

STATE OF THE UTILITY

Item # 170811

OPERATIONS SUMMARY

CORPORATE SAFETY

ENVIRONMENTAL

REGULATORY

PERSONNEL

January 2018

Safety

Employees

| | Current Month | | | Year to Date | | |
|--------------------------------|---------------|------------|------|--------------|------------|------|
| | First Aid | Recordable | DART | First Aid | Recordable | DART |
| Administration | 0 | 0 | 0 | 0 | 0 | 0 |
| W/WW Systems | 0 | 0 | 0 | 0 | 1 | 0 |
| Energy Supply | 0 | 0 | 0 | 0 | 2 | 0 |
| Energy Delivery - Electric/Gas | 0 | 1 | 1 | 2 | 3 | 2 |
| GRUCom | 0 | 0 | 0 | 0 | 0 | 0 |
| Totals | | 1 | | | 6 | |

Vehicles

| | Current Month | | | Year to Date | | |
|--------------------------------|---------------|------------|-------------|--------------|------------|-------------|
| | Miles Driven | Recordable | Preventable | Miles Driven | Recordable | Preventable |
| Administration | 15,199 | 0 | 0 | 42,046 | 0 | 0 |
| W/WW Systems | 65,611 | 0 | 0 | 211,527 | 4 | 2 |
| Energy Supply | 1,127 | 0 | 0 | 50,018 | 1 | 1 |
| Energy Delivery - Electric/Gas | 91,575 | 1 | 0 | 301,941 | 4 | 1 |
| GRUCom | 6,621 | 0 | 0 | 24,504 | 0 | 0 |
| Totals | 180,133 | 1 | | 630,036 | 9 | |

note: mileage through December. January mileage not yet reported

Environmental

| | Current Month | | Calendar Year to Date |
|-------------------------|--------------------------|---------|-----------------------|
| | | | |
| Notices of Violation | | 0 | 0 |
| Emissions | | | |
| DH1, DH2, DHCT3, JRKCC1 | | | |
| | CO ₂ (tons) | 107,874 | 107,874 |
| | NO _x (tons) | 175 | 175 |
| | SO ₂ (tons) | 110.9 | 110.9 |
| DH Unit 2 (only) | | | |
| | PM _{FLT} (tons) | 5 | 5 |
| | Hg (lbs) | 0.34 | 0.34 |

Regulatory

| | Current Month | | Calendar Year to Date |
|-----------------------------------|---------------|---|-----------------------|
| | | | |
| NERC | | | |
| Notice of Violations | | 2 | 2 |
| Self Reports/Potential Violations | | | |

| Personnel | | | |
|--|--------------------------|----------------------|-------------------|
| | | | |
| | | | |
| | | | |
| | | | |
| | Sum of AUTHORIZED_FTE | Sum of FILLED_FTE | Sum of VACANCY |
| GRU-Administration/ Community Relations | 4.00 | 4.00 | - |
| GRU-Administration/ COO | 2.00 | 1.00 | 1.00 |
| GRU-Administration/ Elect Reliability Compliance | 2.00 | 2.00 | - |
| GRU-Administration/ General Manager | 5.00 | 6.00 | (1.00) |
| GRU-Administration/ Legal Services | 1.00 | 1.00 | - |
| GRU-Administration/ Safety | 5.00 | 2.00 | 3.00 |
| GRU-Administration/ Training | 6.00 | 6.00 | - |
| GRU-Business Services | 6.00 | 4.00 | 2.00 |
| GRU-Communications | 6.00 | 5.00 | 1.00 |
| GRU-Customer Support Services | 119.25 | 107.25 | 12.00 |
| GRU-Electric Environmental Permitting Compliance | 4.00 | 4.00 | - |
| GRU-Energy Delivery | 263.00 | 232.00 | 31.00 |
| GRU-Energy Supply | 146.00 | 141.00 | 5.00 |
| GRU-Energy Supply/ District Energy | 10.00 | 10.00 | - |
| GRU-Finance | 32.00 | 27.00 | 5.00 |
| GRU-GRUCom | 38.00 | 30.00 | 8.00 |
| GRU-Information Technology | 69.00 | 55.00 | 14.00 |
| GRU-Water/ Wastewater | 168.00 | 154.00 | 14.00 |
| Grand Total | 886.25 | 791.25 | 95.00 |

Utility Advisory Board Monthly Report – FY 2018 Safety Data Summary

| Employee Injuries | (DART – days away, restricted duty, temporary transfer) |
|--------------------------|---|
| 10/09/2017 | Employee was nicked in the chest when his knife slipped while removing the insulation from electric service conductor. The wound was treated and closed. Employee returned to regular duty after treatment. |
| 10/20/2017 | While trying to open a valve using both his hands gripped together, the employee strained his left middle finger. Employee returned to regular duty after treatment. |
| 11/04/2017 | Employee lacerated his right hand and index finger on a sharp metal edge when a junction box cover came loose unexpectedly. Employee returned to regular duty after treatment. |
| 11/21/2017 | While cleaning the lime machine, employee had an unknown substance splash in his eye causing irritation. Employee returned to regular duty after treatment. |
| 12/13/2017 | Employee strained both shoulders while pulling off an electrical connection from an underground transformer using an insulated switch stick. (DART – restricted duty) |
| 01/26/2018 | Employee had stiffness to neck and shoulders after his vehicle was rear-ended while stopped in traffic. Employee was placed on restricted duty after treatment. (DART – restricted duty) |

Utility Advisory Board Monthly Report – FY 2018 Vehicle Collision Summary

| Vehicle Collisions | (P) indicates preventable by our employee |
|---------------------------|---|
| 10/09/2017 | Employee caused damage to the front light and fender of the GRU truck while turning in close proximity to another vehicle that had its lay down bin door open. The bin door was not damaged in the collision. (P) |
| 10/18/2017 | Deer ran out in front of vehicle causing damage to the front of vehicle. |
| 10/21/2017 | Employee pulled truck forward and collided with a valve indicator post, scraping the passenger side of the truck. (P) |
| 10/31/2017 | Employee collided with the rear of a car traveling north on Tower Road when the car stopped abruptly for a stopped car in front of him. (P) |
| 11/30/2017 | Employee was making a left turn into a shopping center for a service call. A motorcycle heading the other direction collided with the back corner of the service truck. (P) |
| 12/05/2017 | While the GRU employee was driving a boom truck westbound on University Avenue, a private van entered the road from a side street. The van did not maintain its lane and collided with the passenger side rear wheel of the GRU truck. |
| 12/05/2017 | GRU employee bumped into the rear of private vehicle as it was preparing to turn right onto 13th Street. Private vehicle started to turn right, but then stopped, and the GRU employee failed to notice as he moved forward to turn right as well. (P) |
| 12/27/2017 | A GRU tractor trailer was impacted by a private vehicle as the vehicles were turning left onto Archer Road from Tower Road. The private vehicle ran into the driver's side rear tire of the semi-trailer, causing bumper and headlight damage to the private vehicle. The GRU trailer received minimal damage to the wheel and minor cuts to the tire that was impacted. |
| 01/26/2018 | A private vehicle failed to stop for traffic and collided with a mail truck behind a GRU vehicle. The impact of the collision drove the mail truck into the back of our vehicle. Both the mail truck and GRU vehicle were stopped at a red light on 34 th street when the collision occurred. The damage was to the rear of our vehicle and caused injury to our driver. |

