

## ELECTRIC RULE 16 – SERVICE EXTENSIONS

APPLICABILITY: This rule is applicable to both (1) IPU Service Facilities that extend from IPU's Distribution Line facilities to the Service Delivery Point, and (2) service related equipment required of Applicant on Applicant's Premises to receive electric service (the "Rule").

### A. GENERAL INFORMATION

#### 1. SERVICE FACILITIES

IPU Service Facilities shall consist of (a) primary or secondary underground or overhead service conductors, (b) poles to support overhead service conductors, (c) service transformers, (d) IPU-owned metering equipment, and (e) other IPU-owned service-related equipment. All facilities installed under the provisions of this rule, shall be owned, operated, and maintained by the Utility.

#### 2. DESIGN.

IPU will be responsible for planning, designing, and engineering its Service Extensions using IPU's standards for design, materials and construction.

#### 3. SERVICE LOCATION.

- a. Service Delivery Point: Where IPU's Service Facilities are connected to either Applicant's conductors or other service termination facility designated and approved by IPU. The Service Delivery Point will generally be at the secondary voltage level of the transformer.
- b. Nearest Route: Service Facilities shall extend from the point of connection at the Distribution Line to Applicant's nearest property line abutting upon any street, road, or right-of-way, along which Utility already has or will install distribution facilities. Service Facilities on private property shall be installed along the shortest, most practical and available route (clear of obstructions) as necessary to reach a Service Delivery Point designated by IPU.
- c. Rights-of-Way or Easements: May be required by IPU to install Service Facilities on Applicant's property to serve Applicant.
- d. Underground/Overhead Underground Service Extensions shall be installed where required to comply with applicable laws and ordinances or similar requirements of governmental authorities. Overhead Service Extensions may be installed only where underground extensions are not required and at the sole discretion of IPU

#### 4. CONTRACTS.

Each Applicant requesting service may be required to execute a written contract(s) prior to IPU performing its work to establish service. A template for the contract has been included as Appendix 1.

#### B. INSTALLATION RESPONSIBILITIES

1. APPLICANT RESPONSIBILITY In accordance with IPU's design, specifications, and requirements for the installation of Service Extensions, subject to IPU's inspection and approval, Applicant is responsible for:

a. Improvements:

- i) Providing (or paying for) a route on property that is clear of obstructions which would inhibit the construction of either underground or overhead Service Extensions.
- ii) All necessary excavation, digging, trenching, backfilling, pavement removal and restoration as may be required to extend service facilities
- iii) Furnishing, installing (or paying for) all Conduits (including pull wires) and Substructures on Applicant's Premises. Conveying ownership to IPU upon acceptance of those Conduits and Substructures.

c. Electric Protective Devices: If Applicant's electric service requires electric protective devices beyond that required for standard service connections, Applicant is responsible to furnish, install, own and maintain all necessary Protective Devices on Applicant's Premises as specified by IPU.

d. Space for pad mounted Switch and pad mounted Transformer Applicant shall provide space on Applicant's Premises at a location approved by IPU for a pad mounted transformer installation including any necessary pad mounted switches, bollards or any other protective structures, and metering equipment if IPU determines that Applicant's load to be served is such that a separate transformer installation is required.

e. PADMOUNTED EQUIPMENT. In IPU's standard installation, Applicant shall furnish and install at its expense, Substructures and any required Protective Structures as specified by IPU for the proper installation of the transformer, switches, metering equipment, etc. as determined by IPU.

f. Liability. IPU shall incur no liability whatsoever, for any damage, loss or injury occasioned by:

- i. Applicant-owned equipment or Applicant's transmission and delivery of energy or,
  - ii. The negligence, omission of proper protective devices, want of proper care, or wrongful act of Applicant, or any agents, employees, or licensees of Applicant, on the part of the Applicant in installing, maintaining, using, operating, or interfering with any such conductors, lines, machinery, or apparatus.
  
2. IPU RESPONSIBILITY IPU will furnish, install, own, and maintain the following Service Facilities as applicable after Applicant meets all requirements to receive service:
  - a. Service: A set of service conductors to supply permanent service from the Distribution Line source to the Service Delivery Point approved by IPU.
  - b. Meter: The necessary metering equipment including instrument transformers, test facilities, meters, associated metering equipment and the metering enclosures.
  - c. Transformer: The transformer including any necessary switches, , electrical protective structures and metering equipment, etc. When either a pad mounted or overhead transformer is installed on Applicant's Premises, the Service Extension shall include the primary conductors from the connection point at the distribution supply line to the transformer and the secondary conductors, if any, from the transformer to the Service Delivery Point.

### **C. COST RESPONSIBILITY**

Except as otherwise, specifically provided in this Rule or as specified in a Contract between Applicant and IPU, all costs of Substructure such as conduits and pull boxes, pad mounted switch and pad mount transformer and primary and secondary cable exclusive of metering, associated with a Service Extension shall be the responsibility of the Applicant. All metering related costs including the cost of the meter, telemetry, installation, etc., shall be paid for by IPU. Applicant shall pay the estimated amount of cost associated with the service extension in advance or pay under special rate by signing an Electrical Services Agreement and Facilities Contract and approved by IPUC if it involves distribution line extension of more than 1000' in length and multiple services and more than one pad mount transformer and one pad mount switch.