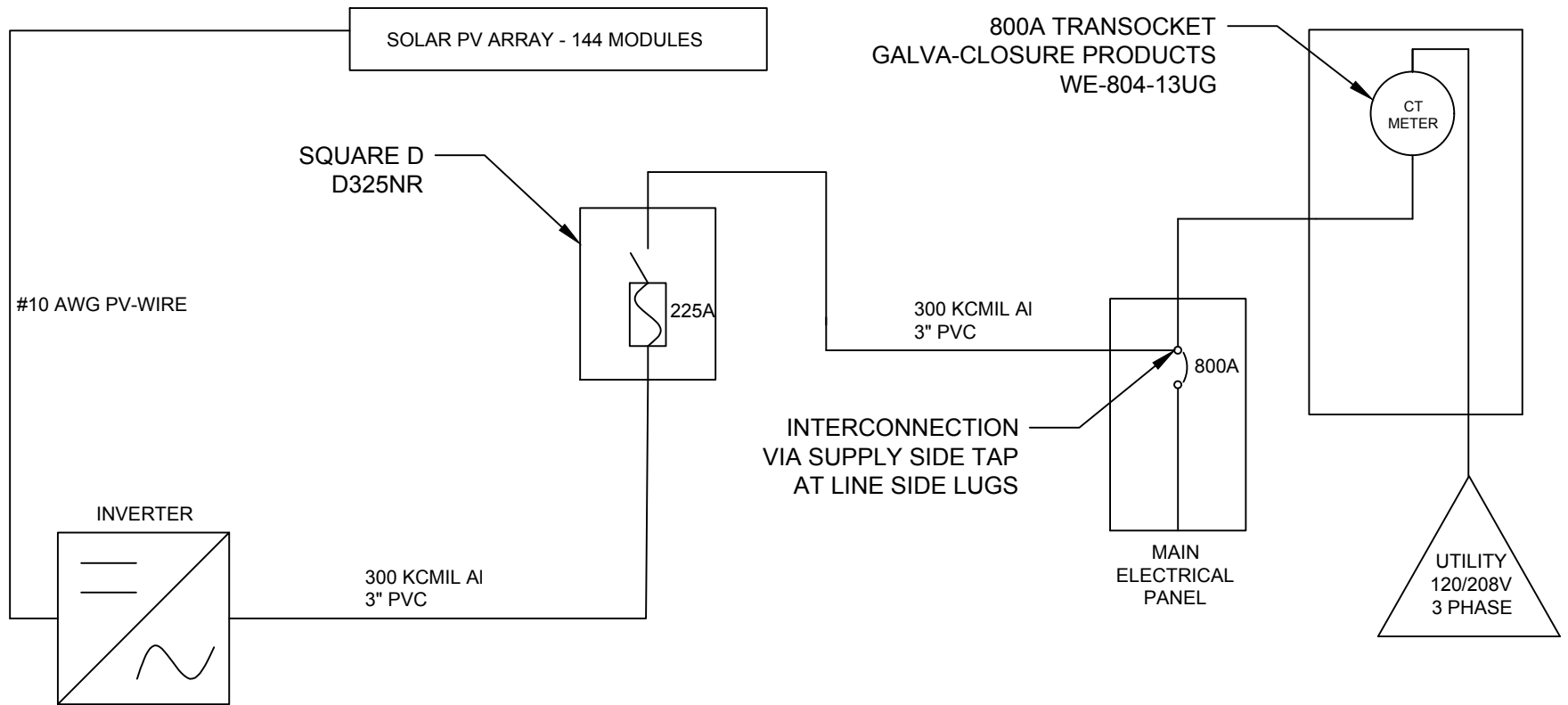




DC SYSTEM SIZE:
 $144 \times .440 = 63.36\text{kW}$

AC SYSTEM SIZE (TARIFF CALCULATION):
 $63.36\text{kW} \times 0.77 = 48.79\text{kW}$

MAX CONTINUOUS OUTPUT CURRENT:
 $(60,000\text{W}) / (208\text{V} \times 1.732) = 167\text{A}$

AC GENERATORS (PSC 119 SIZING):
 60kW

- (1) SOLIS S5-GC60K-LV-US 60kW SOLAR INVERTER
- (144) SILFAB 440W SOLAR MODULES

CUSTOMER:
 FIRST CONGREGATIONAL CHURCH

APPLETON SOLAR, LLC 31 BELLEVUE PL APPLETON, WI 54913	(920)205-7093 www.appleton-solar.com
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TITLE: 120 KUCKKAN LN SOLAR PV
 1-LINE DIAGRAM, REV 3

DATE: SEPTEMBER 28, 2025

BY: PATRICK J NAHM