

# STATE OF THE UTILITY

Item #170881

# OPERATIONS SUMMARY

CORPORATE SAFETY

ENVIRONMENTAL

REGULATORY

PERSONNEL

<b>Safety</b>		<b>Employees</b>					
		<b>Current Month</b>			<b>Year to Date</b>		
		<b>First Aid</b>	<b>Recordable</b>	<b>DART</b>	<b>First Aid</b>	<b>Recordable</b>	<b>DART</b>
Administration							
WWW Systems							
Energy Supply							
Energy Delivery - Electric/Gas							
GRUCom							
<b>Totals</b>							
Data Unavailable. An update will be provided at a later date.							
		<b>Vehicles</b>					
		<b>Current Month</b>			<b>Year to Date</b>		
		<b>Miles Driven</b>	<b>Recordable</b>	<b>Preventable</b>	<b>Miles Driven</b>	<b>Recordable</b>	<b>Preventable</b>
Administration							
WWW Systems							
Energy Supply							
Energy Delivery - Electric/Gas							
GRUCom							
<b>Totals</b>							
Data Unavailable. An update will be provided at a later date.							
<b>Environmental</b>		<b>Current Month</b>			<b>Calendar Year to Date</b>		
Notices of Violation		0			0		
Emissions							
DH1, DH2, DHCT3, JRKCC1							
	CO <sub>2</sub> (tons)	60,522			168,397		
	NO <sub>x</sub> (tons)	54			229		
	SO <sub>2</sub> (tons)	10.0			120.9		
DH Unit 2 (only)							
	PM <sub>FILT</sub> (tons)	1			6		
	Hg (lbs)	0.08			0.42		
<b>Regulatory</b>		<b>Current Month</b>			<b>Calendar Year to Date</b>		
<b>NERC</b>							
Notice of Violations					2		
Self Reports/Potential Violations		1			1		

<b>Personnel</b>			
	Sum of AUTHORIZED_FTE	Sum of FILLED_FTE	Sum of VACANCY
Administration	15.00	15.00	-
Business Services and GRUCom	3.00	2.00	1.00
Chief Operating Officer	18.00	16.00	2.00
Customer Support Services	117.25	111.00	6.25
Energy Delivery	263.00	233.00	30.00
Energy Supply	145.00	140.00	5.00
Energy Supply - District Energy	10.00	10.00	-
Finance	43.00	26.00	17.00
GRUCom	35.00	29.00	6.00
Information Technology	69.00	57.00	12.00
Water Wastewater	168.00	159.00	9.00
<b>Grand Total</b>	<b>886.25</b>	<b>798.00</b>	<b>88.25</b>

# CUSTOMER SUPPORT SERVICES

Customer Operations

New Services

Revenue Assurance

## Customer Operations Metrics Summary February 2018

<b>Active Accounts</b>	Feb-18	YTD Gain/Loss	FY17
<i>Residential Contract Accounts</i>			
Total	90,149	47	90,102
Electric	83,697	3	83,694
Gas	33,317	194	33,123
Water	62,727	35	62,692
Wastewater	58,692	32	58,660
Telecomm	123	(14)	137

<b>Active Accounts</b>	Feb-18	YTD Gain/Loss	FY17
<i>Nonresidential Contract Accounts</i>			
Total	13,476	(1)	13,477
Electric	10,932	15	10,917
Gas	1,643	30	1,613
Water	5,894	2	5,892
Wastewater	4,664	13	4,651
Telecomm	356	3	353

<b>New Installations</b>	Feb-18	FY18 To Date	FY17
Electric	103	515	1545
Gas	36	182	432
Water	39	223	525
Wastewater	32	211	530
Telecomm	8	46	223

<b>Residential Disconnects</b>	Feb-18	FY18 To Date	FY17
Volume	1,445	6,886	14,335
Average Balance	\$260.48	\$251.69	\$245.50

<b>Call Center Volume</b>	Feb-18	FY18 To Date	FY17
Residential ASA	0:11:09	0:11:18	0:07:23
Business ASA	0:03:38	0:03:58	0:03:43
Payment Arrangement ASA	0:08:23	0:07:57	0:04:58
CSR Calls	10,694	53,905	159,591
CSR Callbacks	2,114	10,839	19,673
IVR Self Service	20,895	116,656	283,147
Total	31,589	170,561	421,863
IVR/Total	66%	68%	67%

<b>Revenue Assurance</b>	Feb-18	FY18 To Date	FY17
Referred to Collections	\$108,513.66	\$786,373.50	\$2,214,584.97
Recovered	\$78,858.19	\$329,876.01	\$664,519.40

<b>Service Orders</b>	Feb-18	FY18 To Date	FY17
Move Ins	7,773	35,584	117,647
Move Outs	7,676	35,967	117,865

<b>Bills Generated</b>	Feb-18	FY18 To Date	FY17
Paper Bills	97,342	526,600	1,245,142
eBills	15,304	81,657	191,498
Total	112,646	608,257	1,436,640
eBill/Total	14%	13%	13%

<b>Average Res Bill Amounts</b>	Feb-18	FY18 To Date	FY17
Electric (kWh)	807	780	804
Electric (\$)	\$116.19	\$116.39	\$117.98
Gas (Therms)	52	31	16
Gas (\$)	\$66.69	\$45.38	\$28.81
Water (kGals)	5	5	5
Water (\$)	\$29.91	\$30.55	\$31.74
Wastewater (kGals)	5	5	5
Wastewater(\$)	\$42.38	\$38.75	\$38.08

