



CURRENT GOVERNING REGULATIONS OF RENEWABLE ENERGY FOR FEED-IN-TARIFF (FIT)



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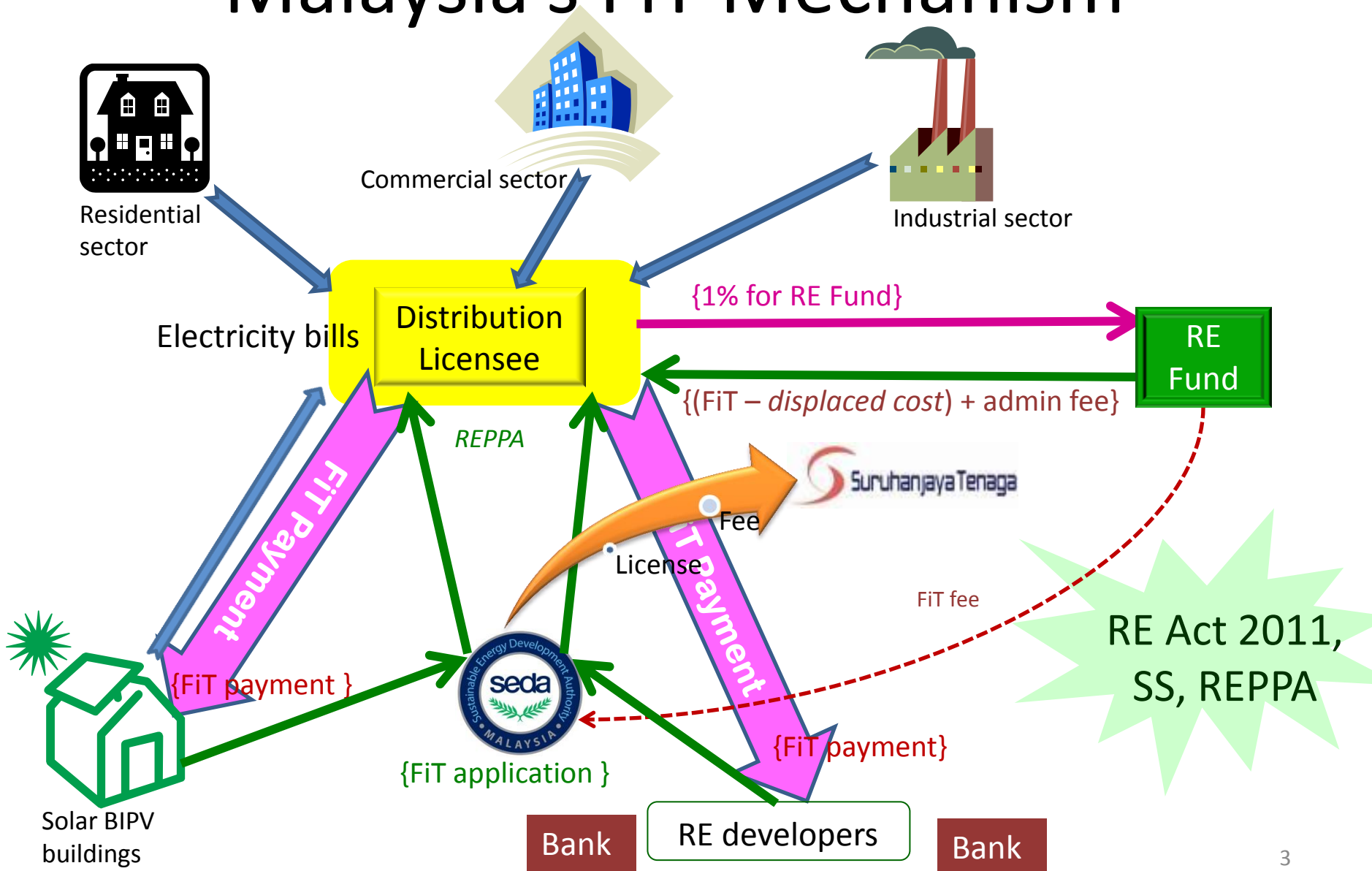
Seminar on RE Standards and FiT Implementation
21 May 2013



