

# GAINESVILLE RENEWABLE ENERGY CENTER

Operated by **NAES**



## January 2016 MONTHLY PERFORMANCE REPORT

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## 1. SUMMARY

The plant was in reserve shutdown for all of January. There were no environmental incidents. We did have one first aid incident in which an employee turned his ankle. There are three Fuel Yard Operator jobs open, and we plan to leave them unfilled for now.

### **Operations:**

The unit did not operate and has been available for 744 hrs. in the month of January. The plant remained in Reserve Shutdown as directed by GRU.

The boiler and main steam lines are in a dry lay-up with a nitrogen cap as a means of preservation to prevent corrosion. The DA/ Feedwater tank continue to be in a wet lay-up with a nitrogen cap. We continue to receive dry fuel (to be covered) which is being added to our inventory for long term storage.

## 2. MONTHLY PERFORMANCE DATA

2016																	
PLANT SUMMARY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	QTR 1	QTR 2	QTR 3	QTR 4	YTD
<b>Monthly Performance Data</b>																	
<b>Operations</b>																	
Gross Generation (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Generation (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solid Fuel Flow (ft3)	REDACTED																
Solid fuel Flow (Tons)	REDACTED																
Natural Gas Usage MMBTU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Avg Burn rate (Tons/nMWH)	REDACTED																
Operating hours	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of trips	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Safety</b>																	
Lost Time Accidents	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lost Time Incident Rate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Recordables	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Recordable Incident Rate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
First Aid Incidents	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Near Miss Incidents	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Maintenance: WO Summary</b>																	
Start Backlog	206	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
End Backlog	110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wos/Comp Rec WO's	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Completed W.O.s	114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Received WO's	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

### 3. PRODUCTION STATISTICS

2016																	
Production Statistics																	
Monthly Performance Data	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	QTR 1	QTR 2	QTR 3	QTR 4	YTD
<b>Other</b>																	
Ammonia Received (Gallons)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ammonia Consumed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sodium Bicarbonate Received (Tons)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sodium Bicarbonate Consumed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bottom Ash Generated (Tons)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fly Ash Generated (Tons)	43	0	0	0	0	0	0	0	0	0	0	0	43	0	0	0	43
Filter Cake (Tons)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Diesel Fuel</b>																	
Diesel Fuel Received	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diesel Fuel Burned	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
- Heavy Equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
- Boiler	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diesel Fuel Ending Inventory	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Water</b>																	
Process Water Usage	256,162	0	0	0	0	0	0	0	0	0	0	0	256,162	0	0	0	256,162
Reclaim Water Usage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

## 4. SAFETY

### NAES Staff

	Month	Hours	First Aid	Recordable	Rec. Rate	LTA	LTA Rate	Near Miss
	January	4913.5	0	0	0.0	0	0.0	0
	February	0.00	0	0	0.0	0	0.0	0
	March	0.00	0	0	0.0	0	0.0	0
	April	0.00	0	0	0.0	0	0.0	0
	May	0.00	0	0	0.0	0	0.0	0
	June	0.00	0	0	0.0	0	0.0	0
	July	0.00	0	0	0.0	0	0.0	0
	August	0.00	0	0	0.0	0	0.0	0
	September	0.00	0	0	0.0	0	0.0	0
	October	0.00	0	0	0.0	0	0.0	0
	November	0.00	0	0	0.0	0	0.0	0
	December	0.00	0	0	0.0	0	0.0	0
<b>Year to Date Total</b>		<b>4,913.50</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

### Contractors

	Month	Hours	First Aid	Recordable	Rec. Rate	LTA	LTA Rate	Near Miss
	January	90	0	0	0.0	0	0.0	0
	February	0	0	0	0.0	0	0.0	0
	March	0	0	0	0.0	0	0.0	0
	April	0	0	0	0.0	0	0.0	0
	May	0	0	0	0.0	0	0.0	0
	June	0	0	0	0.0	0	0.0	0
	July	0	0	0	0.0	0	0.0	0
	August	0	0	0	0.0	0	0.0	0
	September	0	0	0	0.0	0	0.0	0
	October	0	0	0	0.0	0	0.0	0
	November	0	0	0	0.0	0	0.0	0
	December	0	0	0	0.0	0	0.0	0
<b>Year to Date Total</b>		<b>90.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**Accidents:**

There were no accidents in January.

**Near Miss Reports:**

No Near Miss Reports were completed in January.

**Training:**

37 individuals completed 153 safety courses in January.

