

Application for Registration as NEDA Participant

1. All Applicants (PPA/SLA Generators, Ex-PPA/SLA Generators, Part-PPA/SLA Generators, Large Merchant Generators, Solar Power Producer, Price Takers and Corporate Renewable Energy) who wish to participate in the New Enhanced Dispatch Arrangement (NEDA) in accordance with the proposed new bidding process under NEDA Guidelines shall complete the Registration Form and submit it to Single Buyer which is representing the Energy Commission in the Registration Process for the purpose of NEDA.
2. The completed Registration Form shall be returned to the following address with a scanned copy emailed to Single Buyer at the corresponding address:

Single Buyer
Level 9, Menara Pernas
Tower 7 Avenue 7
No. 8, Jalan Kerinchi
59200 Kuala Lumpur

Email : mo-neda@singlebuyer.com.my
Website : www.singlebuyer.com.my
Phone : (03) 2245 8000
Fax : (03) 2241 1854

3. A scanned copy of the completed Registration Form shall also be emailed to Energy Commission at the following address:

Chief Executive Officer
Energy Commission
No. 12, Jalan Tun Hussein
Precinct 2, 62100 Putrajaya

Email: neda@st.gov.my

4. Upon receiving a Verification Confirmation notice from Single Buyer, the data submitted during the Registration Process will be considered as Registration Data. If there is any deviation from the Registration Data, the Applicant is required to immediately submit amendments to the Registration Data. Where in the opinion of the Energy Commission or Single Buyer that the information is insufficient, the Energy Commission or Single Buyer may request additional data from the Applicant.
5. General guidelines for completing the Registration Form:
 1. Please ensure that **all** fields under "Submitted Data" column are clearly filled.
 2. If the item is **not relevant**, please fill in the "Submitted Data" column as "Not Applicable" or "N/A".
 3. Failure to comply with no. 1 and 2, the submission is considered as **incomplete** and may not be considered for NEDA registration application.
 4. If there are any additional notes, please use the "Remarks" column. Otherwise, leave as blank.
 5. If in doubt, please refer to the relevant sections of the NEDA Guidelines, NEDA Registration Process Guideline, Single Buyer Rules (SBR), Malaysian Grid Code (MGC) and Malaysia Distribution Code (MDC) for definitions of terms and further information.

DISCLAIMER

1. It is the responsibility of the Applicant to submit accurate data in relation to its Generating Facility. The Applicant also has the responsibility of immediately notifying any changes to information submitted during the Registration Process or the Registration Data once it has become a NEDA Participant.
2. ST and SB shall not be held responsible for any consequences which arise from its actions on the basis of such information supplied by any Applicant.
3. ST and SB may disclose the information submitted to the specialists, experts or consultants it may engage in the course of verification process and the Applicant has no objections for such submission.
4. ST and SB may reasonably request additional data to represent correctly the technical parameters or other relevant information in relation to such Generating Facility.
5. ST and SB shall not be liable for any claims, demands, cost, actions, losses and/or damages suffered by any party (including the Applicant) whatsoever arising out of and/or in connection with NEDA including any claims, demands, cost, actions, losses and/or damages which may arise as a result of the ST's and SB's reliance on or use of the information provided by the Applicant. The Applicant agrees to indemnify ST and SB from and against all claims, demands, actions and proceedings brought against the ST and SB.

Registration Form

(This form for Registration as a NEDA Participant is issued by the Energy Commission and may be revised as and when necessary. The latest version of the form may be downloaded from the Energy Commission website or the Single Buyer website).

1. APPLICANT DETAILS

Company / Business Name: _____

Company Registration Number: _____

Registered Business
Address: _____

Phone Number: _____ Fax Number: _____

Email Address: _____

(Preferred Mailing Address, if different than above)

Other Address: _____

Phone Number: _____ Fax Number: _____

Email Address: _____

Main Contact Person

Name: _____

Designation: _____

Phone Number: _____ Email Address: _____

2. SITE DETAILS

Site Address: _____

Registered Land

Owner: _____

Please do not leave any item as an empty field. Fill in "N/A" if it is not applicable