CUSTOMER SUPPORT SERVICES

Customer Operations

New Services

Revenue Assurance

Customer Operations Metrics Summary January 2018

| Active Accounts | Jan-18 | YTD Gain/Loss | FY17 |
|--------------------------------------|--------|---------------|--------|
| <i>Residential Contract Accounts</i> | | | |
| Total | 90,154 | 52 | 90,102 |
| Electric | 83,712 | 18 | 83,694 |
| Gas | 33,304 | 181 | 33,123 |
| Water | 62,713 | 21 | 62,692 |
| Wastewater | 58,681 | 21 | 58,660 |
| Telecomm | 125 | (12) | 137 |

| Active Accounts | Jan-18 | YTD Gain/Loss | FY17 |
|---|--------|---------------|--------|
| <i>Nonresidential Contract Accounts</i> | | | |
| Total | 13,455 | (22) | 13,477 |
| Electric | 10,914 | (3) | 10,917 |
| Gas | 1,631 | 18 | 1,613 |
| Water | 5,887 | (5) | 5,892 |
| Wastewater | 4,660 | 9 | 4,651 |
| Telecomm | 351 | (2) | 353 |

| New Installations | Jan-18 | FY18 To Date | FY17 |
|--------------------------|--------|--------------|------|
| Electric | 86 | 412 | 1545 |
| Gas | 32 | 146 | 432 |
| Water | 32 | 184 | 525 |
| Wastewater | 37 | 179 | 530 |
| Telecomm | 15 | 38 | 223 |

| Residential Disconnects | Jan-18 | FY18 To Date | FY17 |
|--------------------------------|----------|--------------|----------|
| Volume | 776 | 5,441 | 14,335 |
| Average Balance | \$234.94 | \$249.49 | \$245.50 |

| Call Center Volume | Jan-18 | FY18 To Date | FY17 |
|---------------------------|---------|--------------|---------|
| Average Speed of Answer | 0:05:31 | 0:07:44 | 0:04:30 |
| CSR Calls | 12,427 | 43,211 | 138,716 |
| CSR Callbacks | 1,949 | 8,725 | 19,673 |
| IVR Self Service | 23,764 | 95,761 | 283,147 |
| Total | 36,191 | 138,972 | 421,863 |
| IVR/Total | 66% | 69% | 67% |

| Revenue Assurance | Jan-18 | FY18 To Date | FY17 |
|--------------------------|--------------|--------------|----------------|
| Referred to Collections | \$146,958.71 | \$677,859.84 | \$2,214,584.97 |
| Recovered | \$60,671.20 | \$251,017.82 | \$664,519.40 |

| Bills Generated | Jan-18 | FY18 To Date | FY17 |
|------------------------|---------|--------------|-----------|
| Paper Bills | 113,873 | 429,258 | 1,245,142 |
| eBills | 18,101 | 66,353 | 191,498 |
| Total | 131,974 | 495,611 | 1,436,640 |
| eBill/Total | 14% | 13% | 13% |

| Service Orders | Jan-18 | FY18 To Date | FY17 |
|-----------------------|--------|--------------|---------|
| Move Ins | 7,422 | 27,811 | 117,647 |
| Move Outs | 7,931 | 28,291 | 117,865 |

| Payment Arrangements | Jan-18 | FY18 To Date | FY17 |
|-----------------------------|--------|--------------|--------|
| Total | 7,597 | 37,111 | 95,142 |

| Average Res Bill Amounts | Jan-18 | FY18 To Date | FY17 |
|---------------------------------|----------|--------------|----------|
| Electric (kWh) | 880 | 773 | 804 |
| Electric (\$) | \$131.87 | \$116.44 | \$117.98 |
| Gas (Therms) | 57 | 26 | 16 |
| Gas (\$) | \$73.27 | \$40.05 | \$28.81 |
| Water (kGals) | 5 | 5 | 5 |
| Water (\$) | \$29.94 | \$30.71 | \$31.74 |
| Wastewater (kGals) | 5 | 5 | 5 |
| Wastewater(\$) | \$41.79 | \$37.84 | \$38.08 |

ENERGY DELIVERY

ELECTRIC T&D

SYSTEM RELIABILITY

GAS

ENERGY DELIVERY - UAB REPORT - JANUARY 2018

Durations Reliability Report Between 1/01/2018 and 1/31/2018

Excludes Extreme Weather and Generation/Transmission Disturbances

| CUSTOMER DATA | RELIABILITY INDICIES | MONTHLY AVG GOAL |
|--|---|--------------------------|
| Monthly Average Customers Served(C) | 96,559 Average Service Availability Index (ASAI) | 99.9914% |
| Total Hours of Customer Demand | 69,522,480 System Average Interruption Duration Index (SAIDI) | 3.72 Mins. 4.5 Mins |
| Total Number of Outages | 48 Customer Average Interruption Duration Index (CAIDI) | 58.86 Mins 55 Mins |
| Total Number of Customers Affected (CI) | 6,095 System average Interruption Frequency Index (SAIFI) | 0.06 0.08 |
| Total Customer Minutes Interrupted (CMI) | 358,778 | |
| Total Customer "Out Minutes" | 5,620 Average Length of a Service Interruption (L-Bar) | 117.08 Mins |

Outage Duration Times

Average Hours: 1
Maximum Hours: 11
Minimum Hours: 0

Cause of Outages

| Cause | Overhead | Underground | Undetermined | Total |
|--------------------------|----------|-------------|--------------|-------|
| 1. Weather | 0 | 0 | 3 | 3 |
| 1. Vegetation | 12 | 0 | 2 | 14 |
| 1. Animals | 3 | 0 | 0 | 3 |
| 1. Foreign Interference | 0 | 0 | 0 | 0 |
| 1. Human Cause | 1 | 2 | 1 | 4 |
| 1. Undetermined | 5 | 2 | 0 | 7 |
| 1. Equipment Failure | 4 | 9 | 3 | 16 |
| 1. All Remaining Outages | 0 | 0 | 0 | 0 |
| Total | 25 | 13 | 9 | 47 |

Durations Reliability Report Between 10/01/2017 and 1/31/2018

Excludes Extreme Weather and Generation/Transmission Disturbances

| CUSTOMER DATA | RELIABILITY INDICIES | FISCAL YTD GOALS |
|--|--|-------------------------|
| Monthly Average Customers Served(C) | 96,559 Average Service Availability Index (ASAI) | 99.9540% |
| Total Hours of Customer Demand | 282,724,752 System Average Interruption Duration Index (SAIDI) | 8.15 Mins 18 Mins |
| Total Number of Outages | 191 Customer Average Interruption Duration Index (CAIDI) | 47.07 Mins 55 Mins |
| Total Number of Customers Affected (CI) | 16,724 System average Interruption Frequency Index (SAIFI) | 0.17 0.32 |
| Total Customer Minutes Interrupted (CMI) | 787,121 | |
| Total Customer "Out Minutes" | 21,563 Average Length of a Service Interruption (L-Bar) | 112.90 Mins |

Outage Duration Times

Average Hours: 1
Maximum Hours: 11
Minimum Hours: 0

Cause of Outages

| Cause | Overhead | Underground | Undetermined | Total |
|--------------------------|----------|-------------|--------------|-------|
| 1. Weather | 1 | 0 | 3 | 4 |
| 1. Vegetation | 50 | 3 | 7 | 60 |
| 1. Animals | 25 | 7 | 0 | 32 |
| 1. Foreign Interference | 0 | 0 | 0 | 0 |
| 1. Human Cause | 7 | 6 | 3 | 16 |
| 1. Undetermined | 11 | 5 | 1 | 17 |
| 1. Equipment Failure | 16 | 28 | 17 | 61 |
| 1. All Remaining Outages | 0 | 0 | 0 | 0 |
| Total | 110 | 49 | 31 | 190 |

ENERGY DELIVERY - UAB REPORT - JANUARY 2018

Energy Delivery - Major Projects

Major Electric Design Projects

- > CRA South Main Street (OH to UG Conversion)
- > City of Gainesville - SW 4th Avenue (OH to UG Conversion)
- > City of Gainesville - SE 4th Street (Forced relocation or OH to UG Conversion - CC approved 1/4/18)
- > Butler Town Center (Ongoing Retail Development)
- > Celebration Point (Ongoing Retail Development)
- > Utility Relocation projects (SW 8th Ave Extension, SW 20th Ave/SW 61st Street Widening)

