



# **BRIEFING ON THE PROPOSED AMENDMENTS OF LEGISLATION & UPDATES ON FEED-IN TARIFF (FiT) APPLICATION**

**Sustainable Energy Development Authority Malaysia**

**26 February 2013**



# Contents

- 1. Objective**
- 2. Amendments to FIA Application Form**
  - i. Proposed Paid Up Capital Requirement of FiT Applications for all Renewable Energy Resources
- 3. Proposed Amendments to the Guidelines and Determinations of SEDA Malaysia (SEDA Malaysia Guidelines)**
  - i. Submission of application for FiA relating to a PV installation;
- 4. Proposed Amendments to the RE (FIA & FiT Rates) Rules**
- 5. Proposed Amendments to the RE (T & O Requirements) Rules**
- 6. Other Updates**



## Objective of Session

- ❖ brief the stakeholders on the proposed amendments to
  - application forms for FiT
  - Guidelines & Determinations of the SEDA Malaysia Guidelines
  - Rules incorporating latest policy decision pertaining to the FiT application.
  
- ❖ serve as an interactive platform between SEDA Malaysia and the stakeholders for discussion, exchanging views & also to receive feedback on the proposed amendments.



# Amendments to the FIA Application Form

## Proposed Paid Up Capital Requirement of FiT Applications for all Renewable Energy Resources

- Each FIA applicant should have paid up capital as below at the point of application:
  - a) Companies intending to develop RE installations having an **installed capacity of up to 72kW** shall have a minimum paid-up capital equivalent to Ringgit Malaysia twenty thousand (**RM20,000.00**)
  - a) Companies intending to develop renewable energy installations having an **installed capacity exceeding 72kW** shall have a minimum paid-up capital equivalent to Ringgit Malaysia fifty thousand (**RM50,000.00**)

# **Proposed Amendments to the Guidelines & Determinations of the SEDA Malaysia Guidelines**



## (i) Submission of application for FiA relating to a PV installation

- **No application for a FiA relating to a PV installation may be made by or on behalf of the following persons:**
  - a) an individual who has already been issued with 2 FiAs in respect of individual PV installations except in respect of an application where the individual proposes to increase the rated kWp of his PV installations;
  - b) an individual who has already been issued with FiAs in respect of individual PV installations having an aggregate rated kWp of 24 kWp;
  - c) a company that has already been issued with FiAs in respect of one or more PV installations having an aggregate rated capacity of 30 MW;



## Submission of application for FiA relating to a PV installation ....Cont.

- d) an individual who is deemed to hold an ultimate ownership interest equivalent to 5 MW or more in one or more PV installations through such individual's direct or indirect shareholding in one or more feed-in approval holders who own such installations;
- e) A company that is deemed to hold an ultimate ownership interest equivalent to 30 MW or more in one or more PV installations through such person's direct or indirect shareholding in one or more feed-in approval holders who own such installations.



# Submission of application for FiA relating to a PV installation ....Cont.

- f) a company in whom a person described in paragraph (d) is a director;
- g) a company of which a person described in paragraphs (c) or (e) is a subsidiary company or holding company; or
- h) a company that is other than a Listed Corporation, in which a person described in paragraphs (d) to (g) holds a direct or indirect shareholding.

## **Note:**

Further illustrations and examples on the ultimate shareholders will be explained in the next session.



## Submission of application for FiA relating to a PV installation ....Cont.

- **Only 1 application for a FiA relating to a PV installation may be made in a period of 24 hours by the following persons;**
  - a) a person other than an individual;
  - b) an individual having a direct or indirect shareholding in an applicant company submitting its application for a feed-in approval relating to a PV installation ; or
  - c) companies in the same group of companies.



## Submission of application for FiA relating to a PV installation ....Cont.

- **No application for a feed-in approval relating to a PV installation may be made by an individual for a proposed installation;**
  - a) having a rated capacity of more than 12 kW;
  - b) at the same location as a PV installation under an existing feed-in approval where the capacity has already reached 12 kW; or
  - c) at the same location as another PV installation under a feed-in approval to be granted by the Authority.



