Commission

Registration No.: GP/ST/No. 60/2025

Guidelines

for Solar Accelerated Transition Action Programme in Peninsular Malaysia

GUIDELINES FOR SOLAR ACCELERATED TRANSITION ACTION PROGRAMME IN PENINSULAR MALAYSIA

[DECEMBER 2025]

DOCUMENT CONTROL				
VERSION	**REGISTRATION NUMBER**	**REGISTRATION DATE**	**EFFECTIVE DATE**	**ISSUANCE/ AMENDMENTS**
1.	GP/ST/No. 60/2025	30 December 2025	1 January 2026	FIRST VERSION

Suruhanjaya Tenaga
Energy Commission

ELECTRICITY SUPPLY ACT 1990
[*Act 447*]

GUIDELINES FOR SOLAR ACCELERATED TRANSITION ACTION PROGRAMME IN PENINSULAR MALAYSIA

GP/ST/No.60/2025

IN exercise of the powers conferred by section 50C of the Electricity Supply Act 1990 [*Act 447*], the Commission issues the following guidelines:

Citation and commencement

1. These guidelines may be cited as the **Guidelines for Solar Accelerated Transition Action Programme in Peninsular Malaysia** ("Solar ATAP").

2. These Guidelines shall come into operation on 1 January 2026.

Purpose

3. The purposes of these Guidelines are:

   (a) to enhance the consumer solar programme by establishing a cost-neutral mechanism that enables consumers to install and operate solar photovoltaic (PV) systems for self-consumption with improved flexibility and transparency;

   (b) to allow consumers to export surplus solar energy to the grid and receive credits based on the energy component only, ensuring fair cost recovery and maintaining equity among all electricity consumers;

(c) to set out the regulatory, technical and procedural requirements to ensure safe, systematic and efficient implementation of Solar ATAP; and

(d) to support Malaysia's energy transition objectives by facilitating wider participation on clean energy through Solar ATAP, while maintaining fairness and sustainability in the electricity supply industry.

Dated: 30 December 2025

SITI SAFINAH BINTI SALLEH
Chief Executive Officer
Energy Commission

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1. APPLICATION

1.1 These Guidelines shall apply to:

(a) the Solar ATAP Consumer;

(b) the EUC that distributes and supplies electricity to the Solar ATAP Consumer;

(c) the Grid Owner; and

(d) the Implementing Agency for the Solar ATAP.

1.2 Solar ATAP is available only to any Consumer who does not have any existing solar PV installation for self consumption and who are not participating in the Net Energy Metering ("NEM") programme.

1.3 Notwithstanding paragraph 1.2, any Consumer with existing solar PV installation for self-consumption or who are participating in NEM programme may participate in the Solar ATAP programme, provided that such Consumer or participant terminates the existing contract and complies with the relevant requirements under these Guidelines.

2. INTERPRETATION

2.1 In these Guidelines, the following terms shall bear the following meanings:

"Act"	means the Electricity Supply Act 1990 [*Act 447*];
"Average SMP"	means the monthly average SMP for the daily period between 7:00 hour to 19:00 hour in the preceding calendar month;
"BESS"	means battery energy storage system coupled with solar PV system;
"Bi-directional Meter"	means the metering facility installed at the Premises of the Solar ATAP Consumer where the solar PV

	installation is installed for measuring the electricity supplied by the EUC and any excess energy exported by the Solar ATAP Consumer to the Supply System;
"Billing Period"	means the period where the electricity bills shall be prepared for the Solar ATAP Consumer by the EUC;
"CAS"	means the Connection Assessment Study, a technical analysis or system check carried out or caused to be carried by the EUC or any other party endorsed by the EUC to assess the potential impact of the proposed solar PV installation under the Solar ATAP on the planning and operation of the network of the EUC where the solar PV installation will be connected;
"CCC"	means the Connection Confirmation Check for residential Solar PV that shall be carried out to verify the declared installed capacity (kW), current rating (A), voltage level (V), and the capability of the distribution network to safely accommodate the additional generation without compromising system reliability or network safety. CCC will be conducted by EUC;
"Commencement Date"	means the start of the operation of the solar PV installation relating to the programme;
"Commission"	has the meaning assigned to it in under the Act;
"Consumer"	means an owner or occupier of a premise who is supplied with electricity by the EUC;
"Distribution System"	means an electricity system of electric lines, cables, switchgear and associated equipment at nominal voltage of less than 132kV used, worked or operated by the EUC for distribution of electricity in the areas of supply as set out in the licence;
"Domestic Group"	means a developer who is responsible for request for supply of electricity for a group of Consumers occupying a private dwelling and such dwelling is used solely for residential purposes and not as a hotel, boarding house

	or for the purpose of carrying out any form of business, trade, professional activities or services;
"Domestic Consumer"	means a Consumer occupying a private dwelling, which is not used as a hotel, boarding house or ~~used~~ for the purpose of carrying out any form of business, trade, professional activities or services;
"Energy"	means electrical energy measured in the units of kWh or MWh;
"Energy Charge"	means the energy charge component in TNB tariff which covers the actual cost of generating electricity from power plants, that includes fuel and variable operating cost;
"EUC"	means the Electricity Utility Company which is Tenaga Nasional Berhad (TNB) that holds the licence under section 9 of the Act to distribute and supply electricity;
"Grid Owner"	means any person licensed under section 9 of the Act to use, work or operate the Transmission System in Peninsular Malaysia;
"High Voltage"	has the meaning assigned to it under the Electricity Regulations 1994 [*P.U.(A) 38/94*];
"Implementing Agency"	means the Sustainable Energy Development Authority (SEDA) Malaysia, which is responsible to implement and administer the Solar ATAP programme;
"Indirect Connection"	means the connection of a solar PV Installation to a supply line indirectly through the internal distribution board of the Solar ATAP Consumer where the solar PV Installation is connected to an electrical point within the Premise of the Solar ATAP Consumer instead of the Point of Interconnection;
"installation"	has the meaning assigned to it under section 2 of the Act;

"kV"	means kilovolt or 1,000 volt;
"kW"	means kilowatt in alternating current (or a.c.) rating, ie kWac
"kWh"	means kilowatt hour;
"kWp"	means kilowatt peak. Rated kWp in relation to a PV Installation means the maximum direct current power such installation can produce under standard test conditions of 1,000 watts per square meter of solar irradiation and 25 degrees Celsius ambient temperature;
"KWTBB"	means the Renewable Energy Fund established under the Renewable Energy Act 2011 [*Act 725*];
"Low Voltage"	has the meaning assigned to it under the Electricity Regulations 1994 [*P.U.(A) 38/94*];
"MAQ"	means the Maximum Allowable Quantity of renewable energy generated and delivered by the solar PV installation to TNB's system in a Billing Period. The calculation for the MAQ is capacity (kWac) x 5 sun hour x Billing Period;
"Maximum Demand"	means twice the largest number of kilowatt-hours used during any consecutive thirty (30) minutes in a month;
"Medium Voltage"	has the meaning assigned to it under the Electricity Regulations 1994 [*P.U.(A) 38/94*];
"multi-tenant"	means multiple different Consumers occupying a single premise with individual electricity supply to the landlord and tenants respectively;
"MW"	means megawatt or 1,000 kilowatts in a.c. rating;
"MWh"	means megawatt hour or 1,000 kilowatt hour;

"MWp"	means peak d.c. power in megawatt;
"NEM programme"	means the Net Energy Metering programme;
"Non-Domestic Consumer"	means any Consumer from any category other than domestic;
"Point of Interconnection"	means the point where the electrical installation of the Solar ATAP Consumer is physically connected to the Supply System at the Premises of the Solar ATAP Consumer as follows: *(a)* for supply at Low Voltage, the point is at the cut-off fuse; *(b)* for supply at Medium Voltage, the point is at the incoming switchgear; and *(c)* for supply at High Voltage, the point is at the incoming switchgear;
"Premise"	means any building together with its land, outbuildings and any structures within the same compound occupied or used by the Solar ATAP Consumer but excluding multi-tenant properties;
"PSS"	means the Power System Study which involves the assessment pertaining to the feasibility of developer capacity generation injection to the Grid System;
"PV"	means photovoltaic;
"PV Meter"	means the meter facility installed in the Premise of the Solar ATAP Consumer to measure the Energy generated by the PV Installation, including any associated battery energy storage system;
"Single Buyer"	has the same meaning assigned to it in section 2 of the Act;

