

Subject: Customer One-line Display Standards

PPL Electric Utilities (PPL EU) would appreciate the following included in the customer one-line drawing:

1. Demarcation Line between PPL EU vs. Customer owned facilities – indicate with dotted line.
2. Lightning Arrestors (LA's)
3. Primary equipment on the Transformer (example: CB's, disconnects, circuit switches)
4. Potential Transformers (PT's)
5. Customer Transformer data (MVA Rating, Voltage 69 / 12 kV, Delta-Wye or Wye Delta transformer winding configuration)
6. Customer Secondary equipment on the Transformer (example: CB's, Disconnects)
7. If applicable: the TIE between two sections, Customer Secondary Bus (TIE CB, and disconnects)
8. Customer Emergency Generation and / or Distributed Generation / Renewable
9. If applicable: tie on PPL EU's 12kV Distribution System or PPL EU's [69kV Transmission System](#) (Alternate Supply).
10. What the customer designations are for all the devices at mentioned above. (Example Trans 1, Tap 1 AB, 52-4 CB, Sect 1 Bus etc.)
11. If there is any key interlocks with CB's or Air breaks.