<b>Payment Arrangements</b>	Feb-18	FY18 To Date	FY17
Total	7,639	44,750	95,142

# ENERGY DELIVERY

ELECTRIC T&D  
SYSTEM RELIABILITY  
GAS

## ENERGY DELIVERY - UAB REPORT - FEBRUARY 2018

### Durations Reliability Report Between 2/01/2018 and 1/28/2018

Excludes Extreme Weather and Generation/Transmission Disturbances

CUSTOMER DATA	RELIABILITY INDICIES		MONTHLY AVG GOAL	
Monthly Average Customers Served(C)	96,682	Average Service Availability Index (ASAI)	99.9953%	
Total Hours of Customer Demand	62,649,936	System Average Interruption Duration Index (SAIDI)	1.81 Mins.	4.5 Mins
Total Number of Outages	29	Customer Average Interruption Duration Index (CAIDI)	17.76 Mins	55 Mins
Total Number of Customers Affected (CI)	9,873	System average Interruption Frequency Index (SAIFI)	0.10	0.08
Total Customer Minutes Interrupted (CMI)	175,342			
Total Customer "Out Minutes"	3,749	Average Length of a Service Interruption (L-Bar)	129.28 Mins	

#### Outage Duration Times

Average Hours: 2  
Maximum Hours: 7  
Minimum Hours: 0

#### Cause of Outages

Cause	Overhead	Underground	Undetermined	Total
1. Weather	0	0	0	0
1. Vegetation	4	1	1	6
1. Animals	1	0	0	1
1. Foreign Interference	0	0	0	0
1. Human Cause	1	0	2	3
1. Undetermined	1	1	2	4
1. Equipment Failure	3	8	4	15
1. All Remaining Outages	0	0	0	0
Total	10	10	9	29

### Durations Reliability Report Between 10/01/2017 and 2/28/2018

Excludes Extreme Weather and Generation/Transmission Disturbances

CUSTOMER DATA	RELIABILITY INDICIES		FISCAL YTD GOALS	
Monthly Average Customers Served(C)	96,682	Average Service Availability Index (ASAI)	99.9954%	
Total Hours of Customer Demand	248,055,200	System Average Interruption Duration Index (SAIDI)	9.95 Mins	18 Mins
Total Number of Outages	220	Customer Average Interruption Duration Index (CAIDI)	36.19 Mins	55 Mins
Total Number of Customers Affected (CI)	26,597	System average Interruption Frequency Index (SAIFI)	0.28	0.32
Total Customer Minutes Interrupted (CMI)	962,463			
Total Customer "Out Minutes"	25,312	Average Length of a Service Interruption (L-Bar)	115.05 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	54	4	8	66
1. Animals	26	7	0	33
1. Foreign Interference	0	0	0	0
1. Human Cause	8	6	5	19
1. Undetermined	12	6	3	21
1. Equipment Failure	19	36	21	76
1. All Remaining Outages	0	0	0	0
Total	120	59	40	219



## ENERGY DELIVERY - UAB REPORT - FEBRUARY 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.) - working with parties involved to agree on terms of service
- > 300 Block NW 15th Street - bare steel replacement (1,700 ft.)
- > Greenhouse Church NW 39th Ave. – gas main Installation (1600' and cross 39th Ave.)
- > Tower Rd. (Sun Trail Project) - relocating 6" steel gas main in two locations.
- > Aloft Hotel - Hull Rd - gas main installation (1400').
- > Celebration Point – SW 45th Pl – gas main installation as needed (9238').

New Gas Services installed in February: 34 - New Customer work/Not replacement work

**ENERGY DELIVERY - UAB REPORT - FEBRUARY 2018**

**Electric System Consumption**

<b>ELECTRIC SYSTEM</b>	<b>CONSUMPTION</b>	<b>CUSTOMERS</b>
Feed-In-Tariff - Residential	55 KWH	101
Feed-In-Tariff - General Service	3,716 KWH	156
Electric - GS - Demand - Regular	45,038,899 KWH	1,224
Electric - General Service Demand PV	773,240 KWH	16
Electric - GS - Kanapaha w Curtail Cr	1,024,800 KWH	1
Electric - GS - Demand - Large Power	7,054,600 KWH	8
Electric - GS - Murphree Curtail Credit	1,399,200 KWH	1
Electric - GS Large Demand PV	3,268,800 KWH	2
Electric - GS - Non Demand	14,149,813 KWH	9,696
Electric - General Service PV	108,108 KWH	54
Electric - Lighting - Rental	986,462 KWH	4,277 <i>n</i>
Electric - Lighting - Street - City	1,474,696 KWH	14 <i>n</i>
Electric - Lighting - Street - County	24,495 KWH	1 <i>n</i>
Electric - Lighting - Traffic	4,542 KWH	2 <i>n</i>
Electric - Residential - Non TOU	66,551,134 KWH	85,051
Electric - Residential PV	191,484 KWH	249
Total Retail Electric ( <i>n</i> =not included in total)	<u>142,054,044 KWH</u>	<u>96,559</u>
City of Alachua	8,830,000 KWH	18,716 KW
City of Winter Park	6,720,000 KWH	10,000 KW
Total (Native) Electric	157,604,044 KWH	

**Gas System Consumption**

<b>GAS SYSTEM</b>		
Gas - GS - Regular Service (Firm)	1,015,005 THM	1,389
Gas - GS - Regular Service (Small)	23,274 THM	256
Gas - GS - Interruptible - Regular Serv	43,448 THM	1
Gas - GS - Interruptible - Large Volume	438,958 THM	7
Gas - Residential - Regular Service	1,668,057 THM	33,443
Total Retail Gas	<u>3,188,742 THM</u>	<u>35,096</u>
Gas - GS - UF Cogeneration Plant	3,322,604 THM	1
Gas - Residential - LP - Basic Rate	6,122 GAL	197

