

Ref No.: 

PV GENERATOR INTERCONNECTION APPLICATION

This form is for PV Generator Owners to make an application to TNB, via PTM under the MBiPV project, to interconnect a PV generating facility of less than 1 MWp with TNB system.

Section 1: Applicant Information

Name: _____

Mailing address: _____

City: _____ State: _____ Postcode: _____

Address of PV facility (if different from above): _____

Telephone: _____ Handphone: _____

TNB account no.: _____ New / existing account: _____

Section 2: PV Generator Qualifications

Is generator powered from a PV system: Yes NoWill excess power be exported to TNB? Yes No

Site demand load: _____ kW (Typical) PV installed capacity: _____ kWp

Note: Maximum PV interconnection shall not exceed maximum site demand load.

Section 3: Generator Technical Information

Type of Generator: Solar PV with Inverter Solar PV with inverter and battery

PV module:

PV manufacturer name, type and product number: _____

Number of units: _____ Power rating in Wp/unit: _____ Total power rating in kWp: _____

Product certification: Electrical Class II IEC 61215 IEC 61646 Others: _____

Open circuit voltage, Voc: _____ Vdc

Short circuit current, Isc: _____ Adc

Max PV system voltage: _____ Vdc

Max power point voltage, Vmpp: _____ Vdc

Max power point current, Imp: _____ Adc

(Please attach manufacturer's specification sheet)

Inverter:

Inverter manufacturer name, type and product number: _____

Number of units: _____ AC-rating in kW/unit: _____ Total AC-rating in kW: _____

Product certification: IEC 61000-3-2 IEC 61000-6 EN 50178 Others: _____

Input voltage: _____ Vdc

Max power points voltage, Vmpp: _____ Vdc

Max power rating: _____ Wdc

Max current rating: _____ Adc

Power output: _____ Wac

(Please attach manufacturer's specification sheet)

Section 4: Interconnecting Equipment Technical Data

Generator Disconnect Switch:

For d.c. side:
 Manufacturer: _____ Type: _____ Product No.: _____ Rated Volts: _____ Rated Amps: _____

For a.c. side:
 Manufacturer: _____ Type: _____ Product No.: _____ Rated Volts: _____ Rated Amps: _____

Surge Protective Device:

For d.c. side:
 Manufacturer: _____ Type: _____ Product No.: _____ Rating: _____

For a.c. side:
 Manufacturer: _____ Type: _____ Product No.: _____ Rating: _____

Section 5: General Technical Information

Enclose copy of circuit diagram including electrical ratings: Yes No

Section 6: Installation Details

Generating System will be installed by: Approved PV Service Provider Electrician

Installer name: _____ Company: _____

Certified Electrician License no.: _____ Approved PV service no. : _____

Business address: _____

City: _____ State: _____ Postcode: _____

Telephone no.: _____ Handphone no.: _____

Installation Date: _____ Commissioning Date: _____

I hereby certify that the PV generating system will be/ has been installed in compliance with the MS 1837: Installation of Grid-Connected Photovoltaic (PV) System.

Signature (Installer): _____ Date: _____

Section 7: Declaration

I hereby certify that, to the best of my knowledge, all the information provided in this interconnection application is true and correct. I also agree to install a Warning Label provided by TNB on or near my service meter location.

Date: _____

Signature of Applicant

Name

I/C No.

Please send completed application form including attachments to:

MBIPV Project
Pusat Tenaga Malaysia
No. 2, Jalan 9/10
Persiaran Usahawan, Seksyen 9
43650 Bandar Baru Bangi
Selangor Darul Ehsan
Malaysia
Tel: 03-8921 0800
Fax: 03-8921 0801/0802

Section A: For use by PTM (MBIPV) Only

Section A: PTM Approval or Non-Approval

Programme category: Showcase Demonstration Suria 1000

System capacity: _____

Financial incentive given: _____

This application is: Approved Not Approved

TNB Domestic / Non-Domestic* Electricity Supply Application Forms for PV Generator Interconnection is attached Yes *delete whichever not applicable

Officer: _____

Checked by: _____

Signature: _____

Designation: _____

Date: _____

Date: _____

Approval to connect to the TNB system indicates only that the minimum requirements for a safe and proper interconnection have been satisfied. Such approval does not imply that the Generator Owner's facility meets all federal, state and local standards or regulations.

Section B: For use by TNB Only

Section B1: TNB Endorsement

TNB Office: _____

Officer: _____

Designation: _____

Signature: _____

Date: _____

Comments: _____

TNB endorse that this applicant is eligible to apply for net metering under the MBIPV programme. The application is in accordance with the attached TNB Domestic/Non-Domestic Electricity Supply Application Forms for PV Generator Interconnection.

Section B2: Internal Notifications

Send warning label for installing on/ near service meter to applicant. Yes

Notify PTM via MBIPV project on TNB endorsement. Yes

Section B3: Commissioning of PV Generating System

Date of commissioning: _____

Time: _____

Name of TNB witness: _____

Staff no.: _____

Inverter isolation test successful: Yes No

Commissioning records available Yes, date received: _____ No