



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
- FVR FULL VOLTAGE REVERSIBLE
- HOA HAND OFF AUTO SELECTOR
- PLC PROGRAMMABLE LOGIC CONTROLLER, PROVIDED BY FUEL HANDLING SYSTEM VENDOR
- OL'S THERMAL OVERLOAD HEATER
- AFD ADJUSTABLE FREQUENCY DRIVE

GENERAL NOTES

1. EQUIPMENT LOCATED IN FIELD AND PROVIDED BY FUEL HANDLING SYSTEM VENDOR.

REFERENCE DRAWINGS

1. ANNOTATIONS, ABBREVIATIONS & ASSOCIATIONS SYMBOLS LIST AND GENERAL NOTES D014200-AAAE71001 SH01-SH02
2. LOW VOLTAGE AC POWER SYSTEM; WOOD YARD 480V SWITCHGEAR ELA-SG-1006; ONE-LINE DIAGRAM; D014200-ELAE11003 SH01
3. ELA-MC-1006A; MODEL 6 MOTOR CONTROL CENTER; ONE LINE DIAGRAM SQUARE D DWG# 030895089-014-01 SH01-SH02 M014200-PDCE00288 SH01-SH02 RP2

1	ISSUED FOR CONSTRUCTION	10/12/12	ATG	ALG	MP	LM
0	ISSUED FOR BID					
NO.	REVISION	DATE	DRWN	DSND	CHKD	CHKD

Gainesville Renewable Energy Center
An American Renewables Company

ZACHRY
ZACHRY ENGINEERING CORPORATION - 1515 ARAPAHOE STREET, TOWER 1, SUITE 800, DENVER, CO 80202-4256
AMARILLO, TX CHARLOTTE, NC HOUSTON, TX MINNEAPOLIS, MN OMAHA, NE SAN ANTONIO, TX

GAINESVILLE RENEWABLE ENERGY CENTER
LOW VOLTAGE AC POWER SYSTEM
480V MCC ELA-MC-1006A
ONE-LINE DIAGRAM

DRWN	10/11	DESIGN	10/11	CHECKED	10/11	CHECKED	10/11
L. PETERSEN	A. DAESER	J. STILLWELL	L. MEYER				
APPROVED BY	DRWING NUMBER	SHEET	REV				
<i>M. Gentrup</i>	D014200- ELAE11019	02	1				

EXTENSIVE CHANGES
REVIEW THOROUGHLY