"SMP"	means the actual System Marginal Price, the price of the most expensive Marginal Generator dispatched by the System Operator to meet actual demand in a half-hour period;
"Solar ATAP"	means the Solar Accelerated Transition Action Programme;
"Solar ATAP Consumer"	means a Consumer with solar PV Installation registered under the Solar ATAP;
"Solar ATAP Contract"	means an agreement entered into between a Solar ATAP Consumer and the EUC under the Solar ATAP;
"SST"	means the Sales and Service Tax;
"Supply Line"	has the meaning assigned to it in section 2 of the Act;
"Supply System"	means the Distribution System used, worked or operated by the EUC or Transmission System used, worked or operated by the Grid Owner as the case may be;
"Transmission System"	means an electricity system of electric lines, cables, switchgear and associated equipment at nominal voltage of 132kV and above, used, worked or operated by the Grid Owner; and

2.2 Subject to paragraph 2.1 and unless expressly indicated to the contrary or unless the context otherwise requires, terms adopted and used in these Guidelines shall bear the same meaning as they are defined in the Act.

2.3 If there are any conflict between the provisions of these Guidelines and of those contained in the Act, the provisions in the Act shall prevail.

3. SOLAR ACCELERATED TRANSITION ACTION PROGRAMME ("SOLAR ATAP")

3.1 Solar ATAP is introduced as an enhancement of consumer-based solar initiatives in Peninsular Malaysia which provides a cost-neutral and transparent mechanism for Consumers to install and operate solar PV systems for self-consumption, while allowing surplus energy to be exported to the grid.

3.2 Under this Programme, the Consumers may generate electricity from a solar PV installed on their premises primarily for their own use. Any excess electricity that is not consumed on-site will be exported to the Distribution System and the Domestic Consumers shall receive bill credits based on the applicable Energy Charge for every unit of excess Energy exported, while the Non-Domestic Consumers shall receive bill credits based on the Average SMP.

3.3 This Programme allows the Consumers to install solar PV systems of up to 100% of their Maximum Demand, which provides greater flexibility to the Consumers to optimise their energy usage while ensuring that fixed charges and other non-energy components of the tariff remain unaffected.

3.4 In promoting fair participations and to safeguard system sustainability, programme incorporates a settlement mechanism based on the SMP determined under the New Enhanced Dispatch Arrangement (NEDA). For the Non-Domestic Consumers, using average SMP as the bill credits ensures that the value of exported solar energy reflects the actual avoided cost of electricity at the time of export. For the Domestic Consumers, bill credits are based on the applicable Energy Charge to maintain affordability and consistency with the regulated tariff structure.

3.5 This Programme is applicable to all categories of Consumers connected to the Distribution System and Transmission System of EUC, subject to the technical requirements and network capacity.

3.6 The mechanism under the Solar ATAP in relation to the management, valuation and crediting of excess Energy generated and exported by Solar ATAP Consumer through the Electricity Supply System are as follows:

3.6.1 Solar ATAP for Domestic and Non-Domestic Consumers:

(a) Any excess Energy produced in a month which is not consumed by the Solar ATAP Consumer may be exported via the Supply System to the EUC.

(b) The exported Energy, up to the MAQ, may be used to offset the electricity imported or consumed from the EUC within the same Billing Period. Any exported energy that remains unutilized for offset purposes in the same Billing Period shall not be carried forward to subsequent billing periods and shall be deemed forfeited.

(c) The unit price (RM/kWh) of the Energy exported in the Billing Period to the Supply System shall be based on the Average SMP, except for the Domestic Consumers, where the unit price shall be based on the applicable Energy Charge.

(d) The value of the credit cannot be used to offset the Automatic Fuel Adjustment (AFA) as stated in the tariff schedule.

3.6.2 Solar ATAP For Domestic-Group

(a) For Domestic Group which are under a new development, the developer shall submit rooftop solar PV domestic plan to EUC during initial planning stage. The submission shall include at a minimum –

(i) the total proposed solar PV capacity;

(ii) the total number of houses; and

(iii) the the proposed substation.

(b) The developer shall follow the process and requirements stipulated by the EUC when submitting all related documents to ensure full adherence to the Domestic-Group mechanism. The technical assessment study shall be conducted by the EUC to check the acceptability of the installation to be connected to the Supply System.

(c) A CAS shall be conducted during the request for supply of electricity.

3.7 The Single Buyer shall publish the Average SMP of the preceding month on its website no later than the 14th day of every month.

4. PERIOD OF OPERATION UNDER THE SOLAR ATAP

4.1 The period of operation under the Solar ATAP shall not be more than ten (10) years from the Commencement Date.

4.2 Subsequent to the end of the period of operation of Solar ATAP, the Solar ATAP Consumer may operate its solar PV installation strictly for self-consumption and in compliance with the requirements under the Guidelines for Solar Photovoltaic Installation for Self-Consumption in Peninsular Malaysia.

5. AVAILABLE CAPACITY AND PERIOD OF APPLICATION

5.1 The total capacities under the Solar ATAP shall be subjected to any decision made or capacity as determined by the Government.

5.2 The opening or cessation of the Programme shall be based on a first-come-first-served basis and subjected to any date or period determined by the Government.

6. ELIGIBILITY CRITERIA

6.1 Any person who applies for the Solar ATAP shall fulfil the following criterias:

(a) the applicant is an existing Consumer;

(b) the applicant has not participated in any other solar PV programmes, except for the following:

(i) the applicant is a participant of the Feed-in Tariff ("FiT') programme, where such participation to the FiT programme is made under the normal supply account and not the FiT account with the EUC; or

(ii) the applicant is a participant of NEM programme or a Consumer with solar PV installation for self-consumption, where such participant or Consumer terminates their current contract prior to joining ATAP;

(c) any Consumer who is also a generator such as but not limited to co-generator and back-feed, is not eligible to apply ATAP; and

(d) the applicant is not a multi-tenant Consumer.

7. TYPES OF INSTALLATIONS ALLOWED

7.1 The solar PV installation shall be of PV panels mounted on the rooftop of the buildings within the same Premise and the applicant shall provide the building drawings during the application of the Solar ATAP indicating the proposed solar PV installation

7.2 The solar PV installation may include solar carparks or covered pedestrian walkways with integrated solar panels, provided that these installations are located within the same compound of the applied Premise.

8. CAPACITY LIMIT

8.1 For Domestic Consumers, the maximum capacity of the PV Installation shall be as follows:

(a) for single phase Consumers, the maximum capacity shall be not more than 5kW; and

(b) for three phase Consumers, the maximum capacity shall be not more than 15kW.

8.2 Any Domestic Consumer who intends to install more than the above capacity as referred to in paragraph 8.1 is subjected to the CCC.

8.3 For Non-Domestic Consumers, the maximum capacity of the PV installation shall be based on the 100% Maximum Demand of the Solar ATAP Consumer and subject to the following conditions:

(a) the maximum capacity of the inverter output of the solar PV Installation shall not be more than 100% Maximum Demand of the Solar ATAP Consumer under the Solar ATAP Contract;

(b) the Maximum Demand of the Solar ATAP Consumer is based on:

(i) the average of the recorded Maximum Demand of the past twelve (12) months; or

(ii) the declared Maximum Demand for the Solar ATAP Consumer with less than twelve (12) months record.

8.4 Notwithstanding paragraph 8.3, the maximum capacity shall adhere to the limitation of the EUC's network based on the assessment studies approved by EUC.

8.5 The capacity of a Solar ATAP installation under the Non-domestic category referred to in paragraph 8.3 and 8.4 shall not exceed one thousand kilowatts (1,000kW).