Major Gas Design Projects:

- > City of Newberry - received FDOT right-of-way permit for extension of gas main from the Argos line along SR45 (US 41/27) to Watson Construction (9,200 ft.) - issued two land rights requests for property acquisition/easement process for future gate station and to supplement the gas main routing.
- > 300 Block NW 15th Street - bare steel replacement (1,700 ft.)
- > SW 8th Avenue reconstruction (100 ft) - gas relocation - County project
- > Northwood Commercial Park - gas main lateral crossing NW 34th Street (1,800 ft.)
- > Amariah Subdivision (SW 8th Avenue @ Parker Road) - preparing construction plans

New Gas Services installed in January: 40 – New Customer work/Not replacement work

ENERGY DELIVERY - UAB REPORT - JANUARY 2018

Electric System Consumption

| ELECTRIC SYSTEM | CONSUMPTION | CUSTOMERS |
|--|------------------------|------------------|
| Feed-In-Tariff - Residential | 55 KWH | 102 |
| Feed-In-Tariff - General Service | 2,529 KWH | 159 |
| Electric - GS - Demand - Regular | 44,658,044 KWH | 1,234 |
| Electric - General Service Demand PV | 678,158 KWH | 17 |
| GREC Startup Supplemental and Standby | 0 KWH | 1 |
| Electric - GS - Kanapaha w Curtail Cr | 1,029,600 KWH | 1 |
| Electric - GS - Demand - Large Power | 7,254,520 KWH | 8 |
| Electric - GS - Murphree Curtail Credit | 1,324,800 KWH | 1 |
| Electric - GS Large Demand PV | 3,160,800 KWH | 2 |
| Electric - GS - Non Demand | 14,009,446 KWH | 9,699 |
| Electric - General Service PV | 105,290 KWH | 55 |
| Electric - Lighting - Rental | 1,011,944 KWH | 4,483 <i>n</i> |
| Electric - Lighting - Street - City | 791,871 KWH | 14 <i>n</i> |
| Electric - Lighting - Street - County | 298,668 KWH | 2 <i>n</i> |
| Electric - Lighting - Traffic | 4,483 KWH | 2 <i>n</i> |
| Electric - Residential - Non TOU | 73,037,298 KWH | 85,342 |
| Electric - Residential PV | 233,167 KWH | 241 |
| Total Retail Electric (<i>n</i> =not included in total) | <u>147,600,673 KWH</u> | <u>96,862</u> |
| City of Alachua | 11,804,000 KWH | 28,343 KW |
| City of Winter Park | 7,440,000 KWH | 10,000 KW |
| Total (Native) Electric | 166,844,673 KWH | |

Gas System Consumption

| GAS SYSTEM | | |
|---|----------------------|---------------|
| Gas - GS - Regular Service (Firm) | 1,018,928 THM | 1,399 |
| Gas - GS - Regular Service (Small) | 23,710 THM | 258 |
| Gas - GS - Interruptible - Regular Serv | 16,000 THM | 1 |
| Gas - GS - Interruptible - Large Volume | 547,564 THM | 7 |
| Gas - Residential - Regular Service | 1,845,718 THM | 33,556 |
| Total Retail Gas | <u>3,451,920 THM</u> | <u>35,221</u> |
| Gas - GS - UF Cogeneration Plant | 3,831,296 THM | 1 |
| Gas - Residential - LP - Basic Rate | 11,229 GAL | 198 |

ENERGY SUPPLY

SYSTEM STATISTICS

ENERGY DISTRIBUTION

FUEL

January 2018

Energy Supply

System Statistics

Unit Capability output - MWn

| | |
|----------|---------|
| DH-2 | 228 |
| DH-1 | 75 |
| Kelly CC | 108 |
| CT's | 106 |
| Grid | 2 X 224 |
| DHR | 102.5 |

Energy Supply - MWHrs Delivered

| Source | Month | YTD | Budget YTD | Delta Budget |
|----------|--------|---------|------------|--------------|
| DH-2 | 85,641 | 265,146 | 372,220 | (107,074) |
| DH-1 | 19,162 | 71,413 | 25,893 | 45,520 |
| Kelly CC | 3,718 | 28,778 | 85,845 | (57,067) |
| CT's | 1,135 | 2,418 | 135 | 2,283 |
| Grid | 5,924 | 90,235 | 95,530 | (5,295) |
| DHR | 60,912 | 209,780 | | |

Average Energy Distribution Curve

Curve 1 is the hourly distribution of load averages over the month (Pg ES2)
 Curve 2 is peak load per day (Pg ES3)

Fuel Consumed

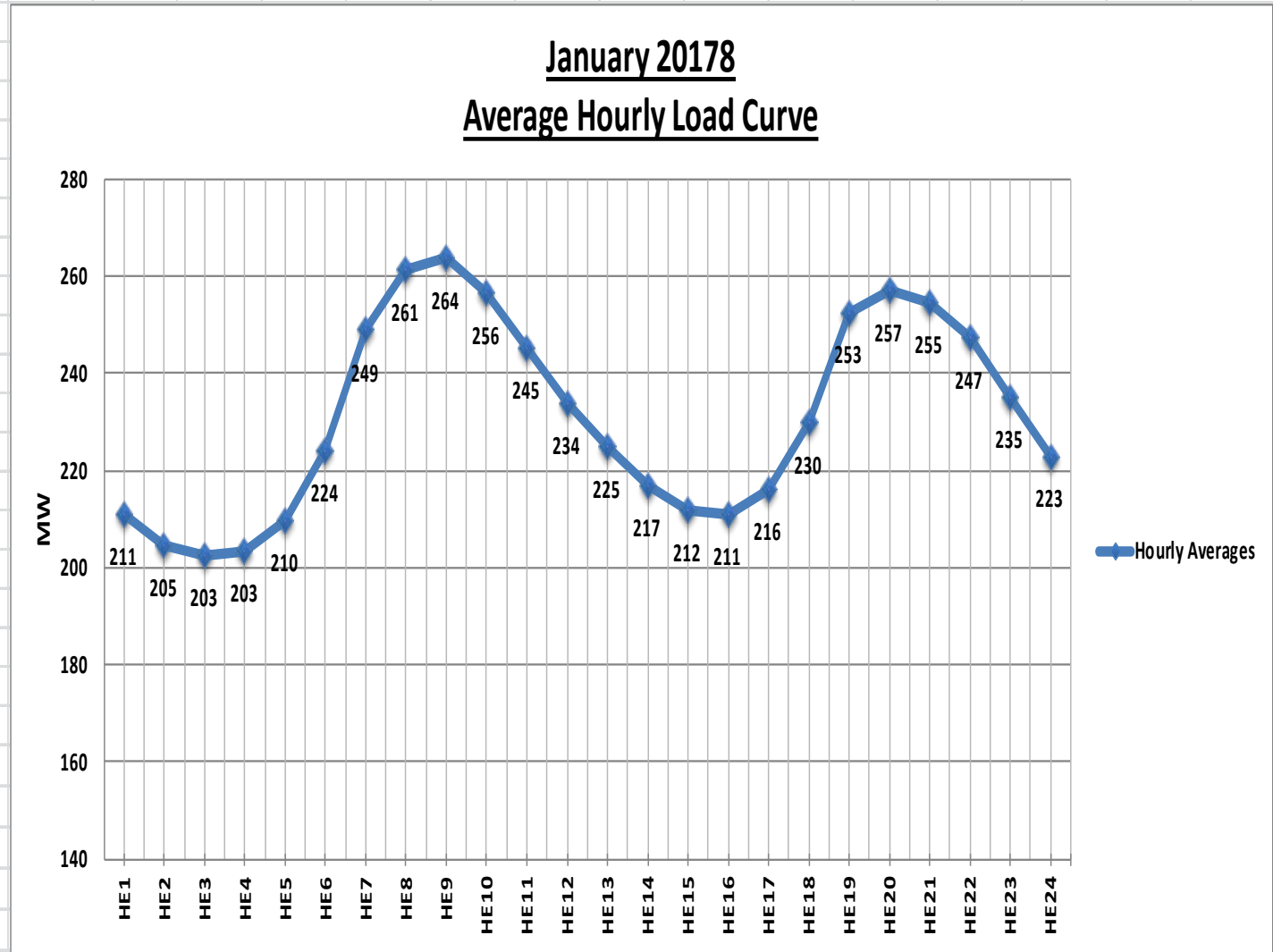
| | Month | YTD | Budget YTD | Delta Budget |
|----------------|---------|-----------|------------|--------------|
| Coal - Tons | 33,756 | 102,199 | 191,044 | (88,845) |
| Gas-MCF | 454,767 | 1,958,853 | 1,341,172 | 617,681 |
| Fuel oil - Gal | 160,477 | 160,477 | - | 160,477 |
| Wood - Tons | 59,080 | 179,323 | | |

