



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
CO	CONTACTOR
DCS	DISTRIBUTED CONTROL SYSTEM
OL'S	THERMAL OVERLOAD HEATER
AFD	ADJUSTABLE FREQUENCY DRIVE
TCS	TURBINE CONTROL SYSTEM
☒	VALVE ACTUATOR WITH INTEGRAL COMBINATION STARTER

REFERENCE DRAWINGS

- ANNOTATIONS, ABBREVIATIONS & ASSOCIATIONS SYMBOLS LIST AND GENERAL NOTES D014200-AAAAE71001 SH01-SH02
- LOW VOLTAGE AC POWER SYSTEM; 480V SWITCHGEAR ELA-SG-1002; ONE-LINE DIAGRAM D014200-ELAE11002 SH01
- ELA-MC-1002A; MODEL 6 MOTOR CONTROL CENTER; ONE LINE DIAGRAM; SQUARE D DWG # C00895089-041-01 SH01-SH02 M014200-PDGE00341 SH01-SH02 RP2

EXTENSIVE CHANGES
REVIEW THOROUGHLY

1	ISSUED FOR CONSTRUCTION								
0	ISSUED FOR BID								
NO.	REVISION	DATE	DRWN	DSND	CHKD	CHRD			

Gainesville Renewable Energy Center
An American Renewables Company

ZACHRY

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GAINESVILLE RENEWABLE ENERGY CENTER
LOW VOLTAGE AC POWER SYSTEM
480V MCC ELA-MC-1002A
ONE-LINE DIAGRAM

DRWNR	110911	DESIGNED	110911	CHECKED	110911				
L.PETERSEN		A.DAEGER		J.STILLWELL		L.MEYER			
APPROVED BY		DRAWING NUMBER		SHEET		REV			
<i>[Signature]</i>		D014200- ELAE11012		01		1			

