

STATE OF THE UTILITY

Item #170984

OPERATIONS SUMMARY

CORPORATE SAFETY

ENVIRONMENTAL

REGULATORY

PERSONNEL

March 2018						
Safety			Employees			
	Current Month			Year to Date		
	First Aid	Recordable	DART	First Aid	Recordable	DART
Administration	0	0	0	1	0	0
W/WW Systems	0	0	0	1	1	0
Energy Supply	0	0	0	0	3	0
Energy Delivery - Electric/Gas	0	0	0	3	3	2
GRUCom	0	0	0	0	0	0
Totals		0			7	
	Vehicles			Year to Date		
	Miles Driven	Recordable	Preventable	Miles Driven	Recordable	Preventable
Administration	14,982	0	0	86,921	0	0
W/WW Systems	76,410	0	0	460,837	5	2
Energy Supply	4,349	0	0	60,551	1	1
Energy Delivery - Electric/Gas	104,822	1	1	639,645	5	3
GRUCom	9,529	0	0	51,931	0	0
Totals	210,092	1		1,299,885	11	
Environmental						
	Current Month		Calendar Year to Date			
Notices of Violation	0		0			
Emissions						
DH1, DH2, DHCT3, JRKCC1						
	CO₂ (tons)	83,686		252,334		
	NO_x (tons)	129		358		
	SO₂ (tons)	40.1		151.1		
DH Unit 2 (only)						
	PM_{FLT} (tons)	4		10		
	Hg (lbs)	0.40		0.82		
Regulatory						
	Current Month		Calendar Year to Date			
NERC						
Notice of Violations	0		2			
Self Reports/Potential Violations	0		1			

Personnel			
	Sum of AUTHORIZED_FT	Sum of FILLED_FT	Sum of VACANCY
Administration	16	15	1
Business Services and GRUCom	3	2	1
Chief Operating Officer	18	16	2
Customer Support Services	117.25	109	8.25
Energy Delivery	263	238	25
Energy Supply	145	139	6
Energy Supply - District Energy	10	10	0
Finance	43	27	16
GRUCom	35	29	6
Information Technology	68	57	11
Water Wastewater	168	159	9
Grand Total	886.25	801	85.25

CUSTOMER SUPPORT SERVICES

Customer Operations

New Services

Revenue Assurance

Customer Operations Metrics Summary March 2018

Active Accounts	Mar-18	YTD Gain/Loss	FY17
<i>Residential Contract Accounts</i>			
Total	90,229	127	90,102
Electric	83,731	37	83,694
Gas	33,380	257	33,123
Water	62,783	91	62,692
Wastewater	58,719	59	58,660
Telecomm	123	(14)	137

Active Accounts	Mar-18	YTD Gain/Loss	FY17
<i>Nonresidential Contract Accounts</i>			
Total	13,466	(11)	13,477
Electric	10,918	1	10,917
Gas	1,645	32	1,613
Water	5,881	(11)	5,892
Wastewater	4,646	(5)	4,651
Telecomm	357	4	353

New Installations	Mar-18	FY18 To Date	FY17
Electric	113	628	1545
Gas	56	238	432
Water	61	284	525
Wastewater	70	281	530
Telecomm	10	56	223

Residential Disconnects	Mar-18	FY18 To Date	FY17
Volume	1,293	8,179	14,335
Average Balance	\$261.97	\$253.40	\$245.50

Call Center Volume	Mar-18	FY18 To Date	FY17
Residential ASA	0:12:52	0:11:33	0:07:23
Business ASA	0:04:47	0:04:06	0:03:43
Payment Arrangement ASA	0:08:35	0:08:03	0:04:58
CSR Calls	11,776	65,681	159,591
CSR Callbacks	1,931	12,770	19,673
IVR Self Service	22,990	139,646	283,147
Total	34,766	205,327	421,863
IVR/Total	66%	68%	67%

Revenue Assurance	Mar-18	FY18 To Date	FY17
Referred to Collections	\$156,658.06	\$943,031.56	\$2,214,584.97
Recovered	\$86,002.76	\$415,878.77	\$664,519.40

Service Orders	Mar-18	FY18 To Date	FY17
Move Ins	8,281	43,865	117,647
Move Outs	7,066	43,033	117,865

Bills Generated	Mar-18	FY18 To Date	FY17
Paper Bills	114,204	640,804	1,245,142
eBills	18,391	100,048	191,498
Total	132,595	740,852	1,436,640
eBill/Total	14%	14%	13%

Average Res Bill Amounts	Mar-18	FY18 To Date	FY17
Electric (kWh)	602	750	804
Electric (\$)	\$88.46	\$111.73	\$117.98
Gas (Therms)	20	30	16
Gas (\$)	\$32.91	\$43.30	\$28.81
Water (kGals)	5	5	5
Water (\$)	\$28.97	\$30.29	\$31.74
Wastewater (kGals)	4	5	5
Wastewater(\$)	\$32.53	\$37.71	\$38.08