Feed-in Tariff (FiT)

- A mechanism that allows electricity that is produced from indigenous RE resources to be **sold to power utilities** at a **fixed premium price** and for **specific duration**.
- Provides a conducive and secured investment environment which will make financial institutions to be comfortable in providing loan with longer period (>15 years).
 - Provides fixed revenue stream for installed system
 - Only pays for electricity produced: promotes system owner to install good quality and maintain the system
 - With suitable degression rate, manufacturers and installers are promoted to reduce prices while enhancing quality

Malaysia's FiT Mechanism





Critical Factors for an Effective FiT Implementation

FiT must be guaranteed via the RE Act, whereby:

S12, S13, S14

- **Access to the grid is guaranteed** – utilities legally obliged to accept all electricity generated by RE private producers
- Local **approval procedures are streamlined** and clear
- **FiT rates are:**
 - ✓ **high enough** to produce ROI + **reasonable profit** (not excessively) to act as an incentive;
 - ✓ **fixed** for a period (typically 20 years) to give certainty & provide businesses with clear investment environment;
 - ✓ **adequate "degression"** to promote cost reduction to achieve “grid parity”
- **Adequate fund is created** to pay for the FiT rates & is guaranteed throughout the whole FiT contract period;
- **Implementation by a competent agency** for constant monitoring, progress reporting and transparency

Part II, S15

**S16,
Schedule**

**S16,
Schedule**

**S17, S18,
Schedule**

**S23, S24,
S25, S19**

REA

**SEDA, S28,
S56**



Renewable Energy Act 2011 (Act 725)

RE Act: an Act to provide for the establishment and implementation of a special tariff system to catalyse the generation of renewable energy and to provide for related matters.

- Part I: Preliminary
- Part II: FiT System
- Part III: Connection, Purchase and Distribution of RE
- Part IV: Feed-in Tariff
- Part V: Renewable Energy Fund
- Part VI: Information Gathering Powers
- Part VII: Enforcement
- Part VIII: General
- Part IX: Savings and Transitional
- SCHEDULE

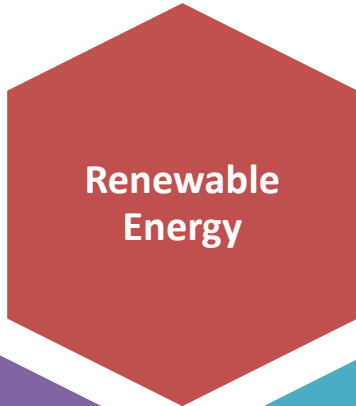


65 Sections



RE Act: Key Interpretations

installation which generates renewable energy and includes any technical facility of that installation which converts mechanical, chemical, thermal or electromagnetic energy directly into electricity;



electricity generated or produced from renewable resources

recurring and non-depleting indigenous resources or technology as set out in the first column of the Schedule of the RE Bill



a person who holds a feed-in approval

Sustainable Energy Development Authority of Malaysia established under the Sustainable Energy Development Authority Act 2011 [Act 726]



holder of a license to distribute issued by the Commission under section 9 of the Electricity Supply Act 1990



Rules under the RE Act 2011

Rule 1 RE (Feed-in Approval and Feed-in Tariff Rate) Rules 2011

- Biogas > 12MW to ≤ 30MW
- Biomass ≤ 12MW
- Biomass > 12MW to ≤ 30MW
- Small hydro ≤ 12MW
- Small hydro > 12MW to ≤ 30MW

- Solar PV > 1MW to ≤ 12MW
- Solar PV > 12 MW to ≤ 30MW



RE (FiA and FiT Rate) Rules 2011

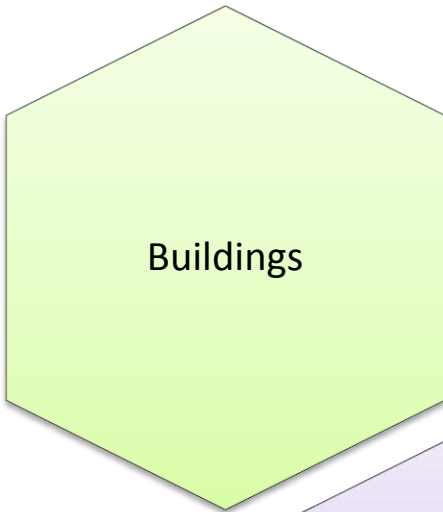
Arrangement of Rules

- Part I: Preliminary
 - Part II: Application for FiA
 - Part III: FiA
 - Part IV: Basic FiT Rate and Bonus
FiT Rate
 - Part V: Calculation of Basic FiT Rate,
Effective Period and Bonus FiT Rate
 - Part VI: Miscellaneous
 - First Schedule
 - Second Schedule
- 26 Rules

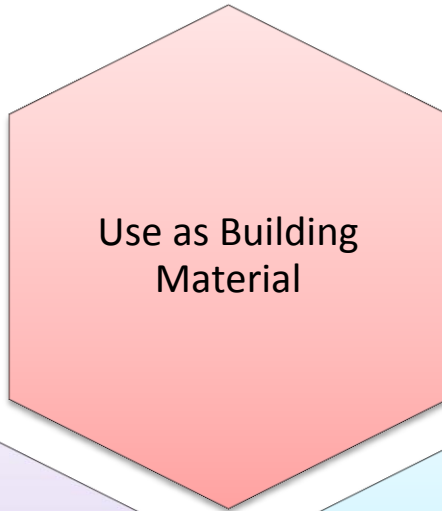


RE (FiA & FiT Rate) Rules 2011 : Key Interpretations

Roofed building structures which can be independently used and entered by human beings and are primarily designed for the purpose of sheltering human beings, animals or objects from the external environment



Buildings



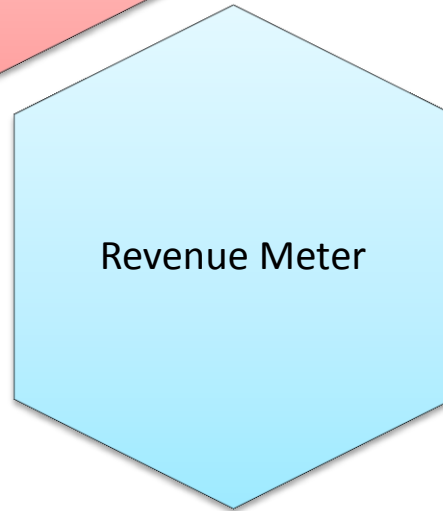
Use as Building Material

Use of the solar PV modules serving the function of a principal building material with no secondary building material beneath such solar PV modules serving the same function

Person possessing qualifications as set out in the Fifth Schedule of the RE (T&O Requirements) Rules 2011



Qualified Person



Revenue Meter

Metering equipment installed in accordance with rule 17 (T&O) and utilized to measure the quantity of RE generated by a RE installation which is delivered through the interconnection cables up to a connection point

BIPV EXAMPLE – use as building material





BIPV Homes - Examples



BIPV Homes – Examples (cont'd)



BIPV extended car porch (3 kW)



BIPV car porch



RE (FiA and FiT Rate) Rules: Eligibility

- Application to SEDA via the online portal or manually
- RE \leq 30MW
- Individuals (\geq 21 years)
 - Malaysians
 - Foreign individuals: limited to solar \leq 72 kWp
 - Direct ownership
- Companies (ROC)
 - All legally registered companies and businesses
 - Direct ownership
 - Shareholding limitations:
 - ✓ DL: \leq 49% within its distribution area
 - ✓ Foreign companies: \leq 49%
- Other entities



Eligibility of Other Entities

The following other persons shall be eligible to apply for a feed-in approval:

- a) **local authority** as defined in the Local Government Act 1976 [Act 171];
- b) a **body corporate** constituted or established under any written law, including a **Joint Management Body** established under section 4 of the Building and Common Property (Maintenance and Management) Act 2007 [Act 663], or a **Management Corporation** under the Strata Titles Act. 1985;
- c) a **registered society** as defined in the Societies Act 1966 [Act 335];
- d) a **co-operative society** as defined in the Co-operative Societies Act 1993 [Act 502];
- e) a **firm** as defined in section 6 of the Partnership Act 1961 [Act 135]; and
- f) such other persons or classes of persons as may be decided by the Authority from time to time.



