DRAWING NO.	SHT	REV
06BP029-185-E100D	1	D

REVISIONS

CHANGE NO.	REV	ZONE	DESCRIPTION	DWN BY DATE	APVD BY DATE
XXXX	A		UPDATED WHERE CIRCLED	REA 20CT06	

115KV LINE TO PG&E SYSTEM

MR 1200/5 (C800)
METERING MR 1200/5 (C800)
TO 115KV PROTECTION
MR 1200/5 (C800)
MR 1200/5 (C800)

115KV
METERING
UTILITY METERING

SCTB-X
SCTB-X
LA(3)
MR 1200/5 (C800)
MR 1200/5 (C800)
1200/5

T12
115KV-/13.8KV-13.8KV.
112/150/188 MVA 65°C
56/75/94 MVA 65°C
56/75/94 MVA 65°C
CLASS: OA/FA/FA
ZHX=ZHY=14% @ 112MVA
ZXY= 28% @ 112MVA

SEL 387
87T | 87GD | 50W2/51W2 | 50W3/51W3 → 86 T

SEL-351
50/51 | 50BF → 86 BF

SEL 387
87U | 50/51 | 50N/51N → 86 U

SEE TRANSFORMER ALARM/TRIP TABLE (THIS DWG.)

SCTB-X
SCTB-X
4000/5 (3)
4000/5 (3)

TRANSFORMER ALARMS/TRIPS		
DEVICE #	ALARM	TRIP
26Q-1 (90°C)		
71Q-1		
63PR		
63BH-1		
27-1 AUX		
49-T1 (110°C)		
26Q-1 (100°C)		
49T (125°C)		
63BH-1		

REMOVABLE LINK
86 TA1
CT-10A 3CT 400/5A C200
50/51 TA1

TO M3425A 4000/5A
TO M3425AR 4000/5A
CT-5A 3CT 4000/5A C200
CT-9A 3CT 4000/5A C200
4000A VACUUM C.B.-G. 1000MVA 65KA
CT-6A 3CT 4000/5A C200

CT-5B 3CT 4000/5A C200
CT-9B 3CT 4000/5A C200
TO M3425A 4000/5A
TO M3425AR 4000/5A
4000A VACUUM C.B.-G. 1000MVA 65KA
CT-6B 3CT 4000/5A C200

86 TA2
50/51 TA2
REMOVABLE LINK
CT-10A 3CT 400/5A C200

BOP
TA1 DRY TYPE TRANSFORMER 1500 KVA @ 80°C 13.8KV/480V. DYn1
GT & BOP LOADS

SC
LA
4000A TENV NON SEGREGATED PHASE BUS

TWIN PAC UNIT #1
BRUSH BDAX 72.290 ER
82.235MVA, 0.85PF
69.9MW
13.8KV 60HZ

TWIN PAC UNIT #2
BRUSH BDAX 72.290 ER
82.235MVA, 0.85PF
69.9MW
13.8KV 60HZ

N
REMOVABLE LINK
TD DISTRIBUTION TRANSFORMER 13.8KV/240V 96.6 KVA 30 SEC RATED
RESISTOR 30 SEC RATED Ω 0.25 R

TA2 DRY TYPE TRANSFORMER 1500 KVA @ 80°C 13.8KV/480V. DYn1
BOP
GT & BOP LOADS

FOR PROPSAL PURPOSES ONLY
NOT FOR CONSTRUCTION

CONFIGURATION; SP62, GF, WATER INJECTED, STANDARD FIRE SUPPRESSION, SCR/CO CATALYST SYSTEM, BRUSH BDAX 72.290ER ELECTRIC GENERATOR FT8-3, MANUAL TRANSFER SWITCH, INLET FOGGING

DRAWING NO. 06BP029-185-E100D SHT 1 REV D

STARWOOD POWER - MIDWAY, LLC PEAKING PROJECT	Figure 3.4-4A	DIAGRAM, ONE LINE FT8-3 TWIN PAC 13.8KV, 60 HZ	2006