Payment Arrangements	Mar-18	FY18 To Date	FY17
Total	7,576	52,326	95,142

ENERGY DELIVERY

ELECTRIC T&D
SYSTEM RELIABILITY
GAS

ENERGY DELIVERY - UAB REPORT - MARCH 2018

Durations Reliability Report Between 3/01/2018 and 3/31/2018

Excludes Extreme Weather and Generation/Transmission Disturbances

CUSTOMER DATA	RELIABILITY INDICIES		MONTHLY AVG GOAL
Monthly Average Customers Served(C)	96,819	Average Service Availability Index (ASAI)	99.9762%
Total Hours of Customer Demand	69,709,680	System Average Interruption Duration Index (SAIDI)	10.28 Mins. 4.5 Mins
Total Number of Outages	89	Customer Average Interruption Duration Index (CAIDI)	49.78 Mins 55 Mins
Total Number of Customers Affected (CI)	19,991	System average Interruption Frequency Index (SAIFI)	0.21 0.08
Total Customer Minutes Interrupted (CMI)	995,135		
Total Customer "Out Minutes"	20,863	Average Length of a Service Interruption (L-Bar)	234.42 Mins

Outage Duration Times

Average Hours: 3
Maximum Hours: 17
Minimum Hours: 0

Cause of Outages

Cause	Overhead	Underground	Undetermined	Total
1. Weather	24	4	2	30
1. Vegetation	20	2	7	29
1. Animals	5	0	0	5
1. Foreign Interference	0	0	0	0
1. Human Cause	2	2	1	5
1. Undetermined	5	1	1	7
1. Equipment Failure	4	7	2	13
1. All Remaining Outages	0	0	0	0
Total	60	16	13	89

Durations Reliability Report Between 10/01/2017 and 3/31/2018

Excludes Extreme Weather and Generation/Transmission Disturbances

CUSTOMER DATA	RELIABILITY INDICIES		FISCAL YTD GOALS
Monthly Average Customers Served(C)	96,819	Average Service Availability Index (ASAI)	99.9922%
Total Hours of Customer Demand	420,581,736	System Average Interruption Duration Index (SAIDI)	20.22 Mins 27 Mins
Total Number of Outages	305	Customer Average Interruption Duration Index (CAIDI)	42.02 Mins 55 Mins
Total Number of Customers Affected (CI)	46,576	System average Interruption Frequency Index (SAIFI)	0.48 0.32
Total Customer Minutes Interrupted (CMI)	1,957,199		
Total Customer "Out Minutes"	46,000	Average Length of a Service Interruption (L-Bar)	150.82 Mins

Outage Duration Times

Average Hours: 2
Maximum Hours: 17
Minimum Hours: 0

Cause of Outages

Cause	Overhead	Underground	Undetermined	Total
1. Weather	25	4	5	34
1. Vegetation	74	6	15	95
1. Animals	31	7	0	38
1. Foreign Interference	0	0	0	0
1. Human Cause	10	8	6	24
1. Undetermined	15	5	3	23
1. Equipment Failure	23	45	23	91
1. All Remaining Outages	0	0	0	0
Total	178	75	52	305

ENERGY DELIVERY - UAB REPORT - MARCH 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.) - finished
- > Greenhouse Church NW 39th Ave. – gas main Installation (1600' and cross 39th Ave.) - finished
- > Tower Rd. (Sun Trail Project) - relocating 6" steel gas main in two locations - finished
- > Aloft Hotel - Hull Rd - gas main installation (1400') - coordinate FGT crossing
- > Celebration Point – SW 45th Pl – gas main installation as needed (9238').

New Gas Services installed in March: 36 - New Customer work/Not replacement work

ENERGY DELIVERY - UAB REPORT - MARCH 2018

Electric System Consumption

ELECTRIC SYSTEM	CONSUMPTION	CUSTOMERS
Feed-In-Tariff - Residential	52 KWH	101
Feed-In-Tariff - General Service	2,356 KWH	157
Electric - GS - Demand - Regular	41,939,981 KWH	1,243
Electric - General Service Demand PV	640,032 KWH	16
Electric - GS - Kanapaha w Curtail Cr	993,600 KWH	1
Electric - GS - Demand - Large Power	6,982,520 KWH	8
Electric - GS - Murphree Curtail Credit	1,276,800 KWH	1
Electric - GS Large Demand PV	3,345,600 KWH	2
Electric - GS - Non Demand	12,013,309 KWH	9,662
Electric - General Service PV	81,826 KWH	57
Electric - Lighting - Rental	1,023,777 KWH	4,360 <i>n</i>
Electric - Lighting - Street - City	783,374 KWH	14 <i>n</i>
Electric - Lighting - Street - County	547,015 KWH	2 <i>n</i>
Electric - Lighting - Traffic	4,542 KWH	2 <i>n</i>
Electric - Residential - Non TOU	49,570,600 KWH	85,043
Electric - Residential PV	105,913 KWH	268
Total Retail Electric (<i>n</i> =not included in total)	<u>119,311,297 KWH</u>	<u>96,559</u>
City of Alachua	9,383,000 KWH	21,374 KW
City of Winter Park	7,440,000 KWH	10,000 KW
Total (Native) Electric	136,134,297 KWH	

