FORM NEM – TECHNICAL STUDY APPLICATION

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 72kW customer need to apply for generating license from Suruhanjaya Tenaga (ST)

PART 2: CONSUMER INFORMATION – to be filled by the Registered Customer

Applicant Name:_____ IC/ROC Number: _____

Electricity Bill account number:_____

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

Signature: Date:

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

Name:_____ Company ROC No. :_____

Phone Number: _____ E-mail address: _____

Mailing Address:_____

PART 4: CONSUMER INFORMATION

Installation Address: _____

Is the applicant an existing FIAH? : ☐ Yes ☐ No If yes, please provide the existing solar capacity installed(kW) _____

Voltage at point of common coupling: @TNB meter ☐ Low Voltage (230V/400V) ☐ Medium Voltage (11kV/33kV)

TNB Substation name: _____

If Medium Voltage connected customer: Maximum Demand _____kW
If Low Voltage connected customer : Fuse Rating: _____(Amps) or CT rating:_____

Reasons for installing NEM ☐ Reduce electricity bill ☐ Peak Shaving ☐ Reduce Green House effect Other reasons:_____

PART 5: TECHNICAL SELF ASSESSMENT

a) Installed NEM PV Capacity _____in kW_p b) _____in kW_{ac}

c) Estimated Monthly Generation:_____kWh d) Distributed Annual Availability Data (DAA):_____kWh

e) Expected Date of Commissioning of NEM solar system: _____(dd/mm/yyyy)

f) Installation of Battery Energy Storage System: ☐ Yes ☐ No If yes, Battery capacity _____ kW

Battery Manufacturer:_____

Information below is only for generation capacity >12kW. Competent Person shall fill in and attach the Load Profile (LP) Form

g) Daytime Peak Demand (11am to 3pm)_____kW (Friday to Monday)

h) Daytime Lowest Demand _____kW i) Export during daytime peak (b-g) _____kW_{ac}

j) Export during daytime lowest (b-h) _____kW_{ac}

PART 6: PHOTOVOLTAIC (PV) INSTALLATION INFORMATION

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

: ii) Manufacturer _____

b) PV Inverter i) Number of inverter installed _____

ii) Type: Single Phase ☐ Three Phase ☐

iii) Manufacturer _____

iv) Power Factor: ☐ _____ lagging ☐ _____ leading ☐ unity

PART 7: CHECKLIST OF DOCUMENTS REQUIRED

i.	Single line diagram with Solar PV schematic(endorsed by Competent Person)	☐
ii.	Photo of existing DL meter and service line	☐
iii.	4 days Load profiling (Friday to Monday for capacity >12kW)Form LP	☐
iv.	A copy of electricity bill (latest)	☐
v.	CD (contains) all of the above documents saved under 1 pdf file <3MB	☐

PART 8: DECLARATION

By signing this form, I declare that:

- I am representing the owner of the premise and the information furnished above is true to my knowledge and belief.
- I confirm that the solar PV system design comply to the standards (IEEE 1547, IEC 61727, MS 1837,NEM Technical Guideline) and the inverter (s) used are as per approved lists.
- I also verify that the site condition is fit for installation of the solar PV system as per applicable regulations.

Signature : Competent Person stamp:

Name:

Date:

PART 9: FOR OFFICE USE