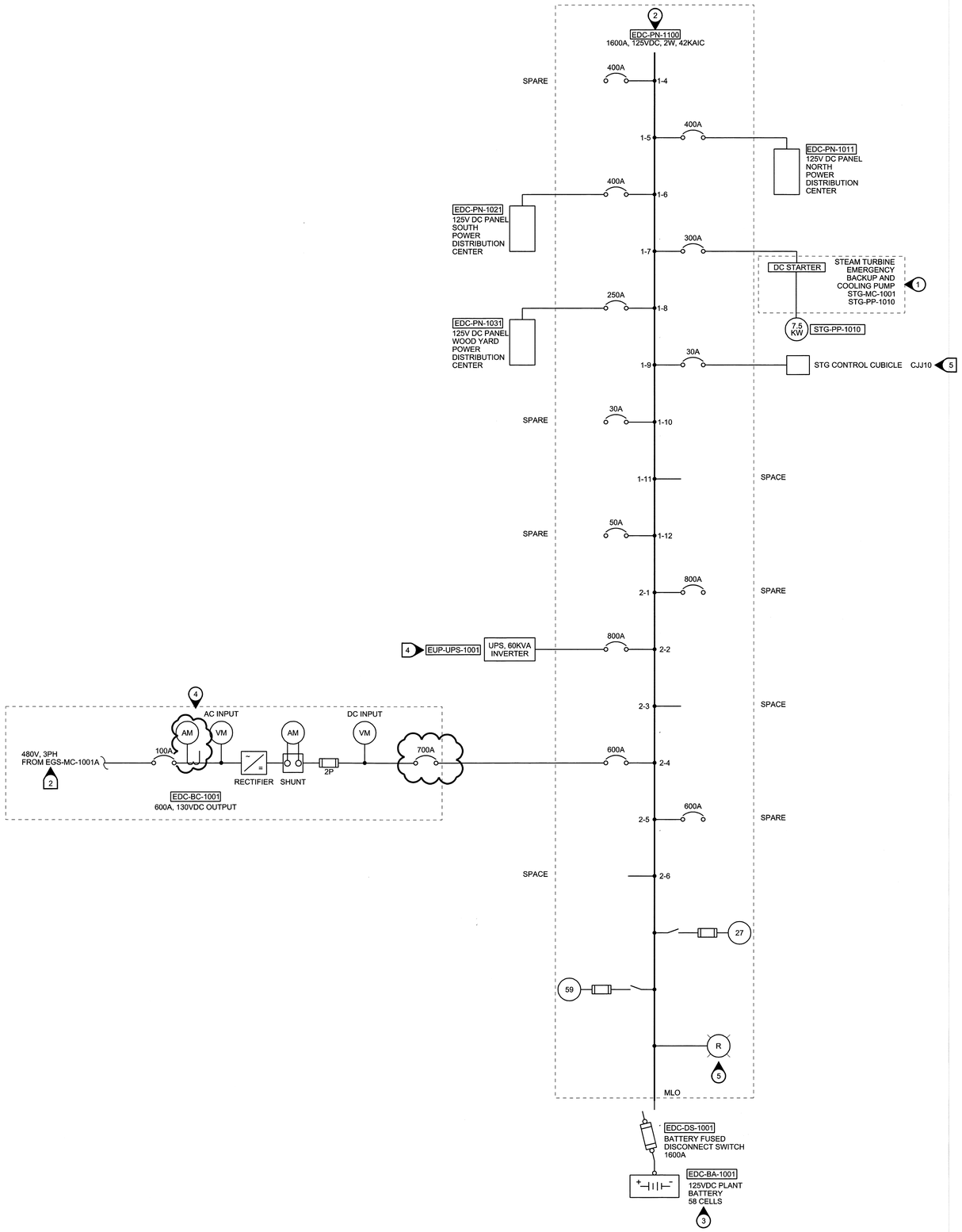

GENERAL NOTES

X

1. EQUIPMENT FURNISHED BY SIEMENS, INSTALLED BY CONTRACTOR NEAR MOTOR.
2. PANELBOARD EDC-PN-1100 TO BE INSTALLED IN DC BATTERY BUILDING PER REFERENCE DRAWING 3.
3. BATTERY STRING EDC-BA-1001 INSTALLED PER REFERENCE DRAWING 4. CONTRACTOR SHALL INSTALL 58 CELLS INTO THE BATTERY STRING AND LEAVE 2 CELLS UNINSTALLED AS FUTURE SPACES.
4. BATTERY CHARGER EDC-BC-1001 INSTALLED IN DC BATTERY BUILDING PER REFERENCE DRAWING 3.
5. PROVIDE GROUND DETECTION LIGHT MOUNTED ON DC PANELBOARD ENCLOSURE.

REFERENCE DRAWINGS

X

1. ELECTRICAL; ANNOTATIONS, ABBREVIATIONS & ASSOCIATIONSSYMBOLS LIST AND GENERAL NOTES D014200-AAAE71001 SH01-SH02
2. EMERGENCY GENERATOR SYSTEM EGS-MC-1001A D014200-EGSE11011 SH01
3. POWER DISTRIBUTION CENTER DC BATTERY BUILDING EQUIPMENT LAYOUT D014200-BLPE01006 SH01
4. UNINTERRUPTIBLE POWER SYSTEM 208/120V 3-PHASE UPS SYSTEM SYSTEM ONE-LINE DIAGRAM D014200-EUPE11001 SH01
5. CIRCUIT DIAGRAM DC DISTRIBUTION (SIEMENS 1CSD437959) M014200-STGE00021 SH 110 REV D
6. SWITCHBOARD GENERAL INFORMATION (EATON UX8302030201-0000) M014200-EDCE00018 SH01-07 REV 1
7. SINGLE LINE DIAGRAM (GUTOR 1120044001/00) M014200-EUPE0005 SH01 REV 5

NO.	REVISION	DATE	DRWN	DSND	CHKD	CHKD
1	REVISED CIRCUIT BREAKERS AND SCHEMATIC	10/9/12	USP	PLKP	MDP	LVM
0	ISSUED FOR BID					

Gainesville Renewable Energy Center
An American Renewables Company

ZACHRY

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EXTENSIVE CHANGES
REVIEW THOROUGHLY

MICHAEL A. GENTRUP LICENSE No. P.E.72557 10/9/12 STATE OF FLORIDA PROFESSIONAL ENGINEER

GAINESVILLE RENEWABLE ENERGY CENTER

DC POWER SYSTEM
125VDC POWER SYSTEM
ONE-LINE DIAGRAM

DRAWN	DESIGNED	CHECKED
N. SCHULTE	K. MEREDITH	J. STILLWELL / L. MEYER

APPROVED DM: M. GENTRUP
APPROVED PM: P. KWIST

DRAWING NUMBER: D014200- EDCE11001
SHEET: 01
REV: 1