

STATE OF THE UTILITY

June 2018

OPERATIONS SUMMARY

CORPORATE SAFETY

ENVIRONMENTAL

REGULATORY

PERSONNEL

June 2018

Safety

Employees

	Current Month			Year to Date		
	First Aid	Recordable	DART	First Aid	Recordable	DART
Administration	0	0	0	1	0	0
WWW Systems	0	0	0	1	1	0
Energy Supply	0	0	0	0	3	0
Energy Delivery - Electric/Gas	0	0	0	5	3	2
GRUCom	0	0	0	0	0	0
Totals		0			7	

NOTE: No recordable Injury since 2/5/18

Vehicles

	Current Month			Year to Date		
	Miles Driven	Recordable	Preventable	Miles Driven	Recordable	Preventable
Administration	16,735	1	1	125,115	1	1
WWW Systems	82,471	1	1	709,074	6	3
Energy Supply	2,341	0	0	65,208	2	2
Energy Delivery - Electric/Gas	111,086	0	0	971,828	6	4
GRUCom	8,180	0	0	79,332	0	0
Totals	220,813	2		1,950,557	15	

Environmental

		Current Month	Calendar Year to Date
Notices of Violation		0	0
Emissions			
DH1, DH2, DHCT3, JRKCC1			
	CO ₂ (tons)	123,260	555,823
	NO _x (tons)	152	776
	SO ₂ (tons)	61.7	290.4
DH Unit 2 (only)			
	PM _{FILT} (tons)	6	26
	Hg (lbs)	0.60	2.39

Regulatory

		Current Month	Calendar Year to Date
NERC			
Notice of Violations		0	2
Self Reports/Potential Violations		0	2

Personnel			
	Authorized Positions	Filled Positions	Current Vacancies
Administration	16.00	14.00	2.00
Business Services and GRUCom	3.00	2.00	1.00
Chief Operating Officer	18.00	16.00	2.00
Customer Support Services	117.25	115.00	2.25
Energy Delivery	263.00	242.00	21.00
Energy Supply	145.00	140.00	5.00
Energy Supply - District Energy	10.00	10.00	0.00
Finance	43.00	27.00	16.00
GRUCom	35.00	28.00	7.00
Information Technology	68.00	55.00	13.00
Water Wastewater	168.00	162.00	6.00
Grand Total	886.25	811.00	75.25

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 – days away & 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)
- 02/05/2018 While installing components on the roof, employee noticed something in his eye. He flushed with water and irritant seemed to go away. The following morning the eye was red and irritated. Employee was prescribed eye drops and returned to regular duty.
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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.
02/28/2018	A GRU Service truck towing a trailer/backhoe was northbound on Main Street. While stopped at the traffic light at North 23 rd Ave, the trailer was hit by a pick-up truck. No visible damage to our trailer, minimal damage to the front of the pick-up truck.

03/08/2018	While pulling out of a parking space, employee turned the truck too tight and the side of the truck scraped a bollard. (P)
04/11/2018	Employee in a GRU vehicle struck another vehicle while both were backing out of a parking spot adjacent to each other. (P)
05/03/2018	GRU vehicle and private vehicle made contact as the GRU vehicle merged into the travel lane. GRU's front left tire and private vehicles right rear door and fender well were the contact areas.
6/15/2018	While backing away from the plant maintenance building, employee turned the vehicle and scrapped the passenger side door and step against a fire hydrant.
6/29/2018	Employee drove near large concrete bollard, and turned to close to it, damaging the driver door and panel to the rear of the door.

CUSTOMER SUPPORT SERVICES

Customer Operations

New Services

Revenue Assurance

Customer Operations Metrics Summary June 2018

Active Accounts	Jun-18	YTD Gain/Loss	FY17
<i>Residential Contract Accounts</i>			
Total	90,583	481	90,102
Electric	84,045	351	83,694
Gas	33,394	271	33,123
Water	62,917	225	62,692
Wastewater	58,838	178	58,660
Telecomm	121	(16)	137

Active Accounts	Jun-18	YTD Gain/Loss	FY17
<i>Nonresidential Contract Accounts</i>			
Total	13,482	5	13,477
Electric	10,921	4	10,917
Gas	1,646	33	1,613
Water	5,873	(19)	5,892
Wastewater	4,641	(10)	4,651
Telecomm	361	8	353

New Installations	Jun-18	FY18 To Date	FY17
Electric	74	1169	1545
Gas	43	382	432
Water	49	440	525
Wastewater	46	431	530
Telecomm	8	75	223

Residential Disconnects	Jun-18	FY18 To Date	FY17
Volume	733	11,363	14,335
Average Balance	\$242.28	\$247.69	\$245.50

Call Center Volume	Jun-18	FY18 To Date	FY17
Residential ASA	0:08:39	0:10:36	0:07:23
Business ASA	0:03:37	0:04:18	0:03:43
Payment Arrangement ASA	0:08:37	0:07:41	0:04:58
CSR Calls	13,379	104,798	159,591
CSR Callbacks	1,641	17,420	19,673
IVR Self Service	19,803	201,672	283,147
Total	33,182	306,470	421,863
IVR/Total	60%	66%	67%

Revenue Assurance	Jun-18	FY18 To Date	FY17
Referred to Collections	\$130,077.43	\$1,338,604.96	\$2,214,584.97
Recovered	\$78,555.34	\$607,162.71	\$664,519.40

Service Orders	Jun-18	FY18 To Date	FY17
Move Ins	11,056	70,854	117,647
Move Outs	9,888	70,093	117,865

Bills Generated	Jun-18	FY18 To Date	FY17
Paper Bills	106,263	954,362	1,245,142
eBills	17,031	150,878	191,498
Total	123,294	1,105,240	1,436,640
eBill/Total	14%	14%	13%

Average Res Bill Amounts	Jun-18	FY18 To Date	FY17
Electric (kWh)	908	747	804
Electric (\$)	\$128.81	\$110.01	\$117.98
Gas (Therms)	11	25	16
Gas (\$)	\$23.44	\$38.27	\$28.81
Water (kGals)	5	5	5
Water (\$)	\$30.15	\$30.52	\$31.74
Wastewater (kGals)	5	5	5
Wastewater(\$)	\$35.62	\$37.35	\$38.08

Payment Arrangements	Jun-18	FY18 To Date	FY17
Total	3,812	74,701	95,142

7/9/2018 EPS

ENERGY DELIVERY

ELECTRIC T&D
SYSTEM RELIABILITY
GAS

ENERGY DELIVERY - UAB REPORT - JUNE 2018

JUNE 2018 BILLING SUMMARY

ELECTRIC SYSTEM	CONSUMPTION	CUSTOMERS
Feed-In-Tariff - Residential	44 KWH	100
Feed-In-Tariff - General Service	2,036 KWH	155
Electric - GS - Demand - Regular	52,353,631 KWH	1,186
Electric - General Service Demand PV	728,310 KWH	16
Electric - GS - Kanapaha w Curtail Cr	1,128,000 KWH	1
Electric - GS - Demand - Large Power	8,599,960 KWH	9
Electric - GS - Murphree Curtail Credit	1,473,600 KWH	1
Electric - GS Large Demand PV	4,065,600 KWH	2
Electric - GS - Non Demand	15,305,375 KWH	9,206
Electric - General Service PV	104,375 KWH	50
Electric - Lighting - Rental	981,621 KWH	4,171 <i>n</i>
Electric - Lighting - Street - City	779,722 KWH	14 <i>n</i>
Electric - Lighting - Street - County	295,343 KWH	2 <i>n</i>
Electric - Lighting - Traffic	4,542 KWH	2 <i>n</i>
Electric - Residential - Non TOU	72,617,335 KWH	82,219
Electric - Residential PV	205,311 KWH	293
Total Retail Electric (<i>n</i> =not included in total)	<u>158,644,805 KWH</u>	<u>93,238</u>
City of Alachua	12,851,000 KWH	26,782 KW
City of Winter Park	7,200,000 KWH	10,000 KW
Total (Native) Electric	178,695,805 KWH	
 GAS SYSTEM		
Gas - GS - Regular Service (Firm)	614,722 THM	1,250
Gas - GS - Regular Service (Small)	9,742 THM	236
Gas - GS - Interruptible - Regular Serv	59,791 THM	1
Gas - GS - Interruptible - Large Volume	359,035 THM	7
Gas - Residential - Regular Service	349,268 THM	33,136
Total Retail Gas	<u>1,392,558 THM</u>	<u>34,630</u>
Gas - GS - UF Cogeneration Plant	3,008,768 THM	1
Gas - Residential - LP - Basic Rate	2,266 GAL	199

ENERGY DELIVERY - UAB REPORT - June 2018

Durations Reliability Report Between 6/01/2018 and 6/30/2018

Excludes Extreme Weather and Generation/Transmission Disturbances

CUSTOMER DATA	RELIABILITY INDICIES	MONTHLY AVG GOAL
Monthly Average Customers Served(C)	97,317 Average Service Availability Index (ASAI)	99.9879%
Total Hours of Customer Demand	67,732,632 System Average Interruption Duration Index (SAIDI)	5.04 Mins 4.5 Mins
Total Number of Outages	100 Customer Average Interruption Duration Index (CAIDI)	38.22 55 Mins
Total Number of Customers Affected (CI)	12,837 System average Interruption Frequency Index (SAIFI)	0.13 0.08
Total Customer Minutes Interrupted (CMI)	490,684	
Total Customer "Out Minutes"	12,214 Average Length of a Service Interruption (L-Bar)	122.14

Outage Duration Times
 Average Hours: 2
 Maximum Hours: 7
 Minimum Hours: 0

Cause of Outages

Cause	Overhead	Underground	Undetermined	Total
1. Weather	12	6	6	24
1. Vegetation	23	1	4	28
1. Animals	4	2	0	6
1. Foreign Interference	0	0	0	0
1. Human Cause	2	4	0	6
1. Undetermined	2	2	1	5
1. Equipment Failure	8	19	4	31
1. All Remaining Outages	0	0	0	0
Total	51	34	15	100

Durations Reliability Report Between 10/01/2017 and 6/31/2018

Excludes Extreme Weather and Generation/Transmission Disturbances

CUSTOMER DATA	RELIABILITY INDICIES	FISCAL YTD GOALS
Monthly Average Customers Served(C)	97,317 Average Service Availability Index (ASAI)	99.9908%
Total Hours of Customer Demand	635,285,376 System Average Interruption Duration Index (SAIDI)	36.02 Mins 4.5 Mins
Total Number of Outages	562 Customer Average Interruption Duration Index (CAIDI)	38.41 Mins 55 Mins
Total Number of Customers Affected (CI)	91,257 System average Interruption Frequency Index (SAIFI)	0.94 0.08
Total Customer Minutes Interrupted (CMI)	3,505,472	
Total Customer "Out Minutes"	79,521 Average Length of a Service Interruption (L-Bar)	141.5

Outage Duration Times
 Average Hours: 2
 Maximum Hours: 17
 Minimum Hours: 0

Cause of Outages

Cause	Overhead	Underground	Undetermined	Total
1. Weather	44	11	12	67
1. Vegetation	139	10	31	180
1. Animals	52	9	7	68
1. Foreign Interference	0	0	0	0
1. Human Cause	15	18	9	42
1. Undetermined	21	7	4	32
1. Equipment Failure	46	89	37	172
1. All Remaining Outages	0	0	0	0
Total	317	144	100	561

ENERGY DELIVERY - UAB REPORT - JUNE 2018

Energy Delivery - Major Projects

Major Electric Design Projects

- > Public Works-SW 4th Ave (Roadway Project, OH to UG Conversion)
- > Public Works-SE 4th St. (Roadway Project, OH to UG Conversion)
- > CRS South Main Street (Roadway Project, OH To UG Conversion)
- > 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:

- > North Florida Women's Physician's-Main Ext. (1070')
- > SW 8th Ave & SW 61st St - Main Relocation for road work.
- > Chick-Fil-A- Archer Road- Main relocation (900')
- > Tower Road-SunTrust Trail- 6" Main Relocation due to road work- Finished
- > Celebration Point – SW 45th Pl – Gas Main Installation- as needed (9238') .

New Gas Services installed in June: 39 - New Customers

ENERGY SUPPLY

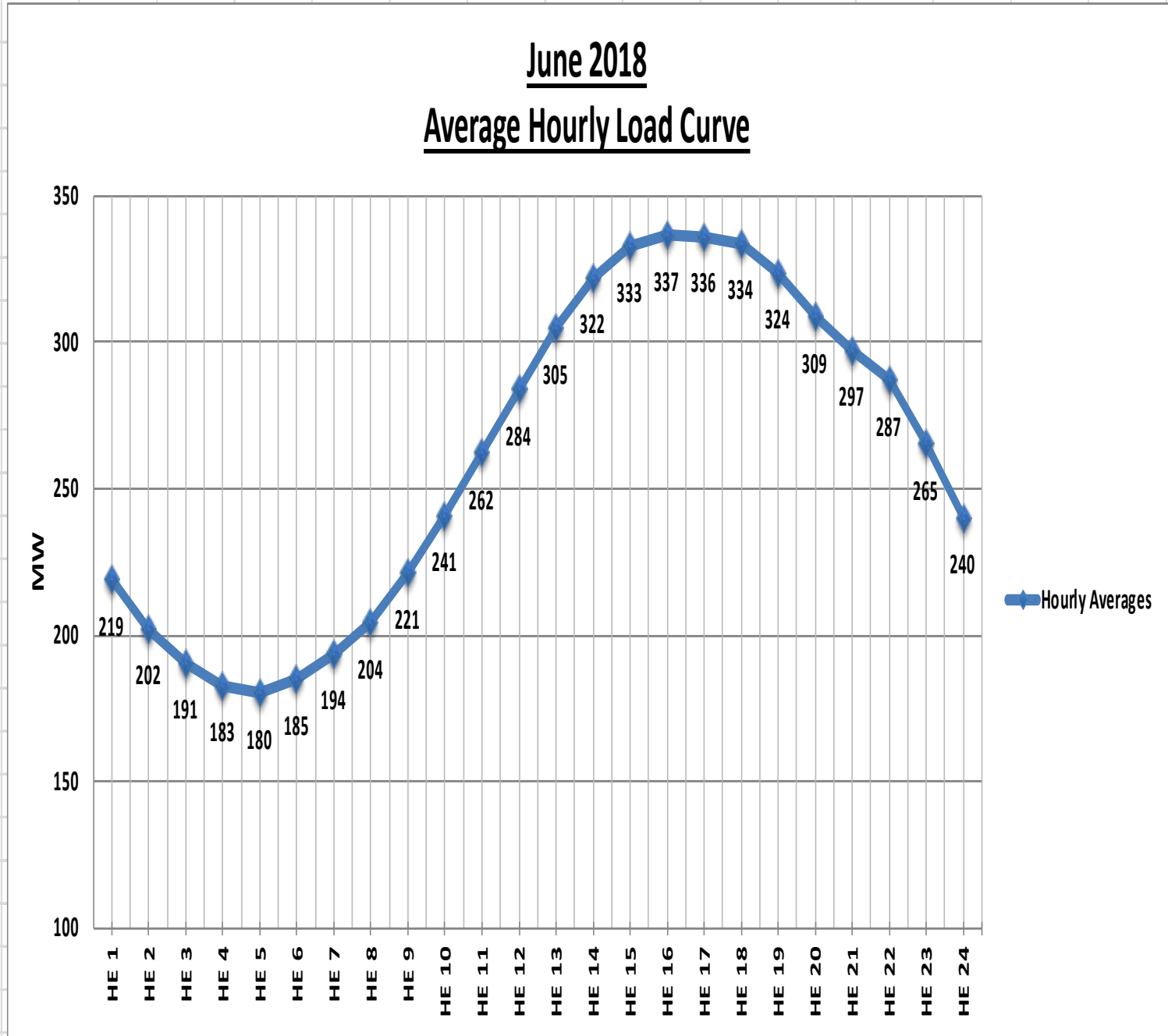
SYSTEM STATISTICS

ENERGY DISTRIBUTION

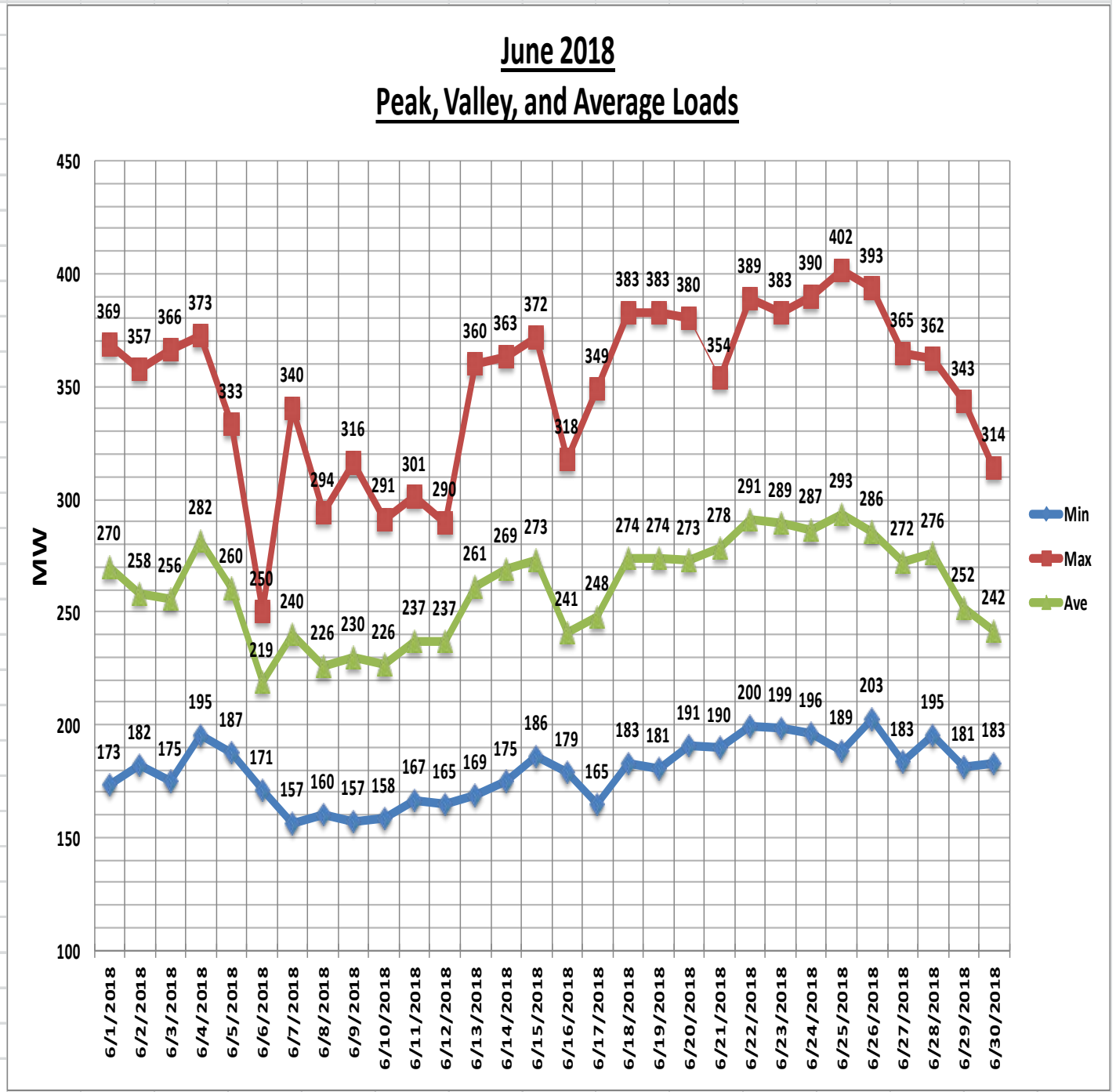
FUEL

June 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					
		Month	YTD	Budget YTD	Delta Budget
Source					
	DH-2	64,532	526,496	754,157	(227,661)
	DH-1	13,097	132,691	43,885	88,806
	Kelly CC	71,958	229,356	347,153	(117,797)
	CT's	-	2,526	389	2,137
	Grid	13,500	138,285	207,653	(69,368)
	DHR	53,617	414,063	172,731	241,332
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)				
Fuels Consumed					
		Month	FYTD	Budget YTD	Delta Budget
	Coal - Tons	22,764	196,767	396,286	(199,519)
	Gas - MCF	992,648	5,362,188	4,118,580	1,243,608
	Fuel oil - Gals	23,196	199,093	-	199,093
	Biomass - Tons	75,022	465,848	216,698	133,578

Hour Ending	Ave. Load
HE 1	219
HE 2	202
HE 3	191
HE 4	183
HE 5	180
HE 6	185
HE 7	194
HE 8	204
HE 9	221
HE 10	241
HE 11	262
HE 12	284
HE 13	305
HE 14	322
HE 15	333
HE 16	337
HE 17	336
HE 18	334
HE 19	324
HE 20	309
HE 21	297
HE 22	287
HE 23	265
HE 24	240



Date	Valley	Peak	Ave
6/1/2018	173	369	270
6/2/2018	182	357	258
6/3/2018	175	366	256
6/4/2018	195	373	282
6/5/2018	187	333	260
6/6/2018	171	250	219
6/7/2018	157	340	240
6/8/2018	160	294	226
6/9/2018	157	316	230
6/10/2018	158	291	226
6/11/2018	167	301	237
6/12/2018	165	290	237
6/13/2018	169	360	261
6/14/2018	175	316	269
6/15/2018	186	372	273
6/16/2018	179	318	241
6/17/2018	165	349	248
6/18/2018	183	383	274
6/19/2018	181	383	274
6/20/2018	191	380	273
6/21/2018	190	354	278
6/22/2018	200	389	291
6/23/2018	199	383	289
6/24/2018	196	390	287
6/25/2018	189	402	293
6/26/2018	203	393	286
6/27/2018	183	365	272
6/28/2018	195	362	276
6/29/2018	181	343	252
6/30/2018	183	314	242
7/1/2018	164	339	250



ENERGY SUPPLY

Major Projects/Milestones

June 2018

1. Deerhaven Unit #1 (DH1) Steam Chest Flange leak was repaired and unit restored to full service on June 9, 2018. Subsequent load testing set load limit at 78 MW.
2. Deerhaven Combustion Turbine #3 (CT3) is still in Major Inspection Outage. Current status is that the Turbine Torque Converter has a failed clutch assembly. The Original Equipment Manufacturer (OEM) of Voith out of Germany does not have any clutch assemblies for shipment or in US. Voith already shipped 12 assemblies by ship on July 2, 2018 with estimated arrival in US of July 18, 2018. In parallel we are diligently working with GE to identify other options besides current OEM shipping projection.
3. Deerhaven renewable has a small tear in an expansion joint in the back pass region. This is the area of the boiler with hot flue gas (estimated 400 degrees and 40 inches of water pressure). We are getting contractor estimates to patch or repair joint, as full replacement of the expansion joint will require an extensive lead time and outage duration. As soon as we have the quotes we evaluate options and will work a plan for a short duration outage to conduct these temporary repairs.

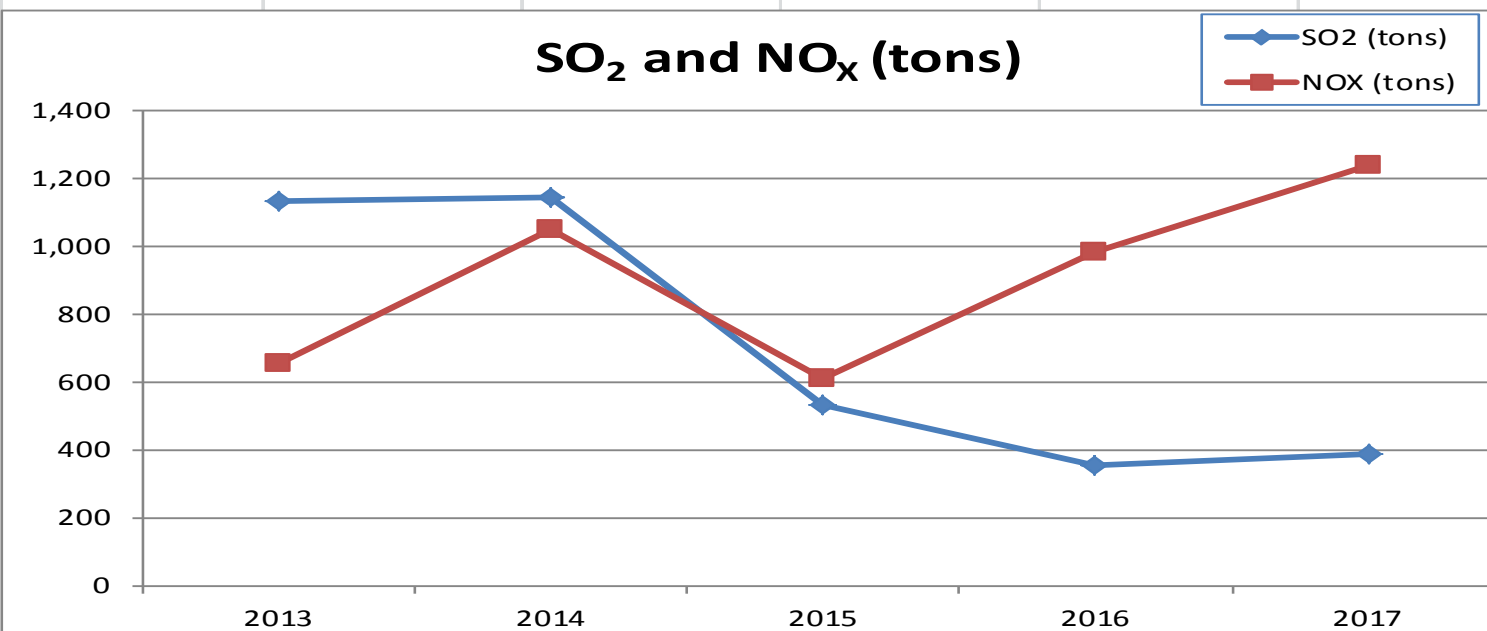
ENVIRONMENTAL PERMITTING

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	2.40	52	1,037,711

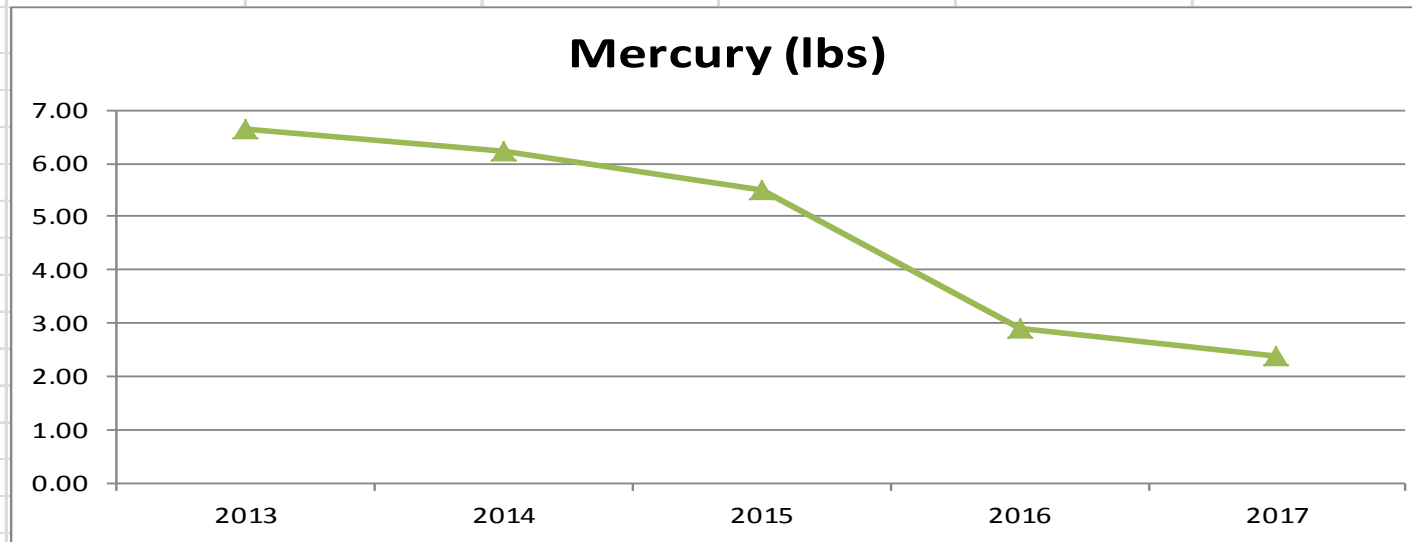
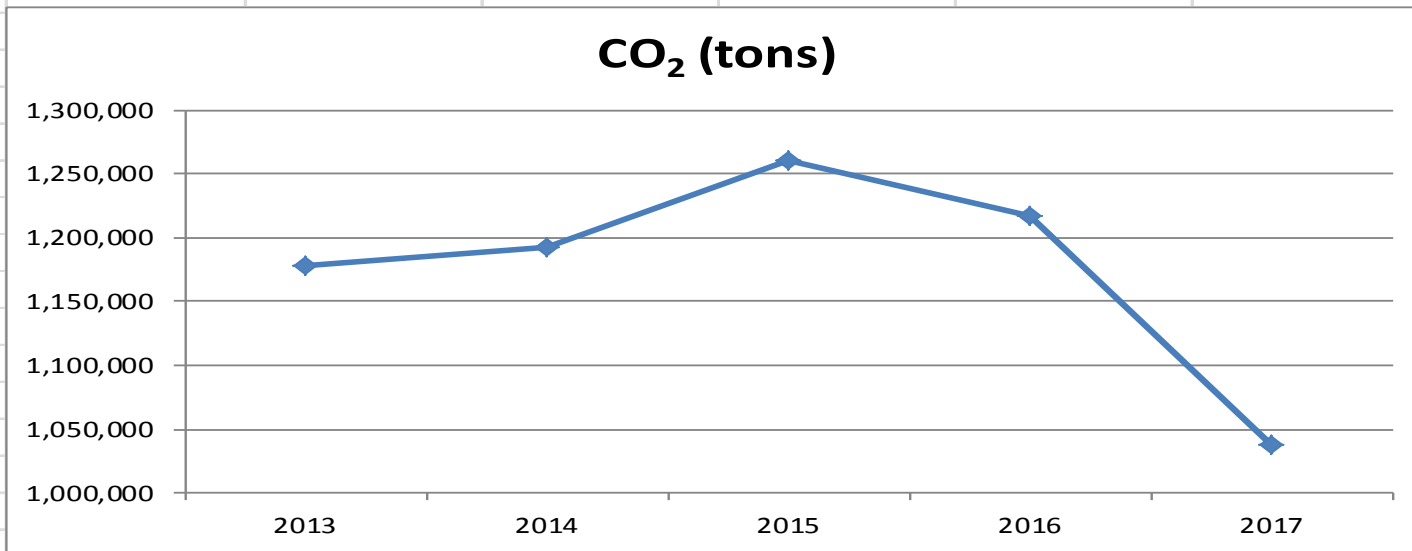
2017 Mercury values are for Unit 2 only.



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

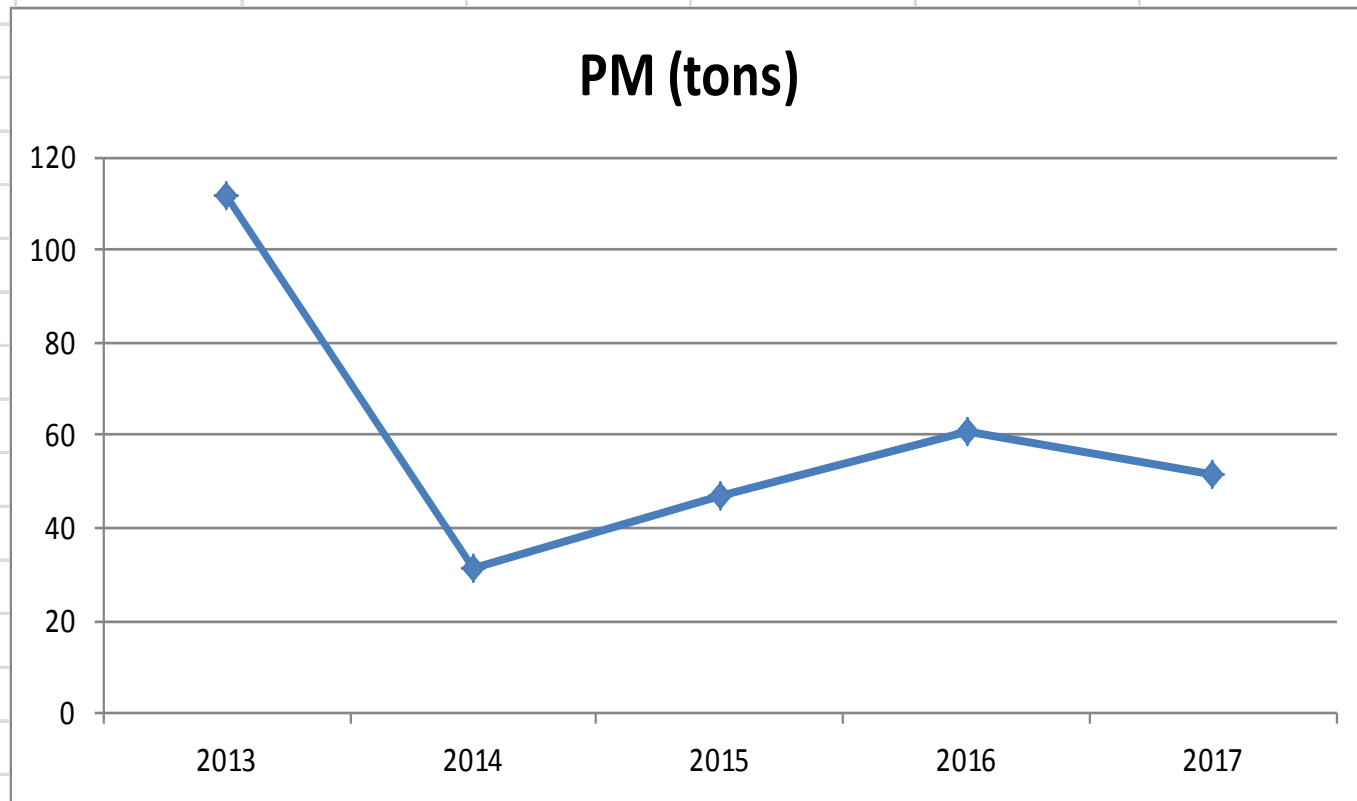
NO_x was higher in 2016 since it was more cost effective to use allowances than increase SCR removal rate. NO_x was higher in 2017 since the Cross State Rule was no longer in effect for Florida.

Yearly Emissions



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

Yearly Emissions



Mass Emissions - Last Year for 5 Years

		SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
June. 2014		142.0	123.0			129,299	1,374,313	130,627
June. 2015		58.2	35.8			104,989	1,200,991	127,712
June. 2016		50.1	91.8	0.5	1.8	130,585	1,620,546	166,634
June. 2017		44.2	152.1	0.4	5.1	127,801	1,639,384	166,727
June. 2018		61.7	152.2	0.6	5.6	123,260	1,551,926	163,977
		SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
June. 2014	DH1	0.0	2.3			2,027.0	34,119.0	3,116.0
	DH2	141.9	115.0			113,225.0	1,103,553.0	105,133.0
	DHCT3	0.0	0.1			337.9	5,949.0	410.0
	JRKCC1	0.1	5.6			13,709.3	230,692.0	21,968.0
	TOTAL	142.0	123.0	0.000	0.00	129,299.2	1,374,313.0	130,627.0
		SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
June. 2015	DH1	0.0	0.0			5.7	94.0	0.0
	DH2	58.1	28.3			80,308.0	785,694.0	81,503.0
	DHCT3	0.0	0.3			2,230.3	37,528.0	2,765.0
	JRKCC1	0.1	7.2			22,445.0	377,675.0	43,444.0
	TOTAL	58.2	35.8	0.000	0.00	104,989.0	1,200,991.0	127,712.0
		SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
June. 2016	DH1	0.1	17.1			14,215.5	239,166.0	20,694.0
	DH2	49.8	66.1	0.46	1.79	81,583.0	796,015.0	75,358.0
	DHCT3	0.0	0.3			1,495.7	25,174.0	1,984.0
	JRKCC1	0.2	8.3			33,290.3	560,191.0	68,598.0
	TOTAL	50.1	91.8	0.458	1.79	130,584.5	1,620,546.0	166,634.0
		SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
June. 2017	DH1	0.1	15.4			14,656.5	246,637.0	19,407.0
	DH2	43.9	129.3	0.445	5.112	74,030.3	734,567.0	74,030.3
	DHCT3	0.0	0.0			70.8	1,192.0	74.0
	JRKCC1	0.2	7.4			39,043.8	656,988.0	73,216.0
	TOTAL	44.2	152.1	0.445	5.11	127,801.4	1,639,384.0	166,727.3
		SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
June. 2018	DH1	6.2	13.3			11,634.8	194,522.0	15,274.0
	DH2	55.3	131.0	0.611	5.560	73,573.4	717,103.0	76,713.0
	DHCT3	0.0	0.0			0.0	0.0	0.0
	JRKCC1	0.2	7.9			38,051.8	640,301.0	71,990.0
	TOTAL	61.7	152.2	0.611	5.6	123,260.0	1,551,926.0	163,977.0

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)
June. 2014	DH1	0.00000	1.47625			0.65051	34,119.0	3,116.0
	DH2	2.69944	2.18771			1.07697	1,103,553.0	105,133.0
	DHCT3	0.00000	0.48780			0.82415	5,949.0	410.0
	JRKCC1	0.00910	0.50983			0.62406	230,692.0	21,968.0
		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)
June. 2015	DH1	0.00000	0.00000			0.00000	94.0	0.0
	DH2	1.42571	0.69445			0.98534	785,694.0	81,503.0
	DHCT3	0.00000	0.21700			0.80662	37,528.0	2,765.0
	JRKCC1	0.00460	0.33146			0.51664	377,675.0	43,444.0
		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)
June. 2016	DH1	0.00966	1.65265			0.68694	239,166.0	20,694.0
	DH2	1.32169	1.75429			1.08261	796,015.0	75,358.0
	DHCT3	0.00000	0.30242			0.75388	25,174.0	1,984.0
	JRKCC1	0.00583	0.24199			0.48530	560,191.0	68,598.0
		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)
June. 2017	DH1	0.01031	1.58706			0.75522	246,637.0	19,407.0
	DH2	1.18600	3.49316	0.000006	0.138	1.00000	734,567.0	74,030.3
	DHCT3	0.00000	0.00000			0.95676	1,192.0	74.0
	JRKCC1	0.00546	0.20214			0.53327	656,988.0	73,216.0
		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)
June. 2018	DH1	0.81184	1.74152			0.76174	194,522.0	15,274.0
	DH2	1.44174	3.41533	0.000008	0.145	0.95907	717,103.0	76,713.0
	DHCT3	0.00000	0.00000			0.00000	0.0	0.0
	JRKCC1	0.00556	0.21947			0.52857	640,301.0	71,990.0

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	10.0	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	0.000	0.3	6,354.0	0.0420	106,907.0	7,787.0	
JRKCC1	1.5	61.0	NA	15.0	268,577.1	0.0270	4,519,338.0	558,627.0	
TOTAL	388.5	1,238.7	2.400	51.5	1,033,992.1	0.543	13,213,455.0	1,405,509.0	
2017 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	0.08295	0.69539				
DH2	1.26761	3.31887	0.00000401	0.08746	0.98899				
DHCT3	0.00000	0.57660	0.00000000	0.07705	0.81598				
JRKCC1	0.00537	0.21843	NA	0.05370	0.481				

2018 (Jan.-June.)

	SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	SO ₂ Rate (lb/MMBtu)	NO _x Rate (lb/MMBtu)	HTIP (MMBtu)	GEN (MW-hours)
DH1	20.2	80.7			64,785.1			1,084,072.0	90,691.0
DH2	269.7	670.2	2.4	25.9	383,622.2			3,743,258.0	409,325.0
DHCT3	0.0	0.5			682.9			11,488.0	807.0
JRKCC1	0.5	24.3			106,732.8			1,796,012.0	205,452.0
TOTAL	290.4	775.7	2.387	25.9	555,823.0			6,634,830.0	706,275.0

2018 (Jan-June.) - Emissions per MWh

	SO₂ lbs/MW-hr	NO_x lbs/MW-hr	Mercury (lbs)	PM (lbs)	CO₂ tons/MW-hr	SO ₂ Rate (lb/MMBtu)	NO _x Rate (lb/MMBtu)	HTIP (MMBtu)	GEN (MW-hours)
DH1	0.44547	1.77967			0.71435			1,084,072.0	90,691.0
DH2	1.31778	3.27466	0.000006	0.12664	0.93721			3,743,258.0	409,325.0
DHCT3	0.00000	1.23916			0.84622			11,488.0	807.0
JRKCC1	0.00487	0.23655			0.51950			1,796,012.0	205,452.0

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)	CO2 (short tons)	Heat Input (MMBtu)
FL	Gainesville Renewable Energy Center	57241	BFB1		2017	1-4	ARP	10.7	0.0632	180.8	600690	5759329

Deerhaven Renewable 2018 Emissions Quarter 1-4, January-December 2018

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		2018	1	ARP	4.34	0.0829	96.3	252438	2415604
FL	Gainesville Renewable Energy Center	57241	BFB1		2018	2	ARP					
FL	Gainesville Renewable Energy Center	57241	BFB1		2018	3	ARP					
FL	Gainesville Renewable Energy Center	57241	BFB1		2018	4	ARP					

LEGAL FEES

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	3/1/18-3/31/18	4/1/18-4/30/18	5/1/18-5/31/18	6/1/18-6/30/18	Total Legal Costs
1000963 HOPPING GREEN & SAMS	\$ 4,921.50	\$ 5,975.75	\$ 11,806.00	\$ 4,419.50	\$ 3,386.50	\$ 3,357.00		\$ 5,158.38		\$ 39,024.63
										\$ -
1001111 ORRICK HERRINGTON	\$ 8,129.89		\$ 5,745.96	\$ -	\$ -	\$ -		\$ -		\$ 13,875.85
										\$ -
1001204 HOLLAND & KNIGHT	\$ -	\$ 520,000.00	\$ 43,618.72	\$ -	\$ -	\$ 3,352.53		\$ 17,397.01	\$ 15,332.23	\$ 599,700.49
										\$ -
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	\$ -	\$ -	\$ -	\$ -	\$ -		\$ 227.50		\$ 1,137.50
										\$ -
1000955 AKERMAN SENTERFITT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ 1,292.39	\$ 5,671.00	\$ 6,963.39
										\$ -
1005256 KUTAK ROCK	\$ -	\$ 70,000.00	\$ -	\$ -	\$ -	\$ -		\$ -		\$ 70,000.00
										\$ -
1005641 McGuireswoods LLP	\$ -	\$ -	\$ -	\$ 20,347.98	\$ -	\$ -		\$ -		\$ 20,347.98
										\$ -
1005293 Thompson Hine LLP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,725.00		\$ -		\$ 2,725.00
										\$ -
	\$ 152,777.22	\$ 833,773.63	\$ 1,222,916.19	\$ 24,767.48	\$ 3,386.50	\$ 9,434.53	\$ -	\$ 24,075.28	\$ 21,003.23	\$ 2,292,134.06

WATER/WASTEWATER

Production

Maintenance

Projects

Water/Wastewater June Dashboard

Production

Murphree Water Treatment Plant

		June 2018	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	22.3	22.5	30	75%	
	Peak Daily Flow	24.1	25.7	54	-	

Main Street Water Reclamation Facility

		June 2018	FY to Date (mgd)	Permitted Capacity (mgd)		Status
	Average Daily Flow	7.8	6.3	7.5		

Kanapaha Water Reclamation Facility

		June 2018	FY to Date (mgd)	Permitted Capacity (mgd)		Status
	Average Daily Flow	14.6	12.5	14.9		

Water Reclamation Facilities (Combined)

		June 2018	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	22.4	18.8	22.4	84%	

Maintenance

Wastewater Collections

		June 2018 (Miles)	FYTD	Monthly Goal (miles)	
	Miles of gravity mains cleaned	4.1	56.7	7.5	
	Miles of gravity mains TV inspected	2.5	43.4	5.0	

Water Distribution & Wastewater Collections

		June 2018	FYTD	
	Work orders, service orders completed	1,051	9,970	

SSO Monthly Summary

		June	YTD	GOAL	
	Sanitary Sewer Overflows	5	20	<16	

Water/Wastewater By the Numbers

Water/Wastewater Systems serves 189,000 people by operating and maintaining the following:

1	water treatment plant serving the community @ a daily rated peak of 54mgd		
16	water supply wells		
19.5	million gallons of water storage capacity, comprised of pumped ground storage and elevated tanks		
1,170	miles of water distribution mains		
24,260	water valves		
5,800	fire hydrants		
2	water reclamation facilities (wastewater treatment plants) w/ a combined treatment capacity of 22.4 mgd AADF		
813	miles of wastewater collection mains; 660 miles of GM and 153 miles of FM		
170	lift stations pumping wastewater		
28	reclaimed water mains		
15,447	manholes		