

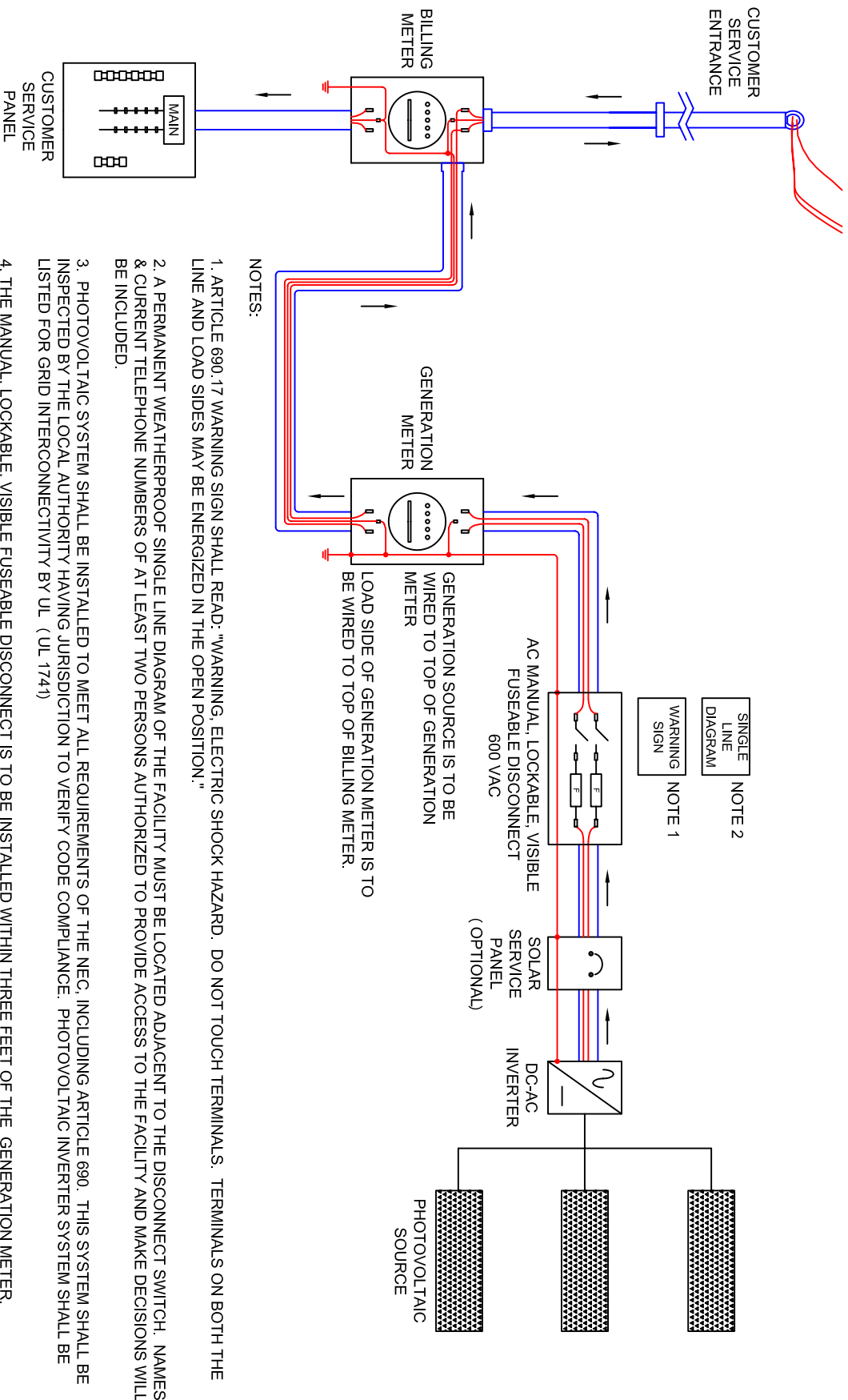


Appalachian Electric Cooperative

PHOTOVOLTAIC (PV) - EXAMPLE ONLY -

THIS DIAGRAM SHOWS ONLY MAJOR EQUIPMENT OF PRIME IMPORTANCE TO APPALACHIAN ELECTRIC COOPERATIVE AND DOES NOT SHOW THE PV EQUIPMENT/SPECIFICATIONS THAT MAY BE IMPORTANT AND/OR CRITICAL TO THE PV SYSTEM.

WIRING SETUP FOR INSTALLATION IN GREEN POWER SWITCH® GENERATION PARTNERS PROGRAM



NOTES:

1. ARTICLE 690.17 WARNING SIGN SHALL READ: "WARNING, ELECTRIC SHOCK HAZARD. DO NOT TOUCH TERMINALS. TERMINALS ON BOTH THE LINE AND LOAD SIDES MAY BE ENERGIZED IN THE OPEN POSITION."
2. A PERMANENT WEATHERPROOF SINGLE LINE DIAGRAM OF THE FACILITY MUST BE LOCATED ADJACENT TO THE DISCONNECT SWITCH. NAMES & CURRENT TELEPHONE NUMBERS OF AT LEAST TWO PERSONS AUTHORIZED TO PROVIDE ACCESS TO THE FACILITY AND MAKE DECISIONS WILL BE INCLUDED.
3. PHOTOVOLTAIC SYSTEM SHALL BE INSTALLED TO MEET ALL REQUIREMENTS OF THE NEC, INCLUDING ARTICLE 690. THIS SYSTEM SHALL BE INSPECTED BY THE LOCAL AUTHORITY HAVING JURISDICTION TO VERIFY CODE COMPLIANCE. PHOTOVOLTAIC INVERTER SYSTEM SHALL BE LISTED FOR GRID INTERCONNECTIVITY BY UL (UL 1741)
4. THE MANUAL, LOCKABLE, VISIBLE FUSEABLE DISCONNECT IS TO BE INSTALLED WITHIN THREE FEET OF THE GENERATION METER.
5. (—→) ARROWS DENOTE DIRECTION OF POWER FLOW.
6. AEC PERSONNEL ARE TO AFIX AEC FORM LABEL #592 TO GENERATION METER BASE AND AEC FORM LABEL #593 TO BILLING METER BASE.