## Submission of application for FiA relating to a PV installation ....Cont.

- **No application for a FiA relating to a PV installation may be made by a company for a proposed installation if the rated capacity of the proposed installation would result in any direct or indirect shareholder of such company to have a deemed ultimate ownership interest equivalent to more than:**
  - a) 5 MW in the case of individuals; or
  - b) 30 MW in all other casesin one or more PV installations

# **Proposed Amendments to the Renewable Energy (Feed-in Approval & Feed-in Tariff Rates) Rules**



# Proposed Renewable Energy (Feed-in Approval & Feed-in Tariff Rates) (Amendment) Rules 2013

- Arrangement of Rules;
  - Part 1 : Preliminary
  - Part 2 : Application for Feed-in Approval
  - Part 3 : Feed-in Approval
  - Part 4 : Basic FiT Rate & Bonus FiT Rate
  - Part 5 : Calculation of Basic FiT Rate, Effective Period and Bonus FiT Rate
  - Part 6 : Miscellaneous



# Proposed Renewable Energy (Feed-in Approval & Feed-in Tariff Rates) (Amendment) Rules 2013

Part	Section	Detail	Purpose
1	Rule 2: Interpretation	<p><b><u>Amendment Rule 2</u></b></p> <p>The Renewable Energy (Feed-in Approval and Feed-in Tariff Rate) Rules [P.U.(A) 385/2011], which in these Rules are referred to as the “principal Rules” are amended in rule 2 by inserting immediately after the definition “use as building material” the following new definition—;</p> <p>✓ “‘PV installation’ has the meaning assigned to it in the Renewable Energy (Technical and Operational Requirements) Rules 2011;”.</p>	To include definition of “PV installation”



# Proposed Renewable Energy (Feed-in Approval & Feed-in Tariff Rates) (Amendment) Rules 2013

Part	Section	Detail	Purpose
3	Rule 11: Acknowledgment of receipt	<p><b><u>New Rule 11A</u></b></p> <p>The Principal Rules are amended by inserting after rule 11 the following rule;</p> <p><b>“Change in particulars of application”</b></p> <ol style="list-style-type: none"> <li>1) Where after an application for a feed-in approval has been made and before the Authority grants a feed-in approval and issues a certificate of feed-in approval, there is any change in any of the particulars submitted at the time of the application, the eligible producer shall, as soon as possible, request the Authority to make the relevant amendment to the application.</li> <li>2) Upon receipt of the request under subrule (1), the Authority may accept or reject the change in particulars of information.</li> <li>3) If the Authority approves a request, it shall cause a notice to be sent to the eligible producer and requiring the eligible producer to pay to the Authority the processing fee as prescribed in the Second Schedule, except when the change in particulars is due to any reason attributable to the Authority.</li> <li>4) The Authority may at any time after approving a request under subrule (1) and upon receipt of the prescribed fee where applicable, make such amendment to the application as it considers appropriate and notify the eligible producer of such amendment”.</li> </ol>	Change in particulars of application before issuing of feed-in approval certificate



# Proposed Renewable Energy (Feed-in Approval & Feed-in Tariff Rates) (Amendment) Rules 2013

Part	Section	Detail	Purpose
3	Rule 15: Change in particulars of information	<p><b><u>Amendment Rule 15</u></b></p> <p>The Principal Rules are amended by substituting for rule 15 the following rule;</p> <p><b>“Change in particulars of information”</b></p> <ol style="list-style-type: none"> <li>1) Where after a feed-in approval has been granted and a certificate of feed-in approval has been issued, there is any change in any of the particulars submitted at the time of the application or amended under rule 11A, the feed-in approval holder shall, as soon as possible, request the Authority to make the relevant amendment to the certificate of feed-in approval.</li> <li>2) Upon receipt of the request under subrule (1), the Authority may accept or reject the change in particulars of information.</li> <li>3) If the Authority approves a request, it shall cause a notice to be sent to the feed-in approval holder and requiring the feed-in approval holder to deliver the existing certificate of feed-in approval and pay to the Authority the processing fee as prescribed in the Second Schedule, except when the change in particulars is due to any reason attributable to the Authority.</li> </ol>	Change in particulars of application after issuing of feed-in approval certificate