9. POINT OF INTERCONNECTION OF THE SOLAR PV INSTALLATION

9.1 The solar PV installation shall be connected at a point at the Solar ATAP Consumer's Installation before the Bi-directional Meter of the EUC, or commonly known as behind the meter connection or Indirect Connection.

9.2 The connection between the Solar ATAP Consumer's solar PV Installation and the Supply System is as illustrated in **Figure 1** below:

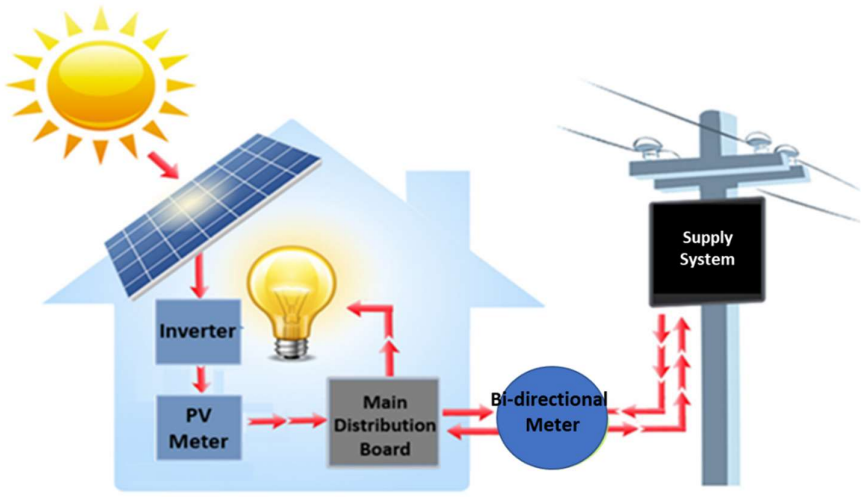

Figure 1: The connection of a solar PV installation to the Consumer's electrical installation

10. TECHNICAL ASSESSMENT STUDY

10.1 The technical assessment study is a pre-requisite for the approval of application to the Solar ATAP and is required to be conducted prior to the approval of the application.

10.2 Technical assessment study is a technical analysis or system check consisting of the following assesment based on the respective voltage levels as per in Table 10.1 below:

(a) CCC;
(b) CAS; and
(c) PSS.

10.3 The technical assessment study for Solar ATAP is described as follows in Table 10.1:-

Table 10.1: Technical Asessment Study

Voltage Level	**LV (1ph)**	**LV (3ph)**	**LV (1ph)**	**LV (3ph)**	**LV (3ph)**	**MV**	**MV**	**HV**
Capacity per account	≤5kW	≤15kW	>5kW	>15kW	>72kW	<425kW	>425kW	>425kW
Domestic- ≤ 72kW	No Study		Require Connection Confirmation Check (CCC)					
Domestic-Group (New Development with solar rooftop)	Require Connection Assessment Study (CAS) for total aggregated > 72kW							
Domestic & Non-domestic					Require Connection Assessment Study (CAS)	Require Connection Assessment Study (CAS)	Require Connection Assessment Study (CAS) including Fault Current Analysis	Require Power System Study (PSS) and validation process of the PSS

10.4 A CCC for residential Solar PV shall be carried out by the EUC to verify the declared installed capacity (kW), current rating (A), voltage level (V), and the capability of the distribution network to safely accommodate the additional generation without compromising system reliability or network safety.

10.5 The CCC for Low Voltage Domestic application with capacity below 72kW shall be conducted by the EUC.

10.6 A CAS is required for all applications with solar PV installation with capacity exceeding 72kW for Non-Domestic Consumers and Domestic Group in order to check the acceptability of the installation to be connected to the Supply System, and the cost to conduct the CAS shall be the responsibility of the applicant.

10.7 The technical assessment study is a pre-requisite for the approval of application to the Solar ATAP and is required to be conducted prior to the approval of the application.

10.8 The scope of the CAS shall include, but not limited to, the following:

(a) the general description and assessment of the Supply System connected to the applicant's Premises such as the type of substation, capacity, voltage and current rating and fault withstand capability of the transformers and switchgear, current carrying capacity and short circuit current rating of the cables supplying electricity to the Premises;

(b) the fault level at the Point of Interconnection before and after connection of the solar PV installation;

(c) the peak and off-peak load flow analysis of current and voltage of the transformers and cables supplying electricity to the applicant's Premises in a typical day, before and after connection of solar PV installation; and

(d) any other issues which may have impact on the Supply System such as reactive power, power quality and other matters affecting the security, reliability and quality of supply.

10.9 The CAS for Low Voltage and Medium Voltage may be conducted or caused to be conducted by the EUC or any party endorsed by the EUC.

10.10 The PSS for High Voltage shall be conducted by any person endorsed by the Grid Owner.

10.11 The EUC and Grid Owner shall provide the relevant data of the Supply System to the party appointed by the applicant to conduct the study subject to execution of a Non-Disclosure Agreement between the party that will carry the study and the EUC or the Grid Owner.

10.12 If the result of the technical assessment study demonstrates the need for any modification to the Supply System for the connection of the solar PV Installation, it ~~is~~ shall be the responsibility of the applicant to bear all costs of such modification works by the EUC or Grid Owner.

10.13 The result of the technical assessment study is valid for one (1) year from the date of approval of the study. Upon the expiry, the study shall only be revalidated once by the EUC and subject to the approval of EUC, for a period not exceeding one (1) year from

the date of the expiry or otherwise redone to ensure it reflects the current system condition.

10.14 The fees for study for installation at Low Voltage and Medium Voltage shall not be more than the amount as shown in Table 10.2 and 10.3, while the fees for study for installation at High Voltage shall be based on the charges by the consultant.

Table 10.2: Standard Connection Confirmation Check (CCC)-Domestic

Installed Capacity	CCC Required	CCC Fee (RM)
>5 kW for single phase	Yes	1,000.00
>15 kW for three phase	Yes	1,000.00

Table 10.3: Connection Assessment Study (CAS)- Non-Domestic & Domestic Group

Installed Capacity	CAS Required	Fee of Study (RM)
1-72 kW	No	-
>72kW - 180kW	Yes	1,000.00
>180kW - 425kW	Yes	5,000.00
>425kW - 1MW	Yes	8,000.00

10.15 For solar PV installations with capacity of up to 72kW, the applicant shall be fully responsible to ensure that the export power at any time shall be less than the existing capacity of the EUC's equipment and Supply Line connected to the applicant's Premises.

10.16 The fees for PSS validation process at High Voltage are as shown in Table 10.4, which the applicant will be charged, upon study completion by the consultant until the applicant acquired the approval of the PSS by the Grid Owner.

Table 10.4: Fees for PSS Validation Process

Installed Capacity (kW)	PSS Required	Fees for PSS Validation Process
>425kW	Yes	RM15,000

11. TECHNICAL REQUIREMENTS

11.1 The equipment, the design of the solar PV installation, the installation works, the testing, and commissioning and the operation and maintenance of the solar PV installation shall be in accordance with the relevant provisions under the Act and any relevant requirements under the subsidiary legislations made under it any other authorities having jurisdiction over the installation works and operation of the solar PV installation.

11.2 The applicant shall refer to technical and any other documents relating to the Solar ATAP published by the EUC and Grid Owner for relevant technical requirements and specifications of design, equipment, Installation works, testing, commissioning and operation of the solar PV installation and the interconnection facility.

11.3 If there is any inconsistency between any requirement under these Guidelines with any requirement in the technical documents, the requirements under these Guidelines shall prevail.

11.4 Any High Voltage, Medium Voltage or Low Voltage connections shall comply to the relevant requirements under the Grid Code of Peninsular Malaysia and the Distribution Code for Peninsular Malaysia, whichever is applicable.

11.5 The design, calculation, drawings, installation, testing and commissioning of the solar PV installation and the interconnection to the Supply System shall be certified by a Competent Person as required under the relevant laws as follows:

(a) the Act and its subsidiary legislations in relation to the electrical works; and

(b) the Registration of Engineers Act 1967 and the Architects Act 1967 in relation to the structure of mounting the PV panels.