Gas System Consumption

GAS SYSTEM		
Gas - GS - Regular Service (Firm)	772,517 THM	1,401
Gas - GS - Regular Service (Small)	13,351 THM	258
Gas - GS - Interruptible - Regular Serv	49,050 THM	1
Gas - GS - Interruptible - Large Volume	455,374 THM	7
Gas - Residential - Regular Service	634,515 THM	33,526
Total Retail Gas	<u>1,924,807 THM</u>	<u>35,193</u>
Gas - GS - UF Cogeneration Plant	3,110,666 THM	1
Gas - Residential - LP - Basic Rate	4,122 GAL	198

ENERGY SUPPLY

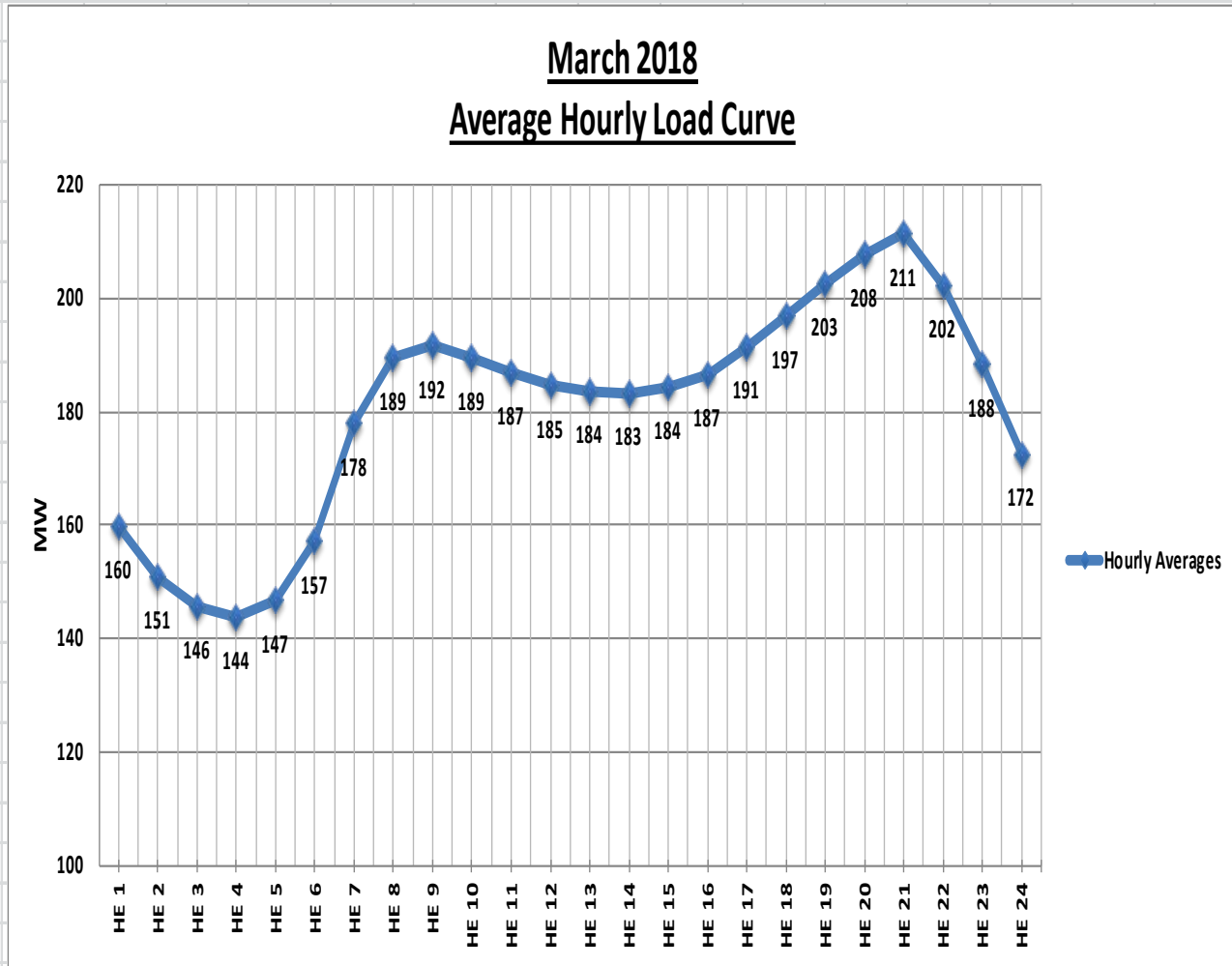
SYSTEM STATISTICS

ENERGY DISTRIBUTION

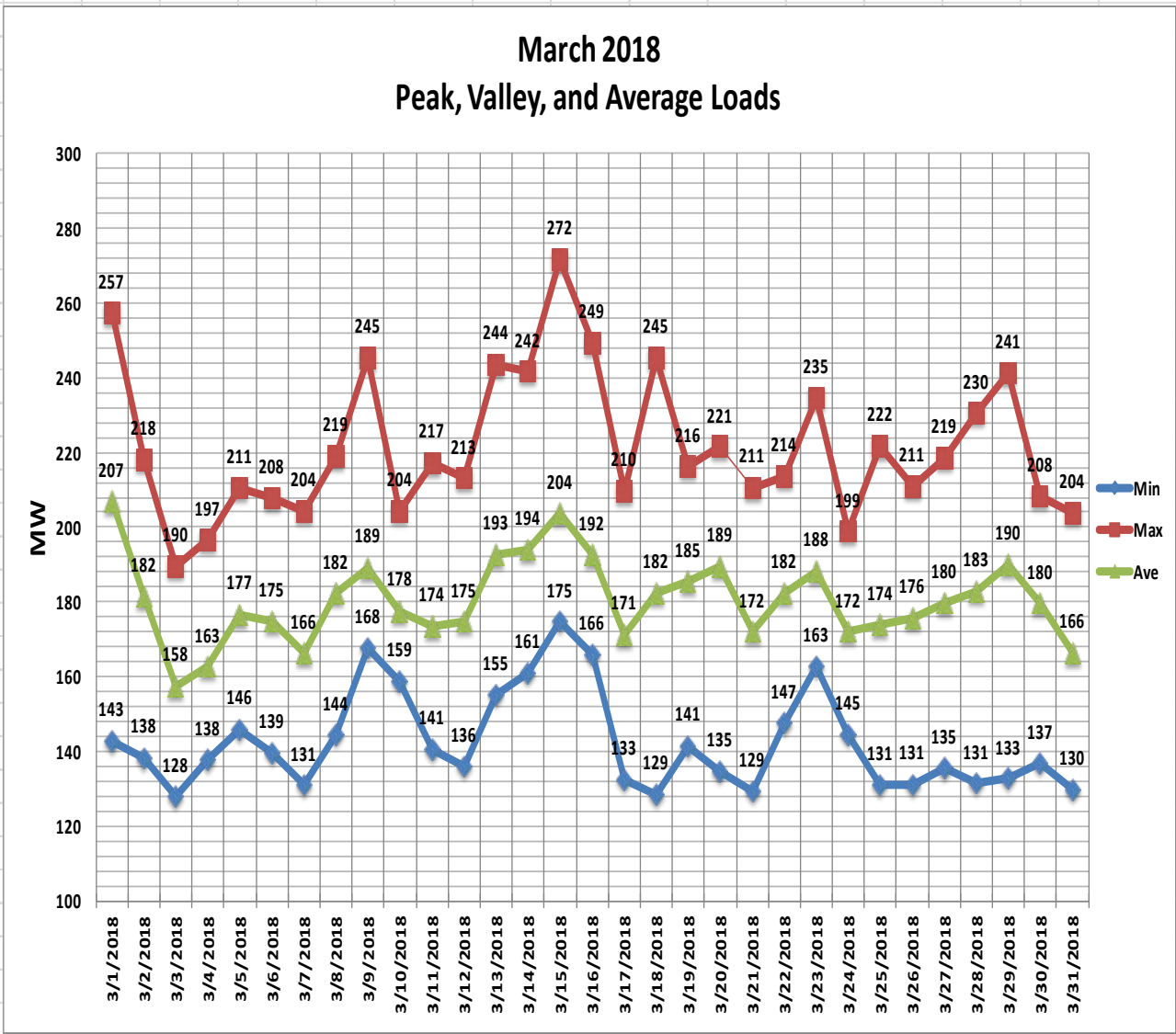
FUEL

March 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	60,470	343,576	327,389	16,187
	DH-1	11,268	99,099	28,871	70,228
	Kelly CC	14,727	91,976	240,287	(148,311)
	CT's	108	2,526	217	2,309
	Grid	12,400	114,285	135,301	(21,016)
	DHR	38,745	296,643	145,601	151,042
Average Energy Distribution Curve					
Curve 1 is the hourly distribution of load averages over the month (ES2)					
Curve 2 is peak load per day (ES3)					
Fuel Consumed					
		Month	YTD	Budget YTD	Delta Budget
	Coal - Tons	21,986	131,483	279,465	(147,982)
	Gas-MCF	504,118	3,140,858	2,010,759	1,130,099
	Fuel oil - Gal	10,664	171,217	-	171,217
	Wood - Tons	52,227	295,839	298,168	(2,329)

Hour Ending	Ave. Load
HE 1	160
HE 2	151
HE 3	146
HE 4	144
HE 5	147
HE 6	157
HE 7	178
HE 8	189
HE 9	192
HE 10	189
HE 11	187
HE 12	185
HE 13	184
HE 14	183
HE 15	184
HE 16	187
HE 17	191
HE 18	197
HE 19	203
HE 20	208
HE 21	211
HE 22	202
HE 23	188
HE 24	172