Fuel Costs (Estimation)

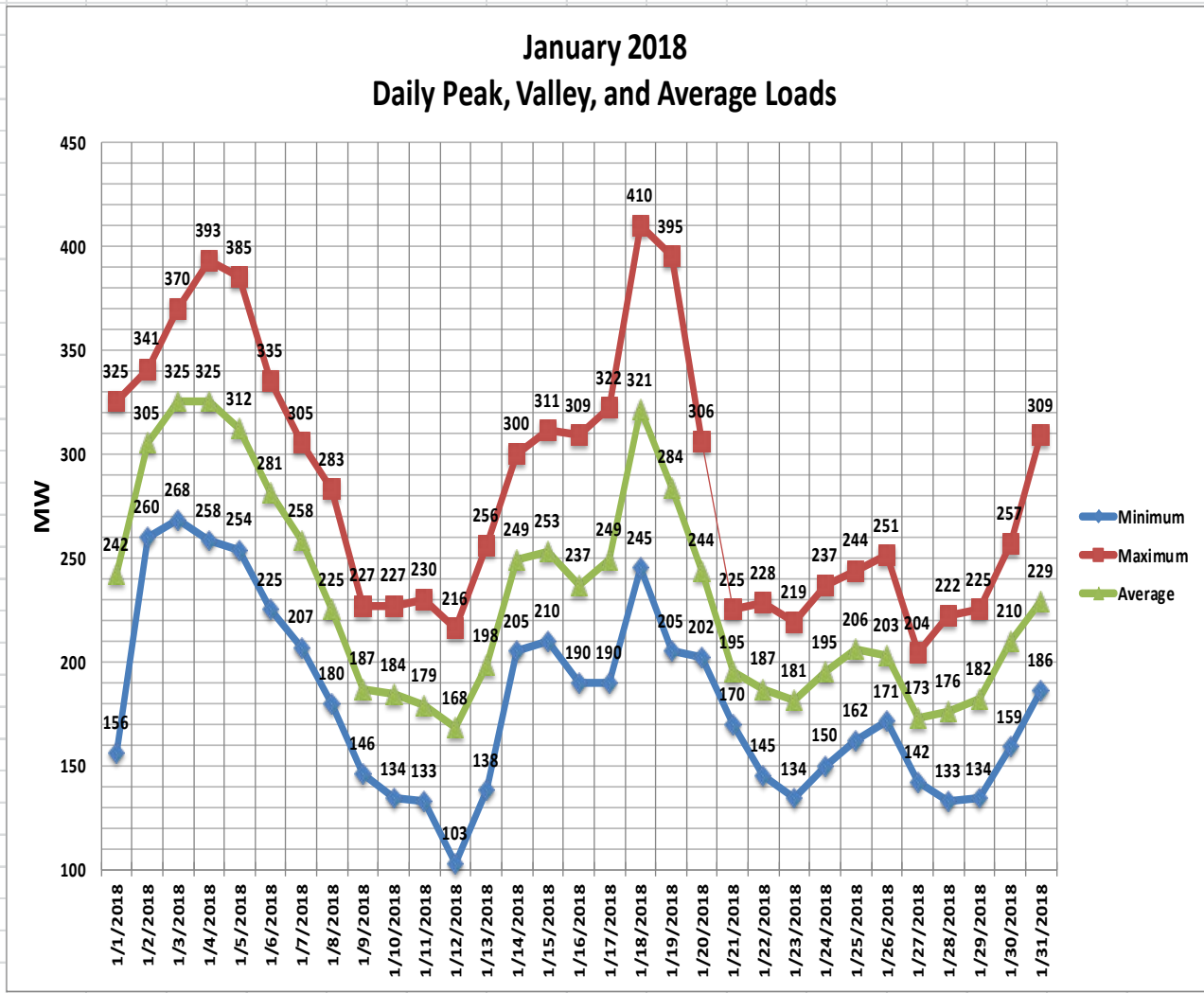
| Fuel Type | \$/MMBtu |
|----------------------|-----------|
| Coal | \$ 3.249 |
| Natural Gas (DH, KY) | \$ 5.393 |
| Wood | \$ 2.635 |
| Oil (#6)* | \$ 6.178 |
| Oil (#2)* | \$ 10.699 |

*Natural gas prices were higher in January due to cold weather.

| Hour Ending | Ave. Load |
|-------------|-----------|
| HE1 | 211 |
| HE2 | 205 |
| HE3 | 203 |
| HE4 | 203 |
| HE5 | 210 |
| HE6 | 224 |
| HE7 | 249 |
| HE8 | 261 |
| HE9 | 264 |
| HE10 | 256 |
| HE11 | 245 |
| HE12 | 234 |
| HE13 | 225 |
| HE14 | 217 |
| HE15 | 212 |
| HE16 | 211 |
| HE17 | 216 |
| HE18 | 230 |
| HE19 | 253 |
| HE20 | 257 |
| HE21 | 255 |
| HE22 | 247 |
| HE23 | 235 |
| HE24 | 223 |



| Date | Valley | Peak | Ave |
|-----------|--------|------|-----|
| 1/1/2018 | 156 | 325 | 242 |
| 1/2/2018 | 260 | 341 | 305 |
| 1/3/2018 | 268 | 370 | 325 |
| 1/4/2018 | 258 | 393 | 325 |
| 1/5/2018 | 254 | 385 | 312 |
| 1/6/2018 | 225 | 335 | 281 |
| 1/7/2018 | 207 | 305 | 258 |
| 1/8/2018 | 180 | 283 | 225 |
| 1/9/2018 | 146 | 227 | 187 |
| 1/10/2018 | 134 | 227 | 184 |
| 1/11/2018 | 133 | 230 | 179 |
| 1/12/2018 | 103 | 216 | 168 |
| 1/13/2018 | 138 | 256 | 198 |
| 1/14/2018 | 205 | 300 | 249 |
| 1/15/2018 | 210 | 311 | 253 |
| 1/16/2018 | 190 | 309 | 237 |
| 1/17/2018 | 190 | 322 | 249 |
| 1/18/2018 | 245 | 410 | 321 |
| 1/19/2018 | 205 | 395 | 284 |
| 1/20/2018 | 202 | 306 | 244 |
| 1/21/2018 | 170 | 225 | 195 |
| 1/22/2018 | 145 | 228 | 187 |
| 1/23/2018 | 134 | 219 | 181 |
| 1/24/2018 | 150 | 237 | 195 |
| 1/25/2018 | 162 | 244 | 206 |
| 1/26/2018 | 171 | 251 | 203 |
| 1/27/2018 | 142 | 204 | 173 |
| 1/28/2018 | 133 | 222 | 176 |
| 1/29/2018 | 134 | 225 | 182 |
| 1/30/2018 | 159 | 257 | 210 |
| 1/31/2018 | 186 | 309 | 229 |



