

STATE OF THE UTILITY

Item #170725

THIS PAGE INTENTIONALLY LEFT BLANK

OPERATIONS SUMMARY

CORPORATE SAFETY

ENVIRONMENTAL

REGULATORY

PERSONNEL

December 2017

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	2	1
GRUCom	0	0	0	0	0	0
Totals		1			5	

Vehicles

	Current Month			Year to Date		
	Miles Driven	Recordable	Preventable	Miles Driven	Recordable	Preventable
Administration	11,284	0	0	26,847	0	0
W/WW Systems	58,132	2	0	145,916	4	2
Energy Supply	43,559	0	0	48,891	1	1
Energy Delivery - Electric/Gas	81,148	1	1	210,366	3	1
GRUCom	6,739	0	0	17,883	0	0
Totals	200,862	3		449,903	8	

note: mileage through November. December mileage not yet reported

Environmental

Data unavailable currently - will send an update when data is received.

		Current Month	Calendar Year to Date
Notices of Violation			
Emissions			
DH1, DH2, DHCT3, JRKCC1			
	CO ₂ (tons)		
	NO _x (tons)		
	SO ₂ (tons)		
DH Unit 2 (only)			
	PM _{FILT} (tons)		
	Hg (lbs)		

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)

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.

THIS PAGE INTENTIONALLY LEFT BLANK

CUSTOMER SUPPORT SERVICES

Customer Operations

New Services

Revenue Assurance

Customer Operations Metrics Summary December 2017

Active Accounts	Dec-17	YTD Gain/Loss	FY17
<i>Residential Contract Accounts</i>			
Total	90,198	96	90,102
Electric	83,747	53	83,694
Gas	33,288	165	33,123
Water	62,772	80	62,692
Wastewater	58,724	64	58,660
Telecomm	127	(10)	137

Active Accounts	Dec-17	YTD Gain/Loss	FY17
<i>Nonresidential Contract Accounts</i>			
Total	13,481	4	13,477
Electric	10,935	18	10,917
Gas	1,626	13	1,613
Water	5,895	3	5,892
Wastewater	4,668	17	4,651
Telecomm	355	2	353

New Installations	Dec-17	FY18 To Date	FY17
Electric	108	326	1545
Gas	32	114	432
Water	67	152	525
Wastewater	59	142	530
Telecomm	3	23	223

Residential Disconnects	Dec-17	FY18 To Date	FY17
Volume	1,102	4,665	14,335
Average Balance	\$243.45	\$254.34	\$245.50

Revenue Assurance	Dec-17	FY18 To Date	FY17
Referred to Collections	\$170,965.80	\$530,901.13	\$2,214,584.97
Recovered	\$61,783.68	\$190,346.62	\$664,519.40

Call Center Volume	Dec-17	FY18 To Date	FY17
Average Speed of Answer	0:04:27	0:08:29	0:04:30
CSR Calls	11,572	30,784	138,716
CSR Callbacks	1,187	6,776	19,673
IVR Self Service	21,356	71,997	283,147
Total	32,928	102,781	421,863
IVR/Total	65%	70%	67%

Service Orders	Dec-17	FY18 To Date	FY17
Move Ins	7,210	20,389	117,647
Move Outs	6,766	20,360	117,865

Bills Generated	Dec-17	FY18 To Date	FY17
Paper Bills	102,109	315,385	1,245,142
eBills	15,685	48,252	191,498
Total	117,794	363,637	1,436,640
eBill/Total	13%	13%	13%

Average Res Bill Amounts	Dec-17	FY18 To Date	FY17
Electric (kWh)	648	737	804
Electric (\$)	\$99.28	\$111.29	\$117.98
Gas (Therms)	25	16	16
Gas (\$)	\$38.93	\$28.97	\$28.81
Water (kGals)	5	5	5
Water (\$)	\$31.21	\$30.97	\$31.74
Wastewater (kGals)	5	5	5
Wastewater(\$)	\$37.07	\$36.52	\$38.08

Payment Arrangements	Dec-17	FY18 To Date	FY17
Total	8,017	29,514	95,142

THIS PAGE INTENTIONALLY LEFT BLANK

ENERGY DELIVERY

ELECTRIC T&D

SYSTEM RELIABILITY

GAS

ENERGY DELIVERY - UAB REPORT - DECEMBER 2017

Durations Reliability Report Between 12/01/2017 and 12/31/2017

Excludes Extreme Weather and Generation/Transmission Disturbances

CUSTOMER DATA	RELIABILITY INDICIES		MONTHLY AVG GOAL
Monthly Average Customers Served(C)	96,471	Average Service Availability Index (ASAI)	99.9954%
Total Hours of Customer Demand	69,459,120	System Average Interruption Duration Index (SAIDI)	1.99 Mins. 4.5 Mins
Total Number of Outages	43	Customer Average Interruption Duration Index (CAIDI)	57.27 Mins 55 Mins
Total Number of Customers Affected (CI)	3,347	System average Interruption Frequency Index (SAIFI)	0.03 0.08
Total Customer Minutes Interrupted (CMI)	191,669		
Total Customer "Out Minutes"	4,765	Average Length of a Service Interruption (L-Bar)	110.81 Mins

Outage Duration Times

Average Hours: 1
Maximum Hours: 5
Minimum Hours: 0

Cause of Outages

Cause	Overhead	Underground	Undetermined	Total
1. Weather	1	0	0	1
1. Vegetation	10	1	1	12
1. Animals	4	1	0	5
1. Foreign Interference	0	0	0	0
1. Human Cause	3	1	0	4
1. Undetermined	4	0	2	6
1. Equipment Failure	2	9	3	14
1. All Remaining Outages	0	0	0	0
Total	24	12	6	42

Durations Reliability Report Between 10/01/2017 and 12/31/2017

Excludes Extreme Weather and Generation/Transmission Disturbances

CUSTOMER DATA	RELIABILITY INDICIES	
Monthly Average Customers Served(C)	96,471	Average Service Availability Index (ASAI) 99.9966%
Total Hours of Customer Demand	210,692,664	System Average Interruption Duration Index (SAIDI) 4.44 Mins
Total Number of Outages	146	Customer Average Interruption Duration Index (CAIDI) 40.31 Mins
Total Number of Customers Affected (CI)	10,632	System average Interruption Frequency Index (SAIFI) 0.11
Total Customer Minutes Interrupted (CMI)	428,569	
Total Customer "Out Minutes"	16,169	Average Length of a Service Interruption (L-Bar) 110.75

Outage Duration Times

Average Hours: 1
Maximum Hours: 10
Minimum Hours: 0

Cause of Outages

Cause	Overhead	Underground	Undetermined	Total
1. Weather	1	0	0	1
1. Vegetation	37	3	6	46
1. Animals	22	7	0	29
1. Foreign Interference	0	0	0	0
1. Human Cause	6	4	2	12
1. Undetermined	8	3	2	13
1. Equipment Failure	11	19	14	44
1. All Remaining Outages	0	0	0	0
Total	85	36	24	145

ENERGY DELIVERY - UAB REPORT - DECEMBER 2017

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 - SW 4th Street (Forced relocation or OH to UG Conversion - waiting on CC approval)
- > 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 - gas service extension
- > 300 Block NW 15th Street - bare steel replacement (1,700 ft.)
- > SW 16th Avenue - main extension toward Aloft Hotel (1,400 ft.)
- > Northwood Commercial Park - gas main lateral crossing NW 3th Street (1,800 ft.)
- > Colclough Subdivision - gas main extension (650 ft.) to provide natural gas to back-up generators and appliances in four homes.

New Gas Services installed in December: 36 – New Customer work/Not replacement work

ENERGY DELIVERY - UAB REPORT - DECEMBER 2017

Electric System Consumption

ELECTRIC SYSTEM	CONSUMPTION	CUSTOMERS
Feed-In-Tariff - Residential	59 KWH	102
Feed-In-Tariff - General Service	2,665 KWH	155
Electric - GS - Demand - Regular	43,490,916 KWH	1,214
Electric - General Service Demand PV	612,826 KWH	16
GREC Startup Supplemental and Standby	99,480 KWH	1
Electric - GS - Kanapaha w Curtail Cr	1,012,800 KWH	1
Electric - GS - Demand - Large Power	7,203,880 KWH	8
Electric - GS - Murphree Curtail Credit	1,543,200 KWH	1
Electric - GS Large Demand PV	3,376,800 KWH	2
Electric - GS - Non Demand	12,720,854 KWH	9,694
Electric - General Service PV	77,419 KWH	54
Electric - Lighting - Rental	998,776 KWH	4,320 <i>n</i>
Electric - Lighting - Street - City	792,583 KWH	14 <i>n</i>
Electric - Lighting - Street - County	298,977 KWH	2 <i>n</i>
Electric - Lighting - Traffic	4,542 KWH	2 <i>n</i>
Electric - Residential - Non TOU	53,220,980 KWH	84,923
Electric - Residential PV	139,978 KWH	227
Total Retail Electric (<i>n</i> =not included in total)	<u>125,596,735 KWH</u>	<u>96,398</u>
City of Alachua	9,934,000 KWH	23,508 KW
City of Winter Park	7,440,000 KWH	10,000 KW
Total (Native) Electric	142,970,735 KWH	

Gas System Consumption

Gas - GS - Regular Service (Firm)	787,221 THM	1,372
Gas - GS - Regular Service (Small)	12,035 THM	254
Gas - GS - Interruptible - Regular Serv	21,514 THM	1
Gas - GS - Interruptible - Large Volume	451,521 THM	7
Gas - Residential - Regular Service	807,288 THM	33,374
Total Retail Gas	<u>2,079,579 THM</u>	<u>35,008</u>
Gas - GS - UF Cogeneration Plant	3,219,302 THM	1
Gas - Residential - LP - Basic Rate	5,309 GAL	198
GREC Gas (PGA Only)	400 THM	1

THIS PAGE INTENTIONALLY LEFT BLANK

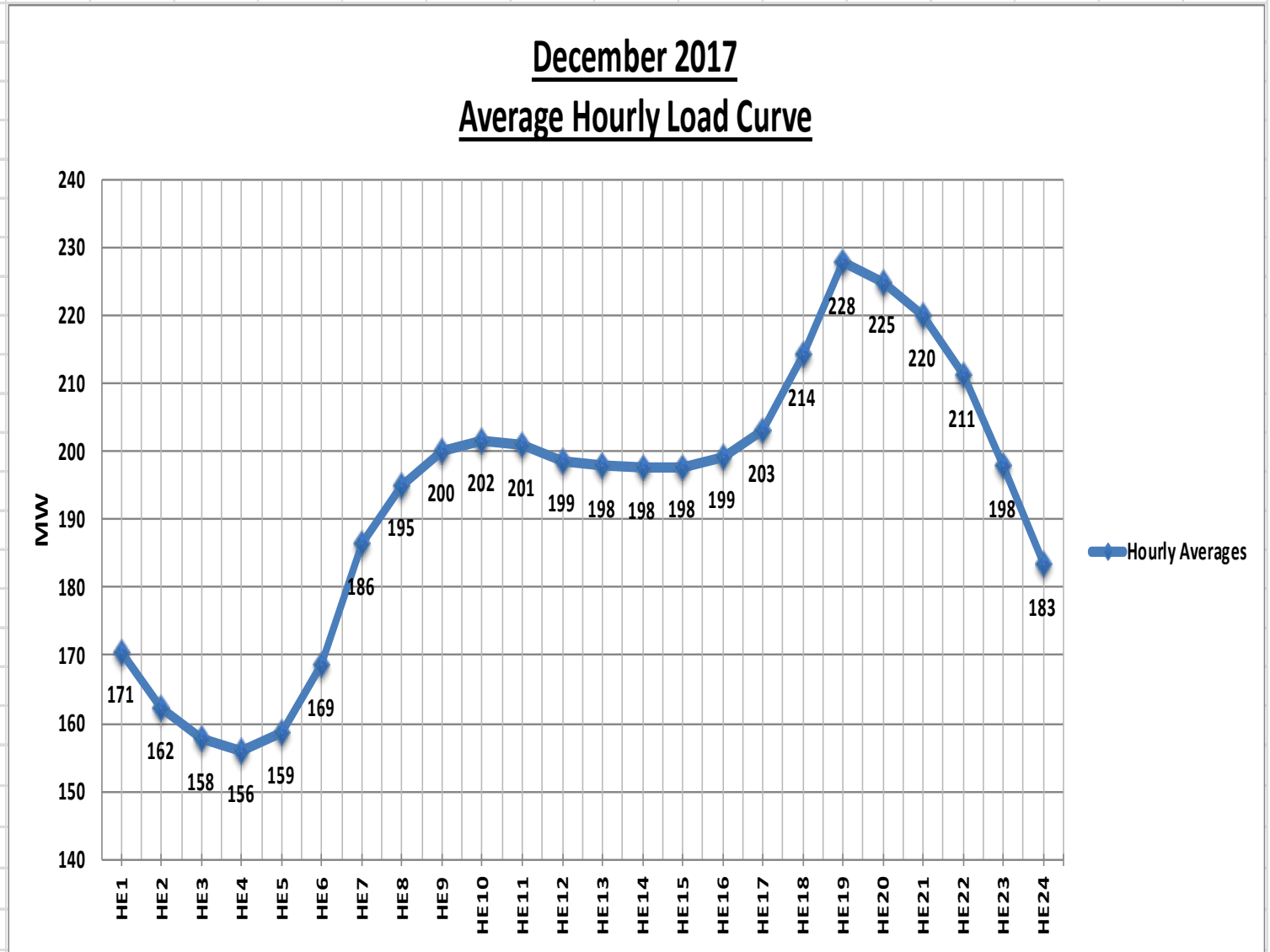
ENERGY SUPPLY

SYSTEM STATISTICS

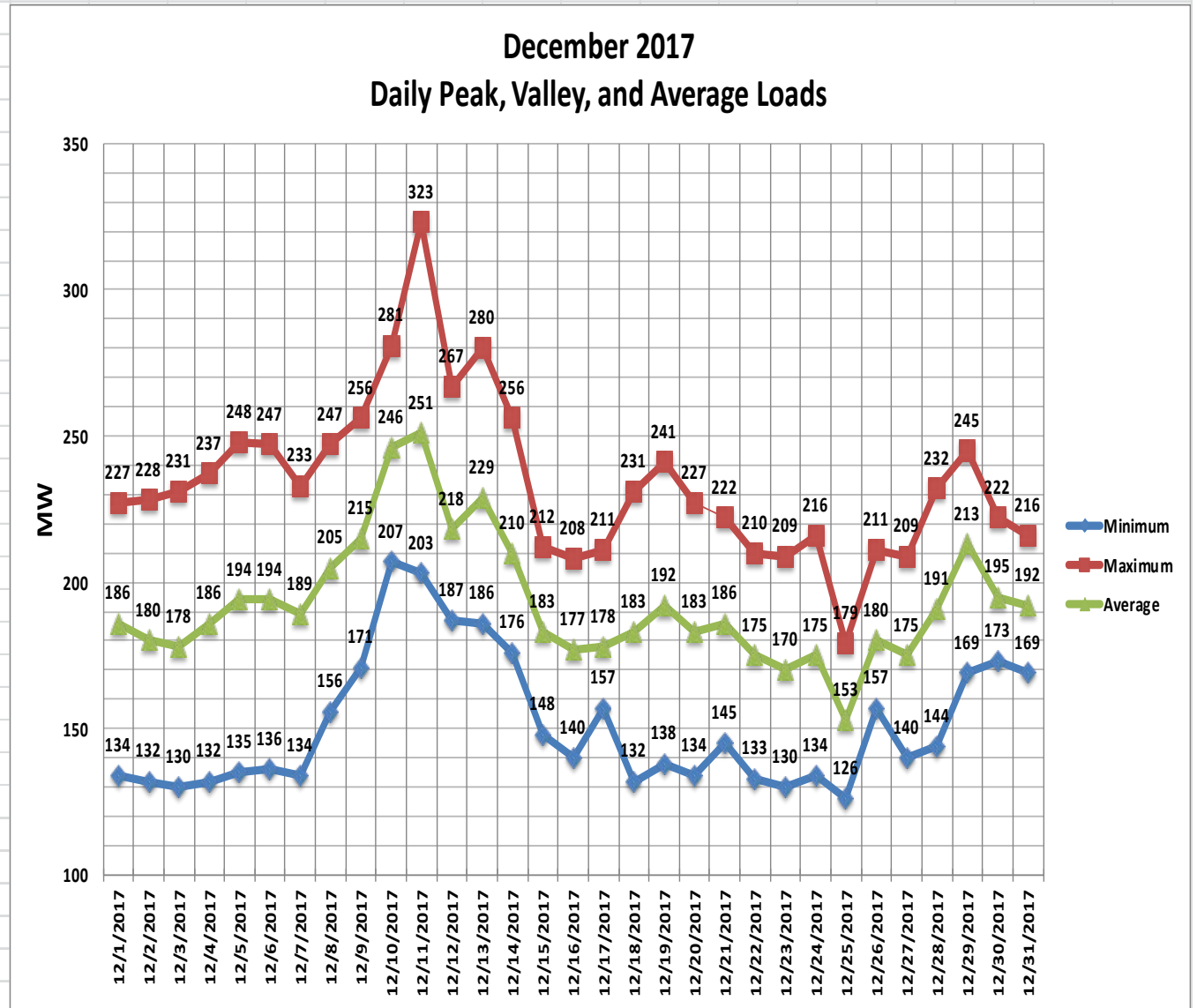
ENERGY DISTRIBUTION

FUEL

Hour Ending	Ave. Load
HE1	171
HE2	162
HE3	158
HE4	156
HE5	159
HE6	169
HE7	186
HE8	195
HE9	200
HE10	202
HE11	201
HE12	199
HE13	198
HE14	198
HE15	198
HE16	199
HE17	203
HE18	214
HE19	228
HE20	225
HE21	220
HE22	211
HE23	198
HE24	183



Date	Valley	Peak	Ave
12/1/2017	134	227	186
12/2/2017	132	228	180
12/3/2017	130	231	178
12/4/2017	132	237	186
12/5/2017	135	248	194
12/6/2017	136	247	194
12/7/2017	134	233	189
12/8/2017	156	247	205
12/9/2017	171	256	215
12/10/2017	207	281	246
12/11/2017	203	323	251
12/12/2017	187	267	218
12/13/2017	186	280	229
12/14/2017	176	256	210
12/15/2017	148	212	183
12/16/2017	140	208	177
12/17/2017	157	211	178
12/18/2017	132	231	183
12/19/2017	138	241	192
12/20/2017	134	227	183
12/21/2017	145	222	186
12/22/2017	133	210	175
12/23/2017	130	209	170
12/24/2017	134	216	175
12/25/2017	126	179	153
12/26/2017	157	211	180
12/27/2017	140	209	175
12/28/2017	144	232	191
12/29/2017	169	245	213
12/30/2017	173	222	195
12/31/2017	169	216	192



Energy Supply

Major Projects/Milestones

As of 1/4/18

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. To fully resolve this issue we need 3 days to retune unit for both simple and combined cycle with the emission technicians and GE. This was actually set up for January 3-5, 2018, but we had to delay this due to cold weather, and significant natural gas curtailment nomination provide to GRU. This is being rescheduled for week of 1/8/2018.
 - 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.
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 52 MW in full regulatory compliance, and hope to continue testing down to possibly 48 MW once cold weather has subsided.

- 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.

THIS PAGE INTENTIONALLY LEFT BLANK

ENVIRONMENTAL PERMITTING

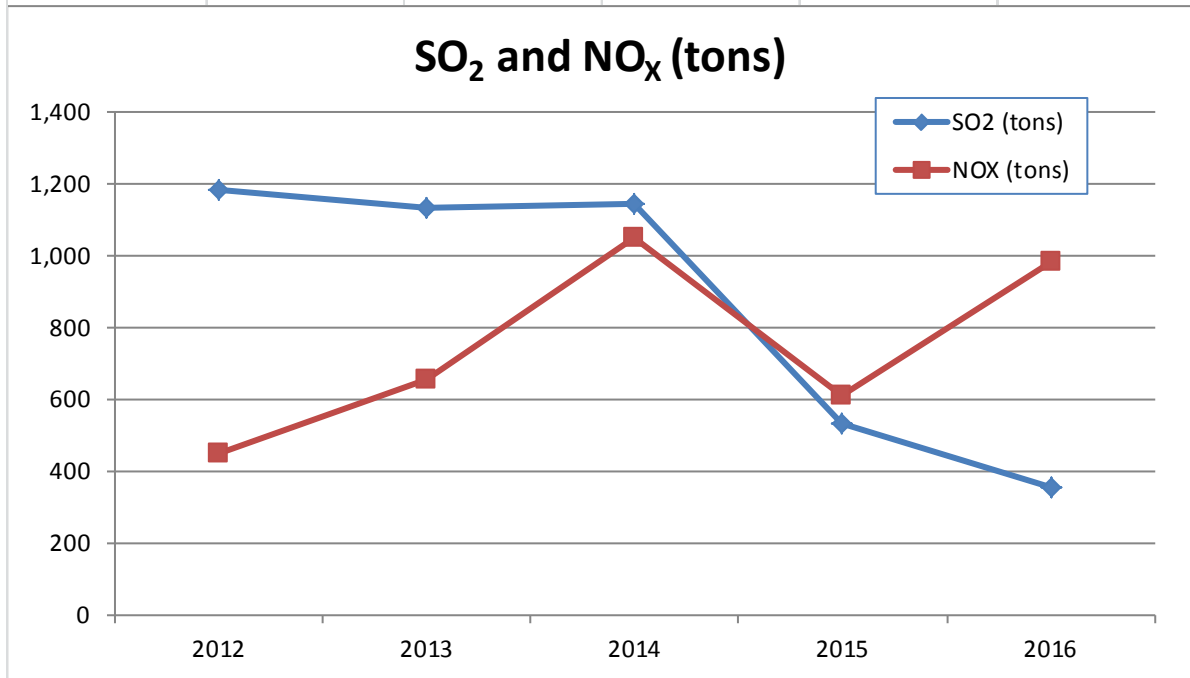
EMISSIONS DATA

Yearly Emissions

	SO ₂ (tons)	NO _x (tons)	Mercury (lbs)	PM (tons)	CO ₂ (tons)
2012	1,182	450	8.95	125	1,317,603
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

2016 Mercury values are for Unit 2 only.

Data will be updated to 2017 when corrected numbers are available after fuel data is entered.

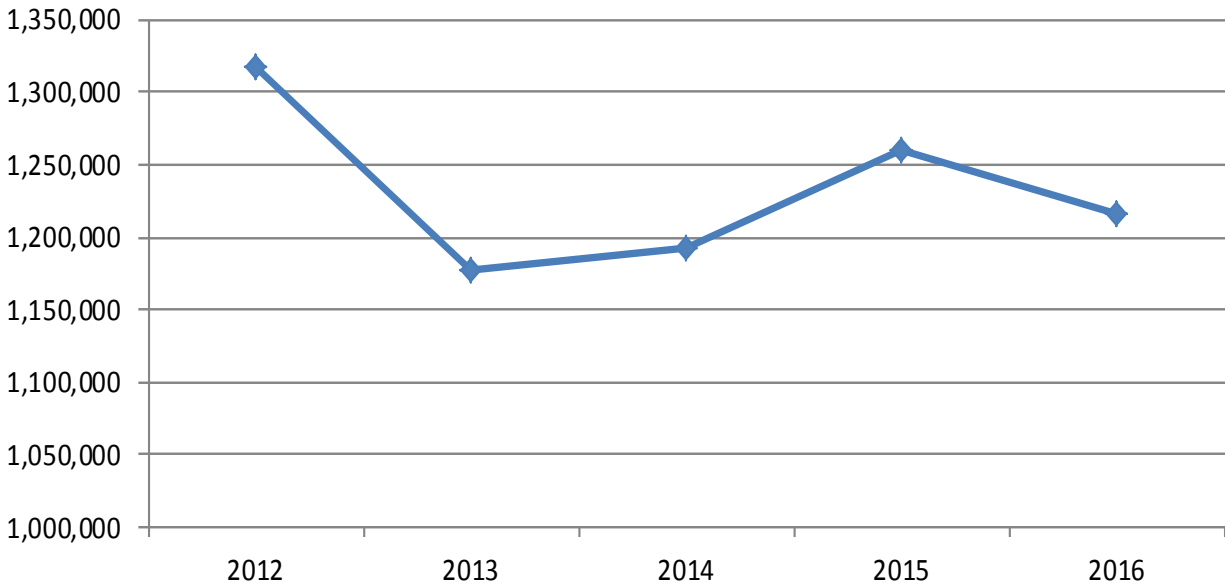


SO₂ was lower in 2015 and 2016 due to higher removal rate settings to assure compliance with the MATS Rule.

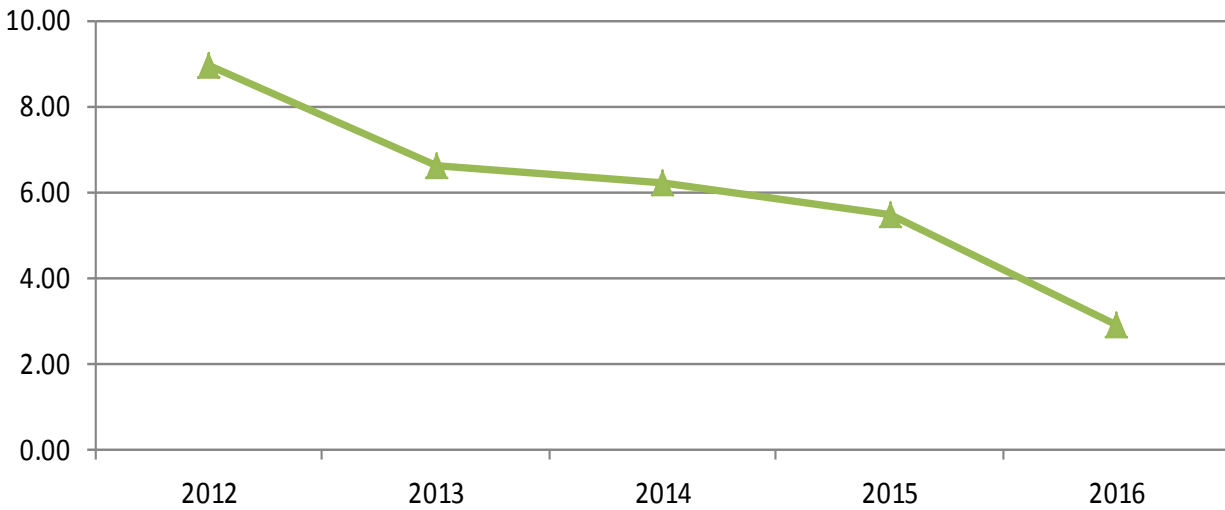
NO_x was higher in 2016 since it was more cost effective to use allowances than increase SCR removal rate.

Yearly Emissions

CO₂ (tons)



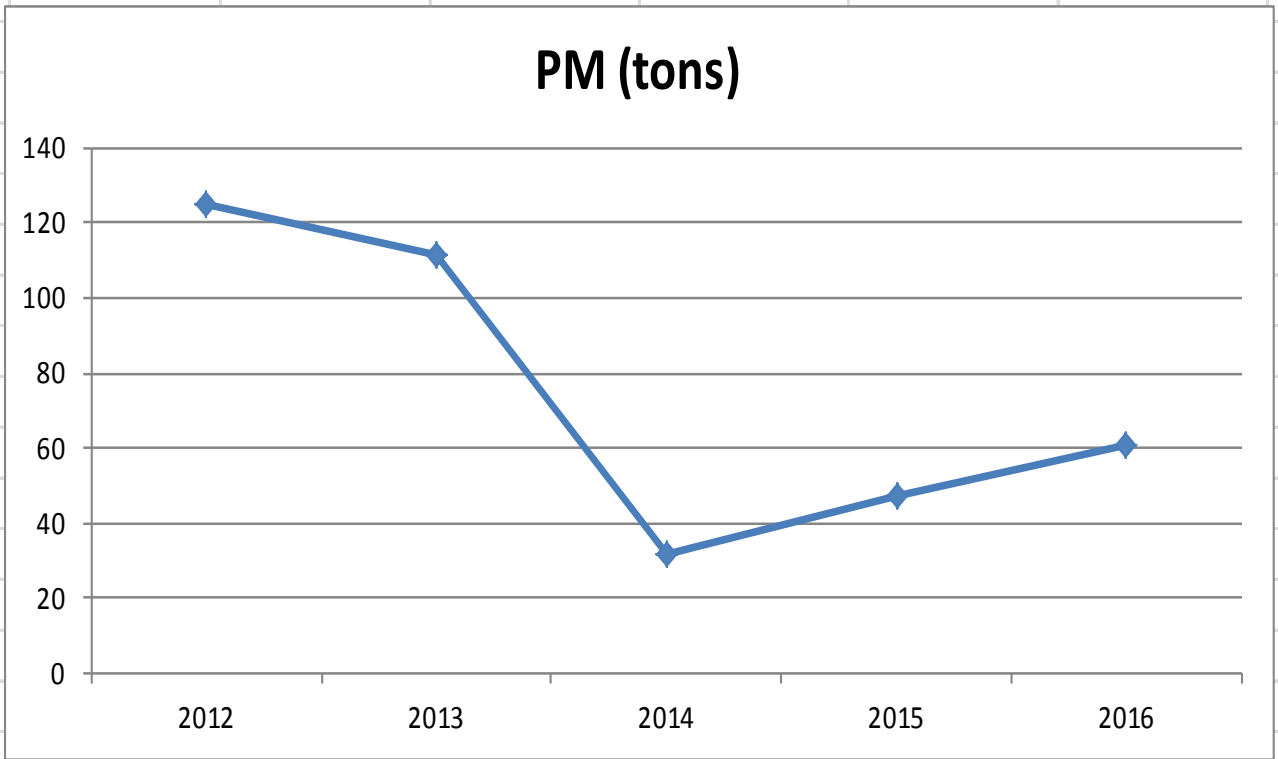
Mercury (lbs)



2016 Mercury values are for Unit 2 only.

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

Yearly Emissions



Mass Emissions - Last Month for 5 Years - December

		SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
Dec. 2013		45.0	38.8			59,894	842,227	72,337
Dec. 2014		54.0	44.9			64,671	670,055	68,187
Dec. 2015		0.3	23.9	0.0	0.0	53,199	895,172	102,031
Dec. 2016		0.3	26.2	0.0	0.0	54,624	919,149	97,537
Dec. 2017		43.9	132.9	0.4	1.1	87,180	993,502	100,541
		SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
Dec. 2013	DH1	0.0	9.4			7,408.6	124,681.0	11,564.0
	DH2	44.8	22.1			23,875.4	236,169.0	22,886.0
	DHCT3	0.1	0.3			775.3	12,998.0	1,011.0
	JRKCC1	0.1	7.0			27,835.1	468,379.0	36,876.0
	TOTAL	45.0	38.8	0.000	0.00	59,894.4	842,227.0	72,337.0
		SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
Dec. 2014	DH1	0.0	6.6			5,367.5	90,311.0	8,732.0
	DH2	54.0	38.3			59,248.4	578,819.0	59,400.0
	DHCT3	0.0	0.0			55.0	925.0	55.0
	JRKCC1	0.0	0.0			0.0	0.0	0.0
	TOTAL	54.0	44.9	0.000	0.00	64,670.9	670,055.0	68,187.0
		SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
Dec. 2015	DH1	0.1	16.7			14,821.5	249,409.0	24,726.0
	DH2	0.0	0.0	0.00	0.00	25.3	425.0	0.0
	DHCT3	0.0	0.0			0.0	0.0	0.0
	JRKCC1	0.2	7.2			38,352.3	645,338.0	77,305.0
	TOTAL	0.3	23.9	0.000	0.00	53,199.1	895,172.0	102,031.0
		SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
Dec. 2016	DH1	0.1	17.5			17,075.7	287,332.0	23,998.0
	DH2	0.0	0.0	0.00	0.00	0.0	0.0	0.0
	DHCT3	0.0	0.1			318.1	5,351.0	362.0
	JRKCC1	0.2	8.6			37,229.7	626,466.0	73,177.0
	TOTAL	0.3	26.2	0.000	0.00	54,623.5	919,149.0	97,537.0
		SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
Dec. 2017	DH1	0.1	18.8			15,009.7	252,574.0	20,003.0
	DH2	43.8	111.7	0.419	1.108	66,963.3	653,300.0	72,122.0
	DHCT3	0.0	0.2			921.0	15,495.0	1,083.0
	JRKCC1	0.0	2.2			4,286.3	72,133.0	7,333.0
	TOTAL	43.9	132.9	0.419	1.1	87,180.3	993,502.0	100,541.0

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)
Dec. 2013	DH1	0.00000	1.62574			0.64066	124,681.0	11,564.0
	DH2	3.91506	1.93131			1.04323	236,169.0	22,886.0
	DHCT3	0.19782	0.59347			0.76686	12,998.0	1,011.0
	JRKCC1	0.00542	0.37965			0.75483	468,379.0	36,876.0
		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)
Dec. 2014	DH1	0.00000	1.51168			0.61470	90,311.0	8,732.0
	DH2	1.81818	1.28956			0.99745	578,819.0	59,400.0
	DHCT3	0.00000	0.00000			1.00000	925.0	55.0
	JRKCC1	0.00000	0.00000			0.00000	0.0	0.0
		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)
Dec. 2015	DH1	0.00809	1.35080			0.59943	249,409.0	24,726.0
	DH2	0.00000	0.00000			0.00000	425.0	0.0
	DHCT3	0.00000	0.00000			0.00000	0.0	0.0
	JRKCC1	0.00517	0.18628			0.49612	645,338.0	77,305.0
		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)
Dec. 2016	DH1	0.00833	1.45845			0.71155	287,332.0	23,998.0
	DH2	0.00000	0.00000	0.000000	0.000	0.00000	0.0	0.0
	DHCT3	0.00000	0.55249			0.87873	5,351.0	362.0
	JRKCC1	0.00547	0.23505			0.50876	626,466.0	73,177.0
		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)
Dec. 2017	DH1	0.01000	1.87972			0.75037	252,574.0	20,003.0
	DH2	1.21461	3.09753	0.000006	0.031	0.92847	653,300.0	72,122.0
	DHCT3	0.00000	0.36934			0.85042	15,495.0	1,083.0
	JRKCC1	0.00000	0.60003			0.58452	72,133.0	7,333.0

2016 Emissions								
	SO ₂ (tons)	NO _x (tons)	Mercury (lbs)	PM (tons)	CO ₂ (tons)	NO _x Rate (lb/mmBtu)	HTIP (mmBtu)	MW-hours
DH1	2.7	161.4	NA	9.0	139,749.8	0.1340	2,349,851.0	202,123.0
DH2	349.5	737.6	2.917	29.3	683,555.8	0.2320	6,664,325.0	675,645.0
DHCT3	0.0	1.2	NA	0.3	4,737.4	0.0420	79,720.0	6,062.0
JRKCC1	2.0	83.8	NA	22.0	388,646.5	0.0260	6,539,729.0	796,347.0
TOTAL	354.2	984.0	2.917	60.6	1,216,689.5	0.434	15,633,625.0	1,680,177.0
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	0.02672	1.59705	NA	0.08905	0.69141			
DH2	1.03457	2.18340	0.0000432	0.08682	1.01171			
DHCT3	0.00000	0.39591	0.000	0.09898	0.78149			
JRKCC1	0.00502	0.21046	0.000	0.05525	0.488			

Deerhaven Renewable 2016 Emissions												
State	Facility Name	Facility ID (ORISPL)	Unit ID	Associated Stacks	Year	Quarter	Program(s)	SO2 (tons)	Avg. NOx Rate (lb/MMBtu)	NOx (tons)	CO2 (short tons)	Heat Input (MMBtu)
FL	Gainesville Renewable Energy Center	57241	BFB1		2016	1-4	ARP	1.308	0.0685	21.148	65829.75	634316.337
* this will be changed to 2017 when the data becomes available												
Deerhaven Renewable 2017 Emissions Quarter 1-3, January-September 2017												
State	Facility Name	Facility ID (ORISPL)	Unit ID	Associated Stacks	Year	Quarter	Program(s)	SO2 (tons)	Avg. NOx Rate (lb/MMBtu)	NOx (tons)	CO2 (short tons)	Heat Input (MMBtu)
FL	Gainesville Renewable Energy Center	57241	BFB1		2017	1	ARP	2.169	0.07	39.92	121746.132	1168275.865
FL	Gainesville Renewable Energy Center	57241	BFB1		2017	2	ARP	2.804	0.0628	47.65	158148.834	1515432.854
FL	Gainesville Renewable Energy Center	57241	BFB1		2017	3	ARP	1.116	0.0641	18.314	60780.86	583579.19
*4th quarter data is not available yet												

LEGAL EXPENSES

Fiscal Year to Date

THIS PAGE INTENTIONALLY LEFT BLANK

WATER/WASTEWATER

PRODUCTION

MAINTENANCE

Water/Wastewater Monthly Dashboard

Production

Murphree Water Treatment Plant

		December 2017	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	21.5	23.0	30	77%	
	Peak Daily Flow	24.9	25.9	54	-	

Main Street Water Reclamation Facility

		December 2017	FY to Date (mgd)	Permitted Capacity (mgd)		Status
	Average Daily Flow	5.6	6.2	7.5		

Knapaha Water Reclamation Facility

		December 2017	FY to Date (mgd)	Permitted Capacity (mgd)		Status
	Average Daily Flow	11.3	12.1	14.9		

Water Reclamation Facilities (Combined)

		December 2017	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	16.9	18.3	22.4	82%	

Maintenance

Wastewater Collections

		Dec 2017 (Miles)	FYTD	Monthly Goal (miles)	
	Miles of gravity mains cleaned	3.9	14.0	7.5	
	Miles of gravity mains TV inspected	3.1	11.8	7.5	

Water Distribution & Wastewater Collections

		Dec 2017	FYTD		
	Work orders, service orders completed	1,366	3,628		

SSO Monthly Summary

		December	FYTD	GOAL	
	Sanitary Sewer Overflows	0	4	<16	