

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

Unit Pelesenan Elektrik, Suruhanjaya Tenaga

December 2023

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: LONGITUDE:	3.1516964 101.6942371		

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