11.6 The EUC and Grid Owner shall have the right to disconnect the supply at the Point of Interconnection in the event of any danger or risk to the safety, reliability or security to the Supply System or the Solar ATAP Consumer's Installation, provided that:

(a) the solar PV installation shall be reconnected to the Supply System as soon as possible if such danger or risk has ceased or has been alleviated; and

(b) no supply to the Premises of the Solar ATAP Consumer shall be disconnected unless under circumstances provided for under the Act and its subsidiary legislations.

11.7 BESS may be incorporated as part of the Solar PV installation and its installation shall be in accordance with the Act and the subsidiary legislations made under it or any other documents issued by the relevant authorities in relation to BESS.

11.8 The Solar ATAP Consumer shall be responsible for the safe operation and maintenance of the electrical installation and the solar PV installation in its Premises up to the Point of Interconnection.

11.9 The Supply Line and equipment beyond the Point of Interconnection and the metering facilities for measurement of Energy supplied by and exported to the Supply System shall be the responsibility of the EUC or Grid Owner.

11.10 The EUC is responsible for ensuring seamless integration of the solar PV by maintaining local supply balance, deploying Voltage Regulating Distribution Transformers (VRDTs) and community energy storage systems, upgrading distribution infrastructure, and implementing smart community infrastructure for real-time monitoring and reliable power supply.

11.11 Subject to the findings of the technical assessment study, the applicant shall allocate the necessary land area to accommodate the community energy storage system that shall be installed by the EUC.

12. METER INSTALLATION, TESTING AND COMMISSIONING

12.1 The Bi-directional Meter shall be able to measure and record the electricity supplied by the EUC to the Solar ATAP Consumer and the Energy exported by the Solar ATAP Consumer to the Supply System. The Bi-directional Meter shall be supplied and installed by the EUC.

12.2 The PV Meter for measuring the Energy produced by the solar PV installation shall be installed and maintained by the Solar ATAP Consumer.

12.3 All costs and expenses relating to the procurement, installation, testing, energizing and commissioning of the solar PV system, bi-directional meter and PV meter together with the replacement or any future modification caused by the Consumer to the solar PV system, bi-directional meter and PV meter shall be borne solely by the Consumer.

12.4 The reading of the Bi-directional Meter and the PV Meter shall be *prima facie* evidence of the amount of electricity supplied by the EUC, the Energy produced by the solar PV installation and any Energy exported to the Supply System. The meter reading taken by the EUC or Grid Owner shall form the basis of any commercial settlement as provided for under the Act and its subsidiary legislations.

12.5 The installation, usage, reading, checking, testing, recovery of charges and any other matters relating to the metering and billing arrangement shall be in accordance with the Act and its subsidiary legislations.

12.6 The testing and commissioning and certification of completion of the solar PV installation shall be performed by Competent Person, Electrical Contractor or Electrical Services Contractor, as the case may be, and shall be in accordance with the Act and its subsidiary legislations.

12.7 A copy of the testing and commissioning report and certificate of completion of the solar PV installation duly signed by the applicant and the Competent Person, Electrical Contractor or Electrical Services Contractor, as the case may be, shall be submitted by the Applicant to the EUC or Grid Owner.

12.8 The EUC or Grid Owner shall arrange for the installation of the Bi-Directional Meter, accessories and metering equipment, if required.

12.9 The applicant shall send a copy of the ATAP commencement notification with the information of the Commencement Date to the Implementing Agency upon successful commissioning.

12.10 The Solar ATAP Contract is deemed to commence on the installation of the meter by the EUC.

13. MATTERS ON PRICING AND TARIFF

13.1 Under the Solar ATAP, the credit to the Solar ATAP Consumer shall be based on the Energy Charge for the Domestic Consumers and the Average SMP for the Non-Domestic Consumers.

13.2 The calculation for net offset amount of Energy shall be based on the following calculation as stated in the tariff category of the EUC:

Net Energy charge (RM) = (Energy imported from Supply System x prevailing gazetted Energy rate) – (Energy export to Supply System x Energy Charge or Average SMP)*

**the Energy imported is subjected to SST, KWTBB, Automatic Fuel Adjustment (AFA), where applicable. This includes Incentive and Rebate such as the Energy Efficiency Incentive (EEI), off tariff rebate, etc. which will be adjusted based on exported energy used to offset the electricity imported or consumed from EUC, if any.*

14. ENERGY ACCOUNTING AND SETTLEMENT

14.1 The procedures for the Energy accounting and settlement for Solar ATAP Consumer are as follows:

(a) For each Billing Period, the EUC shall maintain a record of the quantum of Energy exported by the solar PV installation in the Billing Period, quantum of Energy supplied by the EUC in the Billing Period and net bill amount;

(b) If the Energy exported in any Billing Period exceeds the MAQ but below the electricity consumed from the EUC during the Billing Period, such export energy shall be limited at MAQ;

(c) If the Energy exported in any Billing Period is still within the MAQ but below the electricity consumed from the EUC, such export energy shall be limited at the electricity consumed from the EUC;

(d) If the Energy exported exceeds the electricity consumed from the EUC or the MAQ, whichever is lower, during the Billing Period, such excess of the exported energy shall be forfeited;

(e) If the net bill amount is in negative value, it shall be adjusted to zero and does not involve any cash transaction.

14.2 The EUC shall provide the following details with the electricity bill for each Billing Period:

(a) the quantum of Energy exported to the Supply System by the solar PV installation;

(b) the quantum of Energy supplied by the EUC to the Solar ATAP Consumer;

(c) the quantum of net Energy exported by the Solar ATAP Consumer to the EUC, to be used to offset the bill payment for the same Billing Period.

15. PROCEDURE FOR APPLICATION

15.1 The applicant shall submit to the Implementing Agency such forms and documents as may be required by the Implementing Agency to participate in the Solar ATAP.

15.2 The applicant shall complete the Solar ATAP application within three months from the date of submission. Failure to comply with this requirement may result in the application being rejected by the Implementing Agency.

15.3 An application fee shall be imposed for each Solar ATAP application at the rate of RM7.50 per kW and shall be paid together with the application on the advice of the Implementing Agency. All fees paid are non-refundable, irrespective of whether the application is approved or rejected.

15.4 In the event that an applicant requests to update a submitted Solar ATAP application, the following processing fees shall apply:

NO	TYPE OF FEE	AMOUNT OF FEE (RM)
1.	Amendment to Solar ATAP application with installed capacity up to and including 72kW	RM7.50
2.	Amendment to Solar ATAP application with installed capacity exceeding 72kW	RM75.00
3.	Amendment involving an increase in installed capacity	Capacity difference (kW) x RM7.50/kW

15.5 The Implementing Agency shall notify the result of the application to the applicant, no later than two (2) months after submission of the application.

15.6 The Implementing Agency shall publish these Guidelines and shall provide an online system for the submission of applications under the Solar ATAP.

15.7 The Implementing Agency shall make copies of the application procedures and the application form to be provided to any applicant for the Solar ATAP. The details of the application procedures and the application form are attached in **Appendix 1** of these Guidelines.

15.8 Upon receiving the notification of approval from the Implementing Agency, the applicant shall commence the operation of the solar PV system within eighteen (18) months from the date of such notification, failing which, the approval of the application shall be cancelled and any fee paid shall not be refunded.

15.9 The EUC shall inform the Implementing Agency the result of the CCC and CAS within thirty (30) days of its receipt of study report.

16. INFORMATION TO BE PROVIDED BY IMPLEMENTING AGENCY

16.1 The Implementing Agency shall make available on its website the application form that the applicant needs to complete as well as all information of the documents which are required from the applicant in order to apply for the Solar ATAP.

16.2 The Implementing Agency shall publish on its website information on the capacity approved and capacity in process of approval. Such information shall be updated on a monthly basis by the Implementing Agency on its website.