# Proposed Renewable Energy (Feed-in Approval & Feed-in Tariff Rates) (Amendment) Rules 2013

Part	Section	Detail	Purpose
3	Rule 15: Change in particulars of information	<p><b><u>Amendment Rule 15.....Cont.</u></b></p> <p>4) The Authority may at any time after approving a request under subrule (1) and upon receipt of the existing certificate of feed-in approval and the prescribed fee where applicable, make such endorsement or amendment on the certificate of feed-in approval as approved by the Authority.</p> <p>5) Where endorsement on or amendment to the certificate of feed-in approval delivered to the Authority under subrule (3) is not possible, the Authority may issue a new certificate of feed-in approval containing the particulars of the amendment.</p> <p>6) Notwithstanding any provisions to the contrary in these rules, the Authority may reject any request to amend the particulars of the feed-in approval under this rule if, after such enquiry as it deems necessary and expedient, it is satisfied or has reason to believe that the change in particulars—</p> <p style="padding-left: 40px;">(a) would result in the feed-in approval holder not complying with the eligibility criteria described in rule 3; or</p> <p style="padding-left: 40px;">(b) would otherwise result in the feed-in approval holder being no longer entitled to be granted a feed-in approval under the Act and these Rules.</p> <p>7) A rejection under subrule (6) shall be without prejudice to the Authority's right to revoke the feed-in approval under section 10 of the Act."</p>	Change in particulars of information in the certificate of feed-in approval



# Proposed Renewable Energy (Feed-in Approval & Feed-in Tariff Rates) (Amendment) Rules 2013

Part	Section	Detail	Purpose
3	Rule 15: Change in particular of information	<p>The Principal Rules are amended by inserting after rule 15 the following rule;</p> <p><b><u>New Rule 15A</u></b></p> <p><b>“Application to vary conditions of feed-in approval</b></p> <ol style="list-style-type: none"> <li>1) A feed-in approval holder may apply to vary the conditions of his or its feed-in approval by submitting a written application to the Authority and such application shall be accompanied by the details of the proposed variation and the reasons for such variation; and any other information as the Authority may require.</li> <li>2) The Authority may, at any time after the receipt of an application under subrule (1), request the feed-in approval holder to give to the Authority additional information or other documents within such time as may be specified in the request.</li> <li>3) Upon receipt of the request under subrule (2), the feed-in approval holder shall give the additional information or other documents to the Authority.</li> <li>4) If the additional information or other documents required under subrule (2) are not provided by the feed-in approval holder within the time specified in the request, the application shall be deemed to be withdrawn and shall not be further proceeded with.</li> <li>5) Any application deemed to have been withdrawn under subrule (4) shall not affect the right of the feed-in approval holder to make a fresh application.</li> </ol>	Application to change in particulars of information in the certificate of feed-in approval



# Proposed Renewable Energy (Feed-in Approval & Feed-in Tariff Rates) (Amendment) Rules 2013

Part	Section	Detail	Purpose
3	Rule 15: Change in particular of information	<p><b><u>New Rule 15B</u></b>  <b>“Approval to vary conditions of feed-in approval”</b></p> <p>1) The Authority may, after considering the application made under subrule 15A(1) and being satisfied with the additional information or other documents given under subrule 15A(3), approve the proposed variation, with or without modification, provided that the feed-in approval holder has furnished sufficient evidence to the Authority’s satisfaction that the proposed variation—</p> <ul style="list-style-type: none"> <li>(a) is required not as a result of the feed-in approval holder’s act, omission or negligence;</li> <li>(b) is not reasonably foreseeable at the time of the application for the feed-in approval;</li> <li>(c) is just and reasonable; and</li> <li>(d) is not inconsistent with the matters set out in subsection 3(3) of the Act.</li> </ul> <p>2) If the Authority approves an application, it shall cause a notice to be sent to the feed-in approval holder and requiring the feed-in approval holder to deliver the existing certificate of feed-in approval and pay to the Authority the processing fee as prescribed in the Third Schedule.</p>	Approval to change in particulars of information in the certificate of feed-in approval



# Proposed Renewable Energy (Feed-in Approval & Feed-in Tariff Rates) (Amendment) Rules 2013

Part	Section	Detail	Purpose
3	Rule 15: Change in particular of information	<p><b><u>New Rule 15B .....Cont.</u></b></p> <p>3) The Authority shall after approving an application under subrule 15A(1) and upon receipt of the prescribed fee, communicate its decision under subrule (1) to the feed-in approval holder by written notice as soon as practicable.</p> <p>4) The written notice referred to in subrule (3) shall specify any condition imposed on such approval.</p>	Approval to change in particulars of information in the certificate of feed-in approval