Major Energy Supply Projects/Milestones Updates:

1. For Kelly Plant Generation Station:
 - a. We had restored Kelly plant to full combined cycle service on 12/15/2017, but after running for several days we had a runback of the CT4 gas turbine unit from 74MW to 7MW, due to excessive temperature spread in the gas turbine firing temperatures. The root cause for this incident is the change we implemented in the control system this last outage (MARK V to MARK VI) resulted in constants being implemented that increased the temperature spread close to runback limits. Further testing and tuning attempts revealed what seems to be the root issue. The first stage shroud block cooling holes seemed to be improperly drilled. The unit went into outage January 25th and is scheduled to return to service February 5th. Testing and tuning is scheduled to be completed 2/6 – 8/18.
 - b. The Unit #8 Steam Chest was repaired in the Siemens shop in Charlotte, NC, and returned to GRU on 12/5/2017 for reassembly of Unit #8. The Steam Chest had a significant amount of cracks discovered, as well as creep. Repairs will get us more time to determine options for repowering Unit #8. This current Steam Chest will not make this reliable until the expected retirement date of Unit #8 in 2035, so GRU Energy Supply Staff are working on options to present for future options to the Chief Operating Officer.
2. For South Energy Center Phase 2 project was electrically commissioned in early December to support actual hospital occupation on 12/10/2017, a month ahead of schedule.
 - a. We are continuing to evaluate the original Emergency Diesel Engine for SEC Phase 1 for upgrades, as this current 2 MW capacity is not enough to cover essential load for both phases if this contingency was required. The SEC Phase 2 Emergency Diesel Engine is 3MW and can support both phases if this contingency required. WE are currently exploring options, at the request of the customer, to support a new data center in the new facility and be able to provide emergency generation for that as well.
3. With the transition of the Biomass plant formerly known as GREC to GRU, the plant was renamed Deerhaven Renewable (DHR). Our focus initially has been:
 - a. The optimization of plant operation and turn down in load. Happy to report we have been able to operate the plant down to 48 MW in full regulatory compliance. The next step is bringing in the OEM to assess feasibility and provide a plan to reduce minimum load further.
 - b. We have worked with our fuel supplier (BRM) to reduce fuel pricing as well as coordinate utilization of the post hurricane storm debris. We are happy to report we have negotiated prices down to a low as \$10/Ton (from the approximate \$32/ton we paid under the PPA). This of course changes the economic dispatch of DHR. At the current fuel pricing we will be operating DHR continuously going forward outside of required outages.
 - c. We are working on both the scope and cost estimates for the April 2018 planned outage. As this is the first outage under GRU we will need to get a lot of baseline data to determine long term outage plan.

ENVIRONMENTAL PERMITTING

EMISSIONS DATA

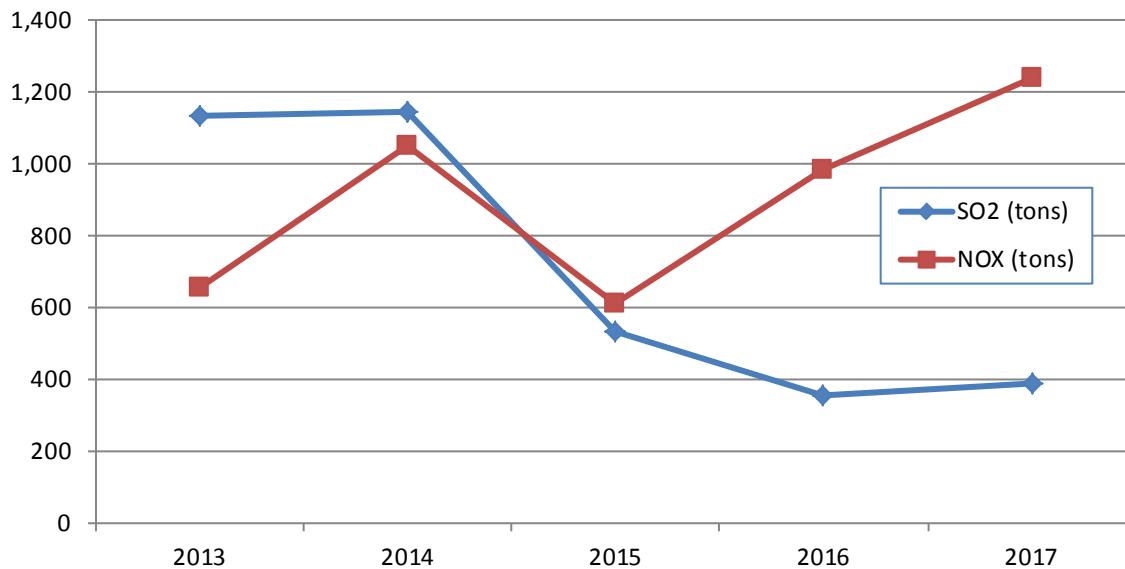
Yearly Emissions

| | SO ₂ (tons) | NO _x (tons) | Mercury (lbs) | PM (tons) | CO ₂ (tons) |
|------|------------------------|------------------------|---------------|-----------|------------------------|
| 2013 | 1,134 | 653 | 6.64 | 112 | 1,177,703 |
| 2014 | 1,144 | 1,052 | 6.23 | 32 | 1,192,647 |
| 2015 | 532 | 608 | 5.49 | 47 | 1,260,423 |
| 2016 | 354 | 984 | 2.92 | 61 | 1,216,690 |
| 2017 | 389 | 1,239 | 2.42 | 26 | 1,037,711 |

Mercury values are for Unit 2 only.

2017 PM data is currently only available for DH2. PM data will be updated when available.

SO₂ and NO_x (tons)

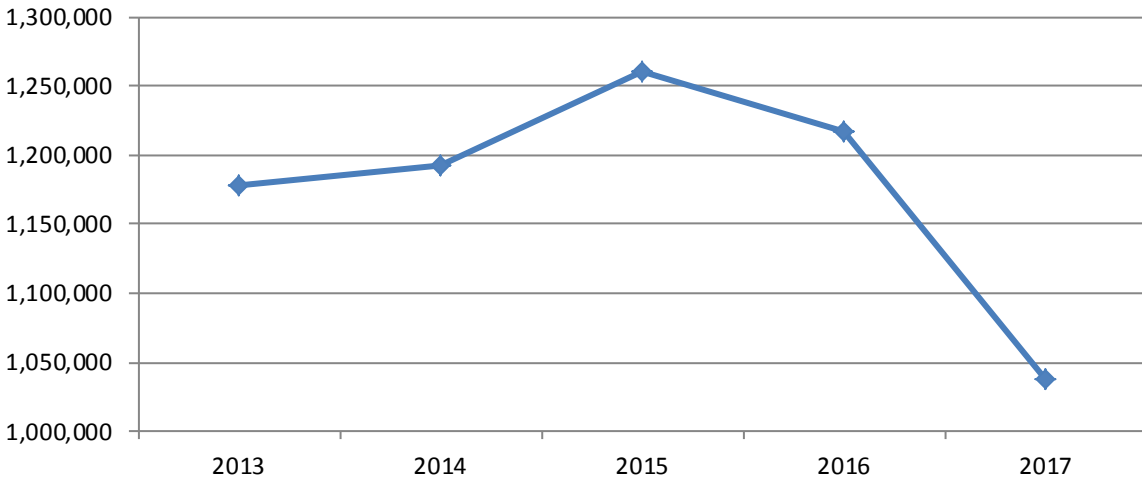


SO₂ was lower in 2015, 2016, and 2017 due to higher removal rate settings to assure compliance with the MATS Rule.

NO_x was higher in 2017 since the Cross State Air Pollution Rule was declared not applicable to Florida and ammonia was not used in the SCR.

