DLC – Metering Addendum to Installation Guidelines

(Updated 2/2026)

The information in this addendum is intended to be used in conjunction with the Duquesne Light Installation Guidelines. The following charts provide supplemental information on metering requirements and guidelines for the Duquesne Light service territory.

**For primary metering or other concerns, contact Meter Engineering.

Table 1 - Minimum Requirements for All Meter Sockets
• Shall be UL listed and labeled
• Shall have a 5th Jaw in the 9 o'clock position (120/240 CL320 and 120/208V single phase services)
• Shall be grounded in accordance with NEC guidelines
• Shall be ringless type
• Shall have required bypass (See Table 2)
• For any multi compartment socket, the service side compartments must be utility sealable
• Residential meter sockets shall have a fault current rating of at least 10kA.
• Commercial sockets shall have a fault current rating suitable for their installation requirements
• Meter sockets may be mounted on a customer's pole or support structure. Approval of such installation shall be obtained from the Metering Department. A pole-mounted meter is shown in Figure 8 in the DLC Installation Guidelines. An example of a support structure is shown in Figure 18.
• Socket mounting hardware shall be installed into brick, concrete block, studs or the equivalent. On metal, vinyl or wood lap siding, a backing of 3/4 inch thick outdoor plywood shall be attached to two studs and shall be of sufficient strength to securely mount the socket.

Table 2 - Customer Procured meter socket specifications						
Installation Type		Required Bypass	ANSI Meter Socket Form	Number of Socket Jaws	Required Lug Size	Line-side Knockout
Service	Continuous Amperage					
120/240V 1p 3w	<125 Amps	Horn	2S	4	#6 - 2/0 AWG	2 1/2"
120/240V 1p 3w	200 Amps	Horn	2S	4	#2 - 350 kcmil	3"
120/240V 1p 3w	320 Amps	Lever	12S	5	3/8" stud	4"
120/208V Network	<125 Amps	Horn	12S	5	#6 - 2/0 AWG	2 1/2"
120/208V Network	200 Amps	Horn	12S	5	#2 - 350 kcmil	3"
120/208V 3p 4w	<125 Amps	Lever	16S	7	#6 - 2/0 AWG	2"
120/208V 3p 4w	200 Amps	Lever	16S	7	#6 - 350 kcmil	3"
120/208V 3p 4w	320 Amps	Lever	16S	7	3/8" stud	4"

Table 3 - DLC Provided Meter Socket Specifications					
Installation Type		Approximate Socket Size (Inches)			Available Hub Sizes
Service	Continuous Amperage	D	W	L	
Self-Contained					
240V 3p 3w	200 Amps	5	12	18	2", 2-1/2", 3"
120/208V 3p 4w	200 Amps	5	12	18	2", 2-1/2"
Transockets					
120/240V 1p 3w	400 Amps	6.5	24	30	2 1/2", 3", 3 1/2", 4"
230V 3p 3w	400 Amps	12	24	36	2 1/2", 3", 3 1/2", 4"
120/208V 3p 4w	400 Amps	12	24	36	2-1/2", 3", 3-1/2", 4"
Transformer Rated					
Single Phase	>400 Amps	4.5	12	20	1-1/2", 2", 2-1/2"
Poly Phase	>400 Amps	4.5	12	20	1-1/2", 2", 2-1/2"
Note that lugs are not provided for transockets or transformer rated services Note that transockets shall only have a single lug termination on the line side connections Note that self-contained poly-phase sockets have lugs that can securely terminate 6AWG up to 300MCM					

Table 4 - CT Cabinet Size Requirements				
Service	**Conductors per Phase**	**Conductor Size (KCM)**	**Transformer Cabinet Size (Inches)**	**Number of Doors**
1- Phase 120/240V	1	750 or Less	24 x 24 x 10	1
	2	500 or Less	24 x 32 x 10	1
	3	600 to 750	24 x 42 x 12	2
			36 x 36 x 10	2
	4	500 or Less	24 x 42 x 12	2
			36 x 36 x 10	2
3-Phase 4-Wire 120/208V	1	500 or Less	24 x 32 x 10	1
		600 to 750	24 x 42 x 12	1
			36 x 36 x 10	1
	2	750 or Less	24 x 42 x 12	2
			36 x 36 x 10	2
	3	500 or Less	24 x 42 x 12	2
			36 x 36 x 10	2
		600 to 750	38 x 60 x 18	2
			48 x 48 x 18	2
	4	750 or Less	38 x 60 x 18	2
			48 x 48 x 18	2
3-Phase 4-Wire 277/480V	1	750 or Less	24 x 42 x 12	2
			36 x 36 x 10	2
	2	500 or Less	24 x 42 x 12	2
			36 x 36 x 10	2
		600 to 750	38 x 60 x 18	2
			48 x 48 x 18	2
	3	750 or Less	38 x 60 x 18	2
			48 x 48 x 18	2
	4	750 or Less	38 x 60 x 18	2
			48 x 48 x 18	2
Note that sizes listed above are the minimum required for each dimension. Customers may install larger cabinets where desired.				
Note that CT cabinets shall have provisions for utility padlock.				