Date	Valley	Peak	Ave
3/1/2018	143	257	207
3/2/2018	138	218	182
3/3/2018	128	190	158
3/4/2018	138	197	163
3/5/2018	146	211	177
3/6/2018	139	208	175
3/7/2018	131	204	166
3/8/2018	144	219	182
3/9/2018	168	245	189
3/10/2018	159	204	178
3/11/2018	141	217	174
3/12/2018	136	213	175
3/13/2018	155	244	193
3/14/2018	161	242	194
3/15/2018	175	272	204
3/16/2018	166	249	192
3/17/2018	133	210	171
3/18/2018	129	245	182
3/19/2018	141	216	185
3/20/2018	135	221	189
3/21/2018	129	211	172
3/22/2018	147	214	182
3/23/2018	163	235	188
3/24/2018	145	199	172
3/25/2018	131	222	174
3/26/2018	131	211	176
3/27/2018	135	219	180
3/28/2018	131	230	183
3/29/2018	133	241	190
3/30/2018	137	208	180
3/31/2018	130	204	166



Major Energy Supply Projects/Milestones

As of 4/5/2018

1. For Kelly Plant Generation Station:
 - a. On CT4 we are working with the Original Equipment Manufacturer (OEM) GE to further determine underlying causes of tuning issues following last Hot Gas Path Inspection on the Combustion Turbine. Their original fishbone analysis provided was very generic and not specific for our needs.
 - b. With Unit #8 Steam Chest estimated useful life of 2022 projection by OEM Siemens Engineering is working 2 options to keeping Kelly Combined Cycle in service beyond this date:
 - i. Option 1 is an upgrade top both the High Pressure and Low Pressure Turbines that will also result in new steam chest. This option will also have an improved steam flow path, which will mean more MW with no additional fuel, as well as in improvement in heat rate (efficiency).
 - ii. Working on Request for Information (RFI) on options to replace entire turbine train and generator.
2. For South Energy Center Phase 2 project the only current outstanding item is a possible addition of a 3 MW Emergency Diesel Generator for UF Health Data Center and essential load scenarios for Cancer, Cardiovascular, and Nero medicine towers. This decision goes to UF Health Board of Directors in April/May time frame. GRU has done some research and rough estimates on this option.
3. DHR
 - a. Successful tuning between staff and OEM Valmet has the unit able to operate down to 35 MW continuously if needed. This is remarkable without any capital improvements. Additional tuning is planned post planned outage.
 - b. Has had 2 reliability issues this last month:
 - i. The first issue was a turbine trip due to a faulty sensor that also identified a packing leak on the turbine throttle valve. Once this was repaired we subsequently discovered a seat to disc leak on the Emergency Stop Valve (ESV) that required complete rebuild. Unit was off for 6 days on this event.
 - ii. Plant experienced an excessive loss of condenser vacuum on 4/2/2018 that has had the unit off line since. We have found numerous small leaks without detection equipment, but this has not fully resolved the issue. We are in the process of making preparation to rebuild the air ejectors. Hope to test post repairs on 4/6/2018.
 - c. Their panned outage starts 4/7/2018 and will run for 2 weeks.
4. Deerhaven Combustion Turbine #3 (CT3):
 - a. Major inspection is in progress, with only significant discovery work of re-wedging required of the generator stator. This work is in progress and will not impact outage schedule.

ENVIRONMENTAL PERMITTING

EMISSIONS DATA

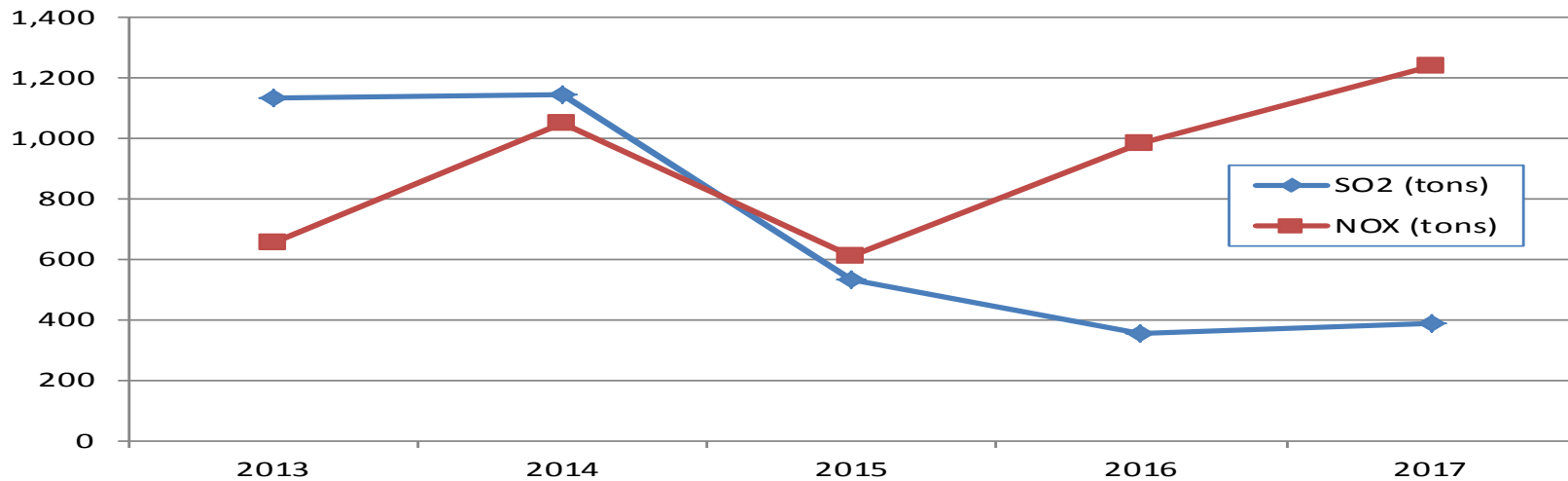
Yearly Emissions

	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

2016 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)