# ENERGY SUPPLY

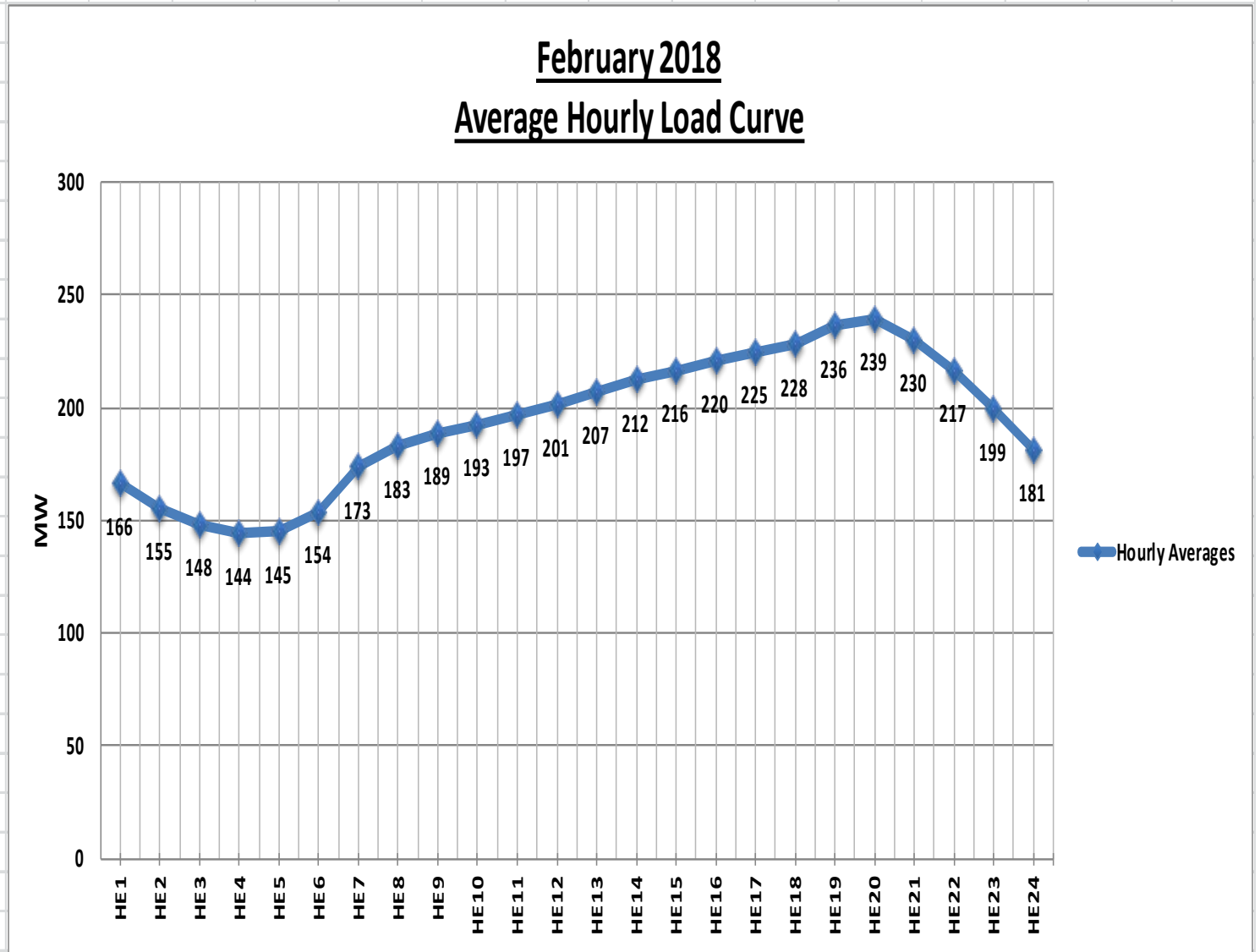
SYSTEM STATISTICS

ENERGY DISTRIBUTION

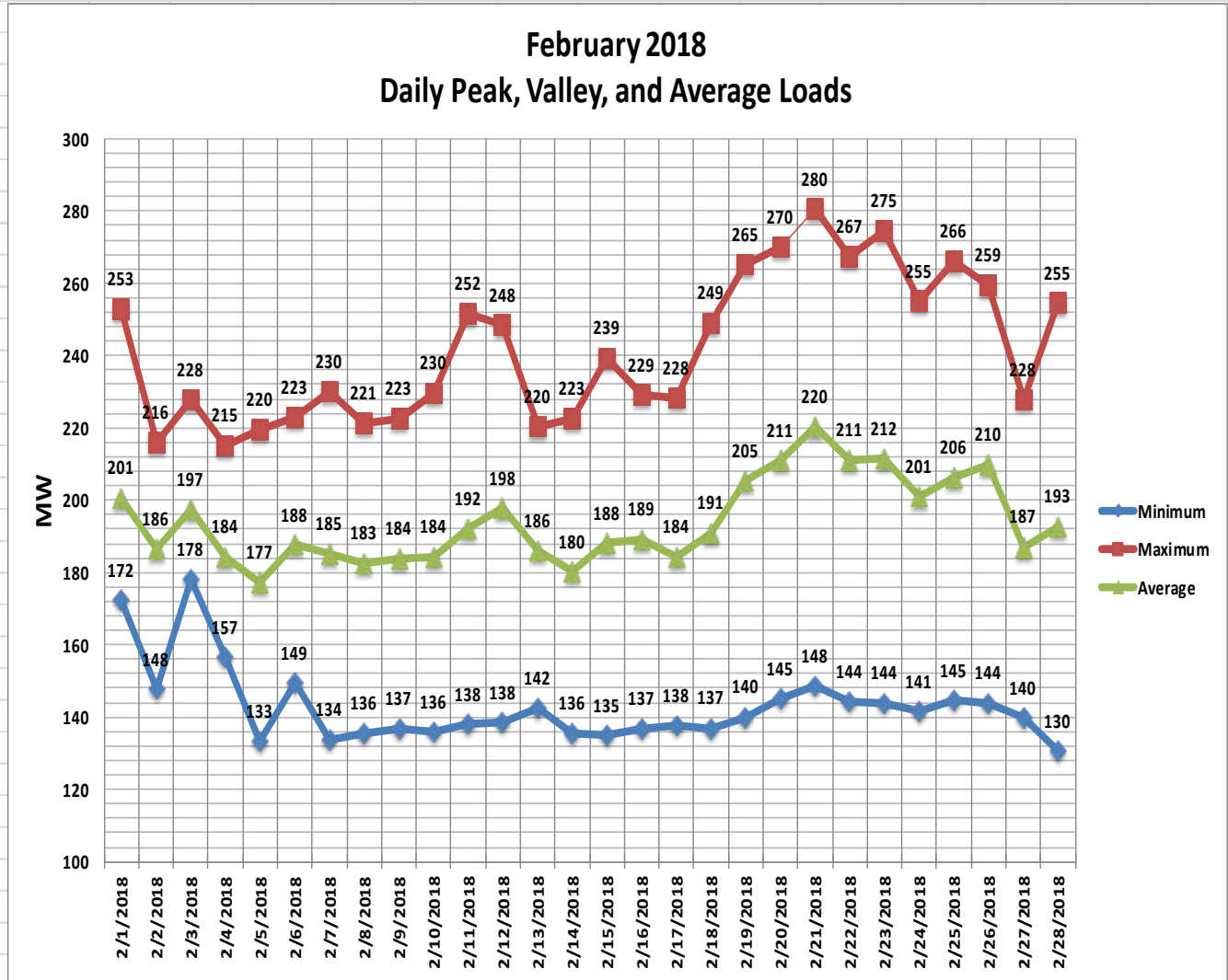
FUEL

February 2018					
<b>Energy Supply</b>					
<b>System Statistics</b>					
<b>Unit Capability output - MWn</b>					
DH-2	228				
DH-1	75				
Kelly CC	108				
CT's	106				
Grid	2 x 224				
DHR	102.5				
<b>Energy Supply - MWHrs Delivered</b>					
	<b>Month</b>	<b>YTD</b>	<b>Budget YTD</b>	<b>Delta Budget</b>	
<b>Source</b>					
DH-2	17,960	283,106	434,131	(151,025)	
DH-1	16,418	87,831	25,893	61,938	
Kelly CC	48,471	77,249	146,512	(69,263)	
CT's	-	2,418	135	2,283	
Grid	11,650	101,885	108,701	(6,816)	
DHR	48,118	257,898	23,126	234,772	
<b>Average Energy Distribution Curve</b>					
Curve 1 is the hourly distribution of load averages over the month (Pg ES1)					
Curve 2 is peak load per day (Pg ES2)					
<b>Fuel Consumed</b>					
	<b>Month</b>	<b>YTD</b>	<b>Budget YTD</b>	<b>Delta Budget</b>	
<b>Coal - Tons</b>	7,298	109,497	225,170	(115,673)	
<b>Gas-MCF</b>	677,887	2,636,740	1,915,562	721,178	
<b>Fuel oil - Gal</b>	77	160,553	-	160,553	
<b>Wood - Tons</b>	64,290	243,613	237,401	6,212	

Hour Ending	Ave. Load
HE1	166
HE2	155
HE3	148
HE4	144
HE5	145
HE6	154
HE7	173
HE8	183
HE9	189
HE10	193
HE11	197
HE12	201
HE13	207
HE14	212
HE15	216
HE16	220
HE17	225
HE18	228
HE19	236
HE20	239
HE21	230
HE22	217
HE23	199
HE24	181



Date	Valley	Peak	Ave
2/1/2018	172	253	201
2/2/2018	148	216	186
2/3/2018	178	228	197
2/4/2018	157	215	184
2/5/2018	133	220	177
2/6/2018	149	223	188
2/7/2018	134	230	185
2/8/2018	136	221	183
2/9/2018	137	223	184
2/10/2018	136	230	184
2/11/2018	138	252	192
2/12/2018	138	248	198
2/13/2018	142	220	186
2/14/2018	136	223	186
2/15/2018	135	239	188
2/16/2018	137	229	189
2/17/2018	138	228	184
2/18/2018	137	249	191
2/19/2018	140	265	205
2/20/2018	145	270	211
2/21/2018	148	280	220
2/22/2018	144	267	211
2/23/2018	144	275	212
2/24/2018	141	255	201
2/25/2018	145	266	206
2/26/2018	144	259	210
2/27/2018	140	228	187
2/28/2018	130	255	193
3/1/2018			
3/2/2018			
3/3/2018			



Major Energy Supply Projects/Milestones Updates  
As of 3/6/2018

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 25<sup>th</sup> and returned to service February 5<sup>th</sup>. Testing and tuning was completed 2/6 – 8/18. The unit is currently returned to full availability.
  - 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.
  - b. GRU 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. OEM will be onsite in March to assess feasibility, optimize tuning, 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. GRU has received, sorted and processed approximately 15,000 tons of storm debris that will be used as fuel. The all-in cost of the fuel (after processing and sorting) is approximately \$11/ton
- 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.

#### 4. Deerhaven Unit 2

- a. DH2 was returned to service as expected in February following a planned, short-duration outage to inspect CDS coatings.



# ENVIRONMENTAL PERMITTING

## Emissions Data

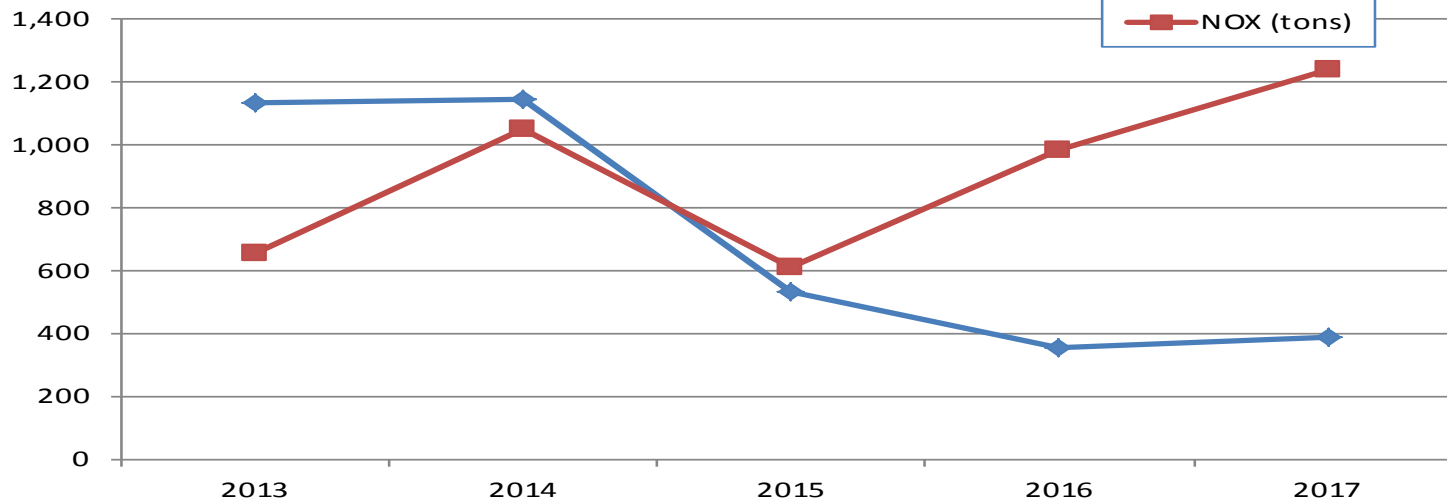
### Yearly Emissions

	SO <sub>2</sub> (tons)	NO <sub>x</sub> (tons)	Mercury (lbs)	PM (tons)	CO <sub>2</sub> (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	*26.147	1,037,711

**2016 Mercury values are for Unit 2 only.**

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

### SO<sub>2</sub> and NO<sub>x</sub> (tons)

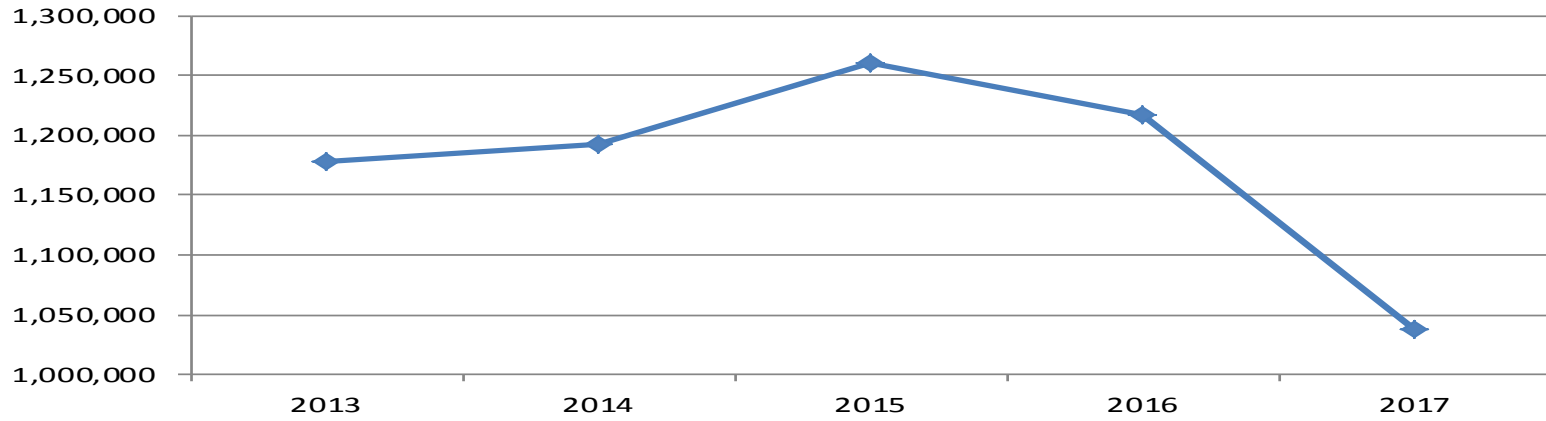


**SO<sub>2</sub> was lower in 2015 and 2016 due to higher removal rate settings to assure compliance with the MATS Rule.**

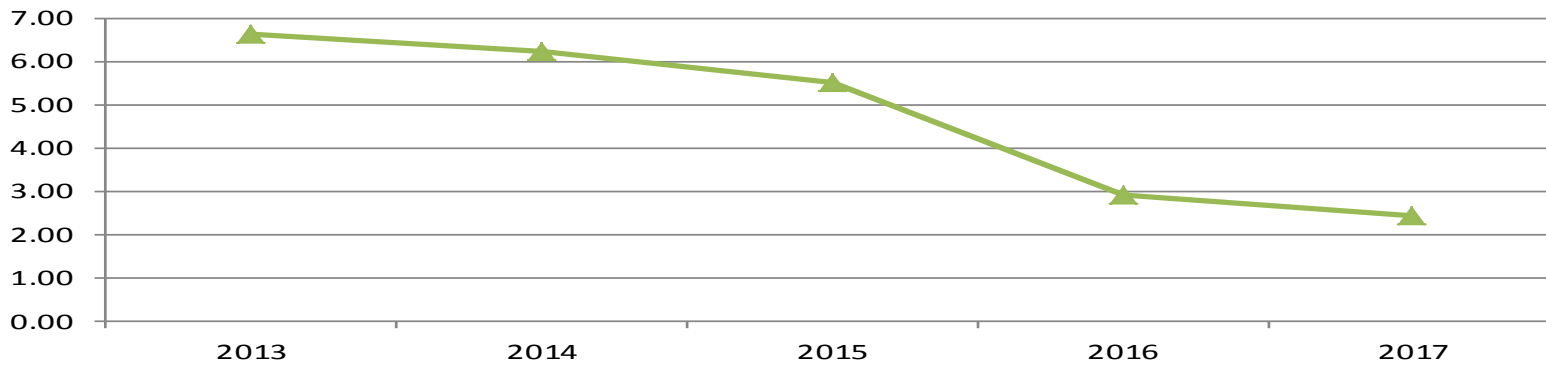
**NO<sub>x</sub> was higher in 2016 since it was more cost effective to use allowances than increase SCR removal rate.**

### Yearly Emissions

#### CO<sub>2</sub> (tons)



#### Mercury (lbs)

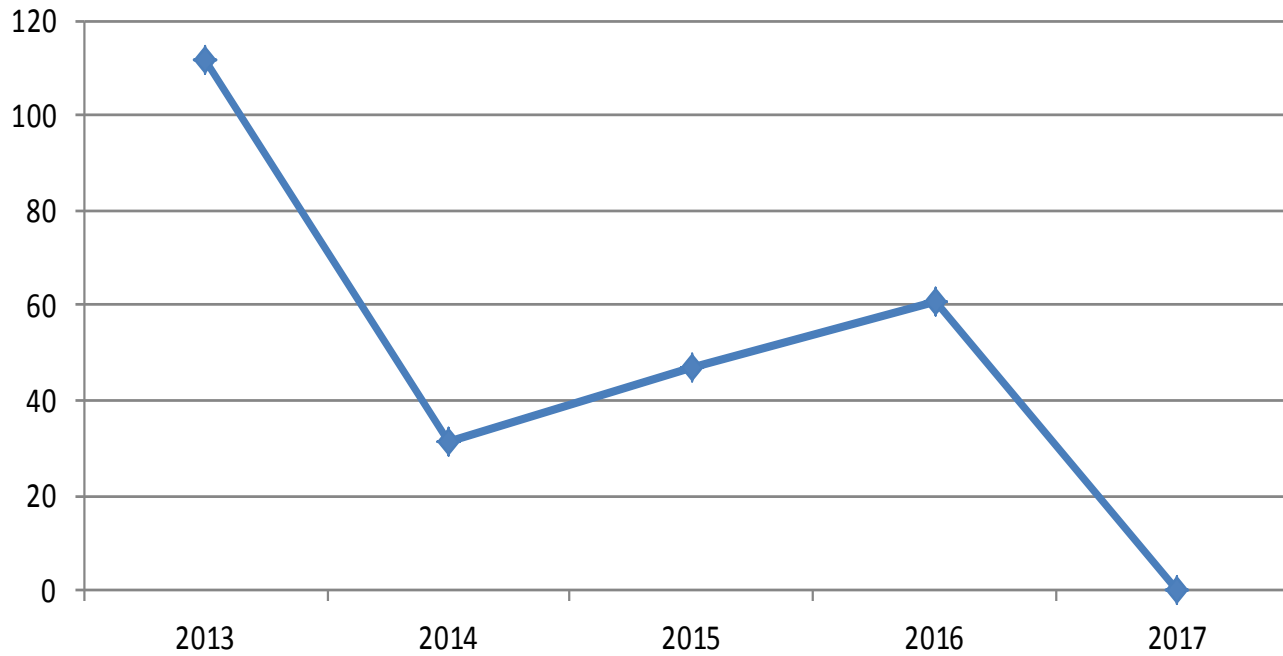


**2017 Mercury values are for Unit 2 only.**

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

## Yearly Emissions

### PM (tons)



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

**Mass Emissions - Last Month for Five Years**

		<b>SO<sub>2</sub> (tons)</b>	<b>NO<sub>x</sub> (tons)</b>	<b>Mercury (lbs)</b>	<b>PM (tons)</b>	<b>CO<sub>2</sub> (tons)</b>	<b>HTIP (MMBtu)</b>	<b>GEN (MW-hours)</b>
Feb. 2014		76.1	63.6			72,230	806,578	82,883
Feb. 2015		40.0	53.0			91,088	939,026	104,383
Feb. 2016		27.9	111.9	0.1	2.9	98,204	1,212,233	141,425
Feb. 2017		0.3	20.4	0.0	0.0	44,282	745,096	84,786
Feb. 2018		10.0	54.4	0.1	1.2	60,522	868,159	89,836
		<b>SO<sub>2</sub> (tons)</b>	<b>NO<sub>x</sub> (tons)</b>	<b>Mercury (lbs)</b>	<b>PM (tons)</b>	<b>CO<sub>2</sub> (tons)</b>	<b>HTIP (MMBtu)</b>	<b>GEN (MW-hours)</b>
Feb. 2014	DH1	0.0	0.9			664.0	11,172.0	897.0
	DH2	75.4	59.7			57,857.2	565,157.0	55,010.0
	DHCT3	0.2	0.1			501.9	8,327.0	626.0
	JRKCC1	0.5	2.9			13,207.0	221,922.0	26,350.0
	<b>TOTAL</b>	<b>76.1</b>	<b>63.6</b>	<b>0.000</b>	<b>0.00</b>	<b>72,230.1</b>	<b>806,578.0</b>	<b>82,883.0</b>
		<b>SO<sub>2</sub> (tons)</b>	<b>NO<sub>x</sub> (tons)</b>	<b>Mercury (lbs)</b>	<b>PM (tons)</b>	<b>CO<sub>2</sub> (tons)</b>	<b>HTIP (MMBtu)</b>	<b>GEN (MW-hours)</b>
Feb. 2015	DH1	5.0	5.2			3,366.6	53,074.0	4,845.0
	DH2	35.0	46.6			83,481.5	814,610.0	91,515.0
	DHCT3	0.0	0.4			761.2	12,809.0	919.0
	JRKCC1	0.0	0.8			3,478.8	58,533.0	7,104.0
	<b>TOTAL</b>	<b>40.0</b>	<b>53.0</b>	<b>0.000</b>	<b>0.00</b>	<b>91,088.1</b>	<b>939,026.0</b>	<b>104,383.0</b>
		<b>SO<sub>2</sub> (tons)</b>	<b>NO<sub>x</sub> (tons)</b>	<b>Mercury (lbs)</b>	<b>PM (tons)</b>	<b>CO<sub>2</sub> (tons)</b>	<b>HTIP (MMBtu)</b>	<b>GEN (MW-hours)</b>
Feb. 2016	DH1	0.0	0.6			553.2	9,306.0	791.0
	DH2	27.7	103.9	0.14	2.92	62,173.3	605,968.0	68,200.0
	DHCT3	0.0	0.0			0.0	0.0	0.0
	JRKCC1	0.2	7.4			35,477.0	596,959.0	72,434.0
	<b>TOTAL</b>	<b>27.9</b>	<b>111.9</b>	<b>0.140</b>	<b>2.92</b>	<b>98,203.5</b>	<b>1,212,233.0</b>	<b>141,425.0</b>
		<b>SO<sub>2</sub> (tons)</b>	<b>NO<sub>x</sub> (tons)</b>	<b>Mercury (lbs)</b>	<b>PM (tons)</b>	<b>CO<sub>2</sub> (tons)</b>	<b>HTIP (MMBtu)</b>	<b>GEN (MW-hours)</b>
Feb. 2017	DH1	0.1	12.9			11,274.8	189,711.0	15,263.0
	DH2	0.0	0.0	0.000	0.000	0.0	0.0	0.0
	DHCT3	0.0	0.2			933.4	15,707.0	1,073.0
	JRKCC1	0.2	7.3			32,073.3	539,678.0	68,450.0
	<b>TOTAL</b>	<b>0.3</b>	<b>20.4</b>	<b>0.000</b>	<b>0.00</b>	<b>44,281.5</b>	<b>745,096.0</b>	<b>84,786.0</b>
		<b>SO<sub>2</sub> (tons)</b>	<b>NO<sub>x</sub> (tons)</b>	<b>Mercury (lbs)</b>	<b>PM (tons)</b>	<b>CO<sub>2</sub> (tons)</b>	<b>HTIP (MMBtu)</b>	<b>GEN (MW-hours)</b>
Feb. 2018	DH1	0.1	15.7			13,441.6	226,145.0	18,078.0
	DH2	9.8	32.7	0.079	1.162	21,375.9	209,484.0	22,350.0
	DHCT3	0.0	0.0			0.0	0.0	807.0
	JRKCC1	0.1	6.0			25,704.7	432,530.0	48,601.0
	<b>TOTAL</b>	<b>10.0</b>	<b>54.4</b>	<b>0.079</b>	<b>1.2</b>	<b>60,522.2</b>	<b>868,159.0</b>	<b>89,836.0</b>

**Mass Emissions Rate - Last Month for 5 Years per MWh**

		SO <sub>2</sub> lbs per MW-hr net	NO <sub>x</sub> lbs per MW-hr net	Hg lbs per MW-hr net	PM lbs per MW-hr net	CO <sub>2</sub> tons per MW-hr net	HTIP (MMBtu)	GEN (Net MW-hours)
Feb. 2014	DH1	0.00000	2.00669			0.74025	11,172.0	897.0
	DH2	2.74132	2.17051			1.05176	565,157.0	55,010.0
	DHCT3	0.63898	0.31949			0.80176	8,327.0	626.0
	JRKCC1	0.03795	0.22011			0.50121	221,922.0	26,350.0
		SO <sub>2</sub> lbs per MW-hr net	NO <sub>x</sub> lbs per MW-hr net	Hg lbs per MW-hr net	PM lbs per MW-hr net	CO <sub>2</sub> tons per MW-hr net	HTIP (MMBtu)	GEN (Net MW-hours)
Feb. 2015	DH1	2.06398	2.14654			0.69486	53,074.0	4,845.0
	DH2	0.76490	1.01841			0.91222	814,610.0	91,515.0
	DHCT3	0.00000	0.87051			0.82829	12,809.0	919.0
	JRKCC1	0.00000	0.22523			0.48970	58,533.0	7,104.0
		SO <sub>2</sub> lbs per MW-hr net	NO <sub>x</sub> lbs per MW-hr net	Hg lbs per MW-hr net	PM lbs per MW-hr net	CO <sub>2</sub> tons per MW-hr net	HTIP (MMBtu)	GEN (Net MW-hours)
Feb. 2016	DH1	0.00000	1.51707			0.69937	9,306.0	791.0
	DH2	0.81232	3.04692			0.91163	605,968.0	68,200.0
	DHCT3	0.00000	0.00000			0.00000	0.0	0.0
	JRKCC1	0.00552	0.20432			0.48978	596,959.0	72,434.0
		SO <sub>2</sub> lbs per MW-hr net	NO <sub>x</sub> lbs per MW-hr net	Hg lbs per MW-hr net	PM lbs per MW-hr net	CO <sub>2</sub> tons per MW-hr net	HTIP (MMBtu)	GEN (Net MW-hours)
Feb. 2017	DH1	0.01310	1.69036			0.73870	189,711.0	15,263.0
	DH2	0.00000	0.00000	0.000000	0.000	0.00000	0.0	0.0
	DHCT3	0.00000	0.37279			0.86990	15,707.0	1,073.0
	JRKCC1	0.00584	0.21329			0.46857	539,678.0	68,450.0
		SO <sub>2</sub> lbs per MW-hr net	NO <sub>x</sub> lbs per MW-hr net	Hg lbs per MW-hr net	PM lbs per MW-hr net	CO <sub>2</sub> tons per MW-hr net	HTIP (MMBtu)	GEN (Net MW-hours)
Feb. 2018	DH1	0.01106	1.73692			0.74353	226,145.0	18,078.0
	DH2	0.87696	2.92617	0.000004	0.104	0.95642	209,484.0	22,350.0
	DHCT3	0.00000	0.00000			0.00000	0.0	807.0
	JRKCC1	0.00412	0.24691			0.52889	432,530.0	48,601.0

2017 Emissions								
	SO <sub>2</sub> (tons)	NO <sub>x</sub> (tons)	Mercury (lbs)	PM (tons)	CO <sub>2</sub> (tons)	NO <sub>x</sub> 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
<b>TOTAL</b>	<b>388.5</b>	<b>1,238.7</b>	<b>2.400</b>	<b>26.2</b>	<b>1,033,992.1</b>	<b>0.543</b>	<b>13,213,455.0</b>	<b>1,405,509.0</b>
<b>2017 Emissions per Net MW-hr</b>								
	SO <sub>2</sub> lbs/MW-hr	NO <sub>x</sub> lbs/MW-hr	Mercury (lbs)	PM (lbs)	CO <sub>2</sub> tons per MW-hr			
DH1	0.06636	1.51924	NA	NA	0.69539			
DH2	1.26761	3.31887	0.0000401	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 (Jan.-Feb.)								
	SO <sub>2</sub> (tons)	NO <sub>x</sub> (tons)	Mercury (lbs)	PM (tons)	CO <sub>2</sub> (tons)	SO <sub>2</sub> Rate (lb/MMBtu)	NO <sub>x</sub> Rate (lb/MMBtu)	HTIP (MMBtu)	GEN (MW-hours)
DH1	22.6	35.8			28,736.2			478,959.0	40,205.0
DH2	98.2	186.2	0.4	5.8	110,170.0			1,074,922.0	120,580.0
DHCT3	0.0	0.5			719.6			12,105.0	807.0
JRKCC1	0.1	6.9			28,770.8			484,127.0	52,521.0
<b>TOTAL</b>	<b>120.9</b>	<b>229.4</b>	<b>0.415</b>	<b>5.8</b>	<b>168,396.6</b>			<b>2,050,113.0</b>	<b>214,113.0</b>

	2018 (Jan.-Feb.) Emissions per MW-hr								
	SO <sub>2</sub> lbs/MW-hr	NO <sub>x</sub> lbs/MW-hr	Mercury (lbs)	PM (lbs)	CO <sub>2</sub> tons/MW-hr	SO <sub>2</sub> Rate (lb/MMBtu)	NO <sub>x</sub> Rate (lb/MMBtu)	HTIP (MMBtu)	GEN (MW-hours)
DH1	1.12424	1.78087			0.71474			478,959.0	40,205.0
DH2	1.62879	3.08841	0.000003	0.09697	0.91367			1,074,922.0	120,580.0
DHCT3	0.00000	1.23916			0.89170			12,105.0	807.0
JRKCC1	0.00381	0.26275			0.54780			484,127.0	52,521.0



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 FEES

YEAR-to-DATE

FY18 LEGAL FEES PAID YEAR-TO-DATE

VENDOR	10/01-10/31 2017	11/01-11/30 2017	12/01-12/31/2017	1/1/18-1/31/18	2/1/18-2/28/18	Total Legal Costs
1000963 HOPPING GREEN & SAMS	\$ 4,921.50	\$ 5,975.75	\$ 11,806.00	\$ 4,419.50	\$ 3,386.50	\$ 30,509.25
						\$ -
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
						\$ -
1005641 McGuirewoods LLP	\$ -	\$ -	\$ -	\$ 20,347.98	\$ -	\$ 20,347.98
						\$ -
	\$ 152,777.22	\$ 833,773.63	\$ 1,222,916.19	\$ 24,767.48	\$ 3,386.50	\$ 2,237,621.02

# WATER/WASTEWATER

Production

Maintenance

Projects

# Water/Wastewater Monthly Dashboard

## Production

### Murphree Water Treatment Plant

		February 2018	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	22.8	22.8	30	76%	
	Peak Daily Flow	25.7	26.8	54	-	

### Main Street Water Reclamation Facility

		February 2018	FY to Date (mgd)	Capacity		Status
	Average Daily Flow	6.5	6.1	7.5		

### Kanapaha Water Reclamation Facility

		February 2018	FY to Date (mgd)	Permitted Capacity (mgd)		Status
	Average Daily Flow	12.6	12.1	14.9		

### Water Reclamation Facilities (Combined)

		February 2018	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	19.1	18.2	22.4	81%	

## Maintenance

### Wastewater Collections

	Feb 2018 (Miles)	FYTD	Monthly Goal (miles)	
Miles of gravity mains cleaned	6.9	27.5	7.5	
Miles of gravity mains TV inspected	6.8	23.3	7.5	

### Water Distribution & Wastewater Collections

	Feb 2018	FYTD		
Work orders, service orders completed	1,197	6,008		

## SSO Monthly Summary

	February	YTD	GOAL	
Sanitary Sewer Overflows	2	8	<16	