

**TECHNICAL ASSESSMENT STUDY APPLICATION FORM****PART 1: INFORMATION**

- Customers may not operate their Solar Photovoltaic (PV) system while interconnected to the DL Distribution System until they receive written permission from the Authority
- For solar PV system more than 24kW (Single Phase) or more than 72kW (Three Phase), the customer is required to apply for a generation licence from Suruhanjaya Tenaga (ST).

**PART 2: CONSUMER INFORMATION - to be filled in by the Registered Customer**

Applicant Name: \_\_\_\_\_

Electricity Bill account number: \_\_\_\_\_ IC/ROC Number: \_\_\_\_\_

Distribution Licensee Company: \_\_\_\_\_ (e.g. TNB, SESB, etc.)

Email Address: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

I hereby authorize the Competent Person as described in PART 3 to act on my behalf to manage my Solar ATAP application

Signature &amp; Company Stamp:

Date:

**PART 3: COMPETENT PERSON (SERVICE PROVIDER / ELECTRICAL CONTRACTOR) DETAILS**

Name: \_\_\_\_\_ IC/ Certification No. : \_\_\_\_\_

Company Name: \_\_\_\_\_ Company ROC No. : \_\_\_\_\_

Phone Number: \_\_\_\_\_ E-mail address: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

**PART 4: TYPE OF STUDY REQUIRED**

- ☐ Connection Assessment Study (CAS)
- ☐ Connection Confirmation Check (CCC)

**PART 5: CONSUMER INFORMATION**

 Installation Address: \_\_\_\_\_  
 \_\_\_\_\_

Voltage at point of common coupling @Utility meter:

☐ Low Voltage (230V/400V)  
 Maximum Demand (for non domestic) : \_\_\_\_\_ kW

☐ Medium Voltage (11kV/33kV)  
 Maximum Demand : \_\_\_\_\_ kW

TNB Substation Name : \_\_\_\_\_

**PART 6: TECHNICAL INFORMATION**

 a) Installed Solar PV Capacity : \_\_\_\_\_ in kW<sub>p</sub>      b) \_\_\_\_\_ in kW<sub>ac</sub>

 c) Maximum Allowable Quantity (MAQ)/day : \_\_\_\_\_ kWh/day (Capacity in kW<sub>ac</sub> x 5.0\* hrs/day)

d) Expected Date of Commissioning of Solar PV system: \_\_\_\_\_ (dd/mm/yyyy)

 e) Installation of Battery Energy Storage System: ☐ Yes    ☐ No    If yes, Battery capacity : \_\_\_\_\_ kW  
 Battery Manufacturer: \_\_\_\_\_

f) Daytime Peak Demand (11am to 3pm) : \_\_\_\_\_ kW (Friday to Monday)

g) Daytime Lowest Demand : \_\_\_\_\_ kW

 h) Export during daytime peak (b-f) : \_\_\_\_\_ kW<sub>ac</sub>    i) Export during daytime lowest (b-g) : \_\_\_\_\_ kW<sub>ac</sub>

\* 5.0 hrs/day based on reference from guideline

**PART 7: PHOTOVOLTAIC (PV) INSTALLATION INFORMATION**

 a) PV Module : i) Type: Monocrystalline ☐ Polycrystalline ☐ Thin Film ☐ Others: \_\_\_\_\_

: ii) Manufacturer \_\_\_\_\_

: iii) Module capacity \_\_\_\_\_

b) PV Inverter : i) Number of inverter installed \_\_\_\_\_

: ii) Inverter capacity \_\_\_\_\_

 : iii) Type: Single Phase ☐ Three Phase ☐

: iv) Manufacturer \_\_\_\_\_

 : v) Power Factor: ☐ \_\_\_\_\_ lagging ☐ \_\_\_\_\_ leading ☐ unity

**PART 8: CONSULTANT INFORMATION – to be filled in if CAS is done by external consultant**

Name: \_\_\_\_\_ IC/ Certification No. : \_\_\_\_\_

Company Name: \_\_\_\_\_ Company ROC No. : \_\_\_\_\_

Phone Number: \_\_\_\_\_ E-mail address: \_\_\_\_\_

Software used for assessment: \_\_\_\_\_

**PART 9: CHECKLIST OF DOCUMENTS REQUIRED**

- i. Photo of existing DL meter and service line
- ii. A copy of electricity bill (12 months of latest bill) or Welcome letter

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Applicable if CAS is done by Distribution Licensee

- iii. Single line diagram with Solar PV schematic (endorsed by Competent Person)
- iv. 4 days Load profiling (Friday to Monday) (endorsed by Competent Person)
- v. Installed Solar PV capacity calculation based on 12-month MD / CT Rating

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☐**\*\* For CCC, please provide item i, iii and iv.****PART 10: DECLARATION**

By signing this form, I declare that:

- I am representing the applicant of the premise and the information furnished above is true to my knowledge and belief.
- I hereby acknowledge that all information given are true and the relevant Authority shall have the right to take any action if the above information is false.
- I confirm that the solar PV system design comply to the standards (IEEE 1547, IEC 61727, MS 1837, Guidelines For Solar Photovoltaic Installation under Solar ATAP Programme.
- I also verify that the site condition is fit for installation of the solar PV system as per applicable regulations.
- I further agree to comply with the specifications, terms and conditions stipulated in the applicable guidelines and related regulations, as amended from time to time.

Signature :

Competent Person stamp:

Name: \_\_\_\_\_

Date: \_\_\_\_\_