# Proposed Renewable Energy (Feed-in Approval & Feed-in Tariff Rates) (Amendment) Rules 2013

Part	Section	Detail	Purpose
3	Rule 16: Replacement of feed-in approval	<p><b><u>Amendment Rule 16</u></b></p> <p>Subrule 16(2) of the principal Rules is amended by inserting immediately after the words “as required by the Authority” the words “and the fee prescribed for its replacement as set out in the Second Schedule.”</p>	<p>To include the fee prescribed for its replacement of FiA</p>



# Proposed Renewable Energy (Feed-in Approval & Feed-in Tariff Rates) (Amendment) Rules 2013

Part	Section	Detail	Purpose
3	Rule 18: Application to assign or transfer feed-in approval	<p><b><u>Amendment Rule 18</u></b></p> <p>The Principal Rules are amended by substituting for rule 18(1) the following sub-rule;</p> <p>1) A feed-in approval holder may apply to assign or transfer his or its feed-in approval by submitting a written application to the Authority and such application shall be accompanied by—</p> <p>(a) the relevant particulars of the proposed assignment or transfer, including the particulars of the proposed assignee or transferee; and</p> <p>(b) the prescribed fees as set out in the Second Schedule.”.</p>	Application to transfer of FiA to DL due to breach of REPPA, sale of house or building for PV installation or any other case



# Proposed Renewable Energy (Feed-in Approval & Feed-in Tariff Rates) (Amendment) Rules 2013

Part	Section	Detail	Purpose
3	Rule 19: Approval to assign or transfer feed-in approval	<p><b><u>Amendment Rule 19</u></b></p> <p>The principal Rules are amended by inserting after subrule 19(5) the following subrule:</p> <p>“19(6) Where the feed-in approval holder dies, the Authority may, on application in writing and on payment of the prescribed fee and subject to such condition as it deems fit, assign or transfer the feed-in approval to a fit and proper person for the benefit of the feed-in approval holder's estate until the expiration of the feed-in approval or such earlier date as the Authority may deem fit and such person shall be deemed to be the feed-in approval holder.”</p>	Approval to transfer of FiA due to Feed-in Approval Holder dies



# Proposed Renewable Energy (Feed-in Approval & Feed-in Tariff Rates) (Amendment) Rules 2013

Part	Section	Detail	Purpose
3	Rule 19: Approval to assign or transfer feed-in approval	<p><b><u>New Rule 19A</u></b></p> <p>The principal Rules are amended by inserting after rule 19 the following rule:</p> <p><b>“Surrender of feed-in approval</b></p> <ol style="list-style-type: none"> <li>1) A feed-in approval holder may surrender his or its feed-in approval by forwarding it to the Authority accompanied by a written notice of the surrender.</li> <li>2) The surrender of a feed-in approval shall not take effect until the Authority is satisfied that adequate arrangements have been made to meet all the liabilities and obligations of the feed-in approval holder that are outstanding at the time when the notice of surrender was given by the feed-in approval holder. The surrender shall be without prejudice to any proceedings for an offence under subsection 8(3) of the Act.</li> <li>3) A surrender of feed-in approval may not be withdrawn by the feed-in approval holder.”</li> </ol>	Allow FIAH to surrender the FiA if unable to proceed the project



# Proposed Renewable Energy (Feed-in Approval & Feed-in Tariff Rates) (Amendment) Rules 2013

Part	Section	Detail	Purpose
5	Rule 24: Fee	<p><b><u>Amendment Rule 24</u></b></p> <p>The principal Rules are amended by substituting for subrule 24(1) the following subrule:</p> <p>“24. (1) The fees in the Second Schedule are prescribed for the purposes of the Act and these Rules.”.</p>	New fees in the Second Schedule



# Proposed Renewable Energy (Feed-in Approval & Feed-in Tariff Rates) (Amendment) Rules 2013

SECOND SCHEDULE: (Subrule 4(1), subrule 11A(3), subrule 15(3), subrule 15B(2), subrule 16(2), subrule 18(1), subrule 19(6), and rule 24)