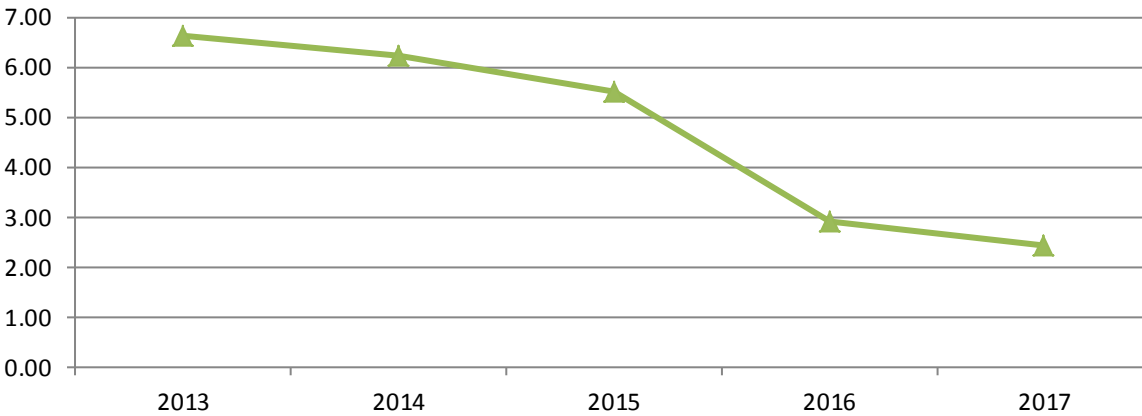
Yearly Emissions

CO₂ (tons)



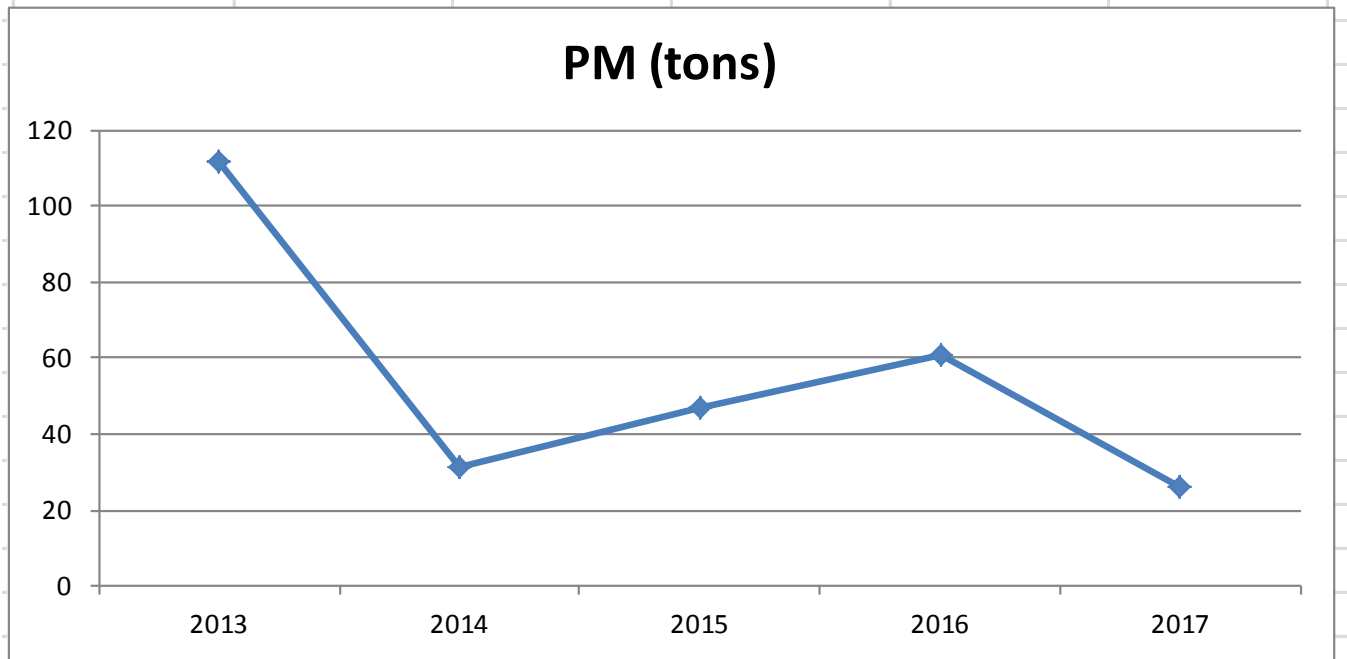
2017 CO₂ was lower due to increased use of natural gas.

Mercury (lbs)



Mercury was lower in 2015, 2016, and 2017 due to higher removal rate settings to assure compliance with the MATS Rule.

Yearly Emissions



2017 PM data is currently only available for DH2. PM data will be updated when available.

Mass Emissions - Last Month for 5 Years

| | | SO₂ (tons) | NO_x (tons) | Mercury (lbs) | PM (tons) | CO₂ (tons) | HTIP (MMBtu) | GEN (MW-hours) |
|-----------|--------------|------------------------------|------------------------------|----------------------|------------------|------------------------------|---------------------|-----------------------|
| Dec. 2013 | | 4.5 | 16.6 | | | 42,510 | 715,223 | 81,643 |
| Dec. 2014 | | 49.5 | 69.8 | | | 103,988 | 1,103,092 | 119,006 |
| Dec. 2015 | | 34.4 | 139.0 | 0.0 | 0.0 | 103,628 | 1,280,422 | 145,004 |
| Dec. 2016 | | 0.2 | 24.8 | 0.0 | 0.0 | 41,783 | 703,096 | 72,491 |
| Dec. 2017 | | 110.9 | 175.0 | 0.3 | 4.7 | 107,874 | 1,181,955 | 125,084 |
| | | | | | | | | |
| | | SO₂ (tons) | NO_x (tons) | Mercury (lbs) | PM (tons) | CO₂ (tons) | HTIP (MMBtu) | GEN (MW-hours) |
| Jan. 2014 | DH1 | 4.1 | 7.6 | | | 5,915.1 | 99,537.0 | 9,318.0 |
| | DH2 | 0.0 | 0.0 | | | 0.0 | 0.0 | 0.0 |
| | DHCT3 | 0.1 | 0.7 | | | 2,444.4 | 41,070.0 | 3,084.0 |
| | JRKCC1 | 0.3 | 8.3 | | | 34,150.8 | 574,616.0 | 69,241.0 |
| | TOTAL | 4.5 | 16.6 | 0.000 | 0.00 | 42,510.3 | 715,223.0 | 81,643.0 |
| | | | | | | | | |
| | | SO₂ (tons) | NO_x (tons) | Mercury (lbs) | PM (tons) | CO₂ (tons) | HTIP (MMBtu) | GEN (MW-hours) |
| Jan. 2015 | DH1 | 1.9 | 4.9 | | | 3,420.7 | 56,230.0 | 5,128.0 |
| | DH2 | 47.6 | 61.9 | | | 91,163.9 | 888,626.0 | 95,809.0 |
| | DHCT3 | 0.0 | 0.1 | | | 321.0 | 5,399.0 | 383.0 |
| | JRKCC1 | 0.0 | 2.9 | | | 9,082.0 | 152,837.0 | 17,686.0 |
| | TOTAL | 49.5 | 69.8 | 0.000 | 0.00 | 103,987.6 | 1,103,092.0 | 119,006.0 |
| | | | | | | | | |
| | | SO₂ (tons) | NO_x (tons) | Mercury (lbs) | PM (tons) | CO₂ (tons) | HTIP (MMBtu) | GEN (MW-hours) |
| Jan. 2016 | DH1 | 2.1 | 11.9 | | | 9,158.1 | 152,437.0 | 14,504.0 |
| | DH2 | 32.2 | 120.6 | | | 65,346.1 | 637,921.0 | 71,258.0 |
| | DHCT3 | 0.0 | 0.1 | | | 199.3 | 3,353.0 | 258.0 |
| | JRKCC1 | 0.1 | 6.4 | | | 28,924.2 | 486,711.0 | 58,984.0 |
| | TOTAL | 34.4 | 139.0 | 0.000 | 0.00 | 103,627.7 | 1,280,422.0 | 145,004.0 |
| | | | | | | | | |
| | | SO₂ (tons) | NO_x (tons) | Mercury (lbs) | PM (tons) | CO₂ (tons) | HTIP (MMBtu) | GEN (MW-hours) |
| Jan. 2017 | DH1 | 0.1 | 19.0 | | | 18,117.6 | 304,875.0 | 24,905.0 |
| | DH2 | 0.0 | 0.0 | 0.000 | 0.000 | 0.0 | 0.0 | 0.0 |
| | DHCT3 | 0.0 | 0.1 | | | 475.9 | 8,006.0 | 525.0 |
| | JRKCC1 | 0.1 | 5.7 | | | 23,189.1 | 390,215.0 | 47,061.0 |
| | TOTAL | 0.2 | 24.8 | 0.000 | 0.00 | 41,782.6 | 703,096.0 | 72,491.0 |
| | | | | | | | | |
| | | SO₂ (tons) | NO_x (tons) | Mercury (lbs) | PM (tons) | CO₂ (tons) | HTIP (MMBtu) | GEN (MW-hours) |
| Jan. 2018 | DH1 | 22.5 | 20.1 | | | 15,294.6 | 252,814.0 | 22,126.0 |
| | DH2 | 88.4 | 153.5 | 0.336 | 4.684 | 88,794.1 | 865,438.0 | 98,230.0 |
| | DHCT3 | 0.0 | 0.5 | | | 719.6 | 12,105.0 | 807.0 |
| | JRKCC1 | 0.0 | 0.9 | | | 3,066.1 | 51,598.0 | 3,921.0 |
| | TOTAL | 110.9 | 175.0 | 0.336 | 4.7 | 107,874.4 | 1,181,955.0 | 125,084.0 |