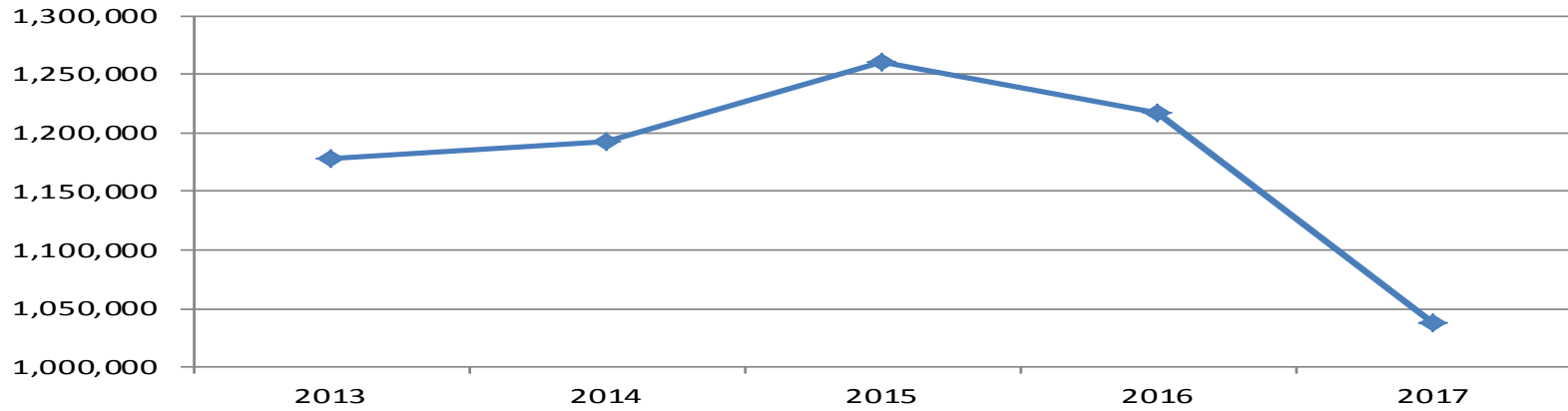


SO₂ was lower in 2015 and 2016 due to higher removal rate settings to assure compliance with the MATS Rule.

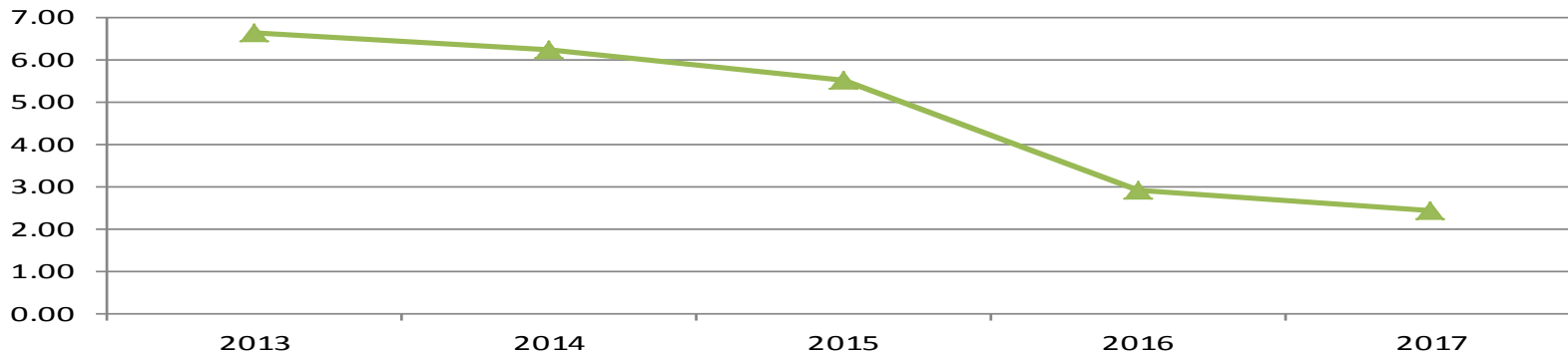
NO_x was higher in 2016 since it was more cost effective to use allowances than increase SCR removal rate.

Yearly Emissions

CO₂ (tons)



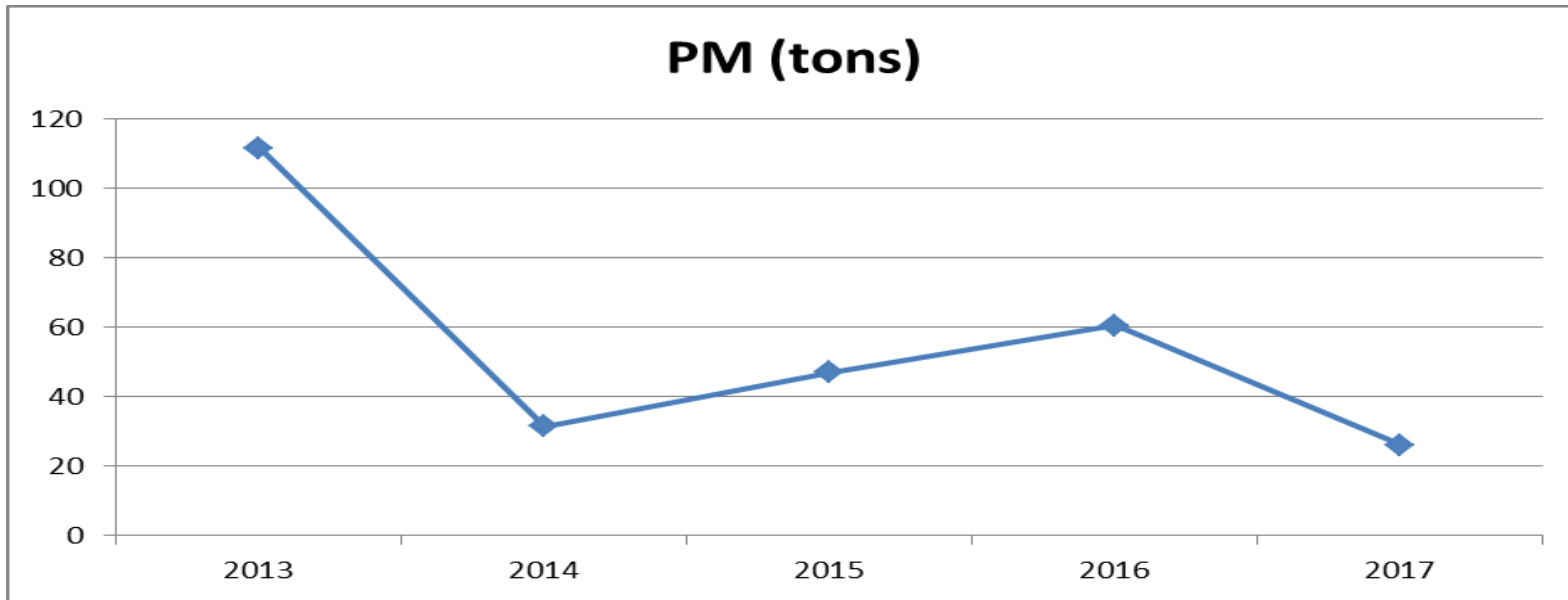
Mercury (lbs)



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



*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)
Mar. 2014		168.6	121.8			105,937	1,053,689	107,324
Mar. 2015		33.9	53.9			97,066	947,208	103,468
Mar. 2016		22.6	103.9	0.3	2.8	94,831	1,191,312	137,236
Mar. 2017		0.2	23.2	0.0	0.0	38,564	648,940	68,731
Mar. 2018		40.1	128.7	0.4	3.8	83,686	938,925	99,535

		SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
Mar. 2014	DH1	0.0	3.6			2,647.3	44,545.0	4,086.0
	DH2	168.3	118.1			103,177.3	1,007,447.0	103,122.0
	DHCT3	0.3	0.1			111.9	1,697.0	116.0
	JRKCC1	0.0	0.0			0.0	0.0	0.0
	TOTAL	168.6	121.8	0.000	0.00	105,936.5	1,053,689.0	107,324.0

		SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
Mar. 2015	DH1	0.0	0.0			0.0	0.0	0.0
	DH2	33.9	53.9			96,905.4	944,504.0	103,256.0
	DHCT3	0.0	0.0			0.0	0.0	0.0
	JRKCC1	0.0	0.0			160.8	2,704.0	212.0
	TOTAL	33.9	53.9	0.000	0.00	97,066.2	947,208.0	103,468.0

		SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
Mar. 2016	DH1	0.0	0.0			0.0	0.0	0.0
	DH2	22.4	96.8	0.28	2.84	57,110.3	556,623.0	60,858.0
	DHCT3	0.0	0.0			0.0	0.0	0.0
	JRKCC1	0.2	7.1			37,720.6	634,689.0	76,378.0
	TOTAL	22.6	103.9	0.275	2.84	94,830.9	1,191,312.0	137,236.0

		SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
Mar. 2017	DH1	0.1	18.1			16,729.4	281,510.0	22,684.0
	DH2	0.0	0.0	0.000	0.000	0.0	0.0	0.0
	DHCT3	0.0	0.1			510.0	8,593.0	594.0
	JRKCC1	0.1	5.0			21,325.0	358,837.0	45,453.0
	TOTAL	0.2	23.2	0.000	0.00	38,564.4	648,940.0	68,731.0

		SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
Mar. 2018	DH1	0.7	12.3			9,551.9	160,451.0	12,750.0
	DH2	39.4	114.1	0.400	3.830	66,263.2	646,035.0	71,063.0
	DHCT3	0.0	0.0			0.0	0.0	807.0
	JRKCC1	0.0	2.3			7,870.6	132,439.0	14,915.0
	TOTAL	40.1	128.7	0.400	3.8	83,685.7	938,925.0	99,535.0

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)
Mar. 2014	DH1	0.00000	1.76211			0.64790	44,545.0	4,086.0
	DH2	3.26409	2.29049			1.00054	1,007,447.0	103,122.0
	DHCT3	5.17241	1.72414			0.96466	1,697.0	116.0
	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)
Mar. 2015	DH1	0.00000	0.00000			0.00000	0.0	0.0
	DH2	0.65662	1.04401			0.93850	944,504.0	103,256.0
	DHCT3	0.00000	0.00000			0.00000	0.0	0.0
	JRKCC1	0.00000	0.00000			0.75849	2,704.0	212.0
		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)
Mar. 2016	DH1	0.00000	0.00000			0.00000	0.0	0.0
	DH2	0.73614	3.18118			0.93842	556,623.0	60,858.0
	DHCT3	0.00000	0.00000			0.00000	0.0	0.0
	JRKCC1	0.00524	0.18592			0.49387	634,689.0	76,378.0
		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)
Mar. 2017	DH1	0.00882	1.59584			0.73750	281,510.0	22,684.0
	DH2	0.00000	0.00000	0.000000	0.000	0.00000	0.0	0.0
	DHCT3	0.00000	0.33670			0.85859	8,593.0	594.0
	JRKCC1	0.00440	0.22001			0.46917	358,837.0	45,453.0
		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)
Mar. 2018	DH1	0.10980	1.92941			0.74917	160,451.0	12,750.0
	DH2	1.10888	3.21124	0.000006	0.108	0.93246	646,035.0	71,063.0
	DHCT3	0.00000	0.00000			0.00000	0.0	807.0
	JRKCC1	0.00000	0.30841			0.52770	132,439.0	14,915.0

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
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	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.-Mar.)								
	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	13.2	48.0			38,245.4			638,882.0	52,955.0
DH2	137.7	300.7	0.8	9.7	176,727.2			1,723,880.0	191,643.0
DHCT3	0.0	0.5			719.6			12,105.0	807.0
JRKCC1	0.2	9.2			36,641.4			616,567.0	67,436.0
TOTAL	151.1	358.4	0.815	9.7	252,333.6			2,991,434.0	312,841.0

DH1 SO2 dropped due to receiving the actual analysis numbers for #6 oil used in January.

	2018 (Jan.-Mar.) 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	0.49854	1.81286			0.72222			638,882.0	52,955.0
DH2	1.43705	3.13813	0.000004	0.10098	0.92217			1,723,880.0	191,643.0
DHCT3	0.00000	1.23916			0.89170			12,105.0	807.0
JRKCC1	0.00593	0.27285			0.54335			616,567.0	67,436.0

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 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)	CO2 (short tons)	Heat Input (MMBtu)
FL	Gainesville Renewable Energy Center	57241	BFB1		2017	1	ARP	2.17	0.07	39.9	121746	1168276
FL	Gainesville Renewable Energy Center	57241	BFB1		2017	2	ARP	2.80	0.0628	47.7	158149	1515433
FL	Gainesville Renewable Energy Center	57241	BFB1		2017	3	ARP	1.12	0.0641	18.3	60781	583579
FL	Gainesville Renewable Energy Center	57241	BFB1		2017	4	ARP	4.6	0.0602	75	260014	2492041

LEGAL FEES

YTD FY18

FY 18 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	3/1/18-3/31/18	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	\$ 33,866.25
							\$ -
1001111 ORRICK HERRINGTON	\$ 8,129.89		\$ 5,745.96	\$ -	\$ -	\$ -	\$ 13,875.85
							\$ -
1001204 HOLLAND & KNIGHT	\$ -	\$ 520,000.00	\$ 43,618.72	\$ -	\$ -	\$ 3,352.53	\$ 566,971.25
							\$ -
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
							\$ -
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	\$ 2,247,055.55

WATER/WASTEWATER

PRODUCTION

MAINTENANCE

Water/Wastewater Monthly Dashboard

Production						
Murphree Water Treatment Plant						
		March 2018	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	22.4	22.8	30	76%	█
	Peak Daily Flow	25.8	26.8	54	-	█
Main Street Water Reclamation Facility						
		March 2018	FY to Date (mgd)	Permitted Capacity (mgd)		Status
	Average Daily Flow	5.5	6.0	7.5		█
Kanapaha Water Reclamation Facility						
		March 2018	FY to Date (mgd)	Permitted Capacity (mgd)		Status
	Average Daily Flow	11.7	12.0	14.9		█
Water Reclamation Facilities (Combined)						
		March 2018	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	17.2	18.0	22.4	80%	█
Maintenance						
Wastewater Collections						
		Mar 2018 (Miles)	FYTD	Monthly Goal (miles)		
	Miles of gravity mains cleaned	9.6	37.1	7.5		█
	Miles of gravity mains TV inspected	5.4	28.7	5.0		█
Water Distribution & Wastewater Collections						
		Mar 2018	FYTD			
	Work orders, service orders completed	1,077	7,085			█
SSO Monthly Summary						
		March	YTD	GOAL		
	Sanitary Sewer Overflows	2	10	<16		█