RE (FiA and FiT Rate) Rules - Eligibility Criteria for FiT Rate

- **Basic Rate:** based on **installed capacity** and renewable resources.
 - If combined multiple renewable resources via same meter: apply **lowest** basic FiT rate & **combined** installed capacity & **shortest** effective period.
 - If using multiple renewable resources with separate meters: **separate** FiT rates & installed capacity & effective period.
- If installed capacity to increase **via same meter** after FiT approval:
 - Need to apply for **new** FiT for new total installed capacity.
 - Must **surrender** the existing FiA certificate.
 - New basic FiT rate is calculated based on lowest rate if multiple renewable resources used & total combined installed capacity & shortest new effective period
- **Bonus FiT** rate: Eligible if apply to entire RE installation.
 - If not entire RE installation but with separate meter: each is addressed as separate application
- **Giving false or misleading information or document: Fine: ≤ RM300K / ≤ 3 years jail**



Biogas-Bonus Eligibility

<p>(a) Use of gas engine technology with electrical efficiency of above 40%</p>	<p>(i) At the time of the application for feed-in approval: Relevant manufacturer's specifications as tested according to international standards by certified testing bodies as may be recognised by the Authority from time to time pursuant to administrative guidelines.</p> <p>(ii) Prior to the feed-in tariff commencement date: Written confirmation by a qualified engineer that the equipment specified in the manufacturer's specifications referred to in subparagraph (i) was installed in the renewable energy installation.</p>
<p>(b) Use of locally manufactured or assembled gas engine technology</p>	<p>(i) At the time of the application for feed-in approval, either—</p> <p>(aa) a certified copy of the manufacturer's licence issued under the Industrial Co-ordination Act 1975 [Act 156];</p> <p>(bb) a certificate of factory acceptance test or its equivalent; or</p> <p>(cc) a certificate from the manufacturer.</p> <p>(ii) Prior to the feed-in tariff commencement date: Written confirmation by a qualified engineer that the gas engine technology equipment from the manufacturer specified in the relevant document referred to in subparagraph (i) was installed in the renewable energy installation.</p>
<p>(c) Use of landfill or sewage gas as fuel source</p>	<p>(i) At the time of the application for feed-in approval:</p> <p>(aa) either written evidence of the applicant's ownership of a landfill or sewage system, or a certified copy of a conditional or unconditional letter or agreement from or with the relevant municipal council or other entity agreeing to supply the applicant with the relevant fuel source; and</p> <p>(bb) written documentation from a qualified engineer setting out the design of the renewable energy installation utilising the relevant fuel source including the relevant equipment for the combustion process of the fuel source, the calculation of the indicative quantity of fuel source required and the calculation of the indicative quantity of renewable energy to be generated from the installation.</p> <p>(ii) Prior to the feed-in tariff commencement date: Written confirmation by a qualified engineer that the applicable requirements of the Renewable Energy (Technical and Operational Requirements) Rules 2011 relating to the commissioning of the renewable energy installation have been successfully met utilising the fuel source substantially in the manner described in sub-subparagraph (i)(bb)</p>

