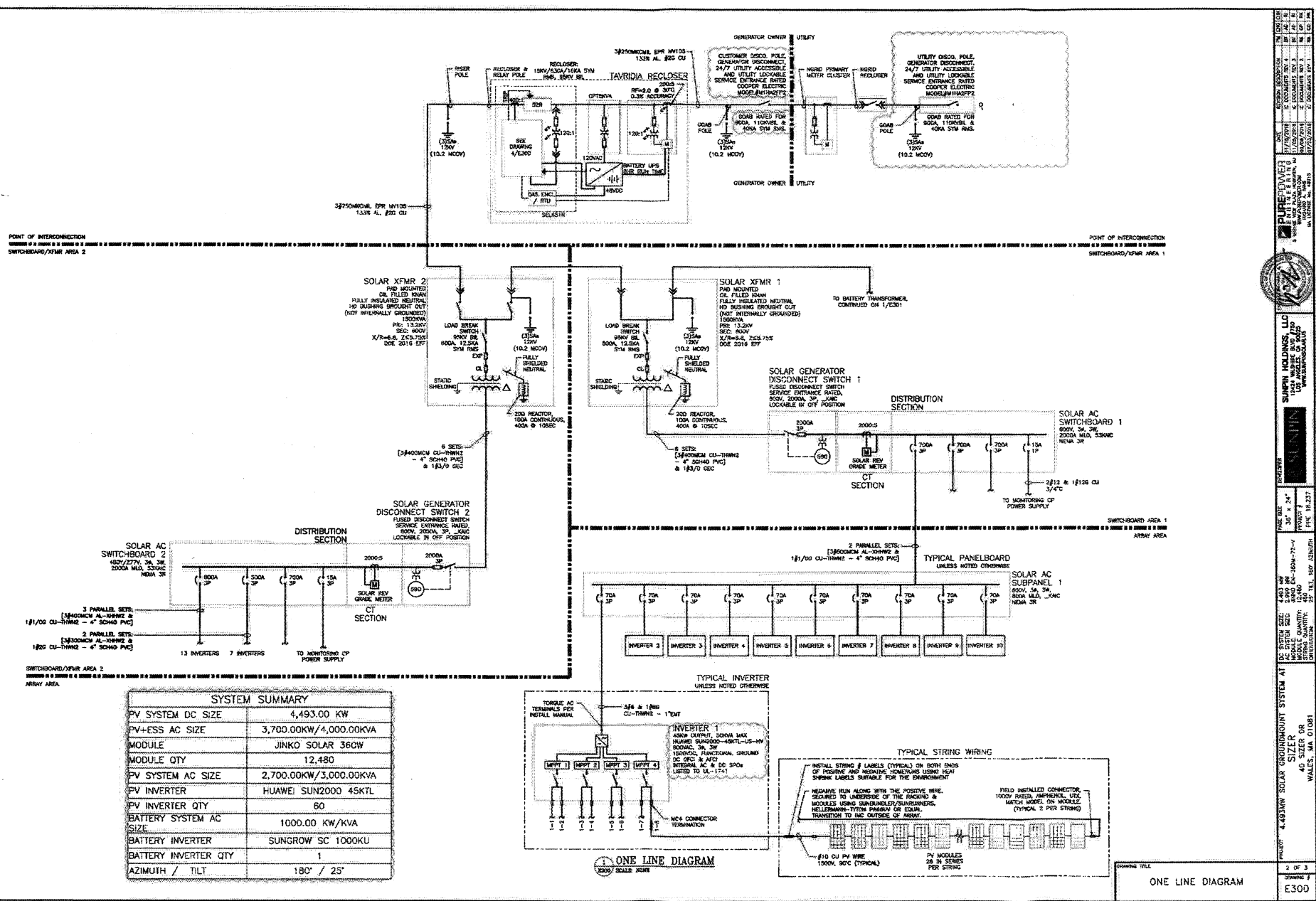
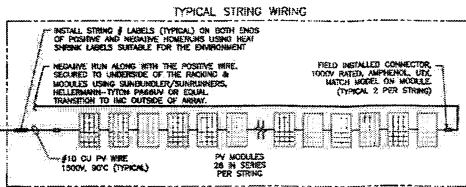
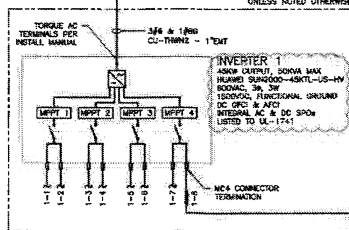


