

**Sustainable Energy Development Authority Malaysia (SEDA Malaysia)**

Galeria PjH, Aras 9, Jalan P4B, Persiaran Perdana, Presint 4, 62100 Putrajaya

T : +603 - 8870 5800 F : +603 - 8870 5900 E : info@seda.gov.my

**MANUAL FEED-IN APPROVAL APPLICATION FORM (SOLAR PV > 12 kWp)**

For office use only:	Please submit your application form to: Sustainable Energy Development Authority Malaysia Galeria PjH Aras 9, Jalan P4W Persiaran Perdana Presint 4 62100 Putrajaya, MALAYSIA Tel No.: 03 – 8870 5800 Fax No.: 03 – 8870 5900
Reference No. : .....	
Serial No. : .....	
Date received : ...../...../.....	
Time received : .....	
Receiving Officer : .....	

Please tick (✓) in the applicable boxes.

**Information on Applicant**

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

Registration No. (or if not available, Service \_\_\_\_\_

Tax Registration No.<sup>1</sup>): \_\_\_\_\_e-PBT No.<sup>2</sup>: \_\_\_\_\_**Information on New or Existing Project**Renewable Resource: Solar PV

Project Status:

☐ New project☐ Existing project with net meteringTotal installed capacity (MW<sup>3</sup>): \_\_\_\_\_

Net export capacity (MW) \_\_\_\_\_

Voltage level at  
Connection Point:☐ Low voltage☐ Medium voltage

Connection Type:

☐ Low voltage direct connection☐ Low voltage in-direct connection☐ Medium voltage direct connection

Name of Distribution Licensee: \_\_\_\_\_

(e.g. TNB, SESB, etc.)

<sup>1</sup> Not applicable to local authorities.<sup>2</sup> Only applicable to local authorities.<sup>3</sup> 1 MW = 1,000 kW



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### Applicable criteria for bonus feed-in tariff rate in addition to basic feed-in tariff rate (if any):

- ☐ Use as installations in buildings or building structures
- ☐ Use as building material
- ☐ Use of locally manufactured or assembled solar PV modules
- ☐ Use of locally manufactured or assembled solar inverters

### Location of RE Project Site

#### UPI (Universal Parcel Identifier) location

District: \_\_\_\_\_  
Sub-District / City / Town: \_\_\_\_\_  
Section: \_\_\_\_\_  
Lot / PT No.: \_\_\_\_\_

#### Project site address

Address: \_\_\_\_\_  
Postcode: \_\_\_\_\_ State: \_\_\_\_\_  
District: \_\_\_\_\_

Please enter the GPS location of project or attach site map. If entering GPS location, please enter the latitude and longitude coordinates in degrees, minutes and seconds format (DDMMSS) (e.g. Latitude: 5° 18' 56.9802", Longitude: 103° 7' 16.647").

Latitude: \_\_\_\_\_ ° \_\_\_\_\_ ' \_\_\_\_\_ " Longitude: \_\_\_\_\_ ° \_\_\_\_\_ ' \_\_\_\_\_ "

Site Ownership: ☐ Fully Owned ☐ Owned (Charged To Bank) ☐ Leased

Owner Of The Site / Bank Name / Lessor Name (if leased): \_\_\_\_\_

The Applicant is required to provide documents proving the Applicant's ownership of the site, or other conditional or unconditional rights (e.g. letter or agreement) that the Applicant has to utilise/lease the site for a minimum period equivalent to the effective period.

Current site activities: ☐ Agriculture ☐ Commercial ☐ Industrial ☐ Residential  
☐ Others



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### Contractors

This section is only applicable to new projects

#### Details of Service Provider<sup>4</sup>

Company Registration No. : \_\_\_\_\_

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

Business Address: \_\_\_\_\_

City: \_\_\_\_\_ Postcode: \_\_\_\_\_

State: : \_\_\_\_\_

Telephone No: \_\_\_\_\_ Fax No: \_\_\_\_\_

E-mail: \_\_\_\_\_ Website: \_\_\_\_\_

#### Project manager<sup>5</sup> (if any)

Name of Project Manager: \_\_\_\_\_

Nationality: \_\_\_\_\_

MyKad No./Passport No.: \_\_\_\_\_

Telephone No: \_\_\_\_\_ Mobile No: \_\_\_\_\_

Email: \_\_\_\_\_

#### Qualified Persons<sup>6</sup>

##### Qualified Person 1

Name of Qualified Person: \_\_\_\_\_

MyKad No./Passport No.: \_\_\_\_\_

Organisation or Company

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

Company Registration No.