## 5. ENGINEERING & ENVIRONMENTAL

- 1/29: 4<sup>th</sup> Quarter EER, EDR & Semi-Annual TV Deviation and DARs Submitted
- 1/30: Semi-Annual IB MACT Submitted
- Fly Ash & Salt Cake beneficial re-use alternatives – GreenTechnologies trial

**Pending:**

- ACEPD Quarter 4 Emissions Detail Report – 2/5
- Annual TV Statement of Compliance (SOC) – 3/1
- Tier 2 Right to Know – 3/1
- GHG – 3/31
- Annual Operating Report (AOR) – 4/1
- FDEP Potable Water Inspection – TBD

## 6. OPERATIONS

No electricity was generated during the month.

A total of 28 trucks were unloaded with 653.17 tons of wood received.

There were a total of 72 Safe Work Permits, 26 LOTOs, and 1 Confined Space Permit issued.

The Boiler, DA / Feedwater tank, and Main Steam have remained in a modified long term storage condition. Feedwater tank chemistry continues to be monitored weekly.

## 7. WATER CHEMISTRY

- **Cooling Tower:** A small recirculation pump has been installed in the cooling tower basin in order to allow us to recirculate without having to run the large circulating pumps more than one per week. A chlorine chemical injection system has been installed in the Circ. Water chemical building to help stabilize cooling tower basin chlorine levels while shutdown.
- **Boiler/ Make-Up Water:** Continue to flush the make-up water trains to prevent biological fouling.
- **Well/Reclaim Water:** Reclaim water has been secured and well water use as been curtailed while in Reserve Shutdown.
- **ZDS:** Has been shut down and the BC was mechanically cleaned.
- **Potable water:** Completed and submitted monthly and quarterly samples, including Bacteria.

## 8. FUEL HANDLING

- Continue to receive dry wood (to be tarped) for long term storage..
- PMs performed on belts and machines.
- Activated Carbon is now being used on top of fuel piles for odor control.

## 9. TRAINING

- GPiLearn: 37 individuals completed 182 total courses in January.
- 8 contractors received NAES site safety training in January.



## 10. MAINTENANCE

- Had crews work on GPI-Learn training.
- Held daily Safety meetings with maintenance crews.
- Held SafeStart unit # 2 safety training for all maintenance.
- One maintenance employee sent to NAES safety conference.
- Met with vendor for fire protection service.
- IC/E cleaned DCS room.
- Mechanics worked on monthly PMs.
- IC/E working on monthly PMs.
- WW Gay crews worked on camera at the Hague.
- Reviewed proposal on NERC compliance work.
- IC/E Tech worked on NERC assignments.
- Mechanics changed out bad motor and pump on BFW Pump.
- IC/E Tech repaired and rewired motor for BFW Pump.
- Fire Inspection walk through with vendor.
- AVP site visit and walk down.
- Mechanics worked Bay# 3 truck tipper, bearings, shafts, and pivot pins change out.
- Mechanics worked Bay# 2 truck tipper, bearings, shafts, and pivot pins change out.
- Mechanics worked Bay# 2 truck tipper, backstop hydraulic cylinder replacement.
- IC/E worked on electrical lighting and grounding of oil building.
- IC/E Tech worked on material for power run on stacker lube system.
- IC/E worked on and with CMMs, card change out.
- Mechanics worked on chemical freeze protection around boiler chemical pumps.
- Vendor worked on Reman Wagner rear-end wheel leak.
- IC/E Tech called out to trouble shoot issue with (A) & (B) BFW pump, resolved issue with (B) pump. Still looking into (A) pump.
- IC/E worked on running conduit and wire pull for Oil Storage building.
- Mechanics worked on mechanical seal on crystallizer condensate pump ZDS area.
- Mechanics changed gaskets on all bag house doors.
- SKF Summary report, readings pumps when available.
- Scheduled work orders for January: 224. Completed work orders: 114.

## 11. ADMINISTRATION

### Staffing:

There were three Fuel Yard positions open as of January 31, 2016, which will not be filled immediately.

### Temporary Staffing:

There was no temporary labor on site in January.

### November Statistics:

- Payroll: 76 Payroll records processed
- Accounts Payable: 146 invoices processed\*, 122 payments processed  
\*January invoices will continue to be processed through February 12, 2016.
- Procurement: 74 Requisitions reviewed, 74 Purchase Orders generated
- January Overtime: 12.94% of total hours
- 2016 annual overtime: 12.94% of total hours

Spare Parts Inventory Value: \$**REDACTED**