Mass Emissions Rate - Last Month for 5 Years per MWh

| | | SO ₂ lbs per MW-hr net | NO _x lbs per MW-hr net | Hg lbs per MW-hr net | PM lbs per MW-hr net | CO ₂ tons per MW-hr net | HTIP (MMBtu) | GEN (Net MW-hours) |
|----------|--------|-----------------------------------|-----------------------------------|----------------------|----------------------|------------------------------------|--------------|--------------------|
| Jan.2014 | DH1 | 0.88002 | 1.63125 | | | 0.63480 | 99,537.0 | 9,318.0 |
| | DH2 | 0.00000 | 0.00000 | | | 0.00000 | 0.0 | 0.0 |
| | DHCT3 | 0.06485 | 0.45396 | | | 0.79261 | 41,070.0 | 3,084.0 |
| | JRKCC1 | 0.00867 | 0.23974 | | | 0.49322 | 574,616.0 | 69,241.0 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | SO ₂ lbs per MW-hr net | NO _x lbs per MW-hr net | Hg lbs per MW-hr net | PM lbs per MW-hr net | CO ₂ tons per MW-hr net | HTIP (MMBtu) | GEN (Net MW-hours) |
| Jan.2015 | DH1 | 0.74103 | 1.91108 | | | 0.66706 | 56,230.0 | 5,128.0 |
| | DH2 | 0.99364 | 1.29215 | | | 0.95152 | 888,626.0 | 95,809.0 |
| | DHCT3 | 0.00000 | 0.52219 | | | 0.83812 | 5,399.0 | 383.0 |
| | JRKCC1 | 0.00000 | 0.32794 | | | 0.51351 | 152,837.0 | 17,686.0 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | SO ₂ lbs per MW-hr net | NO _x lbs per MW-hr net | Hg lbs per MW-hr net | PM lbs per MW-hr net | CO ₂ tons per MW-hr net | HTIP (MMBtu) | GEN (Net MW-hours) |
| Jan.2016 | DH1 | 0.28958 | 1.64093 | | | 0.63142 | 152,437.0 | 14,504.0 |
| | DH2 | 0.90376 | 3.38488 | | | 0.91704 | 637,921.0 | 71,258.0 |
| | DHCT3 | 0.00000 | 0.77519 | | | 0.77248 | 3,353.0 | 258.0 |
| | JRKCC1 | 0.00339 | 0.21701 | | | 0.49037 | 486,711.0 | 58,984.0 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | SO ₂ lbs per MW-hr net | NO _x lbs per MW-hr net | Hg lbs per MW-hr net | PM lbs per MW-hr net | CO ₂ tons per MW-hr net | HTIP (MMBtu) | GEN (Net MW-hours) |
| Jan.2017 | DH1 | 0.00803 | 1.52580 | | | 0.72747 | 304,875.0 | 24,905.0 |
| | DH2 | 0.00000 | 0.00000 | 0.000000 | 0.000 | 0.00000 | 0.0 | 0.0 |
| | DHCT3 | 0.00000 | 0.38095 | | | 0.90648 | 8,006.0 | 525.0 |
| | JRKCC1 | 0.00425 | 0.24224 | | | 0.49275 | 390,215.0 | 47,061.0 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | SO ₂ lbs per MW-hr net | NO _x lbs per MW-hr net | Hg lbs per MW-hr net | PM lbs per MW-hr net | CO ₂ tons per MW-hr net | HTIP (MMBtu) | GEN (Net MW-hours) |
| Jan.2018 | DH1 | 2.03381 | 1.81687 | | | 0.69125 | 252,814.0 | 22,126.0 |
| | DH2 | 1.79986 | 3.12532 | 0.000003 | 0.095 | 0.90394 | 865,438.0 | 98,230.0 |
| | DHCT3 | 0.00000 | 1.23916 | | | 0.89170 | 12,105.0 | 807.0 |
| | JRKCC1 | 0.00000 | 0.45907 | | | 0.78197 | 51,598.0 | 3,921.0 |
| | | | | | | | | |

| 2017 Emissions | | | | | | | | |
|-------------------------------------|---------------------------|---------------------------|---------------|-------------|--------------------------------|---------------------------------|---------------------|--------------------|
| | SO ₂ (tons) | NO _x (tons) | Mercury (lbs) | PM (tons) | CO ₂ (tons) | NO _x Rate (lb/mmBtu) | HTIP (mmBtu) | MW-hours |
| DH1 | 8.0 | 183.2 | NA | NA | 167,672.3 | 0.1300 | 2,817,838.0 | 241,121.0 |
| DH2 | 379.0 | 992.3 | 2.400 | 26.2 | 591,388.7 | 0.3440 | 5,769,372.0 | 597,974.0 |
| DHCT3 | 0.0 | 2.2 | NA | NA | 6,354.0 | 0.0420 | 106,907.0 | 7,787.0 |
| JRKCC1 | 1.5 | 61.0 | NA | NA | 268,577.1 | 0.0270 | 4,519,338.0 | 558,627.0 |
| TOTAL | 388.5 | 1,238.7 | 2.400 | 26.2 | 1,033,992.1 | 0.543 | 13,213,455.0 | 1,405,509.0 |
| 2016 Emissions per Net MW-hr | | | | | | | | |
| | SO ₂ lbs/MW-hr | NO _x lbs/MW-hr | Mercury (lbs) | PM (lbs) | CO ₂ tons per MW-hr | | | |
| DH1 | 0.06636 | 1.51924 | NA | NA | 0.69539 | | | |
| DH2 | 1.26761 | 3.31887 | 0.00000401 | 0.08746 | 0.98899 | | | |
| DHCT3 | 0.00000 | 0.57660 | 0.000 | NA | 0.81598 | | | |
| JRKCC1 | 0.00537 | 0.21843 | 0.000 | NA | 0.481 | | | |