(if any): \_\_\_\_\_

Telephone No: \_\_\_\_\_ Mobile No: \_\_\_\_\_

Email: \_\_\_\_\_

<sup>4</sup> The service provider can be a main engineering procurement and construction contractor, system integrator or technology provider based in Malaysia. The Applicant may also be its own service provider provided that its employees possess the applicable qualifications. A service provider may also be one of the qualified persons.

<sup>5</sup> The project manager can be an employee of either the Applicant or the service provider.

<sup>6</sup> Persons tasked by the Applicant with the carrying out of any work, action, certification, obligation or responsibility to the compliance with any provisions of any subsidiary legislation made pursuant to the Renewable Energy Act 2011. The Applicant is required to provide evidence of qualifications of qualified persons consistent with the requirements of the Renewable Energy (Technical and Operations) Rules 2011.



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Scope of Work:

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### Qualified Person 2

Name of Qualified Person:

MyKad No./Passport No.:

Organisation or Company  
Name:

Company Registration No.  
(if any):

Telephone No:

Mobile No:

Email:

Scope of Work:

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### Qualified Person 3

Name of Qualified Person:

MyKad No./Passport No.:

Organisation or Company  
Name:

Company Registration No.  
(if any):

Telephone No:

Mobile No.:

Email:

Scope of Work:

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## Technical Information on New or Existing Project

Total Installed Capacity (MWp): \_\_\_\_\_

Net Export Capacity (MWp) \_\_\_\_\_

 Interconnection Voltage (kV)<sup>7</sup>: \_\_\_\_\_  
 (e.g.: 0.23kV, 0.4kV, 11kV, 22kV or 33kV)

Distance from the plant to interconnection point (km): \_\_\_\_\_

 Module Type:
 

- ☐ Monocrystalline
- ☐ Polycrystalline
- ☐ Thin Film Amorphous Silicon
- ☐ Thin Film Compound
- ☐ Others

	Generation <sup>8</sup>	Export <sup>9</sup>
Capacity factor <sup>10</sup> (%):		
Energy Yield (MWh/year):		
Specific Yield (MWh/MW/year):		

### Yield Projection

Year / Yield	Generation Based On Installed Capacity		Export / Declared Annual Availability <sup>11</sup> (Based On Net Export Capacity)	
	MWh	Capacity Factor (%)	MWh	Percentage Export (%)
1				
2				
3				
4				
5				
6				
7				
8				

<sup>7</sup> As determine by PSS or CCC (if any)

<sup>8</sup> Total amount of renewable energy to be generated by the renewable energy installation in a year.

<sup>9</sup> Total amount of renewable energy to be generated by the renewable energy installation and delivered up to the connection point in a year.

<sup>10</sup> Capacity Factor Formula:

Capacity Factor (%) = [Energy Generated (MWh)/(Installed Capacity (MW)\* 8760)] \* 100

Percentage Export (%) = [Energy Export (MWh) / (Net Export Capacity (MW)\* 8760)] \* 100

<sup>11</sup> The Declared Annual Availability will be automatically pro-rated for the first and last years by the e-FiT Online System based on export data input

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■ These data entries will be automatically calculated by the e-FiT Online System using the information submitted by the Applicant above.

For Manual Application

## Financing

This section is only applicable to new projects.

### A. Projected Capital Expenditure

#### 1. Equipment Cost:

Description	Cost (RM)
PV modules	
Inverter	
Balance of System	

#### 2. Installation Cost (RM):

#### 3. Design & Consultancy (RM):

#### 4. Interconnection Cost (RM):

#### 5. Preliminary Cost (RM):

#### 6. Other Capital Cost (Please specify):

Description	Amount (RM)

Total Capital Cost (RM):

*Summation of Section A (No. 1 – 6)*

### B. Loan

Do you require a loan?

☐ Yes

☐ No

If yes, please fill in your loan information below.

Financier:

Loan Amount (RM):

Loan Interest (%):

Loan Tenure (years):

Please attach the conditional letter(s) of approval from the entity(ies) who will be providing financing to the Applicant for the project. Such conditional letters of approval should state, among others, that the entity(ies) has considered the Applicant's financing proposal and agrees to provide financing for the project subject to the grant of the feed-in approval to the Applicant.

