

3.2.14 Main electrical switch room shall be located near to the plot entrance, in ground floor area. Wherever substation is provided within the building, the main electrical switch room shall be provided in the ground floor area adjacent to transformer room. The dimensional layout of electrical switch room to be maintained as per Appendix-3 of this regulation.

3.2.15 The electrical switch room shall not be used for Storage of any equipment, material etc.

3.3 TARIFF METERING

3.3.1 For individual consumer premises, such as villas, farms, gardens, accommodation blocks etc. the metering cabinet, with main incomer circuit breaker and metering shall be installed outside, recessed, in the compound wall.

3.3.2 Minimum 2 meter clearance shall be maintained between electricity and water service cabinets/ points.

3.3.3 In multiple consumer premises such as residential/ commercial building, industries, large utility complexes, schools, etc. the main and sub-main distribution boards with associated metering shall be installed in separate electrical switch rooms, in locations close to the entrance boundary line and to which access is available at all times for operation, testing, inspection, maintenance and repair. Prior approval shall be obtained from DEWA as specified under Section 1 of this regulation, for every such premise.

3.3.4 All tariff metering will be smart meters, normally be provided by DEWA and restricted to one for each consumer installation, unless otherwise approved/ specified by DEWA.

3.3.5 The minimum space required for installation of KWH meter shall be 300 mm wide and 500 mm high.

3.3.6 A minimum space of 1200 mm shall be provided in the front of KWH meter cabinet/ meters.

3.3.7 The general arrangement and dimensional layout of the metering cabinets and array of meters installed in electrical switch room/s and enclosure along with associated wiring shall be subject to DEWA's approval. The typical arrangement of KWH metering cabinet/KWH meters is given, for guidance, in Appendix 3.

3.3.8 Metering by means of Current Transformers (CTs) shall be installed where the circuit breaker rating at the point of supply is 160 Amps and above. DEWA will provide the Smart kWh meter/s and associated CTs for all tariff metering. (In some circumstances consumer may be permitted to provide the KWH meter and CTs, complying with DEWA Smart