Biomass – Bonus Eligibility

(a) Use of gasification technology	<p>(i) At the time of the application for feed-in approval: Relevant manufacturer's specifications and data sheet tested according to international standards by certified testing bodies as may be recognised by the Authority from time to time pursuant to administrative guidelines, providing for the conversion of biomass to gasification through gasification or plasma technology.</p> <p>(ii) Prior to the feed-in tariff commencement date: Written confirmation by a qualified engineer that the applicable requirements of the Renewable Energy (Technical and Operational Requirements) Rules 2011 relating to the commissioning of the renewable energy installation have been successfully met utilising the technology referred to in subparagraph (i).</p>
(b) Use of steam-based electricity generating systems with overall efficiency of above 14%	<p>(i) At the time of the application for feed-in approval: Written confirmation by a qualified engineer verifying that the criteria will be met based on the design efficiency of the renewable energy installation, accompanied by the relevant calculations.</p> <p>(ii) Prior to the feed-in tariff commencement date: Written confirmation by a qualified engineer that the criteria was successfully met during the commissioning of renewable energy installation in accordance with the applicable requirements of the Renewable Energy (Technical and Operational Requirements) Rules 2011.</p>
(c) Use of locally manufactured or assembled gasification technology	<p>(i) At the time of the application for feed-in approval, either—</p> <ul style="list-style-type: none"> (aa) a certified copy of the manufacturer's licence issued under the Industrial Co-ordination Act 1975 [Act 156]; (bb) a certificate of factory acceptance test or its equivalent; or (cc) a certificate from the manufacturer. <p>(ii) Prior to the feed-in tariff commencement date: Written confirmation by a qualified engineer that the gasification technology equipment from the manufacturer specified in the relevant document referred to in subparagraph (i) was installed in the renewable energy installation.</p>
(d) Use of municipal solid waste as fuel source	<p>(i) At the time of the application for feed-in approval:</p> <ul style="list-style-type: none"> (aa) either written evidence of the applicant's ownership of a landfill, or a certified copy of a conditional or unconditional letter or agreement from or with the relevant municipal council or other entity agreeing to supply the applicant with the fuel source; and (bb) written documentation from a qualified engineer setting out the design of the renewable energy installation utilising the fuel source including the relevant equipment for the combustion process of the fuel source, the calculation of the indicative quantity of fuel source required and the calculation of the indicative quantity of renewable energy to be generated from the installation. <p>(ii) Prior to the feed-in tariff commencement date: Written confirmation by a qualified engineer that the applicable requirements of the Renewable Energy (Technical and Operational Requirements) Rules 2011 relating to the commissioning of the renewable energy installation have been successfully met utilising the fuel source substantially in the manner described in sub-subparagraph (i)(bb).</p>

Solar Photovoltaic-Bonus Eligibility

(a) Use as installation in buildings	<p>(i) At the time of the application for feed-in approval: Design drawings accompanied by the written confirmation by a qualified engineer that the criteria will be met based on such design drawings.</p> <p>(ii) Prior to the feed-in tariff commencement date: Testing and commissioning report.</p>
(b) Use as building material	<p>(i) At the time of the application for feed-in approval: Design drawings accompanied by the written confirmation by a qualified engineer that the criteria will be met based on such design drawings.</p> <p>(ii) Prior to the feed-in tariff commencement date: Testing and commissioning report.</p>
(c) Use of locally manufactured or assembled solar photovoltaic modules	<p>(i) At the time of the application for feed-in approval, either—</p> <ul style="list-style-type: none"> (aa) a certified copy of the manufacturer’s licence issued under the Industrial Co-ordination Act 1975 [Act 156]; (bb) a certificate of factory acceptance test or its equivalent; or (cc) a certificate from the manufacturer. <p>(ii) Prior to the feed-in tariff commencement date: Written confirmation by a qualified engineer that the solar photovoltaic modules from the manufacturer specified in the relevant document referred to in subparagraph (i) was installed in the renewable energy installation.</p>
(d) Use of locally manufactured or assembled solar inverters	<p>(i) At the time of the application for feed-in approval, either—</p> <ul style="list-style-type: none"> (aa) a certified copy of the manufacturer’s licence issued under the Industrial Co-ordination Act 1975 [Act 156]; (bb) a certificate of factory acceptance test or its equivalent; or (cc) a certificate from the manufacturer. <p>(ii) Prior to the feed-in tariff commencement date: Written confirmation by a qualified engineer that the solar inverters from the manufacturer specified in the relevant document referred to in subparagraph (i) was installed in the renewable energy installation.</p>



Manner of certifying copies of documents- as stipulated in SEDA Malaysia Guidelines

- **For bonus FiT, CTC to be done by the following:**
 - (a) Magistrate;
 - (b) Justice of peace;
 - (c) Advocate and solicitor of the High Court of Malaya;
 - (d) A chartered accountant;
 - (e) Notary public;
 - (f) Commissioner for Oaths; or
 - (g) A civil servant failing within the category of “Pegawai Kerajaan Kumpulan Pengurusan dan Profesional”

