



**PRIMARY METERING UNIT  
ORDER CHECKLIST**

PLEASE FILL OUT WITH REQUIREMENTS AND SUBMIT FOR QUOTATION

**Assembly Options:**

System Voltage (phase to phase) and type (delta, Wye, or grd. Wye)

Meter form to be used (i.e. form 3S,4S,9S,36S,45S,56S,10A.etc)

Overhead-to-overhead configuration or overhead-to-underground configuration

Max. Primary Current, amps (CT ratio x RF): i.e. 150A for 50:5 w/RF=3, see note 1

VT ratio (i.e. 60:1) see note 2

HV surge arresters: heavy duty is standard, specify duty cycle(kV), i.e. 18kV

Protected HV Jumpers between CT and VT(5 kV riser wire, insulated terminals)

Protected HV pigtails to overhead lines (5 kV riser wire, insulated terminals), see note 3

Install and connect one set of surge arresters on HB connections

Option A: Wire to junction box and leave 25 feet from JB to a 3 ft. pigtail of 1" flex(see note 4 below)

Option B: stub out 30 feet of control cable from last transformer in loop

Option C: wire to junction box only

Include prewired meter socket and test switch (requires option A or B above for shipping purposes, leads will be disconnected from socket to allow customer to feed through the conduit.

Meter (User Specified)

Desire LV leads to be reversed on one CT to avoid crossing incoming and outgoing primary leads?

<input type="checkbox"/>	kV	<input type="checkbox"/>	Type
<input type="checkbox"/>	Form	<input type="checkbox"/>	
<input type="checkbox"/>	OH-OH	<input type="checkbox"/>	OH-UG
<input type="checkbox"/>	amps	<input type="checkbox"/>	
<input type="checkbox"/>	:1	<input type="checkbox"/>	
<input type="checkbox"/> kV	YES	<input type="checkbox"/>	NO
	YES	<input type="checkbox"/>	NO
	YES	<input type="checkbox"/>	NO
	YES	<input type="checkbox"/>	NO
	YES	<input type="checkbox"/>	NO
	YES	<input type="checkbox"/>	NO
	YES	<input type="checkbox"/>	NO
	YES	<input type="checkbox"/>	NO

**Notes:**

1. CT rating factor to be used will be based on 30°C ambient unless specified higher.
2. VT's will be 2-bushing unless otherwise specified.
3. Maximum current capacity for HV pigtails is 250 amps with 1/0 str. Copper.
4. Standard secondary configuration is to bring all leads continuously through flexible conduit to a junction box with terminal blocks (shorting type for CT's). A 3" stub of 1" flex will be left from the junction box with a 1" male threaded nipple for later insertion onto 1" conduit.
5. Standard secondary conductor is 12/7 type TC cable, 30 feet from junction box to end, coiled up. When meter socket is specified, it will be prewired and the colour code for the upcoming control wiring will be clearly marked.

**Special Comments:**

Date: Contact:
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