



**LEGEND**

TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION
MCP	MOTOR CIRCUIT PROTECTOR
100A CB	MOLDED CASE CIRCUIT BREAKER, AMP RATING DENOTES TRIP
CP	CONTROL PANEL
1M	UNIT NUMBER
FVNR	FULL VOLTAGE-NON REVERSING
HOA	HAND OFF AUTO SELECTOR
TCS	TURBINE CONTROL SYSTEM
OL'S	THERMAL OVERLOAD HEATER
AFD	ADJUSTABLE FREQUENCY DRIVE
PLC	PROGRAMMABLE LOGIC CONTROLLER

- REFERENCE DRAWINGS**
- ANNOTATIONS, ABBREVIATIONS & ASSOCIATIONS SYMBOLS LIST AND GENERAL NOTES D014200-AAAE71001 SH01-SH02
  - LOW VOLTAGE AC POWER SYSTEM; 480V SWITCHGEAR ELA-SG-1001 ONE-LINE DIAGRAM D014200-ELAE11001 SH01
  - 125 VDC POWER SYSTEM; ONE-LINE DIAGRAM D013723-EUPE11001 SH01
  - UNINTERRUPTIBLE POWER SYSTEM; ONE-LINE DIAGRAM D013723-EUPE11001 SH01
  - EGS-MC-1001A; MODEL 6 MOTOR CONTROL CENTER; ONE LINE DIAGRAM SQUARE DWG# Q30895089-039-01 SH01 M014200-PDCE00305 SH01 RA

**EXTENSIVE CHANGES**  
REVIEW THOROUGHLY

1	ISSUED FOR CONSTRUCTION	10/12/12	AJG	AJG	MDP	ASD
0	ISSUED FOR BID (ISSUED WITH HOLDS)					
NO.	REVISION	DATE	DRWN	DSND	CHKD	CHKD

**Gainesville Renewable Energy Center**  
An American Renewables Company

**ZACHRY**

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**GAINESVILLE RENEWABLE ENERGY CENTER**  
EMERGENCY GENERATOR SYSTEM  
480V MCC EGS-MC-1001A  
ONE-LINE DIAGRAM

DRWN	DESIGN	CHECKED	CHECKED
L. PETERSEN	L. MEYER	J. STILLWELL	K. MEREDITH
APPROVED BY	DRAWING NUMBER	SHEET	REV.
<i>M. GENTRUP</i>	D014200- EGSE11011	02	1