- **Recognised testing bodies**

For certification of First Schedule to the Feed-in Rules, the certified testing bodies recognised by the Authority are:

- (a) **Underwriters Laboratories (US);**
- (b) **TUV group in Germany; and**
- (c) **Equivalent testing bodies which may be recognised by the Authority on application on a case by case basis.**



Amendments to the FiA Application Form (Profile Requirement) – stipulated in SEDA Malaysia Guidelines

Paid Up Capital Requirement of FiT Applications for ALL Renewable Energy Resources

- Each FIA applicant should have a paid up capital as stated 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**)
 - b. 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**)



Submission of application for a 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 a FiA relating to a PV installation- cont'd

- 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 a FiA relating to a PV installation- cont'd

- 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**.



Submission of application for a FiA relating to a PV installation- cont'd

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 a FiA relating to a PV installation- cont'd

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.

Definition of location = ? => Based on the Address of the applicant



Submission of application for a FiA relating to a PV installation- cont'd

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 cases
- in one or more PV installations



RE (Technical and Operational Requirements) Rules 2011

Arrangement of Rules:

- Part I: Preliminary
- Part II: Planning
- Part III: Connection to Electricity
Distribution Network
- Part IV: Responsibilities and Costs
- Part V: Commencement of Operation
- Part VI: Operation of RE Installation
- Part VII: Metering and Payment
- Part VIII: General
- First Schedule
- Second Schedule
- Third Schedule
- Fourth Schedule
- Fifth Schedule



27 Rules



Proposed RE (Technical and Operational Requirements) (Amendment) Rules 2013

Part	Section	Detail	Purpose
1	Rule 2: Interpretation	<ul style="list-style-type: none"> <li data-bbox="407 354 1568 518">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. <li data-bbox="407 601 1568 701">ii. The definition of PUP to be expanded to include IEEE standards. <li data-bbox="407 786 1568 1382">iii. To amend the definition of indirect connection by deleting the word 'low voltage' in the definition as below: <ul style="list-style-type: none"> <li data-bbox="504 911 1568 1382">▪ "low voltage indirect connection" means the connection of a renewable energy installation to a low voltage 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 data-bbox="1617 354 1870 561">Amendment of ELV, LV, MV and HV definitions</p> <p data-bbox="1617 639 1870 789">Add IEEE Standards to PUP</p> <p data-bbox="1617 982 1870 1303">Amendment of 'low voltage indirect connection' definition</p>



Proposed RE (Technical and Operational Requirements) (Amendment) Rules 2013–cont'd

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



Proposed RE (Technical and Operational Requirements) (Amendment) Rules 2013–cont'd

Part	Section	Detail	Purpose
3	Rule 8: Low Voltage Indirect Connection	<p><u>Amendment Rule 8</u></p> <p>Rule 8 of the principal Rule is amended;</p> <p>A distribution licensee may connect a low voltage renewable energy installation to a connection point through an (low voltage) indirect connection if -</p> <ol style="list-style-type: none"> a. the installation utilizes solar photovoltaic as its renewable resource and the installation is installed in the premises of the feed-in approval holder; 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 c. (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. <p>Subject to the distribution licensee’s rights as provided under the Electricity Supply Act 1990.”</p>	To enable low voltage indirect connections at premises where the supply line maybe MV.



Proposed RE (Technical and Operational Requirements) (Amendment) Rules 2013–cont'd

Part	Section	Detail	Purpose
5	Rule 15: Feed-in Tariff Commence- ment Date	<p><u>Amendment Rule 15</u></p> <p>The Principal Rules are amended by inserting after rule 15 the following subrule;</p> <p>✓ 3A. The Authority shall, whenever 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 the Authority (SEDA Malaysia).



Proposed RE (T&O Requirements) (Amendment) Rules 2013 “First Schedule”

No.	FIRST SCHEDULE: Completion Period and Cost for Power System study	
1.	Above 180 kW and up to and including 1MW or above 180kW and up to and including 1,000 kWp	30 days
2.	Above 1MW and up to and including 10MW or 1,000kWp and up to and including 10,000kWp	40 days (30 days)
3.	Above 10MW and up to and including 30MW or 10,000kWp and up to and including 30,000kWp	50 days (42 days)
4.	NEW: For housing development area	60 days

No change in fees for no. 1-3

Cost of PSS for housing development area is based on RM500 per premise.



