



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-AAAE71001 SH01-SH02 ELECTRICAL
 - LOW VOLTAGE AC POWER SYSTEM; 480V SWITCHGEAR ELA-SG-1001; ONE-LINE DIAGRAM D014200-ELAE11001 SH01
 - ELA-MC-1001A; MODEL 6 MOTOR CONTROL CENTER; ONE LINE DIAGRAM; SQUARE D DWG # O30895089-040-01 SH01-SH02 M014200-PDCE00320 SH01-SH02 RP2

EXTENSIVE CHANGES
REVIEW THOROUGHLY

1	ISSUED FOR CONSTRUCTION	1/15/12	AUG	AUG	ASD	MCP
0	ISSUED FOR BID					
NO.	REVISION	DATE	DRWN	DSND	CHKD	CHGD



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GAINESVILLE RENEWABLE ENERGY CENTER
 LOW VOLTAGE AC POWER SYSTEM
 480V MCC ELA-MC-1001A
 ONE-LINE DIAGRAM

DRAWN	1/15/12	DESIGNED	1/15/12	CHECKED	1/15/12
L. PETERSEN		A. DAEGER		J. STILLWELL	L. MEYER
APPROVED BY		DRAWING NUMBER		SHEET	REV
M. GENTRUP		D014200- ELAE11011		01	1

