



- NOTES:
- 1) "Master Networking":
    - Using **manufacturer-supported networking**, inverter(s) connected together to a single master unit (primary inverter, gateway, etc.).
    - An designated communication port(s) shall be present on the master unit which will allow to connect to PPL DER Management unit for communication to all networked device(s) (port(s) should be available for PPL EU connection ONLY.)
    - Length of communication wiring between two points shall be no further than the manufacturer recommended distance.
    - This diagram is provided to assist with communication design requirements. It is intended to illustrate communication details required by PPL EU.
    - Non-communication details (such as design and equipment pictured) are offered as a representation, and may vary by site.

- LEGEND:
- 1) PPL - Electric utility company.
  - 2) AC - Alternating current
  - 3) DC - Direct current
  - 4) PV - Photovoltaic
  - 5) CM - Customer meter (optional)
  - 6) C - ConnectDER collar
  - 7) UM - Utility meter
  - 8) SPD - Surge protective device