Proposed RE (T&O Requirements) (Amendment) Rules 2013 “Second Schedule”

No.	SECOND SCHEDULE: Total Net Export Capacity or rated kWp of Installations that can be Technically Connected to a Connection Point at its Nominal Voltage Level	
1.	230 Volts	Up to and including 12kW (10kW) or 12kWp (10kW)
2.	400 Volts	In respect of Peninsular Malaysia: between 12kW (10kW) to 425kW or 12kWp (10kW) to 415kWp



Proposed RE (T&O Requirements) (Amendment) Rules 2013 “Fifth Schedule”

No.	Description of work	Qualifications
1.	Electrical wiring and installation electrical system design work up to 100A 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 [Certificate of Competency as a Wireman as issued by the EC; and Certificate of training on solar PV and chargemen issued by the Authority]
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 [Registered with the Board of Engineers Malaysia as a Professional Engineer (Electrical)]

FYI - Penalties

RE Bill	Offender	Offence	Penalty
8(3)	FIAH	Fail to comply with feed-in approval condition	≤ RM500K / ≤ 3 yrs jail
12(9)	DL	Fail to sign REPPA within prescribed period	≤ RM1M
13(4)	DL	Fail to connect RE within prescribed period	≤ RM1M
14(3)	DL	Fail to purchase and distribute RE as a priority	≤ RM1M
22(1)	FIAH	Dishonest RE generation	≤ RM1M / ≤ 5 yrs jail
24(2)	DL	Fail to allocate and pay to RE Fund	≤ RM1M
32(2)	Any person	Fail to to provide access to records	≤ RM200K
35	Any person	Fail to comply to order from Authority	≤ RM50K / ≤ 6 mths jail
39(7)	Any person	Break/tamper/damage seal	≤ RM50K / ≤ 6 mths jail
51	Any person	Obstruction towards auhtorized officer	≤ RM200K / ≤ 2 yrs jail
58(11)	Any person	Fail to comply to directions by the Authority	≤ RM200K / ≤ 2 yrs jail



Other Related Rules

- **S.56.** (1) The Authority shall monitor all significant matters relating to the implementation and performance of the feed-in tariff system and submit a report thereof to the Minister after the end of each financial year of the Authority.
- **S.60.** The Minister may make regulations for all or any of the following purposes:
- **S.61.** The Authority may make such rules for all or any of the following matters
- **S.63.** The Minister may, by order published in the *Gazette*, amend the *Schedule*.

To be read together with:

S.18. (1) The Authority shall review the degression rates in respect of any category of renewable energy installation at least once every three years after the date this Act comes into operation for the purposes of improving the overall performance of the feed-in tariff system to better achieve the objective of this Act.



Other Related Rules – cont'd

Existing renewable energy generators

S.64. (1) An eligible producer who has executed an agreement for the sale and purchase of electricity with a distribution licensee prior to the coming into operation of this Act shall have the option of either—

- a) applying to participate in the feed-in-tariff system, terminating any such prior agreement with the distribution licensee with the consent of the distribution licensee and entering into a renewable energy power purchase agreement prescribed under this Act; or
- b) continuing under his or its existing agreement with the distribution licensee and not participating in the feed-in tariff system.

(3)the effective period applicable to such feed-in approval holder shall be reduced by a period equivalent to the period during which his or its renewable energy installation had generated electricity for commercial sale to the distribution licensee prior to the grant of the feed-in approval.

