



- ### GENERAL NOTES
1. SYSTEM DESIGN PRESSURE = 100 psig
OPERATING PRESSURE = 70 psig
 2. SYSTEM DESIGN TEMPERATURE = 150°F
 3. SYSTEM FLUID IS 30% PROPYLENE GLYCOL WITH DEMINERALIZED WATER AND CORROSION INHIBITOR.
 4. ALL VENTS AND DRAINS ARE 1" UNLESS NOTED OTHERWISE.
 5. ALL PRESSURE TAPS ARE 3/4" UNLESS NOTED OTHERWISE.
 6. PIPING, VALVES, AND INSTRUMENTS SHALL BE DESIGNED, SUPPLIED, AND ERRECTED BY METSO.
 7. TEMPORARY FILTER CONNECTIONS.

- ### REFERENCE DRAWINGS
1. ANNOTATIONS, ABBREVIATIONS, ASSOCIATIONS PROCESS AND INSTRUMENTATION DIAGRAM MECHANICAL & INSTRUMENTATION SYMBOLOLOGY D014200-AAAM01001 SH01 AND SH02
 2. METSO SERVICE AND COOLING WATER (P00028069 SH01 R2) M014200-BLRD00035 SH01 R3
 3. METSO BOTTOM ASH HANDLING A (P00028062 SH01 R2) M014200-BLRD00027 SH01 R3
 4. METSO BOTTOM ASH HANDLING B (P00028063 SH01 R2) M014200-BLRD00028 SH01 R3
 5. METSO BOTTOM ASH HANDLING C (P00028064 SH01 R2) M014200-BLRD00029 SH01 R3
 6. METSO BOTTOM ASH SIEVING (P00028065 SH01 R2) M014200-BLRD00031 SH01 R3
 7. METSO 2ND AND 3RD PASS ASH (P00028060 SH01 R2) M014200-BLRD00025 SH01 R3
 8. SIEMENS GENERATOR SYSTEM (1CSD421029) M014200-STGD00015 SH01 RA1
 9. SIEMENS LUBE OIL SUPPLY SYSTEM (1CSD421008) M014200-STGD00009 SH01-SH02 RA1
 10. METSO TERMINAL POINT LIST (P00035017 SHIL R2) M014200-BLRM00001 SIL R2
 11. SIEMENS TECHNICAL DATA SERVICE EQUIPMENT (1CSD339885) M014200-STGM00001 SIL RA

2	ADDED PUMP MOTORS, DRAINS, VENT, NOTE #7	03/20/12	TM	MSL	ML	02/8
1	GENERAL UPDATE	11/02/11	AEN	KWB	PTO	REB
0	ISSUED FOR CONSTRUCTION					
NO.	REVISION	DATE	DRWN	DSHD	CHKD	CHKD

Gainesville Renewable Energy Center
An American Renewables Company

ZACHRY

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GAINESVILLE RENEWABLE ENERGY CENTER
CLOSED CYCLE COOLING WATER SYSTEM
PROCESS & INSTRUMENTATION DIAGRAM

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SHEET: 02
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