| | 2018 (January-) | | | | | | | | |
|--------------|------------------------|------------------------|---------------|------------|------------------------|---------------------------------|---------------------------------|--------------------|------------------|
| | SO ₂ (tons) | NO _x (tons) | Mercury (lbs) | PM (tons) | CO ₂ (tons) | SO ₂ Rate (lb/MMBtu) | NO _x Rate (lb/MMBtu) | HTIP (MMBtu) | GEN (MW-hours) |
| DH1 | 22.5 | 20.1 | | | 15,294.6 | | | 252,814.0 | 22,126.0 |
| DH2 | 88.4 | 153.5 | 0.3 | 4.68 | 88,794.4 | | | 865,438.0 | 98,230.0 |
| DHCT3 | 0.0 | 0.5 | | | 719.6 | | | 12,105.0 | 807.0 |
| JRKCC1 | 0.0 | 0.9 | | | 3,066.1 | | | 51,598.0 | 3,921.0 |
| TOTAL | 110.9 | 175.0 | 0.336 | 4.7 | 107,874.7 | | | 1,181,955.0 | 125,084.0 |

| | 2017 (Jan-Dec.) | | | | | Emissions per MW-hr | | | |
|--------|---------------------------|---------------------------|---------------|----------|----------------------------|---------------------------------|---------------------------------|--------------|----------------|
| | SO ₂ lbs/MW-hr | NO _x lbs/MW-hr | Mercury (lbs) | PM (lbs) | CO ₂ tons/MW-hr | SO ₂ Rate (lb/MMBtu) | NO _x Rate (lb/MMBtu) | HTIP (MMBtu) | GEN (MW-hours) |
| DH1 | 2.03381 | 1.81687 | | | 0.69125 | | | 252,814.0 | 22,126.0 |
| DH2 | 1.79986 | 3.12532 | 0.00000 | 0.09537 | 0.90394 | | | 865,438.0 | 98,230.0 |
| DHCT3 | 0.00000 | 1.23916 | | | 0.89170 | | | 12,105.0 | 807.0 |
| JRKCC1 | 0.00000 | 0.45907 | | | 0.78197 | | | 51,598.0 | 3,921.0 |

| Deerhaven Renewable 2017 Emissions | | | | | | | | | | |
|---|-------------------------------------|----------------------|---------|-------------------|------|---------|------------|------------|--------------------------|------------|
| State | Facility Name | Facility ID (ORISPL) | Unit ID | Associated Stacks | Year | Quarter | Program(s) | SO2 (tons) | Avg. NOx Rate (lb/MMBtu) | NOx (tons) |
| FL | Gainesville Renewable Energy Center | 57241 | BFB1 | | 2017 | 1-4 | ARP | 10.7 | 0.0632 | 180.8 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Deerhaven Renewable 2017 Emissions Quarter 1-4, January-December 2017 | | | | | | | | | | |
| State | Facility Name | Facility ID (ORISPL) | Unit ID | Associated Stacks | Year | Quarter | Program(s) | SO2 (tons) | Avg. NOx Rate (lb/MMBtu) | NOx (tons) |
| FL | Gainesville Renewable Energy Center | 57241 | BFB1 | | 2017 | 1 | ARP | 2.17 | 0.07 | 39.9 |
| FL | Gainesville Renewable Energy Center | 57241 | BFB1 | | 2017 | 2 | ARP | 2.80 | 0.0628 | 47.7 |
| FL | Gainesville Renewable Energy Center | 57241 | BFB1 | | 2017 | 3 | ARP | 1.12 | 0.0641 | 18.3 |
| FL | Gainesville Renewable Energy Center | 57241 | BFB1 | | 2017 | 4 | ARP | 4.6 | 0.0602 | 75 |
| | | | | | | | | | | |
| | | | | | | | | | | |

LEGAL EXPENSES

Fiscal Year to Date

LEGAL SERVICES PAID YEAR TO DATE

FY2018

| VENDOR | 10/01-10/31 2017 | 11/01-11/30 2017 | 12/01-12/31/2017 | 01/01-01/31/2018 | Total Legal Costs |
|---------------------------------|------------------|------------------|------------------|------------------|-------------------|
| 1000963 HOPPING GREEN & SAMS | \$ 4,921.50 | \$ 5,975.75 | \$ 11,806.00 | \$ 4,419.50 | \$ 27,122.75 |
| 1001111 ORRICK HERRINGTON | \$ 8,129.89 | | \$ 5,745.96 | \$ - | \$ 13,875.85 |
| 1001204 HOLLAND & KNIGHT | \$ - | \$ 520,000.00 | \$ 43,618.72 | \$ - | \$ 563,618.72 |
| 1005092 BRYANT MILLER OLIVE | \$ - | \$ 212,500.00 | \$ - | \$ - | \$ 212,500.00 |
| 1001350 WINSTON & STRAWN | \$ 138,815.83 | \$ 25,297.88 | \$ 1,159,251.76 | \$ - | \$ 1,323,365.47 |
| 1000983 BALLER HERBST LAW GROUP | \$ - | \$ - | \$ 2,493.75 | \$ - | \$ 2,493.75 |
| 1001076 JOHN & HENGERER | \$ 910.00 | \$ - | \$ - | \$ - | \$ 910.00 |
| 1005256 KUTAK ROCK | \$ - | \$ 70,000.00 | \$ - | \$ - | \$ 70,000.00 |
| 1001658 Peebles & Smith Inc | \$ - | \$ - | \$ - | \$ 3,000.00 | \$ 3,000.00 |
| 1005641 McGuirewoods LLP | \$ - | \$ - | \$ - | \$ 20,347.98 | \$ 20,347.98 |
| | \$ 152,777.22 | \$ 833,773.63 | \$ 1,222,916.19 | \$ 27,767.48 | \$ 2,237,234.52 |

WATER/WASTEWATER

PRODUCTION

MAINTENANCE

Water/Wastewater Monthly Dashboard

Production

Murphree Water Treatment Plant

| | | January 2018 | FY to Date (mgd) | Permitted Capacity (mgd) | % of Permitted Capacity | Status |
|--|--------------------|--------------|------------------|--------------------------|-------------------------|--------|
| | Average Daily Flow | 22.3 | 22.8 | 30 | 76% | |
| | Peak Daily Flow | 25.8 | 26.8 | 54 | - | |

Main Street Water Reclamation Facility

| | | Jan-18 | FY to Date (mgd) | Capacity | | Status |
|--|--------------------|--------|------------------|----------|--|--------|
| | Average Daily Flow | 5.7 | 6.0 | 7.5 | | |

Knapaha Water Reclamation Facility

| | | Jan-18 | FY to Date (mgd) | Permitted Capacity (mgd) | | Status |
|--|--------------------|--------|------------------|--------------------------|--|--------|
| | Average Daily Flow | 11.8 | 12 | 14.9 | | |

Water Reclamation Facilities (Combined)

| | | Jan-18 | FY to Date (mgd) | Permitted Capacity (mgd) | % of Permitted Capacity | Status |
|--|--------------------|--------|------------------|--------------------------|-------------------------|--------|
| | Average Daily Flow | 17.5 | 18.0 | 22.4 | 80% | |

Maintenance

Wastewater Collections

| | | Jan 2018 (Miles) | FYTD | Monthly Goal (miles) | |
|--|-------------------------------------|------------------|------|----------------------|--|
| | Miles of gravity mains cleaned | 6.6 | 20.6 | 7.5 | |
| | Miles of gravity mains TV inspected | 4.7 | 16.5 | 7.5 | |

Water Distribution & Wastewater Collections

| | | Jan 2018 | FYTD | | |
|--|---------------------------------------|----------|-------|--|--|
| | Work orders, service orders completed | 1,183 | 4,811 | | |

SSO Monthly Summary

| | | January | FYTD | GOAL | |
|--|--------------------------|---------|------|------|--|
| | Sanitary Sewer Overflows | 2 | 6 | <16 | |