

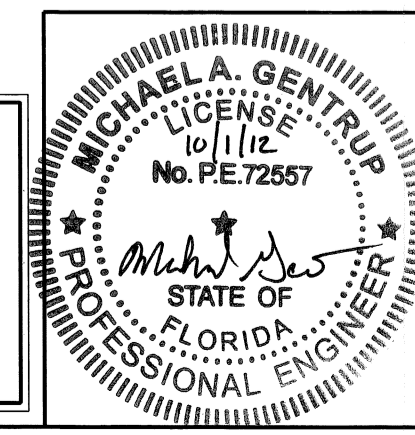
LEGEND

- LSIG LONG-TIME, SHORT-TIME, INSTANTANEOUS, GROUND FAULT INTERRUPTING (PROVIDED BUT NOT USED)
- TVSS TRANSIENT VOLTAGE SURGE SUPPRESSION
- VAN SINGLE PHASE VOLTAGE, PHASE A-TO-NEUTRAL
- EO ELECTRICALLY OPERATED
- RESISTANCE GROUNDING SYSTEM
- INSTRUMENT SIGNAL
- LC LOCAL CONTROL (REMOTE BREAKER CONTROL CABINET)

REFERENCE DRAWINGS

1. ANNOTATIONS, ABBREVIATIONS AND ASSOCIATIONS ELECTRICAL SYMBOLS LIST AND GENERAL NOTES D014200-AAAE11001 SH01-SH02
2. MEDIUM VOLTAGE AC; 4160V SWITCHGEAR EMA-SG-1001 ONE-LINE DIAGRAM D014200-EMAE11001 SH01
3. MEDIUM VOLTAGE AC; 4160V SWITCHGEAR EMA-SG-1002 ONE-LINE DIAGRAM D014200-EMAE11002 SH01
4. LOW VOLTAGE AC POWER SYSTEM; 480V SWITCHGEAR ELA-SG-1003 ONE-LINE DIAGRAM D014200-ELAE11003 SH01
5. LOW VOLTAGE AC POWER SYSTEM; 480V MCC ELA-MC-1004A ONE-LINE DIAGRAM D014200-ELAE11017 SH01
6. ONE-LINE DIAGRAM; 480V MCC ELA-MC-1004B 480V MCC ONE-LINE DIAGRAM D014200-ELAE11022 SH01-SH02
7. ELA-SG-1003/1004 P24 SWITCHGEAR ONE-LINE M014200-PDCE0029 S01 RB

EXTENSIVE CHANGES
REVIEW THOROUGHLY



1	ISSUED FOR CONSTRUCTION	10/11/12	LEP	LM	MDP	EN
9	ISSUED FOR BID					
NO.	REVISION	DATE	DRWN	DSND	CHKD	CHKD

Gainesville Renewable Energy Center
An American Renewables Company

ZACHRY

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GAINESVILLE RENEWABLE ENERGY CENTER
LOW VOLTAGE AC POWER SYSTEM
480V SWITCHGEAR ELA-SG-1004
ONE-LINE DIAGRAM

DRAWN	CHECKED	CHECKED	CHECKED
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APPROVED BY	DRAWING NUMBER	SHEET	REV
	D014200- ELAE11004	01	1
APPROVED PM			