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**Total equity contribution by the Applicant<sup>12</sup>**Equity (RM) : \_\_\_\_\_ Percentage<sup>13</sup> (%) : \_\_\_\_\_**C. Projected Annual Operational Expenditure**

1. Insurance Premium (RM): \_\_\_\_\_
2. Operation & Maintenance Cost (RM): \_\_\_\_\_
3. Other Operating Cost (Please specify): \_\_\_\_\_

Description	Amount (RM)

**Total Operating Cost (RM):** \_\_\_\_\_*(Summation of Section C (No. 1- 3))***Project IRR**

Project IRR (%): \_\_\_\_\_

<sup>12</sup> Note for company only : As part of your Financial milestones, you will be required to upload a copy of your company's bank account latest 3 months statements showing a minimum credit balance of 5% of the capital cost of your project.

<sup>13</sup> Applicant's equity is limited to not less than 5% of the total project cost.



## Proposed Work Plan<sup>14</sup>

Please select proposed work plan:

- ☐ Work Plan A: If Renewable Energy Installation will be connected to a Low Voltage Supply Line.
- ☐ Work Plan B: If Renewable Energy Installation will be connected to a Medium Supply Line.
- ☐ Work Plan C: If Renewable Energy Installation is an existing project with net metering

### Work Plan A

No.	Milestones	Estimated Due Date
1.	Feed-in approval application submission date	
	Time frame: _____ Month (s) <sup>15</sup> _____ Week (s)	
2.	Registration of Renewable Energy Power Purchase Agreement (REPPA) with the Sustainable Energy Development Authority (SEDA) Malaysia	
	Time frame: _____ Month (s) _____ Week (s)	
3.	Energy Commission public licence (provisional)	
	Time frame: _____ Month (s) _____ Week (s)	
4.	Financing Agreement	
	Time frame: _____ Month (s) _____ Week (s)	
5.	1 <sup>st</sup> Payment to Engineering Procurement and Construction Contractor	
	Time frame: _____ Month (s) _____ Week (s)	
6.	Feed-in tariff Commencement Date	

<sup>14</sup> Total duration must not exceed 36 months.

<sup>15</sup> Minimum time frame for registration of REPPA is 2 months

### Work Plan B

No.	Milestones	Estimated Due Date
1.	Feed-in approval application submission date	
↓	Time frame: _____ Month (s) <sup>16</sup> _____ Week (s)	
2.	Registration of Renewable Energy Power Purchase Agreement (REPPA) with the Sustainable Energy Development Authority (SEDA) Malaysia	
↓	Time frame: _____ Month (s) _____ Week (s)	
3.	Energy Commission public licence (provisional)	
↓	Time frame: _____ Month (s) _____ Week (s)	
4.	Financing Agreement	
↓	Time frame: _____ Month (s) _____ Week (s)	
5.	1 <sup>st</sup> Payment to Engineering Procurement and Construction Contractor following financial close	
↓	Time frame: _____ Month (s) _____ Week (s)	
6.	Initial operation date (IOD)	
↓	Time frame: _____ Month (s) _____ Week (s)	
7.	Feed-in tariff Commencement Date	

<sup>16</sup> Minimum time frame for registration of REPPA is 2 months

### Work Plan C

No.	Milestones	Estimated Due Date
1. ↓	Feed-in approval application submission date	
	Time frame: _____ Month (s) <sup>17</sup> _____ Week (s)	
2. ↓	Registration of Renewable Energy Power Purchase Agreement (REPPA) with the Sustainable Energy Development Authority (SEDA) Malaysia	
	Time frame: _____ Month (s) _____ Week (s)	
3. ↓	Energy Commission public licence (permanent)	
	Time frame: _____ Month (s) _____ Week (s)	
4.	Feed-in tariff Commencement Date	

These data entries will be automatically calculated by the e-FiT Online System using the information submitted by the Applicant above.

<sup>17</sup> Minimum time frame for registration of REPPA is 2 months

## Supporting Documents Checklist

The certified true copies of the following documents are to be submitted in support of this application, where applicable<sup>18</sup>.

