

Commercial Meter Specifications					CITY PROVIDES				CUSTOMER PROVIDES				
See Notes 1, 2, 4 & 8					METER			CT'S	METER BASE		CT CAN		
VOLTAGE	PHASE	RATE		MAIN BKR OR PANEL (AMPS)	CLASS	FORM	W/ DEMAND & PF	NO. OF CT'S	MIN RATING	NO. OF TERMINALS	BLOCK BYPASS		SERVICE WIRE PROVIDED BY CITY
120/240 V	1	E-210 Commercial non-Demand	200	200A	2S				200A	4	Y		Y
			320	320A					320A				Y
			400	20A									
		E-200 Demand	600-800	20A	4S	Y	2	100A	6	TS	Note 3	N	
120/208 V	Net-work	E-210 Commercial non-Demand	200	200A	12S				200A	5	Y	Note 5, 6	Y
120/208GY V, 277/480GY V, or 240/120V Delta (Note 5)	3	E-211 Commercial non-Demand	200	200A	16S				200A	7	Y	Note 7	Y
		E-201 Demand	400-800	20A	9S	Y	3	100A	13	TS	Note 3	N	
			≥ 800									N	

NOTES: TS = Test Switch

- METER DEPARTMENT MUST BE NOTIFIED IN ADVANCE OF ALL SPECIAL METERING INSTALLATIONS. SUBMIT APPLICATION FOR SERVICE.
- METER BASES:
 - METER BASES SHALL BE TYPE S.
 - METER BASES SHALL BE LOCATED ON AN EXTERIOR BUILDING WALL.
 - METER BASE HEIGHT SHALL BE BETWEEN 48" AND 72" TO THE TOP OF THE METER BASE.
 - BYPASS LUGS REQUIRED ON ALL COMMERCIAL SERVICES
- WHERE CURRENT TRANSFORMERS ARE REQUIRED:
 - METER BASE MUST INCLUDE PROVISIONS FOR TEST SWITCH.
 - CITY WILL INSTALL INSTRUMENT WIRING TO CT'S AND TEST SWITCH.
 - CUSTOMER MUST OBTAIN CT'S FROM CITY & INSTALL.
 - 200-800AMP CT CAN
 - CT CAN MUST BE MIN 30" X 36" X 11" WITH HINGED COVER & LANDING PADS
 - CT CAN MUST BE EXTERNALLY LOCATED AND MEET L-30 SPEC.
 - CT CAN MUST BE COUPLED DIRECTLY TO METER BASE (MIN 1" RGS INSIDE DIAM.)
 - OVER 800AMP - SWITCHGEAR (3 PHASE ONLY)
 - CT COMPARTMENT IN SWITCHGEAR MUST MEET EUSERC 322 SPECS.
 - MAXIMUM 30' COUPLING BETWEEN CT COMPARTMENT AND METER BASE.
 - MIN 1" INSIDE DIAM. RIGID GALV. STEEL (RGS) CONDUIT
- NO POINT OF ENTRY ALLOWED IN METER CONDUIT (NO LB's, JB's, Gutter Box, ETC.)
- HIGH LEG (WILD LEG) ON RIGHT, MARKED WITH RED TAPE.
- NEUTRAL JAW SHALL BE ON LEFT SIDE.
- DISCONNECT MEANS REQUIRED ON ALL 480V SELF CONTAINED METERS.
- ANY OVERHEAD SERVICE WIRE THAT IS PROVIDED BY THE CITY WILL ONLY BE INSTALLED TO THE CRIMPS LOCATED AT THE WEATHER HEAD.

OPS	Rev 8/17/17	COMMERCIAL METERING SPECIFICATIONS ENERGY SERVICES DEPARTMENT CITY OF ELLENSBURG	L1-C
ENGR			
MTR			
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