16.3 The Implementing Agency shall submit to the Commission quarterly reports by the first week of January, April, July and October with details of the applications and Solar ATAP Consumer, which shall include but not limited to, the following:

(a) the total number of Solar ATAP Consumer in operation and cumulative capacity in operation in the year up to the previous month;

(b) the number of applications and total capacity applied for, approved and commissioned in the previous month and total number in the year;

(c) the number and details of applications rejected and reasons for rejection; and

(d) any other information as may be requested by the Commission from time to time.

17. SOLAR ATAP CONTRACT

17.1 The Solar ATAP Consumer shall enter into a Solar ATAP Contract with the EUC before the Commencement Date.

17.2 In the event the Solar ATAP Contract is not executed before the Commencement Date, the approval given to the Solar ATAP Consumer under paragraph 15.5 of these Guidelines shall be automatically cancelled.

17.3 Any increase in the existing capacity of solar PV installation under the Solar ATAP shall not be amounted to an extension to the period of existing contract.

17.4 The Consumers of NEM programme may convert to the Solar ATAP by terminating the current contract with the EUC and sign the Solar ATAP Contract. Upon entering the Solar ATAP, the period of Solar ATAP Contract shall be based on the remaining contract period from the previous contract of NEM programme.

18. CHANGE OF OWNERSHIP AND CHANGE OF PREMISE

18.1 In the event the Solar ATAP Consumer has sold the Premise registered under the Programme, the new owner of the Premises may apply to the Implementing Agency to continue with the programme for the residual duration of the period of operation mentioned in paragraph 4 of these Guidelines.

18.2 The programme shall only be continued with the execution of a new Solar ATAP Contract between the EUC and the new owner.

18.3 In the event the existing Solar ATAP Consumer has relocated to a new premise, such existing Solar ATAP Consumer may apply to the Implementing Agency to continue with the programme at the new premise for the residual duration of the period of operation as stated in paragraph 4 of these Guidelines.

18.4 The programme shall only be continued with the execution of a new Solar ATAP Contract between the EUC and the Solar ATAP Consumer referred to in paragraph 18.3 who is registered under the programme.

19. LICENSING REQUIREMENT

19.1 The applicant are to note and comply to the licensing requirements stipulated under the Act and its subsidiary legislations.

19.2 The applicant shall ensure that, at the time of submitting the licence application under the Solar ATAP, the technical assessment study approved by the EUC remains valid in accordance with Clause 10.12. If the study has expired, the applicant shall first obtain a revalidated or new technical assessment study approved by the EUC before submitting the licence application.

20. ENVIRONMENTAL ATTRIBUTES

The value of any credits or financial benefits which are available or may become available for reductions of greenhouse gas emission earned from the generation of solar PV Energy by solar PV installation shall be solely for the benefit of the Solar ATAP Consumer.

21. LIABILITIES

The Commission shall not be responsible for any liability in the event of any dispute or problem occurred in the implementation of the Solar ATAP.

APPENDIX 1

Solar ATAP Application Workflow (Category: Domestic)

Registered Consumer

Solar ATAP Applicant Checklist

1. Check Solar ATAP eligibility

☑ TNB registered consumer
☑ TNB consumers who are not under multi-tenanted scheme

2. Check Solar ATAP Tariff Category

☑ Domestic

Note: Please refer TNB Tariff category (LV, MV)

3. Know Your Solar PV capacity limit

- For Single Phase System :
  up to 5kW;
  if > 5kW, Connection Confirmtion Check (CCC) approval by TNB is required
- For Three Phase System :
  up to 15 kW;
  if > 15kW, Connection Confirmtion Check (CCC) approval by TNB is required

Appoint Registered PV Service Provider (RPVSP)

Go to www.seda.gov.my => Directory => Registered PV Service Providers.

Registered PV Service Provider (RPVSP)

Prior to Solar ATAP application;

- Connection Confirmation Check (CCC) approval for > 5kW for single phase or > 15kW for three phase

- **> 5kW** for Single Phase or
- **> 15kW** for Three Phase

Yes

No

Prepare all information & documents required

Information:

- Applicant's Profile
- Information of project
- Technical information
- Proposed work plan

Documents:

- Document of registration/ incorporation proofing ownership of the company (MyKad/Passport/SSM Report)
- Single Line Diagram (SLD) endorsed by Competent Person and Qualified Person
- Latest electricity bill
- Endorsed C&S Drawing for Solar PV Installation
- CCC report and approval for required capacity (mandatory prerequisite)

Submit Solar ATAP application through eATAP (online)

*Fee Payment RM7.5/kW (within 7 days) Failing which eATAP system will reject the application

Distribution Licensee

Supply	Installed Capacity (kW)	Fees for Study
Single Phase	> 5 kW	RM 1,000.00
Three Phase	> 15 kW	RM 1,000.00

CCC Report and Approval

No

Yes

SEDA Malaysia

Solar ATAP application verification

Complete Application

No

Application will be allowed for update / rejected

Yes

Solar ATAP Approval

No

Yes

Issue *e*-Certificate

10 Days

After Solar ATAP Approval

Suruhanjaya Tenaga

{Within 3 months for processing and approval}

ST Public Generation License

- ☑ Single phase - > 24kWac
- ☑ Three phase - > 72kWac
- ☑ Notification on Exemption Under Section 54, for person exempted from the licensing requirement (28 days from approval)

Registered PV Service Provider RPVSP)

Start Installation

Testing & Commissioning (T&C)

Request for Bi-directional meter and submit Solar ATAP Contract

Distribution Licensee

Solar ATAP Contract signing

Check/change existing meter to Bi-directional meter

Solar ATAP billing

TNB Commercial Operation Date (COD)

SEDA Malaysia

Issue *e*-Certificate

Commercial Operation Date (COD) Verified in eATAP system

18 months

Note: The Solar ATAP program is effective from 1st January 2026,

Solar ATAP Application Workflow (Category: Non-Domestic)

Registered Consumer

Solar ATAP Applicant Checklist

1. Check Solar ATAP eligibility
☑ TNB registered consumer
☑ TNB consumers who are not under multi-tenanted scheme

2. Check Solar ATAP Tariff Category
☑ Non-Domestic

Note: Please refer TNB Tariff category (LV, MV, HV)

3. Know Your Solar PV capacity limit
- For all voltage level (LV/MV/HV):
  ≤ 100% of maximum demand or ≤ 1MW (whichever lower)

Appoint Registered PV Service Provider (RPVSP)
Go to www.seda.gov.my => Directory => Registered PV Service Providers.

Registered PV Service Provider (RPVSP)

Prior to Solar ATAP application;

Connection Assessment Study (CAS) for > 72kW or Power System Study (PSS) for HV

Distribution Licensee

Type of Technical Assessment	Installed Capacity	Fee per Technical Feasibility Study
N/A	1 kW – 72 kW	-
Connection Assessment Study (CAS)	> 72 kW – 180 kW	RM 1,000.00
	> 180 kW – 425 kW	RM 5,000.00
	> 425 kW – 1MW	RM 8,000.00
Power System Study (PSS)	HV Connection	RM 15,000.00

SEDA Malaysia

Check Installed Capacity

> 72 kW

CAS Approval
- Installation at LV & MV
or
PSS Approval
- Installation at HV

No

Yes

≤ 72 kW

Prepare all information & documents required

Information:
- Applicant's Profile
- Information of project
- Technical information
- Proposed work plan

Documents:
- Document of registration/incorporation proofing ownership of the company (MyKad/Passport/SSM Report)
- Single Line Diagram (SLD) endorsed by Competent Person and Qualified Person
- Latest electricity bilL
- Endorsed C&S Drawing for Solar PV Installation
- CAS approval for >72kW or PSS approval for HV (mandatory prerequisite)

Submit Solar ATAP application through eATAP (online)

*Fee Payment RM7.5/kW (within 7 days) Failing which eATAP system will reject the application

Solar ATAP application verification

Capacity ≤72kW

No

Yes

Check on TNB's customer billing status:
- No multi-tenant issue
- Capacity limit based on maximum demand

Obtained approval from TNB's

No

Yes

Complete Application

No

Yes

Application will be allowed for update / rejected

Solar ATAP Approval

No

Issue *e*-Certificate

10 Days

After Solar ATAP Approval

Suruhanjaya Tenaga

Registered PV Service Provider RPVSP)

Distribution Licensee

SEDA Malaysia

Issue *e*-Certificate

Start Installation

Testing & Commissioning (T&C)

Request for Bi-directional meter and submit Solar ATAP Contract

ST Public Generation License
☑ Single phase - > 24kWac
☑ Three phase - > 72kWac
☑ Notification on Exemption Under Section 54, for person exempted from the licensing requirement (28 days from approval)

{Within 3 months for processing and approval}

Solar ATAP Contract signing

Check/change existing meter to Bi-directional meter

Solar ATAP billing

TNB Commercial Operation Date (COD)

Commercial Operation Date (COD) Verified in eATAP system

18 months

Note: The Solar ATAP program is effective from 1st January 2026.