1.	The detailed engineering design of the renewable energy installation, including all relevant calculations to justify the installed capacity and claimed efficiencies must be made available in CD and hardcopy to be delivered to SEDA Malaysia office within 7 working days of a successful submission of FiT application;	<input type="checkbox"/>
2.	Where applicable, the report on (if any):  a) the <b>connection confirmation check</b> for any RE installation exceeding 72 kW up to and including 180 kW; or b) the <b>power system study</b> for any RE installation of 180 kW above;  conducted in accordance with the Renewable Energy (Technical and Operational Requirements) Rules 2011.	<input type="checkbox"/>  <input type="checkbox"/>
3.	The feed-in approval currently or previously held by the Applicant, if any;	<input type="checkbox"/>
4.	Documents proving <b>the Applicant's ownership of the site</b> , or other conditional or unconditional rights (e.g. letter or agreement) that the Applicant has to utilise/lease the site for a minimum period equivalent to the effective period.	<input type="checkbox"/>
5.	Applicable documents as required in column 3 of the First Schedule of the Renewable Energy (Feed-in Approval and Feed-in Tariff Rate) Rules 2011, for bonus feed-in tariff rate in addition to basic feed-in tariff rate, where the renewable energy installation has any one or more of the following criteria:  <b>i) Use as installation in buildings or building structures.</b>  - Design drawings accompanied by the written confirmation by a qualified person that the criteria will be met based on such design drawings	<input type="checkbox"/>

<sup>18</sup> The maximum page size for supporting documents is A3.







## Declaration

### **Declaration Form for Solar PV Feed-in Approval Application (>12kWp) by company or other entity\***

Applicant's Name : \_\_\_\_\_  
Total Installed Capacity (MWp) : \_\_\_\_\_  
Method of Connection : \_\_\_\_\_  
Feed-in Tariff Rate (RM/kWh) : \_\_\_\_\_  
Bonus : \_\_\_\_\_  
SCOD : \_\_\_\_\_  
Installation Address : \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

I, [Name: \_\_\_\_\_, MyKad / Passport no.: \_\_\_\_\_  
and residential address:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_]

sincerely declare the following:

1. I am a representative of the Applicant and have been duly authorized to make this declaration on its behalf.
2. All information and accompanying documents submitted herein are true, accurate and complete. The Applicant is not aware of any other information or document which would make the documents submitted untrue or misleading. The Applicant understands and acknowledges that the omission of any relevant information or document, or the submission of any information or document that it knows or has reason to believe is false or misleading may result in the rejection of this application, the revocation of any feed-in approval granted pursuant to this application and/or shall constitute an offence committed by it under the Renewable Energy Act 2011 and/or its applicable subsidiary legislation.
3. The certified true copies of the documents identified in the Supporting Documents Checklist of the application form have been submitted by the Applicant to the Sustainable Energy Development Authority Malaysia in support of this application.
4. Any additional information that may henceforth be required will be submitted by the Applicant by electronic medium or by way of electronic transmission in accordance with guidelines issued by the Sustainable Energy Development Authority Malaysia. Such information shall include but is





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not limited to information relating to the milestones for the proposed renewable energy installation and the dates by which such milestones are to be achieved. The declaration I have made in paragraph 2 above shall be repeated for any additional information the Applicant may submit in accordance with this paragraph 4.

5. The Applicant will immediately notify the Sustainable Energy Development Authority Malaysia if the Applicant becomes insolvent.
6. A service provider may be appointed by the Applicant to make this application on its behalf but the Applicant shall be fully responsible for the contents thereof.
7. The Applicant hereby agrees to the Terms and Conditions of Use of the Sustainable Energy Development Authority Malaysia website. These terms include but are not limited to the restriction on divulging the e-FiT Online System username and password assigned to the Applicant to any third party and permitting or encouraging any unauthorised user to access the restricted section in the e-FiT Online System by using the username and password assigned to the Applicant.
8. The Applicant hereby agrees and consents to the full disclosure of the information submitted with this application and any additional information it may submit in accordance with paragraph 4 above to the Energy Commission and any service provider and/or financier identified by the Applicant. The Applicant also agrees and consents to the disclosure of such information to the distribution licensee whose electricity distribution network the proposed renewable energy installation is to be connected to, to the extent deemed appropriate by the Sustainable Energy Development Authority Malaysia. Such disclosure shall not be a breach of any confidentiality obligations owed to it by the Sustainable Energy Development Authority Malaysia.
9. The Applicant has read and understood all the rules and regulations as stipulated in the Renewable Energy Act 2011, its subsidiary legislations and SEDA's Guidelines and Determinations. This Application complies with the provisions of the Renewable Energy Act 2011 and subsidiary legislations made thereunder.

.....  
Name:  
MyKad No./Passport No:  
Designation:  
Date: