

Inland Power & Light Company Meter Requirements Guideform

Revision: DRB 1-9-2020

General Information & Requirements:

- ALL METER BASES - Horn and Slide type bypasses are not approved.
- 400 AMP SINGLE PHASE - Refers to 320A self-contained blade style meters (bolted connection style not approved).
- 801 AMP SINGLE PHASE OR LARGER - Not approved.
- ALL CT METER BASES - IPL supplies approved CT meter bases with test switches to the member, this is included in your cost. IPL may require the member to install their CT meter base in an enclosure if additional equipment security is deemed necessary. Your field engineer will notify you if this applies.
- CT ENCLOSURE (AS REQUIRED) - Member provides and installs CT Enclosures & Platform as required. See guideform below to see if this applies to your service. IPL will provide a specification for the enclosure if this applies.
- CT METER BASE LOCATION (AS REQUIRED) - Member must also furnish a location on building within 50' of transformer or a location within 10' of transformer if using a pedestal. IPL will provide a specification for pedestal option.

SERVICE TYPE											
Type of Service	Residential			Commercial							
Phase Arrangement	Single Phase			Single Phase			Three Phase†				
Delivery Voltage	120/240V			120/240V			120/208V		277/480V		120/208V or 277/480V
Ampere Rating	200A	400A	401-800A	200A	400A	401-800A	200A	201A +	200A	201A-800A	800A or Larger
	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
METER REQUIREMENTS											
Meter Form (Style)	2S	2S	4S	2S	2S	4S	16S	9S	16S	9S	9S
Terminal Count (Jaws)	4	4	6	4	4	6	7	13	7	13	13
CT Enclosure	NO	NO	YES	NO	NO	YES	NO	YES	NO	YES	NO‡
CT Meter Base Location	NO	NO	YES	NO	NO	YES	NO	YES	NO	YES	YES
Underwriters Laboratories (UL) certified meter base	YES	YES	IPL Provided	YES	YES	IPL Provided	YES	IPL Provided	YES	IPL Provided	IPL Provided
Meter base supply lugs must support this wire size	4/0 AWG	350 KCMIL		4/0 AWG	350 KCMIL		4/0 AWG		4/0 AWG		
Meter base lever bypass	Optional	YES		YES	YES		YES				

† Three phase service is provided as Wye from either three single phase transformers or a single three phase transformer

‡ CT's for large services are typically located within the transformer. Verify this CT positioning with your field engineer.

Non-Typical / Special Case:

- 100 AMP SINGLE PHASE SERVICE - Not approved for residences. Available by request only for special applications. Discuss with your field engineer.
- SINGLE PHASE 480V SERVICE - By special request & IPL engineering approval only. Discuss with your field engineer.
- SINGLE PHASE 120/208V SERVICE - Has special metering requirements. Your field engineer will notify you if this applies.
- RESIDENTIAL THREE PHASE - Follow guideform as if it were a commercial service.
- DELTA THREE PHASE - Delta three phase is available by special request & IPL engineering approval only. Discuss with your field engineer.