



## 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.

| <b>Table 1 - Minimum Requirements for All Meter Sockets</b>  |
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| • 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  |                        |
| <b>Self-Contained</b>  |                     |                                  |    |    |                        |
| 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"             |
| <b>Transockets</b>   |                     |                                  |    |    |                        |
| 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" |
| <b>Transformer Rated</b>   |                     |                                  |    |    |                        |
| 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"     |
| <p>Note that lugs are not provided for transockets or transformer rated services</p> <p>Note that transockets shall only have a single lug termination on the line side connections</p> <p>Note that self-contained poly-phase sockets have lugs that can securely terminate 6AWG up to 300MCM</p> |                     |                                  |    |    |                        |

**Table 4 - CT Cabinet Size Requirements**

| Service  | Conductors per Phase                   | Conductor Size (KCM) | Transformer Cabinet Size (Inches) | Number of Doors |
|--|--|----------------------|-----------------------------------|-----------------|
| <b>1- Phase<br/>120/240V</b>   | 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               |
| <b>3-Phase<br/>4-Wire<br/>120/208V</b>   | 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               |
|  | <b>3-Phase<br/>4-Wire<br/>277/480V</b> | 1                    | 750 or Less                       | 24 x 42 x 12    |
| 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.   |  |                      |                                   |                 |