



- NOTES:
- 1) "Multi-Drop Networking":
 - Using **RS-485 networking** between inverter(s) and PPL DER Management unit.
 - An designated communication port(s) shall be present on the inverter(s) which will allow to connect to PPL DER Management device 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