PART 1: General Registration Data Requirement

PART 1.1: Category Data

Registration Data	Submitted Data	Remarks
Registration Category (please tick ONE only)		
Centrally Dispatched Generating Facility:		
PPA/SLA Generator	<input type="checkbox"/>	
Ex-PPA/SLA Generator	<input type="checkbox"/>	
Large Merchant – Co-generation Plant	<input type="checkbox"/>	
Large Merchant – Renewable Plant	<input type="checkbox"/>	
Large Merchant – Franchise Utility	<input type="checkbox"/>	
Large Merchant – Part PPA/SLA Generator	<input type="checkbox"/>	
Large Merchant – Expired PPA/SLA Generator on Own Fuel	<input type="checkbox"/>	
Large Merchant – Any other Generating Facility	<input type="checkbox"/>	
Non-Centrally Dispatched Generating Facility		
Solar Power Producer	<input type="checkbox"/>	
Price Taker – Co-generation Plant	<input type="checkbox"/>	
Price Taker – Renewable Plant	<input type="checkbox"/>	
Price Taker – Small Franchise Utility	<input type="checkbox"/>	
Price Taker – Expired PPA/SLA Generator on Own Fuel	<input type="checkbox"/>	
Price Taker – Any other Generating Facility	<input type="checkbox"/>	
Corporate Renewable Energy	<input type="checkbox"/>	

PART 1.2: Bank Data (for payment)

Registration Data	Submitted Data	Remarks
Bank Name		
Bank's Address		
Account Number		

PART 2: Detailed Registration Data Requirement**PART 2.1: PPA/SLA Generator Data**

Registration Data	Submitted Data	Remarks
As per PPA/SLA		

PART 2.2: Ex-PPA/SLA Generator Data

Registration Data	Submitted Data	Remarks
Facility name		
Unit number		
License Registration number		
Date of : (dd/mm/yyyy)		
Estimated Participation Date		
Retirement (if applicable)		
Generating Unit Type		
Steam coal	<input type="checkbox"/>	
Steam gas	<input type="checkbox"/>	
Open cycle gas turbine	<input type="checkbox"/>	
Combined cycle gas turbine	<input type="checkbox"/>	
Others (please specify)	<input type="checkbox"/>	
Fuel		
Primary		
Alternate		
For combined cycle gas turbine, please state the Generating Unit's configuration		
1GT + 1ST	<input type="checkbox"/>	
2GT + 1ST	<input type="checkbox"/>	
3GT + 1ST	<input type="checkbox"/>	
Others (please specify)	<input type="checkbox"/>	
Rated/Nameplate Facility capacity (main fuel)		
Max Generation Output (MW)		
Min Generation Output (MW)		
Despatch Ramp Rates of Generating Facility (between max & min)		
Maximum Ramp Up Rate (MW/min)		
Maximum Ramp Down Rate (MW/min)		
Minimum Up Time from GSO's Dispatch Instruction (hours)		
Minimum Down Time from GSO's Dispatch Instruction (hours)		

Registration Data	Submitted Data	Remarks
Start-up Time (hours):		
Hot		
Warm		
Cold		
Technical Heat Rate	Refer to Part 2.2.1 Requirement for heat rate test will be discussed during Registration Process depending on the Generating Facility and gas supply facility design.	
Fast Start capability? [Yes/No]		
Default Bid Data		
Default Price Quantity Pair	Refer to Part 2.2.2	
Start-up Cost (RM per start-up)		
Fuel Arrangement		
Gas Supply Agreement (GSA)		
Effective date (dd/mm/yyyy)		
End date (dd/mm/yyyy)		

PART 2.2.1: Technical Heat Rate (for Ex-PPA/SLA Generator)

Schedule of Heat Rates (at the higher heating value)(in 1 MW steps) for each Generation Facility, with Heat Rates displaying a monotonically decreasing trend.

Load (MW)	Heat Rate (kJ/kWh)
Full Load	
Minimum Load	

PART 2.2.2: Default Price and Quantity Pair (for Ex-PPA/SLA Generator)

Bidding Period :		
Band	Load (MW)	Price (RM/kWh)
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Note: All figures can be specified up to 2 decimal points. Please refer to Registration Form sample in the MPI.

PART 2.3: Large Merchant Generator Data

Description of Data	Submitted Data	Remarks
Facility name		
Unit number		
Generating Unit Type		
Steam coal	<input type="checkbox"/>	
Steam gas	<input type="checkbox"/>	
Open cycle gas turbine	<input type="checkbox"/>	
Combined cycle gas turbine	<input type="checkbox"/>	
Others (please specify)	<input type="checkbox"/>	
Licensing (Type and Registration Number)		
Generating License		
Other co-existing Licenses (if any)		
Date of : (dd/mm/yyyy)		
Estimated Participation Date		
Rated/Nameplate Generating Facility capacity		
Max (MW)		
Min (MW)		
Excess capacity to be registered under NEDA (MW)		
For combined cycle gas turbine, please state the Generating Unit's configuration		
1GT + 1ST	<input type="checkbox"/>	
2GT + 1ST	<input type="checkbox"/>	
3GT + 1ST	<input type="checkbox"/>	
Others (please specify)	<input type="checkbox"/>	
Despatch Ramp Rates of Generating Facility (between max & min):		
Maximum Ramp Up Rate (MW/min)		
Maximum Ramp Down Rate (MW/min)		
Minimum Up Time from GSO's Dispatch Instruction (hours)		
Minimum Down Time from GSO's Dispatch Instruction (hours)		
Start-up Time (hours):		
Hot		
Warm		
Cold		
Fast Start capability? [Yes/No]		

Description of Data	Submitted Data	Remarks
Default Bid Data		
Default Price Quantity Pair	Refer to Part 2.3.1	
Start-up Cost (RM per start-up)		
Fuel Arrangement		
Effective date (dd/mm/yyyy)		
End date (dd/mm/yyyy)		

PART 2.3.1: Default Price and Quantity Pair (for Large Merchant Generator)

Bidding Period :		
Band	Quantity (MW)	Price (RM/kWh)
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Note: All figures can be specified up to 2 decimal points. Please refer to Registration Form sample in the MPI.

PART 2.4: Price Takers Data

Description of Data	Submitted Data	Remarks
Facility Name		
Facility Capacity:		
Installed Capacity (kW or MW)		
Export Capacity to be registered under NEDA (based on PSS as approved by TNB)		
Facility's Fuel Type (Coal/Gas/Others-please specify)		
Generating Unit Type:		
Steam coal	<input type="checkbox"/>	
Steam gas	<input type="checkbox"/>	
Open cycle gas turbine	<input type="checkbox"/>	
Combined cycle gas turbine	<input type="checkbox"/>	
Others (please specify)	<input type="checkbox"/>	
Existing Connection to TNB:		
Registered TNB Account Number		
Connection Voltage Level: 500kV	<input type="checkbox"/>	
Connection Voltage Level: 275kV	<input type="checkbox"/>	
Connection Voltage Level: 132kV	<input type="checkbox"/>	
Connection Voltage Level: 33kV	<input type="checkbox"/>	
Connection Voltage Level: 11kV	<input type="checkbox"/>	
Connection Voltage Level: Others (please specify)	<input type="checkbox"/>	
Date of: (dd/mm/yyyy)		
Estimated Participation Date		
Licensing (Type and Registration Number)		
Generating License		
Other co-existing Licenses (if any)		

PART 2.5: Solar Power Producers Data

Description of Data	Submitted Data	Remarks
Facility name		
Licensing (Type and Registration Number)		
Generation Licence		
Other co-existing Licences (if any)		
Established Capacity to be registered under NEDA(MW)		

PART 2.6: Corporate Renewable Energy Data

Description of Data	Submitted Data	Remarks																																	
Facility Name																																			
Facility Capacity:																																			
Proposed Export Capacity (MW) <i>*To be submitted before Power System Study (PSS) approval from PSS Approval Committee</i>																																			
Export Capacity to be registered under NEDA (MW) <i>*To be submitted after obtaining approval from PSS Approval Committee</i> <i>*A copy of PSS report and letter of PSS approval shall be submitted</i>																																			
Facility Type:																																			
Solar	<input type="checkbox"/>																																		
Hydro	<input type="checkbox"/>																																		
Wind	<input type="checkbox"/>																																		
Biomass	<input type="checkbox"/>																																		
Biogas	<input type="checkbox"/>																																		
Others (please specify)	<input type="checkbox"/>																																		
Supply category:																																			
Firm Output	<input type="checkbox"/>																																		
Non-firm Output	<input type="checkbox"/>																																		
Maximum Monthly Energy Output (MWh)																																			
Total No. Green Consumer(s)																																			
Name of Green Consumer(s) and percentage of energy allocated for each Green Consumer (GC) out of the Maximum Monthly Energy Output <i>*The total percentage of GC1+ GC2.... is 100%. Please list down all the Green Consumers.</i>	<table border="1"> <thead> <tr> <th>No</th><th>GC Name</th><th>% of Energy Allocated</th></tr> </thead> <tbody> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> </tbody> </table>	No	GC Name	% of Energy Allocated																															
No	GC Name	% of Energy Allocated																																	

