



PV GENERATOR INTERCONNECTION APPLICATION

This form is for PV Generator Owners to make an application to Sarawak Energy under the NEM/GCPV project, to interconnect a PV generating facility of less than 20kWp with Sarawak Energy system.

Section 1: Application Information

Name: _____

Mailing address: _____

City: _____ State: _____ Postcode: _____

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

Telephone: _____ Handphone: _____ Email: _____

Sarawak Energy account No: _____ New/Existing account: _____

Section 2: PV Generator Qualifications

Is generator powered from a PV system only? Yes No

Will excess power be exported to Sarawak Energy? Yes No

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

Note: Maximum PV interconnection shall not exceed the applied loading of the premise.

Section 3: Generator Technical Information

Type of Generator: Solar PV with inverter

PV Module:

PV manufacturer: name, type & product number: _____

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

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

Open Circuit Voltage, Voc: _____ Vdc

Short circuit current, Isc: _____ Adc

Max PV system voltage: _____ Vdc

Max power point volage, Vmpp: _____ Vdc

Max power point current, Imp: _____ Adc

(Please attach manufacturer's specification sheet)

Inverter:

Inverter manufacturer: Name, Type & 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 Other: _____

Store fully the detailed PV generation records, permanently and automatically with non-volatile flash memory at least 12 months

 Yes

Input Voltage: _____ Vdc

Max power point 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 DC side Manufacturer: _____ Type: _____ Product No: _____ Rated Volts: _____ Rated Amps: _____

For AC side Manufacturer: _____ Type: _____ Product No: _____ Rated Volts: _____ Rated Amps: _____

Surge Protective Device:

For DC side Manufacturer: _____ Type: _____ Product No: _____ Rating: _____

For AC side Manufacturer: _____ Type: _____ Product No: _____ Rating: _____

Section 5: General Technical InformationEnclosure copy of circuit diagram including electrical rating: Yes No**Section 6: Installation Details**Generating System will be installed by: Approved PV Service Provider Registered 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 provide by Sarawak Energy on or near my service meter location.

Date: _____

Signature of Applicant

Name

I/C No.

Please send completed application form including attachments to:

Sarawak Energy Berhad

No. 1, The Isthmus,
93050 Kuching, Sarawak
Tel: 082-388388
Fax: 082-344433

Section 8: For use by Sarawak Energy Only

Section A: Sarawak Energy Approval or Non-Approval

System Capacity: _____

This application is: Approved Not Approved

Sarawak Energy Electric supply application form for PV Generator Interconnection is attached Yes

Officer: Checked by _____ Designation: _____

Signature: _____ Date: _____

Comments: _____

Approved to connect to Sarawak Energy 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: Internal Notifications

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

Notify PTM via OGPV project on Sarawak Energy approval Yes

Section C: Commissioning of PV Generating System

Date of commissioning: _____ Time: _____

Name of Sarawak Energy witness: _____ Staff No: _____

Inverter isolation tests successful: Yes No

Commissioning records available: Yes, date received: _____ No