BORANG PERMOHONAN *SOLAR ACCELERATED TRANSITION ACTION PROGRAMME (ATAP)*
SOLAR ACCELERATED TRANSITION ACTION PROGRAMME (ATAP) APPLICATION FORM

Sila kemukakan borang permohonan anda ke /
Please submit your application form to:
Sustainable Energy Development Authority Malaysia
Level 6, Cyberview 23A,
Persiaran APEC, Cyber 6,
63000 Cyberjaya, Selangor Darul Ehsan

Untuk kegunaan pejabat sahaja /
For office use only:

Reference No.	: ……
Serial No.	: ……
Date Received	: ……/……/……
Time received	: ……
Receiving Officer	: ……

Kategori tarif / *Tariff category* : ☐ **Domestik / *Domestic***
☐ **Bukan Domestik / *Non - Domestic***

BAHAGIAN 1 : MAKLUMAT PEMOHON / *SECTION 1 : APPLICANT INFORMATION*
(BORANG INI HENDAKLAH DIISI DENGAN HURUF BESAR) / *(THIS FORM TO BE COMPLETED IN CAPITAL LETTERS):*

1A UNTUK PEMOHON INDIVIDU / *FOR INDIVIDUAL APPLICANT*

BUTIRAN PEMOHON / *APPLICANT DETAIL*

Gelaran/Salutation (Encik/Puan/Cik/Gelaran Lain_____)
(Mr./Mrs./Miss/Other Salutation)

No. Mykad: ☐☐☐☐☐☐☐☐-☐☐-☐☐☐☐
Identity Card No. **atau / *or***

Nama / *Name*

No. Pasport (bagi bukan warganegara Malaysia) /
Passport No. (For non-Malaysian)

Kewarganegaraan / *Citizenship* :

No. Tel / *Tel. No.:*

Alamat/ *Address* :

No. Tel. Bimbit / *Mobile No.* :

E-mel / *E-mail:*

ORANG LAIN YANG BOLEH DIHUBUNGI / *ALTERNATE CONTACT PERSON*

Gelaran/Salutation (Encik/Puan/Cik/Gelaran Lain_____)
(Mr./Mrs./Miss/Other Salutation)

No. Mykad: ☐☐☐☐☐☐☐☐-☐☐-☐☐☐☐
Identity Card No. **atau / *or***

Nama / *Name*

No. Pasport (bagi bukan warganegara Malaysia) /
Passport No. (For non-Malaysian)

Hubungan / *Relationship:*

No. Tel / *Tel. No.:*

Kewarganegaraan / *Citizenship*

No. Tel. Bimbit / *Mobile No.* :

E-mel / *E-mail:*

1B UNTUK PEMOHON BUKAN INDIVIDU (jika berkenaan)/ *FOR NON INDIVIDUAL APPLICANT (if applicable)*

BUTIRAN PEMOHON / *APPLICANT DETAIL*

Nama Syarikat/ Perniagaan/ Organisasi/ Agensi Kerajaan/ *Company/ Business/ Organization* / Government Agency

No. Pendaftaran Syarikat/ Organisasi/ *Registration no. for Company / Organization*

Tarikh ditubuhkan / *Date of incorporation* : ☐☐ - ☐☐ - ☐☐☐☐

Alamat Berdaftar / *Registered Address* :

Poskod / *Post Code* ☐☐☐☐☐ Bandar / *Town* Negeri / *State*

Alamat Perniagaan/ Surat-Menyurat (jika berlainan) / Business/ Mailing *Address (if different)* :

Poskod / *Post Code* ☐☐☐☐☐ Bandar / *Town* Negeri / *State*

No. Tel (P) / *Tel (O) No.* ☐☐☐-☐☐☐☐☐☐☐ No. Faks (P) / *Fax No. (O)* ☐☐☐-☐☐☐☐☐☐☐

E-mel / *E-mail* Laman Web / *Website*

ORANG YANG BOLEH DIHUBUNGI / *CONTACT PERSON*

Gelaran/*Salutation* (Encik/Puan/Cik/Gelaran Lain_____)
(Mr./Mrs./Miss/Other Salutation)

No. Mykad: | | | | | | | | - | | | - | | | | |
Identity Card No. **atau / *or***

Nama / *Name*

No. Pasport (bagi bukan warganegara Malaysia) /
Passport No. (For non-Malaysian)

Jawatan / *Position* :

No. Tel / *Tel. No.:* -

Kewarganegaraan / *Citizenship*

No. Tel. Bimbit / *Mobile No.* : -

E-mel / *E-mail:*

BAHAGIAN 2 : MAKLUMAT PROJEK / SECTION 2 : *PROJECT INFORMATION*

2.1. ALAMAT PEPASANGAN/ *INSTALLATION ADDRESS*

Alamat Tapak Pepasangan */ Site Installation address*

Poskod / *Post Code* | | | | | | | Bandar / *Town* Negeri / *State*

Pemilikan Tapak / *: Site Ownership*
☐ Dimiliki Sepenuhnya/ *Fully Owned*
☐ Sendiri (Pajakan kepada bank)/ *Owned (Charged to bank)*
☐ Sewa/ *Leased*
☐ Dimiliki oleh ahli keluarga terdekat/ *Owned by immediate family members*

Lokasi GPS Tapak Pepasangan / *GPS Location of Site Installation:*

Latitud / *Latitude* : ° ' " Longitud / *Longitude* : ° ' "

2.2 MAKLUMAT PEPASANGAN / *INFORMATION OF INSTALLATION*

Nama Pemegang Lesen Pengagihan / *Distribution Licensee:*	**TENAGA NASIONAL BERHAD (TNB)**
Maklumat Bil (No. Akaun) / *Billing Information (Account No.)* :	
Tahap Voltan / *Voltage Level*	
Tarif TNB / *TNB Tariff*	
Premis digunakan sebagai / *The premises serves as* :	
Sumber Tenaga Boleh Baharu / *Renewable Energy Resources:*	**SOLAR PV**
Kapasiti Terpasang / *Installed Capacity* :	kWac
Kapasiti Terpasang / *Installed Capacity* :	kWp

2.3 MAKLUMAT PEMBEKALAN DAN PEPASANGAN / *SUPPLY AND INSTALLATION INFORMATION*

Tahap Voltan Pada Titik Sambungan Meter TNB : */ Voltage level at TNB Meter Connection Point* :
☐ **Voltan Rendah** (Satu Fasa) */ **Low Voltage** (Single Phase)*
☐ **Voltan Renda**h (Tiga Fasa) */ **Low Voltage** (Three Phase)*
☐ **Voltan Sederhana** / ***Medium Voltage***
☐ **Voltan Tinggi** / ***High Voltage***

Voltan pada Titik Gandingan Sepunya / *Voltage at Point of Common Coupling :* Voltan / *Voltage*

Purata tahunan bekalan maksima/ *Annual Average Maximum Demand* : kW/ kVA

Bagi pengguna Bukan Domestik, kapasiti yang dipohon adalah ≤100% Bekalan Maksimum (MD) dan tertakluk kepada syarat-syarat berikut/ *For Non-Domestic consumer, capacity applied ≤ 100% MD and subject to the following conditions:*

