



### 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                           |
| RES     | HIGH RESISTANCE GROUNDING SYSTEM                     |

- ### REFERENCE DRAWINGS
- ANNOTATIONS, ABBREVIATIONS & ASSOCIATIONS SYMBOLS LIST AND GENERAL NOTES D014200-AAAE71001 SH01-SH02
  - LOW VOLTAGE AC POWER SYSTEM; ONE-LINE DIAGRAM D014200-ELAE11001 SH01
  - 125 VDC POWER SYSTEM; ONE-LINE DIAGRAM D014200-EDCE11001 SH01
  - UNINTERRUPTIBLE POWER SYSTEM; ONE-LINE DIAGRAM D013723-EUPE11001 SH01
  - EGS-MC-1001A; MODEL 6 MOTOR CONTROL CENTER; ONE LINE DIAGRAM SQUARE D DIVISE C30895089-039-01 SH01 M014200-PDCE00305 SH01 RA

| 2   | ISSUED FOR CONSTRUCTION            | 10/15/19 | AJS  | AJS  | MDP  | ASD  |
|-----|------------------------------------|----------|------|------|------|------|
| 1   | ADDED WATER TREATMENT PANELS       | 11/01/19 | LEP  | ASD  | MDP  | LM   |
| 0   | ISSUED FOR BID (ISSUED WITH HOLDS) |          |      |      |      |      |
| NO. | REVISION                           | DATE     | DRWN | DSHD | CHKD | CHKD |

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

**ZACHRY**

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

|             |                    |              |             |
|-------------|--------------------|--------------|-------------|
| DRAWN       | DESIGNED           | CHECKED      | CHECKED     |
| L. PETERSEN | J. MEYER           | J. STILLWELL | K. MEREDITH |
| APPROVED BY | DRAWING NUMBER     | SHEET        | REV.        |
| M. GENTILEP | D014200- EGSE11011 | 01           | 2           |
| APPROVED BY |                    |              |             |
| POWELL      |                    |              |             |

**EXTENSIVE CHANGES**  
REVIEW THOROUGHLY

