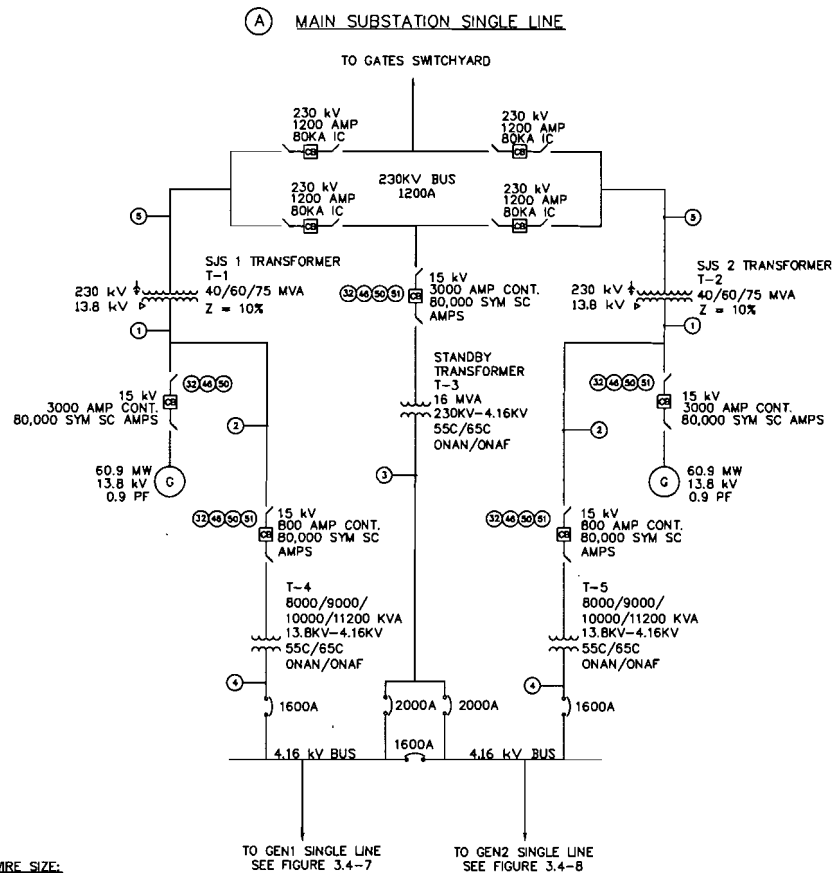




- WIRE SIZE:
- ① 3000 AMP BUS
 - ② 3(3-350KCMIL 15KV, 1-4/0 600V G, 5°C)
 - ③ 5(3-500KCMIL 5KV, 1-250 600V G, 5°C)
 - ④ 4(3-500KCMIL 5KV, 1-250 600V G, 5°C)
 - ⑤ 3(1/2" 545AMP BARE COPPER TUBULAR BUS, 217MVA)

- RELAY LEGEND:
- ③② REVERSE POWER
 - ④④ NEGATIVE SEQUENCE UNDERCURRENT (PHASE CURRENT IMBALANCE)
 - ⑤⑤ INSTANTANEOUS OVERCURRENT
 - ⑥⑥ TIME OVERCURRENT

DOCKET
08-AFC-12

DATE FEB 12 2009

RECD. FEB 17 2009

NOTES:

1. SAFETY CONTROLS SHALL BE INSTALLED WHERE THE START UP TRANSFORMER T-3 AND THE OUTGOING TRANSFORMERS T-1 AND T-2 CANNOT BE CONNECTED TO THE 230KV LINE AT THE SAME TIME.

PRELIMINARY

SINGLE LINE DIAGRAM FOR THE
SAN JOAQUIN 1 & 2 SOLAR HYBRID PROJECT

URS	NO SCALE	CREATED BY: CM	DATE: 02-12-09	FIG. NO:
		PM: AR	PROJ. NO: 27658031	3.4-6