☐ Pengguna sedia ada, berdasarkan purata MD untuk tempoh 12 bulan (sila sertakan rekod MD bagi tempoh 12 bulan)/ *Existing consumers, based on the average MD for a 12-month period (please attach the MD records for the 12-month period)*

☐ Pengguna baharu, berdasarkan MD yang diisytiharkan (sila sertakan *TNB Welcome Letter)/ New consumers, based on the declared MD (please attach the TNB Welcome).*

Status Projek / *Project Status:*
☐ Projek Baru / *New Project*
☐ Penambahan Kapasiti / I*ncrease Capacity*
☐ Projek Telah Siap / *Completed Project*
☐ *Domestic Group*

Jenis Bangunan / *Types of Building:*
Contoh: Pejabat/ Kilang/ Gudang/ Lain-lain / *Example: Office/ Factory/ Warehouse/ Others*

Jenis Pemasangan / *Installation Type:*

Penggunaan Bateri Simpanan / *Use of Battery Storage* : ☐ Ya / *Yes* ☐ Tidak / *No*

*Jika **Ya**, sila kemukakan reka bentuk terperinci / *If Yes, please provide detail design.*

Kapasiti Bateri / *Battery Capacity* : Jenama dan Model / *Brand and Model:*

Anggaran Penjanaan Tenaga Tahunan */ Estimated Annual Energy Generation:* *MWh/year*

Anggaran Kemerosotan Pepasangan */ Expected Plant Deterioration:* *%/year*

2.4 MAKLUMAT TEKNIKAL / *TECHNICAL INFORMATION:*

Peralatan / *Equipments*	**Jenama / *Brand***	**Model**	**Kuantiti / *Quantity***	**Kapasiti setiap unit/ *Capacity each unit***
a) PV Modul/ *Module* *Jenis / Type (monocrystalline/ polycrystalline/ thin film/others)*				
b) Penyongsang pintar / *Smart Inverter*				
c) *Datalogger (Optional)* **For capacity more than 72kWac will be required for T&C purpose*				N/A

2.5 PENYEDIA PERKHIDMATAN FOTOVOLTA SURIA BERDAFTAR SEDA MALAYSIA / *SEDA MALAYSIA REGISTERED PV SERVICE PROVIDER (RPVSP)*

Nama Syarikat / *Company's Name:*

No. Pendaftaran Syarikat/ No. Pendaftaran Perniagaan:
Company Registration No. / Business Registration No.

Syarikat RPVSP berdaftar SEDA M'sia / *SEDA M'sia's RPVSP company* ☐ Ya / *Yes* ☐ Tidak / *No*

Jika Ya, No. Sijil Pendaftaran / *If yes, Certificate Registration No.*

Kontraktor Elektrik Berdaftar ST / *ST's Registered Electrical Contractor* ☐ Ya / *Yes* ☐ Tidak / *No*

Jika Ya, No. Sijil Pendaftaran / *If yes, Certificate Registration No.*

Alamat Pejabat / Office *Address* :

Poskod / *Post Code* Bandar / *Town* Negeri / *State*

No. Telefon/*Telephone No.* - No. Faks / F*ax No.* -

E-mel Syarikat / *Company E-mail* :

Orang Yang Boleh Dihubungi / *Contact Person* :

Jawatan / *Position* :

No. Tel. Bimbit / *Mobile No.* : -

E-mel / *E-mail:*

2.6 PENDAWAI (≤72kWac) ATAU JURUTERA PROFESSIONAL (>72kWac) / *WIREMAN (≤72kWac) OR PROFESSIONAL ENGINEER (>72kWac)*

Nama / *Name*

No. Mykad: - -
Identity Card No.

No. Tel. Bimbit / *Mobile No:*

Nama Syarikat / *Company's Name*

E-mel / *E-mail*

No. Sijil Pendaftaran ST / *ST's Certificate Registration No.*

BAHAGIAN 3 : MAKLUMAT PEMBIAYAAN / *SECTION 3 : FINANCING INFORMATION*

Capital Expenditure

1. *Equipment Cost:*

i.	*PV module*	RM
ii.	*PV Inverter*	RM
iii.	*Balance of system*	RM
iv.	*Other Equipment cost (please state):*	RM
	Total Equipment Cost	**RM**

2. *Installation Cost*

i.	*Consultancy and Design Cost*	RM
ii.	*Interconnection Cost*	RM
iii.	*Preliminary Cost*	RM
iv.	*Other Installation Cost (please state):*	RM
	Total Installation Cost	**RM**

3. *Annual Operational Expenditure*

i.	*Insurance Premium*	RM
ii.	*Operation and Maintenance Cost*	RM
iii.	*Other operation Cost (Please state):*	RM
	Total Operating Cost	**RM**

Financial Model, please tick (/) whichever applicable :

a. *Outright/Direct Purchase* ☐
b. *Bank Loan* ☐
c. *Solar Leasing/Hire Purchase* ☐
d. *Solar Power Purchase Agreement (PPA)* ☐
e. *Hybrid of Solar Leasing and Solar PPA* ☐

*For" **Solar Leasing/Hire Purchase or Solar Power Purchase Agreement (PPA) or Hybrid of Solar Leasing and Solar PPA** " system, please provide the information below:*

i. *Registered Solar PV Investor:* _____

Contract Period: _____ *Year*

Repayment Method: i. *Repayment Amount (RM/kWh)* _____

ii. *Repayment Amount (RM/month)* _____

BAHAGIAN 4 : JADUAL KERJA YANG DICADANGKAN / *SECTION 4 : PROPOSED WORK PLAN*

No.	Pencapaian / *Milestones*	Anggaran Tarikh Akhir / *Estimated Due Date*
1	Tarikh Permohonan Solar ATAP dikemukakan / *Solar ATAP application submission date*	
2	Permohonan Lesen Penjanaan daripada Suruhanjaya Tenaga (ST) / *Application Generating Licence from Suruhanjaya Tenaga (ST)* *Bagi permohonan berkapasiti melebihi 24kW (satu fasa) atau melebihi 72kW (tiga fasa) sahaja / *For application with capacity more than 24kW (single phase) or more than 72kW (three phase)*	
3	Tarikh cadangan T&C bersama Pemegang Lesen Pengagihan bagi penukaran/menaiktaraf meter utiliti [jika perlu] / *T&C Proposal Date with Distribution Licensee for Changing/Upgrade Utility Meter [if required]*	
4	Tarikh Pentauliahan Solar ATAP (Cadangan tarikh menandatangani kontrak Solar ATAP) / *Solar ATAP Commencement Date (Proposed date for signing of Solar ATAP contract)*	

BAHAGIAN 5 : SENARAI SEMAK DOKUMEN SOKONGAN / *SECTION 5 : SUPPORTING DOCUMENTS CHECKLIST*

Salinan bagi dokumen-dokumen berikut hendaklah dikemukakan bagi menyokong permohonan ini, yang mana berkenaan/
The following documents are to be submitted in support of this application, where applicable:

No.	Dokumen Yang Diperlukan / *Documents Required*	Sila [/] / *Please [/]*
1.0	*Applicant Information:*	
1.1	***Individual*** Applicant's MyKad (front and back) / Passport (if foreign person).	
1.2	***Company / Business/ Organization (if applicable)*** Where applicable, the documents on (if any):	
	i) ***Company/ Business Entity:*** *The certificate of registration issued by the Companies Commission of Malaysia (SSM);*	
	ii) ***Organisation (Body Corporate):*** *The certificate from the appropriate authority certifying that the body has been duly constituted under the said written law;*	
	iii) ***Organisation (Co-operative Society):*** *The certificate of registration issued by the Malaysia Co-operative Societies Commission;*	
	iv) ***Organisation (Firm):*** *The certificate of registration (Form D) of the firm issued by the Registrar of Businesses; or the letter or certificate relating to the constitution of the firm from bodies regulating the profession in which the firm is practising in;*	
	v) ***Organisation (Registered Society):*** *The certificate of registration issued by the Malaysia Co-operative Societies Commission;*	
	vi) ***Organisation (Care Centre):*** *The certificate of registration of the care centre issued by the Social Welfare Department of Malaysia or the relevant religious authority;*	
	vii) ***Organisation (Place of Worship):*** *The certificate of registration of the place of worship issued by the relevant religious authority; or the certificate of registration of the society in charge of the place of worship issued by the Registrar of Societies and a letter from the relevant local authority confirming that the place of worship has duly obtained a certificate of completion and compliance or certificate of fitness or other applicable approval;*	
	viii) ***Organisation (Educational Institution):*** *The certificate of registration of the educational institution issued by the Ministry of Education; or in the case of religious schools, the certificate of registration of the religious school issued by the relevant religious authority;*	
	ix) ***Ministry/ government entities:*** *Supporting documents with regards to the establishment of Government Agency; or*	
	x) ***Local authority*** *: Certificate of incorporation/registration of Local Authority.*	
2.0	*Technical Information:*	
2.1	i) ***Installation less than 72kW:*** *The detailed engineering design of the renewable energy installation, including all relevant calculations to justify the installed capacity and claimed efficiencies, proposed plant layout and AC/DC single line diagram certified by relevant Competent Person under Electricty Supply Act 1990 and the regulations thereunder;* ***and*** *SEDA Malaysia Qualified Person (SEDA Malaysia GCPV System Design Certificate Holder);* ***or***	
	ii) ***Installation exceeding 72kW:*** *The detailed engineering design of the renewable energy installation, including all relevant calculations to justify the installed capacity and claimed efficiencies, proposed plant layout and AC/DC single line diagram certified by relevant Competent Person under Electricty Supply Act 1990 and the regulations thereunder;* ***and*** *SEDA Malaysia Qualified Person (SEDA Malaysia GCPV System Design Certificate Holder).*	
2.2	*Connection Confirmation Check (CCC) / Connection Assessment Study (CAS) / Power System Study (PSS) approval and CAS report (if applicable)*	
2.3	*Product data sheet / technical parameter for all electrical components. Please provide rating of each electrical components (SPD, fuses, switches, PV modules,smart Inverters and BESS - if applicable)*	
2.4	*If use battery storage, please provide detail design;*	
2.5	*Endorsed Civil and Structure drawing for solar PV installation*	
3.0	*Billing Information:*	
3.1	*Latest electricity bill or TNB Welcome Letter;*	
3.2	*Recorded MD of the past twelve (12) months (if applicable);*	

4.0	*Competency Certificates:*		
	4.1	*A certificate of registration as an Electrical Contractor issued by ST;*	
	4.2	Competent Person certificates:	
		i) *A certificate of registration as a Professional Engineer (Electrical) with Board of Engineers Malaysia for each Competent Person's; or*	
		ii) *A certificate(s) of Competency as a Wireman issued by the ST for each Competent Person's*	
	4.3	*SEDA Malaysia Qualified Person certificates:*	
		i) *A certificate of Competency in GCPV System Design issued by SEDA Malaysia for each Competent Person's;* ***and***	
		ii) *A certificate of Competency as a Wiremen in GCPV System issued by SEDA Malaysia for each Competent Person's*	
5.0	*Others (Please specify):*		
	i)		
	ii)		
	iii)		
	iv)		

BAHAGIAN 6 : PENGISYTIHARAN BAGI PERMOHONAN SOLAR ATAP / ***SECTION 6 : DECLARATION FOR SOLAR ATAP APPLICATION***

6.1A PENGISYTIHARAN PEMOHON (DIISI OLEH PEMOHON) ***/ APPLICANT DECLARATION (TO BE FILLED BY APPLICANT)***

****TO BE FILLED BY APPLICANT (INDIVIDUAL)***

I, [Name] ……,
[Mykad No./ Passport No.
……
of[Address]……
…… hereby -

i. *appoint and authorize [Name of the Competent Person]…… [MyKad No./Pasport No.] …… as a Competent Person for this Application;*
ii. *confirm that the Competent Person appointed for this Application is a Competent Person according to section 2 of the Electricity Supply Act 1990 [Act 447];*
iii. *confirm that I have not committed any offences under the Electricity Supply Act 1990 [Act 447] and/or any other relevant laws and regulations pertaining to the supply and licensing of electricity;*
iv. *certify that all information given is true and correct to my knowledge and belief;*
v. *understand and agree that, SEDA Malaysia shall cancel the approval of the application and forfeit any application fees paid if the solar Photovoltaic installation is not commence within 18 months from the date of the notification of the approval;*
vi. *understand and agree that, SEDA Malaysia shall forfeit any application fees paid if I withdraw the application;*
vii. *understand and agree that SEDA Malaysia shall have the right to take any action if any of the information given is false;*
viii. *agree that SEDA Malaysia shall not be held liable for any loss, damage and inconvenience suffered by me after my application has been approved by SEDA Malaysia; and*
ix. *agree, understand and will comply with all the relevant laws and guidelines applicable to this application.*

……..
Name:
Mykad No. / Passport No. :
Date:

BAHAGIAN 6 : PENGISYTIHARAN BAGI PERMOHONAN SOLAR ATAP / ***SECTION 6 : DECLARATION FOR SOLAR ATAP APPLICATION***

6.1B PENGISYTIHARAN PEMOHON (DIISI OLEH PEMOHON) ***/ APPLICANT DECLARATION (TO BE FILLED BY APPLICANT)***

****TO BE FILLED BY APPLICANT (NON- INDIVIDUAL) (if applicable)***

I, [Name] ……., [Mykad No./ Passport No.] ..... a [Designation]..... of a [Name of the Company/ Organisation] ..... and [Address]..... .... an authorized representative of this Applicant hereby-

i. *appoint and authorize [name of the Competent Person]..... [MyKad No./Pasport No] ..... as a Competent Person for this Application;*
ii. *confirm that the Competent Person appointed for this Application is a Competent Person according to section 2 of the Electricity Supply Act 1990 [Act 447];*
iii. *confirm that I have not committed any offences under the Electricity Supply Act 1990 [Act 447] and/or any other relevant laws and regulations pertaining to the supply and licensing of electricity;*
iv. *certify that all information given is true and correct to my knowledge and belief;*
v. *understand and agree that, SEDA Malaysia shall cancel the approval of the application and forfeit any application fees paid if the solar Photovoltaic installation is not commence within 18 months from the date of the notification of the approval;*
vi. *understand and agree that, SEDA Malaysia shall forfeit any application fees paid if I withdraw the application;*
vii. *understand and agree that SEDA Malaysia shall have the right to take any action if any of the information given is false;*
viii. *agree that SEDA Malaysia shall not be held liable for any loss, damage and inconvenience suffered by me after my application has been approved by SEDA Malaysia; and*
ix. *agree, understand and will comply with all the relevant laws and guidelines applicable to this application.*

……..
Name of the Authorized Representative:
Designation:
Mykad No. / *Passport No.:*
Date:

6.2 PENGISYTIHARAN KONTRAKTOR ELEKTRIK / *ELECTRICAL CONTRACTOR DECLARATION*

To be completed by Competent Person.

Company's Name: ……
Company Registration No. or Business Registration No. : ……
By signing this form, I (Name)…… (MyKad No. /Passport No.) …… declare that:

i. *I am representing the owner of the premise and the information furnished above is true to my knowledge and belief;*
ii. *I confirm that the solar PV system design comply to the standards IEEE 1547, MS 1837 and other relevant requirements as per prudent utility practices;*
iii. *I also verify that the site condition is fit for installation of the solar PV system as per applicable regulations; and*
iv. *I hereby acknowledge that all information given are true and the SEDA Malaysia shall have the right to take any action if the above information are false.*

……
Name of Competent Person:
MyKad No./Passport No.:
Date:
Signature & Stamp Competent Person :

Suruhanjaya Tenaga
Energy Commission
No. 12, Jalan Tun Hussein
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62100 Putrajaya
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