

**CRITERIA AND DOCUMENTS  
REQUIRED FOR LICENCE  
APPLICATION (BELOW 5MW)**

**Unit Pelesenan Elektrik, Suruhanjaya Tenaga**

**December 2024**

## **1.0 ELECTRIC VEHICLE CHARGING SYSTEM (EVCS)**

### **CRITERIA**

- 1.1 An Applicant shall be an entity established, registered or recognised under any related law in Malaysia. For this purpose, an Applicant shall submit any relevant document pertaining to the legal status of the Applicant under Malaysian laws.
- 1.2 An Applicant is required to comply with the relevant requirements under the Electricity Supply Act 1990 [Act 447] and the subsidiary legislations made under it. Example: Electricity Regulations 1994 (P.U.(A)384/1994), Guidelines on Licensing Under Section 9 of the Act, Guide for EVCS.
- 1.3 An application for a licence shall be supported by any document of approval from local authority, or consent letter from the owner or management of the building pertaining to the location and source of supply for all capacity units.
- 1.4 An application for a licence shall be made by a Charge Point Operator (CPO).
- 1.5 An Applicant is required to obtain a dedicated electricity power supply from a Public Distribution Licensee.
- 1.6 All drawings, plans and specifications shall be submitted by a competent person in accordance with regulation 65 of the Electricity Regulations 1994 or endorsed by a Professional Engineer with Practising Certificate registered under the Registration of Engineers Act 1967 [Act 138].
- 1.7 A licence shall be based on the maximum installation capacity of charging unit.

**DOCUMENTS REQUIRED**

1.8 An Applicant shall submit an application for a licence before the commissioning of an installation. Documents to be submitted by an Applicant shall include, but not limited to, the information as listed below, subject to revision by the Commission from time-to-time:

Mandatory Documents	Additional Documents
I. Duly completed application form	
II. Relevant document pertaining to the legal status of the Applicant	
III. Location and floor plan	
IV. Schematic drawing	
V. Document of approval from local authority, or consent letter from the owner or management of the building	
VI. Rental, collaboration, or service agreement (if any)	
VII. Duly completed Form G (Supervision and Completion Certificate) and Form H (Test Certificate)	
VIII. Project summary (as per table below)	
IX. Certificate of Approval / Release Letter for equipment (charger) (if any)	

**CHARGER SPECIFICATION TABLE (EXAMPLE)**

BRAND / MODEL	XXX	XXX	XXX
NO. OF UNIT	1	2	2
RATED INPUT POWER (KWac)	150kW	60kW	22kW
MAX. CHARGING / OUTPUT POWER / (AC or DC)	120kW / DC	50kW / DC	22kW / AC
MODE OF CHARGING	MODE 4	MODE 4	MODE 3
CONNECTOR TYPE	2 X CCS TYPE2 / CHAdeMO	1 X CCS TYPE2 / CHAdeMO	1 X TYPE2
OUTPUT CABLE SIZE / TYPE (NOZZLE CABLE)	4 X 150MM2 (4C PVC/AL)	1 X 35MM2 (4C PVC/AL)	1 X 10MM2 (4C PVC/AL)
NO. OF CHARGING BAYS	2	1	1
GPS COORDINATE			
LATITUDE:	3.1516964		
LONGITUDE:	101.6942371		

Note: The charger specifications table shall be included in the project summary as above.

## **2.0 NEM 3.0 PROGRAMME - NOVA**

### **CRITERIA**

- 2.1 An Applicant shall be an entity established, registered, or recognised under any related law in Malaysia. For this purpose, the Applicant shall submit any relevant document pertaining to the legal status of the Applicant under Malaysian laws.
- 2.2 An Applicant is required to comply with the relevant requirements under the Electricity Supply Act 1990 [Act 447] and the subsidiary legislations made under it. Example: Electricity Regulations 1994 (P.U.(A)384/1994), Guidelines on Licensing Under Section 9 of the Act, Guidelines for Solar Photovoltaic Installation Under Net Offset Virtual Aggregations (NOVA) Programme for Peninsular Malaysia.
- 2.3 All drawings, plans and specifications shall be submitted by a competent person in accordance with regulation 65 of the Electricity Regulations 1994 or endorsed by a Professional Engineer with Practising Certificate registered under the Registration of Engineers Act 1967 [Act 138].
- 2.4 An Applicant must possess a valid land title / tenancy agreement / concession agreement of the premise where the solar PV installation is installed and is designated as such by the Applicant in his application.
- 2.5 An Applicant is required to obtain a NOVA Certificate from the Sustainable Energy Development Authority (SEDA).

### **DOCUMENTS REQUIRED**

- 2.6 An Applicant may submit an application for a licence before the commission of an installation. Documents to be submitted by an Applicant shall include, but not limited to, the information as listed below, subject to revision by the Commission from time-to-time:

Mandatory Documents	Additional Documents (if any)
I. Duly completed application form	I. Cash Flow Analysis
II. Relevant document pertaining to the legal status of the Applicant	II. Purchase Order / Invoice / Letter of Offer from Financial Institution
III. Key & Layout plan	III. Summary of the Project Proposal
IV. NOVA Certificate	IV. Latest three (3) Months Electricity Bills
V. Land title / Concession Agreement of the premise	
VI. Tenancy agreement (if the premise is not owned by the applicant)	
VII. Connection Assessment Study (CAS)	
VIII. Schematic Diagram	
IX. Registration letter of Chargeman issued by the Commission	
X. Duly completed Form G (Supervision and Completion Certificate) and Form H (Test Certificate)	
XI. Power Purchase Agreement (PPA) (Applicable for Leasing only)	

### **3.0 NEM 3.0 PROGRAMME – NEM GoMEN**

#### **CRITERIA**

- 3.1 An Applicant shall be an entity established, registered, or recognised under any related law in Malaysia. For this purpose, the Applicant shall submit any relevant document pertaining to the legal status of the Applicant under Malaysian laws.
- 3.2 An Applicant is required to comply with the relevant requirements under the Electricity Supply Act 1990 [Act 447] and the subsidiary legislations made under it. Example: Electricity Regulations 1994 (P.U.(A)384/1994), Guidelines on Licensing Under Section 9 of the Act, Guidelines for Solar Photovoltaic Installation Under The Programme of NEM Rakyat and NEM GoMEN in Peninsular Malaysia.
- 3.3 All drawings, plans and specifications shall be submitted by a competent person in accordance with regulation 65 of the Electricity Regulations 1994 or endorsed by a Professional Engineer with Practising Certificate registered under the Registration of Engineers Act 1967 [Act 138].
- 3.4 An Applicant must possess a valid land title / tenancy agreement / concession agreement of the premise where the solar PV installation is installed and is designated as such by the Applicant in his application.
- 3.5 An Applicant is required to obtain a NEM Certificate from the Sustainable Energy Development Authority (SEDA).

#### **DOCUMENTS REQUIRED**

- 3.6 An Applicant may submit an application for a licence before the commission of an installation. Documents to be submitted by applicant shall include, but not limited to, the information as listed below, subject to revision by the Commission from time-to-time:

Mandatory Documents	Additional Documents (if any)
I. Duly completed application form	I. Cash Flow Analysis
II. Relevant document pertaining to the legal status of the Applicant	II. Purchase Order / Invoice / Letter of Offer from Financial Institution;
III. Key & Layout plan	III. Latest three (3) Months Electricity Bills
IV. Land title / Concession Agreement of the premise	IV. Summary of the Project Proposal
V. Tenancy agreement (if the premise is not owned by the applicant)	
VI. NEM Certificate	
VII. Net Energy Metering Assessment Study (NEMAS)	
VIII. Schematic Diagram	
IX. Registration letter of Chargeman issued by the Commission	
X. Duly completed Form G (Supervision and Completion Certificate) and Form H (Test Certificate)	
XI. Power Purchase Agreement (PPA) (Applicable for Leasing only)	



#### **4.0 SOLAR SELF CONSUMPTION (SELCO) – LEASING & SUPPLY AGREEMENT RENEWABLE ENERGY (SARE) FOR CAPACITY BELOW 5MW**

##### **CRITERIA**

- 4.1 An Applicant shall be an entity established, registered, or recognised under any related law in Malaysia. For this purpose, the Applicant shall submit any relevant document pertaining to the legal status of the Applicant under Malaysian laws.
- 4.2 An Applicant is required to comply with the relevant requirements under the Electricity Supply Act 1990 [Act 447] and the subsidiary legislations made under it. Example: Electricity Regulations 1994 (P.U.(A)384/1994), Guidelines on Licensing Under Section 9 of the Act, Guidelines On The Connection of Solar Photovoltaic Installation For Self-Consumption.
- 4.3 All drawings, plans and specifications shall be submitted by a competent person in accordance with regulation 65 of the Electricity Regulations 1994 or endorsed by a Professional Engineer with Practising Certificate registered under the Registration of Engineers Act 1967 [Act 138].
- 4.4 An Applicant must possess a valid land title / tenancy agreement / concession agreement of the premise where the solar PV installation is installed and is designated as such by the Applicant in his application.

##### **DOCUMENTS REQUIRED**

- 4.5 An Applicant may submit an application for a license before the commission of an installation. Documents to be submitted by applicant shall include, but not limited to, the information as listed below, subject to revision by the Commission from time-to-time:

Mandatory Documents	Additional Documents (if any)
I. Duly completed application form	I. Cash Flow Analysis
II. Relevant document pertaining to the legal status of the Applicant	II. Purchase Order / Invoice / Letter of Offer from Financial Institution
III. Key & Layout plan	III. Latest three (3) Months Electricity Bills
IV. Land title / Concession Agreement of the premise	IV. Summary of the Project Proposal
V. Tenancy agreement (if the premise is not owned by the applicant)	
VI. Power System Study (PSS) if capacity >425kW	
VII. Schematic Diagram	
VIII. Registration letter of Chargeman issued by the Commission	
IX. Duly completed Form G (Supervision and Completion Certificate) and Form H (Test Certificate)	
X. Power Purchase Agreement (PPA)	

## **5.0 RENEWABLE ENERGY (RE)**

### **CRITERIA**

- 5.1 An Applicant shall be an entity established, registered or recognised under any related law in Malaysia. For this purpose, an Applicant shall submit any relevant document pertaining to the legal status of the Applicant under Malaysian laws.
- 5.2 An Applicant is required to comply with the relevant requirements under the Electricity Supply Act 1990 [Act 447] and the subsidiary legislations made under it. Example: Electricity Regulations 1994 (P.U.(A)384/1994), Guidelines on Licensing Under Section 9 of the Act.
- 5.3 All drawings, plans and specifications shall be submitted by a competent person in accordance with regulation 65 of the Electricity Regulations 1994 or endorsed by a Professional Engineer with Practising Certificate registered under the Registration of Engineers Act 1967 [Act 138].
- 5.4 An Applicant must possess a valid land title / tenancy agreement / concession agreement of the premise where the installation is installed and is designated as such by the Applicant in his application.
- 5.5 An Applicant is required to obtain a Certificate from the Sustainable Energy Development Authority (SEDA).

### **DOCUMENTS REQUIRED**

- 5.6 An Applicant shall submit an application for a licence before the commissioning of an installation. Documents to be submitted by an Applicant shall include, but not limited to, the information as listed below, subject to revision by the Commission from time-to-time:

Mandatory Documents	Additional Documents (if any)
I. Duly completed application form	I. Cash Flow Analysis
II. Relevant document pertaining to the legal status of the Applicant	II. Purchase Order / Invoice / Letter of Offer from Financial Institution
III. Key & Layout plan	III. Summary of the Project Proposal
IV. SEDA Certificate	
V. Land title / Concession Agreement of the premise	
VI. Tenancy agreement (if the premise is not owned by the applicant)	
VII. Power System Study (PSS)	
VIII. Schematic Diagram	
IX. Registration letter of Chargeman issued by the Commission	
X. Duly completed Form G (Supervision and Completion Certificate) and Form H (Test Certificate)	
XI. Renewable Energy Power Purchase Agreement (REPPA)	

## **6.0 CO-GENERATION & WASTE HEAT RECOVERY PLANT**

### **CRITERIA**

- 6.1 An Applicant shall be an entity established, registered, or recognised under any related law in Malaysia. For this purpose, the Applicant shall submit any relevant document pertaining to the legal status of the Applicant under Malaysian laws.
- 6.2 An Applicant is required to comply with the relevant requirements under the Electricity Supply Act 1990 [Act 447] and the subsidiary legislations made under it. Example: Electricity Regulations 1994 (P.U.(A)384/1994), Guidelines on Licensing Under Section 9 of the Act, Guidelines for Solar Photovoltaic Installation Under Net Offset Virtual Aggregations (NOVA) Programme for Peninsular Malaysia.
- 6.3 All drawings, plans and specifications shall be submitted by a competent person in accordance with regulation 65 of the Electricity Regulations 1994 or endorsed by a Professional Engineer with Practising Certificate registered under the Registration of Engineers Act 1967 [Act 138].
- 6.4 An Applicant must possess a valid land title / tenancy agreement / concession agreement of the premise where the installation is installed and is designated as such by the Applicant in his application.

### **DOCUMENTS REQUIRED**

- 6.5 An Applicant shall submit an application for a licence before the commission of an installation. Documents to be submitted by an Applicant shall include, but not limited to, the information as listed below, subject to revision by the Commission from time-to-time:

Mandatory Documents	Additional Documents (if any)
I. Duly completed application form	I. Cash Flow Analysis
II. Relevant document pertaining to the legal status of the Applicant	II. Purchase Order / Invoice / Letter of Offer from Financial Institution
III. Key & Layout plan	III. Summary of the Project Proposal
IV. Top Up and Stand By Agreement (Applicable for Co-Gen)	IV. Latest three (3) Months Electricity Bills
V. Land title / Concession Agreement of the premise	V. Gas Supply Agreement
VI. Tenancy agreement (if the premise is not owned by the applicant)	
VII. Power System Study (PSS)	
VIII. Schematic Diagram	
IX. Registration letter of Chargeman issued by the Commission	
X. Duly completed Form G (Supervision and Completion Certificate) and Form H (Test Certificate)	
XI. Power Purchase Agreement (PPA) (Applicable for leasing)	

## **7.0 PUBLIC DISTRIBUTION LICENSE**

### **CRITERIA**

- 7.1 An Applicant shall be an entity established, registered, or recognised under any related law in Malaysia. For this purpose, the Applicant shall submit any relevant document pertaining to the legal status of the Applicant under Malaysian laws. The company shall be specifically established for the purpose of carrying out electricity supply activities (Special Purpose Vehicle – SPV), with the scope of the electricity supply activity clearly stated, or any company established with separate audited accounts pertaining to its licensed activities. The Joint Management Body (JMB) / Management Corporation (MC) is not allowed to make an application due to restrictions under the Strata Management Act 2013.
- 7.2 An Applicant is required to comply with the relevant requirements under the Electricity Supply Act 1990 [Act 447] and the subsidiary legislations made under it. Example: Electricity Regulations 1994 (P.U.(A)384/1994), Guidelines on Licensing Under Section 9 of the Act.
- 7.3 All drawings, plans and specifications shall be submitted by a competent person in accordance with regulation 65 of the Electricity Regulations 1994 or endorsed by a Professional Engineer with Practising Certificate registered under the Registration of Engineers Act 1967 [Act 138].
- 7.4 An Applicant must possess a valid land title / tenancy agreement / concession agreement of the premise where the installation is installed and is designated as such by the Applicant in his application.

### **DOCUMENTS REQUIRED**

- 7.5 An Applicant shall submit an application for a licence before the commission of an installation. Documents to be submitted by applicant shall include, but not limited to the information as listed below, subject to revision by the Commission from time-to-time:

Mandatory Documents	Additional Documents (if any)
I. Duly completed application form	I. Draft for Electricity Supply Agreement
II. Relevant document pertaining to the legal status of the Applicant	II. Draft for Electricity Bill
III. Key & Layout plan	
IV. Land title / Concession Agreement of the premise	
V. Consent letter from TNB/SESB for compliance with the latest Electricity Supply Application Handbook (ESAH)	
VI. No Objection Letter (NOL) from TNB/SESB/PDL for conducting electricity supply activities	
VII. Schematic Diagram	
VIII. Registration letter of Chargeman issued by the Commission	
IX. Duly completed Form G (Supervision and Completion Certificate) and Form H (Test Certificate)	
X. Letter of Connection Charges and bulk supply contract from TNB/SESB (New Project Development)	
XI. Approval for Planning Permission (KM) from the Local Authority (PBT) (New Project Development)	
XII. Project summary including user demographics (number and category – domestic, commercial, industrial) and justification for the need for a License.	



XIII. Financial Projection (Cash flow analysis over the License period).	
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7.6 Requirement to submit a Security (Bank Guarantee) to the Energy Commission after the license application is approved, in accordance with Section 18, Electricity Supply Act 1990 (based on operational costs for one month for commercial premises or three months for domestic or mixed premises).

Notes: I) State Government / Federal Government / Local Authority (PBT), government-linked investment companies (GLICs), and government-linked companies (GLCs) are exempted from the Bank Guarantee.

## 8.0 GENERATOR SET

### CRITERIA

- 8.1 An Applicant shall be an entity established, registered or recognised under any related law in Malaysia. For this purpose, an Applicant shall submit any relevant document pertaining to the legal status of the Applicant under Malaysian laws.
- 8.2 An Applicant is required to comply with the relevant requirements under the Electricity Supply Act 1990 [Act 447] and the subsidiary legislations made under it. Example: Electricity Regulations 1994 (P.U.(A)384/1994), Guidelines on Licensing Under Section 9 of the Act.
- 8.3 All drawings, plans and specifications shall be submitted by a competent person in accordance with regulation 65 of the Electricity Regulations 1994 or endorsed by a Professional Engineer with Practising Certificate registered under the Registration of Engineers Act 1967 [Act 138].

### DOCUMENTS REQUIRED

- 8.4 An Applicant shall submit an application for a licence before the commissioning of an installation. Documents to be submitted by an Applicant shall include, but not limited to, the information as listed below, subject to revision by the Commission from time-to-time:

Mandatory Documents	Additional Documents (if any)
I. Duly completed application form	
II. Relevant document pertaining to the legal status of the Applicant	
III. Key & Layout plan	
IV. Schematic Diagram	
V. Lease/Contract/Concession Agreement of the generator	

VI. Registration letter of Chargeman issued by the Commission	
VII. Duly completed Form G (Supervision and Completion Certificate) and Form H (Test Certificate)	
VIII. Generator details (Lampiran A)	
IX. Details on generator name plate (engine & alternator)	

**Lampiran A**

DIESEL GENERATOR	
SERIAL NO.	
MODEL	
KVA/KW RATING	
VOLTAGE	
AMPERE	
FREQUENCY	
POWER FACTOR	