S.65. Existing licences: no change



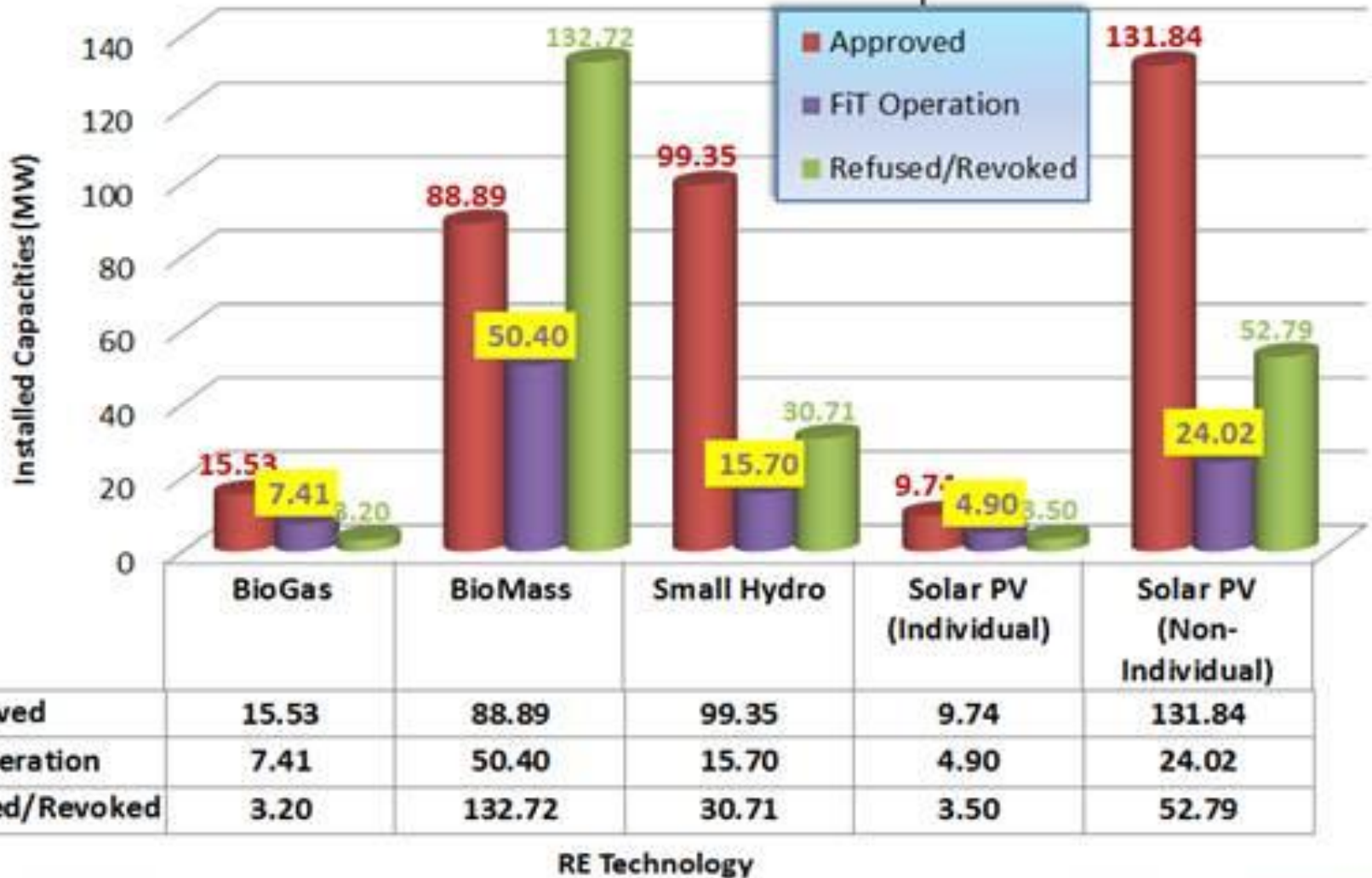
Other Technical Requirements – in the pipeline

Preparation of Technical Guidelines for Solar PV, Biomass, Biogas = > **different from SEDA Malaysia Guidelines**

- Please remember to always refer to SEDA Malaysia Guidelines to enable applicants or service providers comply technically with the requirements of SEDA Malaysia at :
 - The point of IOD; **Be well versed : Chapter 4.4-4.6**
 - In carrying out the RR;
 - At the point of T&C; and
 - Throughout the operations of the plant.
- To complete/review the details of guidelines including acceptance test, reliability run, etc.
- SEDA Malaysia will make periodic announcements on when the Technical Guidelines are ready.

Status of Applications as of 30 April 2013

Installed Capacities of Feed-in Approvals up to 30 April 2013



Thank you



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