PART 2.6.1: Company Profile for Renewable Energy Developer

No.	Particulars				
1.	Type of company	Private Limited / Limited / Public Listed / Others (please specify) _____			
2.	Nature of Business				
3.	Status of Company	Foreign / Local			
4.	Place of Incorporation				
5.	Date of Incorporation <i>*To submit certified copy of SSM registration</i>				
6.	Details of Shareholders (Please indicate type of share)				
No.	Name	Company Registration / NRIC / Passport No.	% Equity	Type of share	Designation
7.	Details of Board of Directors				
No.	Name	NRIC / Passport No.	% Equity	Designation	
8.	Equity Structure (%)				
	(a) Bumiputera Individual				
	(b) Non-Bumiputera Individual				
	(c) Institutional/Government Linked Entities				
	(d) Foreign / Non-Malaysian citizen (if applicable)				
9.	Execution Date of Back-feed Agreement with EUC <i>*This execution date and a copy of the executed and stamped Back-feed Agreement to be submitted after obtaining license approval from ST</i>	(DD/MM/YYYY): ____/____/____			

Declaration of Renewable Energy Developer

Has the company and/or any of its Directors declared/committed to any of the following which may result in ineligibility and from participating in the Corporate Renewable Energy Supply Scheme (CRESS)?		
a) Bankruptcy	<input type="checkbox"/> Yes	<input type="checkbox"/> No
b) Insolvency or subject of a sequestration Petition	<input type="checkbox"/> Yes	<input type="checkbox"/> No
c) Being in receivership or subject to a winding up order	<input type="checkbox"/> Yes	<input type="checkbox"/> No
d) Conviction of a criminal offence relating to the conduct of the business	<input type="checkbox"/> Yes	<input type="checkbox"/> No
e) Any previous/current arbitration or court proceeding, if yes, please provide details.	<input type="checkbox"/> Yes	<input type="checkbox"/> No
f) Committed an act of grave misconduct in the course of a business or profession	<input type="checkbox"/> Yes	<input type="checkbox"/> No
g) Failure to fulfil Employees Provident Fund obligations	<input type="checkbox"/> Yes	<input type="checkbox"/> No
h) Overdue debts toward contractors or the revenue or customs authorities of Malaysia	<input type="checkbox"/> Yes	<input type="checkbox"/> No
i) Misrepresentation of information concerning eligibility, economic and financial standing and technical capacity of the company	<input type="checkbox"/> Yes	<input type="checkbox"/> No
j) Any Directors have any exposure and/or are related to the Directors, shareholders, or executive officers of Energy Commission or its advisors	<input type="checkbox"/> Yes	<input type="checkbox"/> No
k) A record of unsatisfactory past performance, including breach of contract, untimely completion, poor claims history and defective workmanship, if yes, please provide details.	<input type="checkbox"/> Yes	<input type="checkbox"/> No
l) Others, please provide details		

.....
Signature of Authorised Representative of the Renewable Energy Developer

Name in Full :

Designation :

Address :

.....

Email :

Date :

PART 2.6.2: Company Profile for Green Consumer

No.	Particulars	
1.	Company Name	
2.	Company Registration No. <i>*A certified copy of SSM registration shall be submitted</i>	
3.	Registered Address in Malaysia	
4.	Correspondence Address in Malaysia	
5.	Address of Headquarters (if located overseas)	
6.	Telephone No.	
7.	Fax No.	
8.	Email Address	
9.	Website	
10.	Type of Company	Private Limited / Limited / Public Listed / Others (please specify) _____
11.	Nature of Business	
12.	Status of Company <i>*To provide document proof</i>	Foreign / Local RE100: Yes / No ESG Commitment / Compliance: Yes / No
13.	Status of Consumer	<p><input type="checkbox"/> New Consumer</p> <p>(a) Date of Application for Electricity Supply to EUC (DD/MM/YYYY): ____/____/____</p> <p>(b) Target Electricity Supply date from EUC (DD/MM/YYYY): ____/____/____</p> <p><input type="checkbox"/> Existing Consumer</p> <p>(a) Signing Date of Electricity Supply Agreement with EUC (DD/MM/YYYY): ____/____/____</p> <p>(b) Electricity Supply Date from EUC (DD/MM/YYYY): ____/____/____</p>
14.	Maximum Demand (MW) <i>*Maximum Demand as stated in the Corporate Renewable Energy Supply Agreement between Green Consumer and the EUC</i>	<p><input type="checkbox"/> New Consumer</p> <p>(a) Declared Maximum Demand = ____ MW</p> <p>(b) Load Factor = ____%</p> <p><input type="checkbox"/> Existing Consumer</p> <p>(a) Additional Maximum Demand = ____ MW</p>
15.	Average Monthly Energy Consumption (MWh)	
16.	Percentage of Energy Allocated out of the Maximum Monthly	

	Energy Output of the Green Energy Plant (%)				
17.	Electricity Utility Company (EUC) Account No.				
18.	Place of Incorporation				
19.	Date of Incorporation				
20.	Details of Shareholders (for local company, please indicate type of share)				
No.	Name	Company Registration / NRIC / Passport No.	% Equity	Type of share	Designation
21.	Details of Board of Directors (for local company)				
No.	Name	NRIC/ Passport No.	% Equity	Designation	
22.	Equity Structure (%)				
	a) Malaysian				
	b) Foreign				
23.	Execution Date of Bilateral Energy Supply Contract between Renewable Energy Developer and Green Consumer <i>*A copy of executed and stamped Bilateral Energy Supply Contract shall be submitted</i>		(DD/MM/YYYY): ____/____/____		
24.	Execution Date of Corporate Renewable Energy Supply Agreement between Green Consumer and EUC <i>*This execution date and a copy of executed and stamped Corporate Renewable Energy Supply Agreement shall be submitted after the EUC Account Number is available</i>		(DD/MM/YYYY): ____/____/____		

Declaration of Green Consumer

Has the company and/or any of its Directors declared/committed to any of the following which may result in ineligibility and from participating in the Corporate Renewable Energy Supply Scheme (CRESS)?		
a) Bankruptcy	<input type="checkbox"/> Yes	<input type="checkbox"/> No
b) Insolvency or subject of a sequestration Petition	<input type="checkbox"/> Yes	<input type="checkbox"/> No
c) Being in receivership or subject to a winding up order	<input type="checkbox"/> Yes	<input type="checkbox"/> No
d) Conviction of a criminal offence relating to the conduct of the business	<input type="checkbox"/> Yes	<input type="checkbox"/> No
e) Any previous/current arbitration or court proceeding, if yes, please provide details.	<input type="checkbox"/> Yes	<input type="checkbox"/> No
f) Committed an act of grave misconduct in the course of a business or profession	<input type="checkbox"/> Yes	<input type="checkbox"/> No
g) Failure to fulfil Employees Provident Fund obligations	<input type="checkbox"/> Yes	<input type="checkbox"/> No
h) Overdue debts toward contractors or the revenue or customs authorities of Malaysia	<input type="checkbox"/> Yes	<input type="checkbox"/> No
i) Misrepresentation of information concerning eligibility, economic and financial standing and technical capacity of the company	<input type="checkbox"/> Yes	<input type="checkbox"/> No
j) Any Directors have any exposure and/or are related to the Directors, shareholders, or executive officers of Energy Commission or its advisors	<input type="checkbox"/> Yes	<input type="checkbox"/> No
k) A record of unsatisfactory past performance, including breach of contract, untimely completion, poor claims history and defective workmanship, if yes, please provide details.	<input type="checkbox"/> Yes	<input type="checkbox"/> No
l) Others, please provide details		

.....
Signature of Authorised Representative of the Green Consumer

Name in Full :

Designation :

Address :

.....

Email :

Date :

PART 2.6.3: Project Details and Costs of Green Energy Plant

The applicant shall submit details of peak installed capacity of PV (MWp) (if applicable), installed capacity in a.c. rating (MWa.c.), capacity of BESS (if applicable), export capacity (MWa.c.), levelised cost of electricity (RM/kWh), commercial operation date, average annual export energy (MWh), capacity factor (%), performance ratio (if applicable), capital expenditures (RM), operation expenditures (RM) etc. of the Green Energy Plant in the following list.

A. Project Cost, Plant Capacity, Export Energy and Other Main Items of the Project

1.	Execution Date of Land Lease Agreement or Sale and Purchase Agreement <i>*A copy of executed and stamped Land Lease Agreement or Sale and Purchase Agreement or Land Title shall be submitted</i>	(DD/MM/YYYY): ____/____/____
2.	Levelised Cost of Electricity (RM/kWh)	
3.	Installed PV Peak Capacity (MWp) (if applicable)	
4.	Installed Capacity in A. C. Rating. (MWa.c. at inverter output)	
5.	Export Capacity (MWa.c.)	
6.	Average Annual Energy Production (MWh) ¹	
7.	Average Annual Export Energy (MWh) of Green Energy Plant ²	
8.	Capacity Factor (%)	
9.	Performance Ratio (if applicable)	
10.	Battery Energy Storage System (MW and MWh) (if applicable)	
11.	Scheduled Commercial Operation Date (DD/MM/YYYY)	
12.	Interconnection Voltage (kV)	
13.	Interconnection Point (Location and name of substation/line)	
14.	Execution Date of Renewable Energy System Access Agreement <i>*This execution date and a copy of the executed and stamped Renewable Energy System Access Agreement shall be submitted after the agreement is executed</i>	(DD/MM/YYYY): ____/____/____
15.	Total Project Cost (RM)	
16.	Project IRR	

Note:

¹This figure shall be the average annual quantity energy over the project period based on the plant parameters, system design, prudent industry practices and the forecast irradiance at the plant site (applicable for solar).

²This figure shall be the average annual quantity of the Green Energy Plant, i.e. the solar PV system and the BESS (if applicable) over the project period.

Please use attachment where necessary. Each attachment must be certified, signed and dated by the authorised representative of the applicant.

B. Capital and Operation Expenditures**(a) Capital Expenditures**

No.	Items	Capital Cost (RM million)
1.	PV Modules / Generating Facility	
2.	Mounting Structures (Please indicate whether installed with tracking system) (if applicable)	
3.	Inverters (if applicable)	
4.	Balance of System (LV, MV switchgears, transformers, cables etc. at Plant Site)	
5.	Battery Energy Storage System (if applicable)	
6.	Civil, Building and other Ancillary Works	
7.	Interconnection Facility (substation/switching station, transformers, switchgear, cabling works etc. outside the plant Site)	
8.	Land Purchase Costs (if relevant)	
9.	Power System Study (PSS)	
10.	Design, Installation, Supervision, Testing, Commissioning and other Project and Other Engineering Services	
11.	Others (Please provide details)	
12.	Total	

(b) Operation Expenditures

No.	Items	Levelised Cost (RM)
1.	Staff Salaries, Wages, Remuneration and other Administration Costs	
2.	Plant Operation and Maintenance Expenses	
3.	Insurances	
4.	Annual Land Lease (if relevant)	
5.	Other Operation Costs and Expenses (excluding above items 1 to 4)	

6.	Others, if any (Please provide details)	
7.	Total	

PART 2.6.4: Technical Information

1.0 Technical Information

The following technical information shall be submitted by the Renewable Energy Developer.

2.0 General

A brief description of the Green Energy Plant project includes but not limited to the following:

- brief description of the Green Energy Plant such as PV peak capacity (if applicable), export capacity, type of solar PV installation (roof mounted/ground mounted/ mounted on structure/floating on water body) (if applicable), type of tracking system (if applicable), type and capacity of battery energy storage system (if applicable), plant equipment data, etc.;
- brief description of the site of the Green Energy Plant and the neighborhood with site photographs such as land use, environment, current facilities, economic activities etc.;
- brief description of the interconnection facility such as location, interconnection voltage, interconnection arrangement etc.;
- project schedule with milestones of important activities.
- plant efficiency (%)

3.0 Export Energy

Renewable Energy Developer shall declare the daily, monthly and annual export energy of the Green Energy Plant according to the following format and submit a copy of the results of simulation and evaluation of export energy of the plant using the latest **PVsyst Simulation (for solar)** or other latest energy simulation software (for other technologies).

- Typical Daily Energy Export Energy Profiles of typical daily export energy of the of the Green Energy Plant (with BESS) (if applicable) in graphs and bar charts in hourly intervals.
- Typical Monthly Energy and Export Energy:

Month	Export Energy of Green Energy Plant (MWh)*
January	
February	
March	
April	
May	

June	
July	
August	
September	
October	
November	
December	
Annual Total	

(*Note: Export Energy of the Green Energy Plant and the BESS (if applicable))

c) Annual Energy Export Energy:

Project Year	Export Energy of Green Energy Plant (MWh) *
Year 1	
Year 2	
Year 3	
↓	
↓	
↓	
Average Over the project period	

(*Note: Export Energy of the Green Energy Plant and the BESS (if applicable))

4.0 Solar PV System (if applicable)

- Type, model and brand name of PV modules (e.g. polycrystalline/monocrystalline, bifacial, PERC etc.)
- PV peak capacity of each PV module.
- Module efficiency of PV module (%).
- Reference yield of PV module (kWh/kWp).
- Capacity factor of solar PV system.
- Performance ratio of solar PV system.

5.0 Inverters (if applicable)

- Type, model and brand name of inverters.
- Inverter configuration (string, centralized etc.).
- d.c and a.c ratings of each inverter (rated kW, kVA, voltage and current, range of power factor adjustment etc.).
- Inverter efficiency (%).

6.0 Battery Energy Storage System (if applicable)

- Type, model and brand name of battery system.

- b) a.c. or d.c coupled.
- c) Voltage of each battery block.
- d) Power and energy capacity of each battery block (MW/MWh).
- e) Total number of battery blocks.
- f) Total power and energy capacity of the BESS (MW/MWh).
- g) Useable capacity of the BESS (MWh);
- h) Rated depth of discharge DoD (%).
- i) Charge-discharge efficiency.
- j) Life expectance (years and number of discharge-charge cycles).

7.0 Other information (if applicable)

- a) Max generation output (MW) – Rated/nameplate facility capacity (main fuel)
- b) Min generation output (MW) – Rated/nameplate facility capacity (main fuel)
- c) Maximum ramp up rate (MW/min) - Despatch ramp rates of generating facility (between max & min)
- d) Maximum ramp down rate (MW/min) - Despatch ramp rates of generating facility (between max & min)
- e) Minimum up time from GSO's Dispatch Instruction (hours)
- f) Minimum down time from GSO's Dispatch Instruction (hours)
- g) Start-up time - Hot (hours)
- h) Start-up time - Warm (hours)
- i) Start-up time - Cold (hours)
- j) Fast start capability (Yes/No)

PART 2.6.5: Decommissioning of Green Energy Plant

The following decommissioning plan and information shall contain the following details:

- a) The name, address, telephone number, and e-mail address of the person(s) or entity(ies) responsible for implementing the decommissioning plan;
- b) A statement of conditions that require the decommissioning plan to be implemented;
- c) Identification of all components of the Green Energy Plant;
- d) A plan with timeline and estimated cost for removing all components of the Green Energy Plant from the property in the event of decommissioning; and
- e) A plan for recycling or otherwise reusing all components to the greatest extent practicable

PART 3: List of Documentation

All copies must be certified true copies.

No.	Item	Tick if applicable
1	A copy of SSM Registration of the Company (Applicant)	
2	Corporate Authorisation	
3	Land Title / Land Sale and Purchase Agreement / Land Lease Agreement	
4	Bank Statement	
5	A copy of Power System Study (PSS) report and letter of PSS approval	
6	A copy of generation License as registered with ST (if applicable)	
7	A copy of advice letter from TNB Metering on the CT size (if applicable)	
8	A copy of Gas Supply Agreement (for Generating Facility under Power Sector Gas)	
9	Proof of approval from TNB & PETRONAS (for Generating Facility under Power Sector Gas)	
10	A copy of fuel supply agreement (for own fuel)	
11	A copy of test report by Independent Engineer (for technical parameters, if applicable)	

Part 4: Declaration Form

- 1. I/We declare that I/we have read and understood the terms and conditions set out in the disclaimer.
- 2. I/We declare that all information provided in this application and in documents submitted is true and correct.

Name:	on behalf of Company (Applicant):
Title:	
Signature (authorised signatory):	Date:

