

STATE OF THE UTILITY

SHARED DATA

Safety

Environmental

Regulatory

Personnel

Safety

	Current Month		
	First Aid	Recordable	DART
Administration	0	0	0
W/WW Systems	0	0	0
Energy Supply	0	0	0
Energy Delivery - Electric/Gas	0	0	0
GRUCom	0	0	0
Totals		0	

Employees

	Year to Date		
	First Aid	Recordable	DART
	0	0	0
	0	4	0
	2	1	1
	0	7	4
	0	0	0
		12	

	Current Month		
	Miles Driven	Recordable	Preventable
Administration	8,600	0	0
W/WW Systems	79,396	0	0
Energy Supply	413	0	0
Energy Delivery - Electric/Gas	119,270	3	1
GRUCom	8,521	0	0
Totals	216,200	3	

Vehicles

	Year to Date		
	Miles Driven	Recordable	Preventable
	105,262	1	1
	519,828	3	1
	11,860	0	0
	771,209	8	1
	65,882	0	0
	1,474,041	12	

Environmental

	Current Month
Notices of Violation	0
Emissions DH1, DH2, DHCT3, JRKCC1	
CO ₂ (tons)	30,100
NO _x (tons)	22
SO ₂ (tons)	17.7
DH Unit 2 (only)	
PM _{FILT} (tons)	0
Hg (lbs)	0.00

Calendar Year to Date

Notices of Violation	0
CO ₂ (tons)	146,418
NO _x (tons)	86
SO ₂ (tons)	18.2
PM _{FILT} (tons)	0
Hg (lbs)	0.00

Regulatory

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

Personnel

	AUTHORIZED_FTE	FILLED_FTE	VACANCY
GRU-Administration/ Community Relations	4.00	4.00	0.00
GRU-Administration/ Elect Reliability Compliance	2.00	2.00	0.00
GRU-Administration/ General Manager	8.00	5.00	3.00
GRU-Administration/ Legal Services	1.00	1.00	0.00
GRU-Customer Support Services	121.25	105.75	15.50
GRU-Customer Support Services/ Business Services	6.00	5.00	1.00
GRU-Customer Support Services/ Communications	6.00	6.00	0.00
GRU-Energy Delivery	265.00	242.80	22.20
GRU-Energy Supply	150.00	143.00	7.00
GRU-Energy Supply/ District Energy	10.00	10.00	0.00
GRU-Energy Supply/ Electric Environmental Permitting Compliance	4.00	4.00	0.00
GRU-Finance	29.50	27.00	2.50
GRU-GRUCom	39.00	37.00	2.00
GRU-Information Technology	63.00	51.00	12.00
GRU-Water/ Wastewater	169.00	153.00	16.00
Grand Total	877.75	796.55	81.20

STATE OF THE UTILITY

CUSTOMER OPERATIONS

Operations Data

Customer Operations Metrics Summary April 2017

Active Accounts	Apr-17	YTD Gain/Loss	FY16
<i>Residential Contract Accounts</i>			
Total	89,403	538	88,865
Electric	83,088	414	82,674
Gas	33,114	315	32,799
Water	62,516	347	62,169
Wastewater	58,492	341	58,151
Telecomm	142	(11)	153

Active Accounts	Apr-17	YTD Gain/Loss	FY16
<i>Nonresidential Contract Accounts</i>			
Total	13,665	72	13,593
Electric	11,115	81	11,034
Gas	1,628	8	1,620
Water	5,858	5	5,853
Wastewater	4,618	14	4,604
Telecomm	331	17	314

New Installations	Apr-17	FY17 To Date	FY16
Electric	71	563	1,638
Gas	29	251	589
Water	43	300	756
Wastewater	42	284	485
Telecomm	16	133	248

Residential Disconnects	Apr-17	FY17 To Date	FY16
Volume	1,056	8,377	14,593
Average Balance	\$223.56	\$246.00	\$247.00

Call Center Volume	Apr-17	FY17 To Date	FY16
Average Speed of Answer	0:01:18	0:04:20	0:07:04
CSR Calls	14,397	93,403	251,522
IVR Self Service	17,490	141,151	318,483
Total	31,887	234,554	570,005
IVR/Total	55%	60%	56%

Revenue Assurance	Apr-17	FY17 To Date	FY16
Referred to Collections	\$120,502.48	\$1,569,962.90	\$1,461,488.40
Recovered	\$37,840.46	\$305,675.72	\$361,420.79

Service Orders	Apr-17	FY17 To Date	FY16
Move Ins	6,822	49,491	137,265
Move Outs	6,758	48,796	132,836

Bills Generated	Apr-17	FY17 To Date	FY16
Paper Bills	97,209	704,990	1,300,894
eBills	14,176	113,291	179,960
Total	111,385	818,281	1,480,854
eBill/Total	13%	14%	12%

Average Res Bill Amounts	Apr-17	FY17 To Date	FY16
Electric (kWh)	738	691	840
Electric (\$)	\$110.18	\$104.11	\$126.96
Gas (Therms)	20	20	18
Gas (\$)	\$33.00	\$33.48	\$29.61
Water (kGals)	6	5	4
Water (\$)	\$35.76	\$31.25	\$27.47
Wastewater (kGals)	6	5	6
Wastewater(\$)	\$40.41	\$38.77	\$41.13

Payment Arrangements	Apr-17	FY17 To Date	FY16
Total	6,639	54,204	97,287

STATE OF THE UTILITY

ENERGY DELIVERY

Operations Data & Projects

ENERGY DELIVERY - UAB REPORT - APRIL 2017

Durations Reliability Report Between 4/01/2017 and 4/30/2017

Includes Extreme Weather and Generation/Transmission Disturbances



**MONTHLY
AVG
GOAL**

CUSTOMER DATA	RELIABILITY INDICIES			MONTHLY AVG GOAL
Monthly Average Customers Served(C)	94948	Average Service Availability Index (ASAI)	99.9901 %	
Total Hours of Customer Demand	66,083,808	System Average Interruption Duration Index (SAIDI)	4.15 Mins	4.5 Mins
Total Number of Outages	63	Customer Average Interruption Duration Index (CAIDI)	44.21 Mins	55 Mins
Total Number of Customers Affected (CI)	8917	System average Interruption Frequency Index (SAIFI)	0.09	.08
Total Customer Minutes Interrupted (CMI)	394263			
Total Customer "Out Minutes"	6168	Average Length of a Service Interruption (L-Bar)	97.90 Mins	
Tot Cust Momentary Interruption Events (CME)	11,194			

Guide for Power Distribution Reliability Indices ([reliabilityguide.aspx](#))

Outage Duration Times

Average Hours	1
Maximum Hours	6
Minimum Hours	0

Cause of Outages

Cause	Overhead	Underground	Undetermined	Total
1. Weather	8	0	0	8
1. Vegetation	9	9	0	18
1. Animals	4	3	0	7
1. Foreign Interference	0	1	0	1
1. Human Cause	2	0	1	3
1. Undetermined	0	0	0	0
1. Equipment Failure	3	17	6	26
1. All Remaining Outages	0	0	0	0
Total	26	30	7	63

ENERGY DELIVERY - UAB REPORT - APRIL 2017

Durations Reliability Report Between 1/01/2017 and 4/30/2017

Includes Extreme Weather and Generation/Transmission Disturbances



**MONTHLY
AVG
GOAL**

CUSTOMER DATA	RELIABILITY INDICIES			MONTHLY AVG GOAL
Monthly Average Customers Served(C)	94948	Average Service Availability Index (ASAI)	99.9944 %	
Total Hours of Customer Demand	271,171,488	System Average Interruption Duration Index (SAIDI)	9.61 Mins	4.5 Mins
Total Number of Outages	187	Customer Average Interruption Duration Index (CAIDI)	43.57 Mins	55 Mins
Total Number of Customers Affected (CI)	20941	System average Interruption Frequency Index (SAIFI)	0.22	.08
Total Customer Minutes Interrupted (CMI)	912355			
Total Customer "Out Minutes"	22432	Average Length of a Service Interruption (L-Bar)	119.96 Mins	
Tot Cust Momentary Interruption Events (CME)	11,194			

Guide for Power Distribution Reliability Indices ([reliabilityguide.aspx](#))

Outage Duration Times

Average Hours	2
Maximum Hours	8
Minimum Hours	0

Cause of Outages

Cause	Overhead	Underground	Undetermined	Total
1. Weather	12	10	0	22
1. Vegetation	34	30	0	64
1. Animals	11	7	0	18
1. Foreign Interference	0	2	0	2
1. Human Cause	9	4	1	14
1. Undetermined	2	3	0	5
1. Equipment Failure	15	36	11	62
1. All Remaining Outages	0	0	0	0
Total	83	92	12	187

ENERGY DELIVERY - UAB REPORT - APRIL 2017

Energy Delivery - Major Design Projects - Electric

Major Electric Design Projects underway:

- > Butler Plaza Town Center
- > Blues Creek Unit 7 – 16 residential units
- > Relocate Switchgear [at Holiday Inn] for roadway re-construction SW 43/32nd Street
- > The Windsor of Gainesville NW 83 St & 39th Ave – (Nursing Home)
- > Fairfield Inn & Suites 3700 SSW 37th Blvd.
- > 43rd/53rd - Retail Development - Old System Control Building

Major Electric Design Projects expected to start within 30 days:

- > Drury Inn & Suites – 4000 SW 40 Blvd (Hotel)
- > Butler Plaza Town Center Lights
- > Blues Creek Unit 5 PH 2&3 (Residential S/D, 50 lots)
- > Westchester PH 4B – 77 Single Family Lots
- > 43rd/53rd - Retail Development - Old Systems Control Building
- > Greenhouse Church

ENERGY DELIVERY - UAB REPORT - APRIL 2017

Energy Delivery - Major Construction Projects - Gas

Major Gas Design Projects:

- > Prepare construction plans and estimates for Fire Stations # 1(500 Blk S. Main St) and #9 (approx. 1,000 feet of gas main on NW 34th St), Aloft Hotel, Staybridge Hotel and Gloria's Way S/D and Suburban Heights gas relocation, , Gainesville Co-housing, Ronald McDonald house.
- > Design for replacement of 3215 feet of bare steel gas main at 400-800 blocks SW 10th St
- > Provide utility work schedule for the extension 4" gas main on SW 8th Avenue from 137th St to SW 143rd St, about 3,300 feet.

Gas Main Installed in April 2017

- 1 West Gate Station tied in and now we can feed 200 PSIG on Archer Rd. to the new Mentone Regulator Station. Will provide a future HP feed to Archer.
- 2 Completed Main Installation for Grand Preserve Substation and Apts. at 7700 SW Archer Rd. In total we installed 7800' of main.
- 3 Started Arbor Green Subdivision PH 2, Main Installation. In total, we will install 3700' of main.
- 4 We have been working on and off in the Butler Town Center and Celebration Point as construction is on-going in both of these projects.
- 5 One College Park. 4" Main Replacement as part of CRA project: 2000' – This is a joint trench project that will replace poorly coated main and relocate for construction.
- 6 We completed Westchester Phase 4 Main extension: 2500' of main.
- 7 Started Main Installation in Oakmont Phase 2. In total we will install 2937' of main.
- 8 We completed several minor main extensions for new residential customers.

New Services installed in April: 32 – New Customer work/Not replacement work.

Maintenance Activities – Two man crew – Working on Cathodic Protection Testing and Emergency Valve surveys.

Note 1: Gas Operations and Maintenance Manual Updated as required by code

ENERGY DELIVERY - UAB REPORT - APRIL 2017

Electric System Consumption

ELECTRIC SYSTEM	CONSUMPTION	CUSTOMERS
Feed-In-Tariff - Residential	52 KWH	102
Feed-In-Tariff - General Service	2,288 KWH	157
Electric - GS - Demand - Regular	46,200,535 KWH	1,186
Electric - General Service Demand PV	691,296 KWH	17
GREC Startup Supplemental and Standby	351,307 KWH	1
Electric - GS - Kanapaha w Curtail Cr	1,020,000 KWH	1
Electric - GS - Demand - Large Power	6,252,840 KWH	8
Electric - GS - Murphree Curtail Credit	1,420,800 KWH	1
Electric - GS Large Demand PV	3,554,400 KWH	2
Electric - GS - Non Demand	14,522,151 KWH	9,626
Electric - General Service PV	64,305 KWH	51
Electric - Lighting - Rental	998,049 KWH	4,303 <i>n</i>
Electric - Lighting - Street - City	792,821 KWH	14 <i>n</i>
Electric - Lighting - Street - County	299,302 KWH	2 <i>n</i>
Electric - Lighting - Traffic	4,542 KWH	2 <i>n</i>
Electric - Residential - Non TOU	60,162,387 KWH	84,367
Electric - Residential PV	86,647 KWH	197
Total Retail Electric (<i>n</i> =not included in total)	<u>136,423,722 KWH</u>	<u>95,716</u>
City of Alachua	10,046,000 KWH	24,008 KW
City of Winter Park	7,200,000 KWH	10,000 KW
Total (Native) Electric	153,669,722 KWH	

ENERGY DELIVERY - UAB REPORT - APRIL 2017

Gas System Consumption

GAS SYSTEM

Gas - GS - Regular Service (Firm)	837,540 THM	1,386
Gas - GS - Regular Service (Small)	13,181 THM	241
Gas - GS - Interruptible - Regular Serv	63,764 THM	1
Gas - GS - Interruptible - Large Volume	356,802 THM	6
Gas - Residential - Regular Service	642,415 THM	33,265
Total Retail Gas	<u>1,913,702 THM</u>	<u>34,899</u>
Gas - GS - UF Cogeneration Plant	2,270,689 THM	1
Gas - Residential - LP - Basic Rate	4,173 GAL	198
GREC Gas (PGA Only)	26,290 THM	1

STATE OF THE UTILITY

ENERGY SUPPLY

Operations Data & Projects

Energy Supply - April 2017

System Statistics

	Unit Capability output - MWn
DH-2	228
DH-1	75
Kelly CC	108
CT's	106
Grid	2 X 224
GREC	102.5

Energy Supply - MWHrs Delivered

Source	Month	YTD	Budget YTD	Delta Budget
DH-2	-	-	314,758	(314,758)
DH-1	19,063	133,081	43,791	89,290
Kelly CC	22,770	410,466	510,484	(100,018)
CT's	1,904	5,224	3,697	1,527
Grid	50,436	312,303	111,159	201,144
GREC	63,923	165,569	32,535	133,034

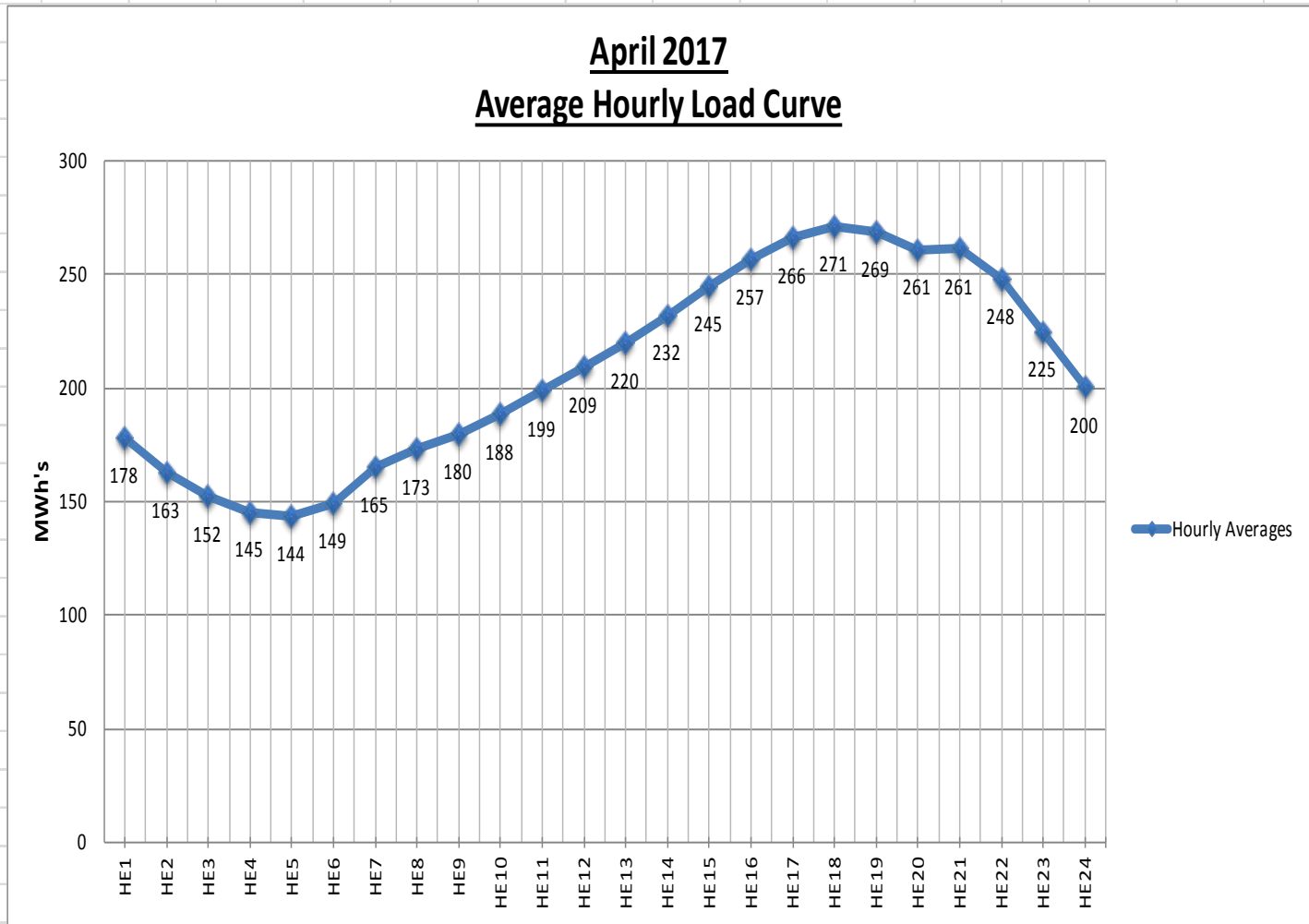
Average Energy Distribution Curve

Curve 1 is the hourly distribution of load averages over the month (Page 14)
 Curve 2 is peak load per day (Page 15)

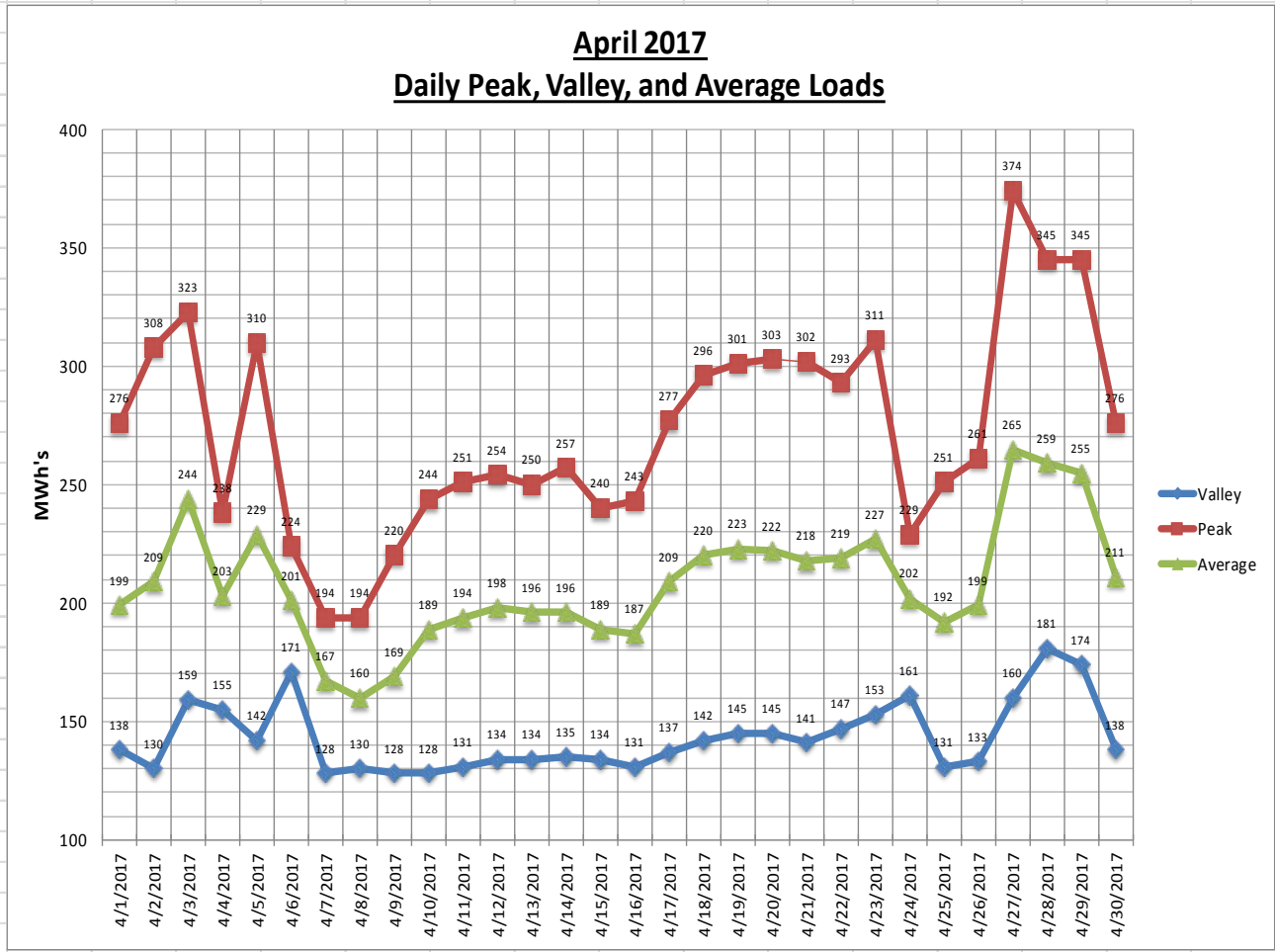
Fuel Consumed

	Month	YTD	Budget YTD	Delta Budget
Coal - Tons	-	-	164,178	(164,178)
Gas-MCF	406,445	4,993,810	4,915,777	78,033
Fuel oil - Gal	174,592	177,297	-	177,297

Hour Ending	Ave. Load
HE1	178
HE2	163
HE3	152
HE4	145
HE5	144
HE6	149
HE7	165
HE8	173
HE9	180
HE10	188
HE11	199
HE12	209
HE13	220
HE14	232
HE15	245
HE16	257
HE17	266
HE18	271
HE19	269
HE20	261
HE21	261
HE22	248
HE23	225
HE24	200



Date	Valley	Peak	Ave
4/1/2017	138	276	199
4/2/2017	130	308	209
4/3/2017	159	323	244
4/4/2017	155	238	203
4/5/2017	142	310	229
4/6/2017	171	224	201
4/7/2017	128	194	167
4/8/2017	130	194	160
4/9/2017	128	220	169
4/10/2017	128	244	189
4/11/2017	131	251	194
4/12/2017	134	254	198
4/13/2017	134	250	196
4/14/2017	135	257	196
4/15/2017	134	240	189
4/16/2017	131	243	187
4/17/2017	137	277	209
4/18/2017	142	296	220
4/19/2017	145	301	223
4/20/2017	145	303	222
4/21/2017	141	302	218
4/22/2017	147	293	219
4/23/2017	153	311	227
4/24/2017	161	229	202
4/25/2017	131	251	192
4/26/2017	133	261	199
4/27/2017	160	374	265
4/28/2017	181	345	259
4/29/2017	174	345	255
4/30/2017	138	276	211