## Substitution of Second Schedule

- The principal Rules are amended by substituting for the Second Schedule the following Schedule;

Item	Type of fees	Amount (RM)
1	<b>Application form</b> for feed-in approval— (a) in physical form (b) by an electronic medium or by way of an electronic transmission	10.00 per form Nil
2	<b>Application fee</b> for feed-in approval	10.00 per kilowatt of the installed capacity (subject to a minimum fee of RM100.00)
3	<b>Processing fee</b> payable by an eligible producer which is an individual for the application for feed-in approval submitted— (a) in a physical form (b) by an electronic medium or by way of an electronic transmission	200.00 per application 100.00 per application



# Proposed Renewable Energy (Feed-in Approval & Feed-in Tariff Rates) (Amendment) Rules 2013

SECOND SCHEDULE: (Subrule 4(1), subrule 11A(3), subrule 15(3), subrule 15B(2), subrule 16(2), subrule 18(1), subrule 19(6), and rule 24)

Item	Type of fees	Amount (RM)
4	<p><b>Processing fee</b> payable by an eligible producer which is other than an individual for the application for feed-in approval submitted—</p> <p>(a) in a physical form</p> <p>(b) by an electronic medium or by way of an electronic transmission</p>	<p>2,000.00 per application</p> <p>1,000.00 per application</p>
5	<p><b>Processing fee</b> payable by an eligible producer which is an individual for an amendment to particulars in his application for a feed-in approval</p>	100.00
6	<p><b>Processing fee</b> payable by an eligible producer which is other than an individual for an amendment to particulars in its application for a feed-in approval</p>	200.00



# Proposed Renewable Energy (Feed-in Approval & Feed-in Tariff Rates) (Amendment) Rules 2013

SECOND SCHEDULE: (Subrule 4(1), subrule 11A(3), subrule 15(3), subrule 15B(2), subrule 16(2), subrule 18(1), subrule 19(6), and rule 24)

Item	Type of fees	Amount (RM)
7	<p><b>Processing fee</b> payable by a feed-in approval holder which is an individual for an amendment to his feed-in approval relating to—</p> <p>(a) the national registration identity card or passport number of the feed-in approval holder</p> <p>(b) any other particulars</p>	<p>1,000.00</p> <p>300.00</p>
8	<p><b>Processing fee</b> payable by a feed-in approval holder which is other than an individual for an amendment to its feed-in approval relating to—</p> <p>(a) the registration number of the feed-in approval holder</p> <p>(b) any other particulars</p>	<p>5,000.00</p> <p>600.00</p>



# Proposed Renewable Energy (Feed-in Approval & Feed-in Tariff Rates) (Amendment) Rules 2013

SECOND SCHEDULE: (Subrule 4(1), subrule 11A(3), subrule 15(3), subrule 15B(2), subrule 16(2), subrule 18(1), subrule 19(6), and rule 24)

Item	Type of fees	Amount (RM)
9	Application fee payable by a feed-in approval holder which is an individual for variation of conditions of feed-in approval relating to declared annual availability during the effective period, consequent to amendments to particulars in feed-in approval, or otherwise	1,000.00
10	Application fee payable by a feed-in approval holder which is other than an individual for variation of conditions of feed-in approval relating to declared annual availability during the effective period, consequent to amendments to particulars in feed-in approval or otherwise	5,000.00
11	Application fee for replacement feed-in approval	100.00
12	Application fee payable by a feed-in approval holder which is an individual for an assignment or transfer of feed-in approval	1,000.00



# Proposed Renewable Energy (Feed-in Approval & Feed-in Tariff Rates) (Amendment) Rules 2013

SECOND SCHEDULE: (Subrule 4(1), subrule 11A(3), subrule 15(3), subrule 15B(2), subrule 16(2), subrule 18(1), subrule 19(6), and rule 24)

Item	Type of fees	Amount (RM)
13	Application fee payable by a feed-in approval holder which is other than an individual for an assignment or transfer of feed-in approval	5,000.00
14	Application fee payable by applicant for an assignment or transfer of feed-in approval from deceased feed-in approval holder.	200.00

# **Proposed Amendments to the Renewable Energy (Technical & Operational Requirements) Rules**



# Proposed Renewable Energy (Technical & Operational Requirements) (Amendment) Rules 2013

- Arrangement of Rules;
  - Part 1 : Preliminary
  - Part 2 : Planning
  - Part 3 : Connection to Electricity Distribution Network
  - Part 4 : Responsibilities and Costs
  - Part 5 : Commencement of Operation
  - Part 6 : Operation of Renewable Energy Installation
  - Part 7 : Metering and Payment
  - Part 8 : General



# Proposed Renewable Energy (Technical & Operational Requirements) (Amendment) Rules 2013

- These proposed amendments have been approved by the Distribution Code Committee (DCC) on 29 Jan 2013 and agreed to by ST
- DCC Members
  - Suruhanjaya Tenaga (Chair)
  - SEDA Malaysia
  - TNB
  - SESB
  - NUR



# Proposed Renewable Energy (Technical & Operational Requirements) (Amendment) Rules 2013

Part	Section	Detail	Purpose
1	Rule 2: Interpretation	<p>i. To amend the interpretation of voltage levels (ELV, LV, MV, HV) according to ST definition as presented in DCC on 3/10/12 and defined in ST letter dated 21 Nov 2012.</p> <p>ii. The definition of PUP to be expanded to include IEEE standards.</p> <p>iii. To amend the definition of indirect connection by deleting the word 'low voltage' in the definition as below:  "low voltage indirect connection" means the connection of a renewable energy installation to a <del>low voltage</del> supply line indirectly through the internal distribution board of the feed-in approval holder where the renewable energy installation is connected to an electrical point within the premises of the feed-in approval holder instead of the point of common connection".</p>	<p>Amendment of ELV, LV, MV &amp; HV definitions</p> <p>Add IEEE Standards to PUP</p> <p>Amendment of "low voltage indirect connection" definition</p>



# Proposed Renewable Energy (Technical & Operational Requirements) (Amendment) Rules 2013 .... Cont.

Part	Section	Detail	Decision
2	Rule 3: Connection Confirmation Check (CCC)	<p><b><u>Amendment Rule 3</u></b></p> <p>Rule 3 of the principal Rule is amended;</p> <ul style="list-style-type: none"> <li>✓ Subrule 3(1)(a) – a PV installation having a rated kWp exceeding <b>12kWp</b> <del>(72kWp)</del> up to and including 180kWp; or</li> <li>✓ Subrule 3(1)(b) – a non-PV installation having a net export capacity exceeding <b>12kW</b> <del>(72kWp)</del> up to and including 180kW</li> </ul> <p>Maximum period allowed for CCC <b>be increased to 30 calendar days</b> instead of 21 days.</p>	Change of requirement for CCC



# Proposed Renewable Energy (Technical & Operational Requirements) (Amendment) Rules 2013 .... Cont.

Part	Section	Detail	Purpose
3	Rule 8: Low Voltage Indirect Connection	<p><b><u>Amendment Rule 8</u></b></p> <p>A distribution licensee may connect a low voltage renewable energy installation to a connection point through an <del>low-voltage</del> indirect connection if—</p> <ul style="list-style-type: none"> <li>(a) the installation utilizes solar photovoltaic as its renewable resource and the installation is installed in the premises of the feed-in approval holder;</li> <li>(b) the distribution licensee’s supply line at the connection point supplies electricity to such premises exclusively for the consumption of the feed-in approval holder who owns such renewable energy installation; and</li> <li>(c) the total net export capacity or rated kWp of installations including the proposed renewable energy installation as specified in the second column of the Second Schedule does not exceed the nominal voltage level of the connection point as specified in the first column of the Second Schedule.</li> </ul> <p><b>Provided that such indirect connection shall not affect the distribution licensee’s rights as provided under the Electricity Supply Act 1990.”</b></p>	Allow LV indirect connection to MV connection



# Proposed Renewable Energy (Technical & Operational Requirements) (Amendment) Rules 2013 .... Cont.

Part	Section	Detail	Purpose
5	Rule 15: Feed-in Tariff Commencement Date	<p><b><u>Amendment Rule 15</u></b></p> <p>The Principal Rules are amended by inserting after rule 15 the following rule;</p> <p>✓ 4A. The Authority shall, if it is satisfied that the requirements under subrule (1) have been fulfilled, confirm in writing the feed-in tariff commencement date.</p>	FITCD to be decided by Authority of SEDA Malaysia



# Proposed Renewable Energy (Technical & Operational Requirements) (Amendment) Rules 2013 .... Cont.

## “FIRST SCHEDULE: COMPLETION PERIOD AND COST FOR POWER SYSTEM STUDY (PSS)”

No.	<i>Net export capacity or rated kWp of renewable energy installation</i>	<i>Period to complete power system study</i>	<i>Power system study costs</i>
1.	Above 180 kW and up to and including 1MW or above 180kWp and up to and including 1,000kWp	30 days	RM20,000.00
2.	Above 1MW and up to and including 10MW or 1,000kWp and up to and including 10,000kWp	40 days ( <del>30 days</del> )	RM40,000.00
3.	Above 10MW and up to and including 30MW or 10,000kWp and up to and including 30,000kWp	50 days ( <del>42 days</del> )	RM60,000.00
4.	NEW: For housing development area	60 days	RM500.00 per premise



## Proposed Renewable Energy (Technical & Operational Requirements) (Amendment) Rules 2013 .... Cont.

**“SECOND SCHEDULE: TOTAL NET EXPORT CAPACITY OR RATED KW<sub>P</sub> OF INSTALLATIONS THAT CAN BE TECHNICALLY CONNECTED TO A CONNECTION POINT AT ITS NOMINAL VOLTAGE LEVEL”**

No.	Nominal voltage level	<i>Total net export capacity or rated kW<sub>p</sub> of installations including the proposed renewable energy installation that can be technically connected to the connection point</i>
1.	230 Volts	Up to and including <b>12kW</b> ( <del>10kW</del> ) or <b>12kW<sub>p</sub></b> ( <del>10kW</del> )
2.	400 Volts	In respect of Peninsular Malaysia: between <b>12kW</b> ( <del>10kW</del> ) to 425kW or <b>12kW<sub>p</sub></b> ( <del>10kW</del> ) to 425kW <sub>p</sub>



# Proposed Renewable Energy (Technical & Operational Requirements) (Amendment) Rules 2013 .... Cont.

## “FIFTH SCHEDULE: QUALIFICATIONS FOR QUALIFIED PERSONS”

No.	Description of work	Qualifications
1.	Electrical wiring and <b>installation</b> of electrical system <del>design work up to 100A</del> and any certification or written confirmation relating thereto required under these Rules or the RE (Feed-in Approval and Feed-in Tariff rate) Rules 2011	As defined in regulation 65 of the Electricity Regulations 1994 – Part VI, Second Schedule
2.	Any electrical system design work, and any certification or written confirmation relating thereto required under these Rules or the RE (Feed-in Approval and Feed-in Tariff rate) Rules 2011	As defined in regulation 65 of the Electricity Regulations 1994 – Part VI, Second Schedule



# RELEASE OF PV QUOTA

- **Commercial quota**
  - 20 MW for PV systems up to 500 kW
  - Planned for end March 2013
- **Individual quota (max 12 kW)**
  - Still available for H1 and H2 of 2013
- **Proposal for Community project quota**
  - community projects like Houses of Worship, Halls, etc.
  - Max 24 kW
  - SEDA Malaysia studying eligibility criteria



# CAPACITY BUILDING

- SEDA Malaysia making arrangements to conduct
  - **PV Installation Design course**
  - **using Malaysian and International Standards?**
- Additional SEDA PV courses to be introduced in 2013:
  - PV Installer & Maintenance course for school leavers (4 months)
  - PV Technology course for Wiremen/Chargemen (1 week)
  - PV Design, Installation and O & M course for Electrical PEs (1 week)
- Seminars and Workshops will also be held occasionally on topics of PV interest, e.g. Lightning Protection for PV Installations Seminar, scheduled for 14 March 2013.



# THANK YOU

**SEDA Malaysia,**

Galeria PjH, Level 9

Jalan P4W, Persiaran Perdana,  
Presint 4, 62100 Putrajaya,  
Malaysia.

Phone : +603-8870 5800

Email: [fit@seda.gov.my](mailto:fit@seda.gov.my)

Web: [www.seda.gov.my](http://www.seda.gov.my)