DATE: 08/11/2016 TIME: 14:00



SYSTEM SUMMARY	
PV SYSTEM DC SIZE	4,493.00 KW
PV+ESS AC SIZE	3,700.00KW/4,000.00KVA
MODULE	JINKO SOLAR 360W
MODULE QTY	12,480
PV SYSTEM AC SIZE	2,700.00KW/3,000.00KVA
PV INVERTER	HUAWEI SUN2000 45KTL
PV INVERTER QTY	60
BATTERY SYSTEM AC SIZE	1000.00 KW/KVA
BATTERY INVERTER	SUNGROW SC 1000KU
BATTERY INVERTER QTY	1
AZIMUTH / TILT	180° / 25°



Rushmore Rotary						
JOBS ELEMENT #	Pickup	Real	Local	Entry Time	Curve	Description
27	51.57V	6754.4V	66.0%	1.46		Normal
27	51.79V	7079.7V	66.0%	1.46		Normal
27	78.28V	10488.5V	42.0%	0.11		Normal
27C	69.84V	10104V	38.0%			Normal
58	69.84V	10979V	130.0%	2.05		Normal
58	71.52V		130.0%	0.11		Normal
58	79.47V	1027.2V	125.0%	0.10		Normal
58B	8.20V	281.2V	13.0%	1.59		Normal
47			18.0%	0.46		Major correction
810-1	36.0%	56.5%	94.5%	0.11		Part of
810-2	36.5%	36.5%	91.2%	0.09		Part of
810-3	42.0%	1.2%	105.4%	0.11		Part of
810-4	65.0%	65.0%	157.0%	209.3%		Part of
51	0.05%		209.0%	0.19	C3	Normal
50	3.04%	1976.6A	1200.0%	0.02		Normal
51C	0.05%	34.8%	5.0%	1.58		Normal
510B	0.06%	34.8%	15.0%	1.43	U6	Normal
51B	0.06%	32.8%	15.0%	1.50	C3	Normal
48	37% at Inlet Pressure below 7500psi		8.0%			Normal
79				239.5%		Normal

133.37% above 500 RPM (LIMB) 2600 RPM FOR 77.79V = 1.20
 CY RATIO FACTOR = 400 FT RATIO FACTOR = 1.20
 "Steel Churn Time" is cycle between opening and closing

NOTE:

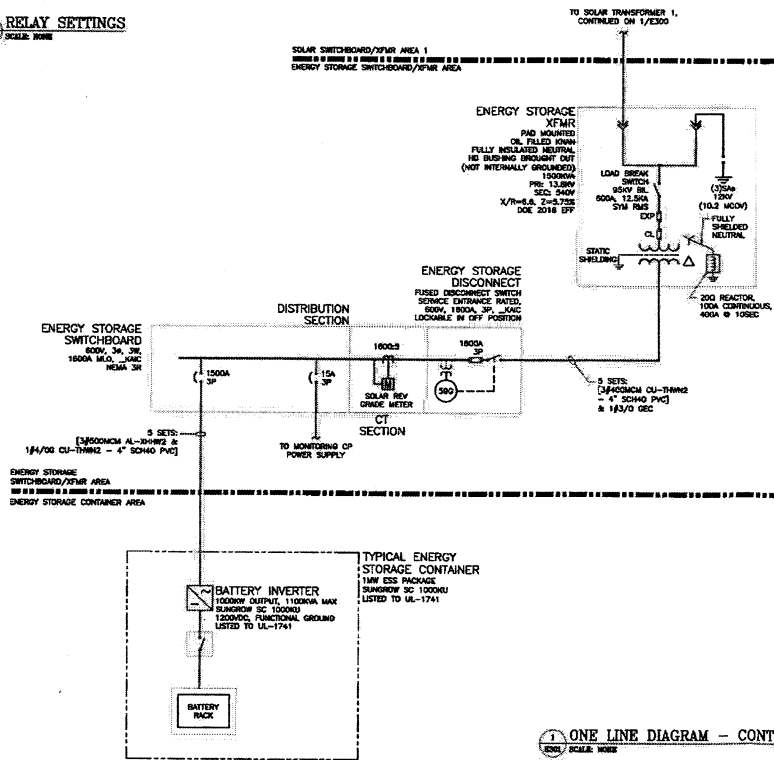
1. DO NOT CHECK FOR HEALTHY VOLTAGE AND FREQUENCY FOR 5 MINUTES BEFORE INTERCONNECTING PER IEEE 1547 SECTION 4.4.8
2. THE INTERIE BREAK CANNOT BE CLOSED BACK IN DURING THE FIVE MINUTE MEASUREMENT OF ACCEPTABLE VOLTAGE AND FREQUENCY AS DEFINED IN IEEE1547-2003 SECTION 4.2.8 (VOLTAGE SHALL BE WITHIN ABB RANGE B AND FREQUENCY 60.302 AND 60.392)
3. RELAY WILL TRIP ON LOSS OF DC POWER, HARDWARE FAULT AND RELAY FAULT

9 RELAY SETTINGS

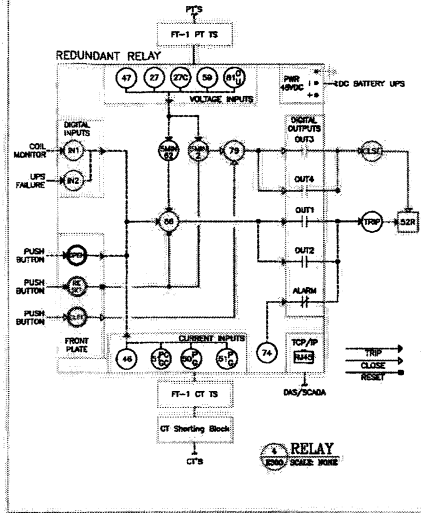
REVERT UCL750-S Control					
WEG ELEMENT #	Pickup	Reset	Delay (sec)	Curve	Drive/Options
27	130.00%	320%	06.00	2.00	Inst 1/2
27	200.00%	320%	02.00	1.00	Inst 1/2
39	600.00%	600%	1.00	3.00	Inst 1/2
39	170.00%	750%	130.00%	0.50	Inst 1/2
E11-1	50.50%	50.50%	24.50%	0.50	Inst 1/2
E11-2	50.50%	50.50%	97.50%	0.00	Inst 1/2
E11-3	01.00%	01.00%	90.00%	0.50	Inst 1/2
E11-4	60.00%	60.00%	203.00%	0.00	Inst 1/2
PF Set Point		LOP			Alarm/Reset Control
Val Control		LOP			Alarm/Reset Control
Pressure		3000% w/c			Alarm/Reset Control
Flow Control		OP			Inst 1/2

Factory Settings

INVERTER SETTINGS



1 ONE LINE DIAGRAM - CONTINUED
E301 SCALE: NONE



NOTE:

1. THIS IS A BATTERY SYSTEM AND IS CONTROLLED BY ENERGY MANAGEMENT SYSTEM, IT WILL NOT BACK FEED GRID DURING PV SYSTEM OPERATION.
2. THE SYSTEM CAPACITY WILL NOT EXCEED 2.99MW AT ANY MOMENT.

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ONE LINE DIAGRAM
CONTINUED