ENERGY SUPPLY MAJOR PROJECTS

Date: As of 5/12/2017: Major Energy Supply Projects/Milestones Updates:

1. Deerhaven Unit #2 has been restored to service on 5/6/2017, with intent to have full load testing (255 MW Gross Load) on Monday 5/15/2017.
2. GREC has been in service since 3/15/2017 and we plan to take of line on 5/17/2017. Their Planned outage is scheduled for May 19-25, 2017.
3. South Energy Center (Phase #2) Project is on track with the following milestones:
 - a. Heating Hot Water System Released for Service to Hospital 5/15/2017
 - b. Chiller CHL-003 Released for Service to Hospital 5/24/2017
 - c. Wartsilla Engine Released for Service to Hospital 6/15/2017

STATE OF THE UTILITY

Environmental Permitting

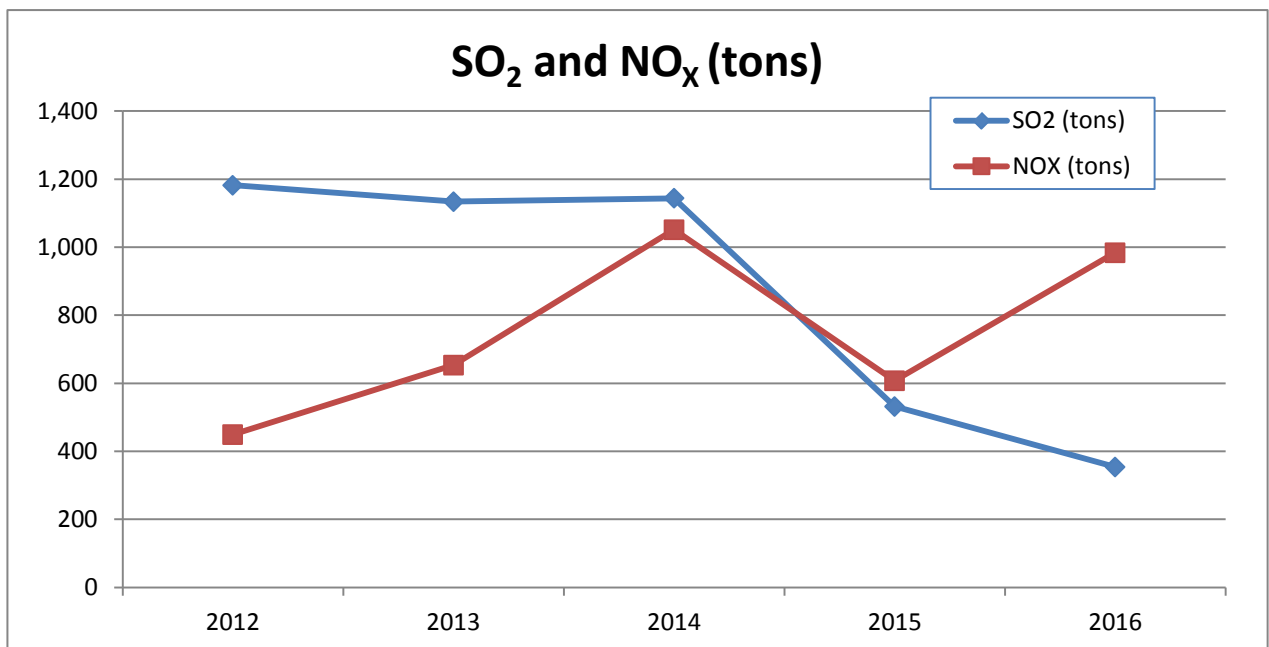
&

Compliance

ENVIRONMENTAL PERMITTING & COMPLIANCE
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	29	1,216,690

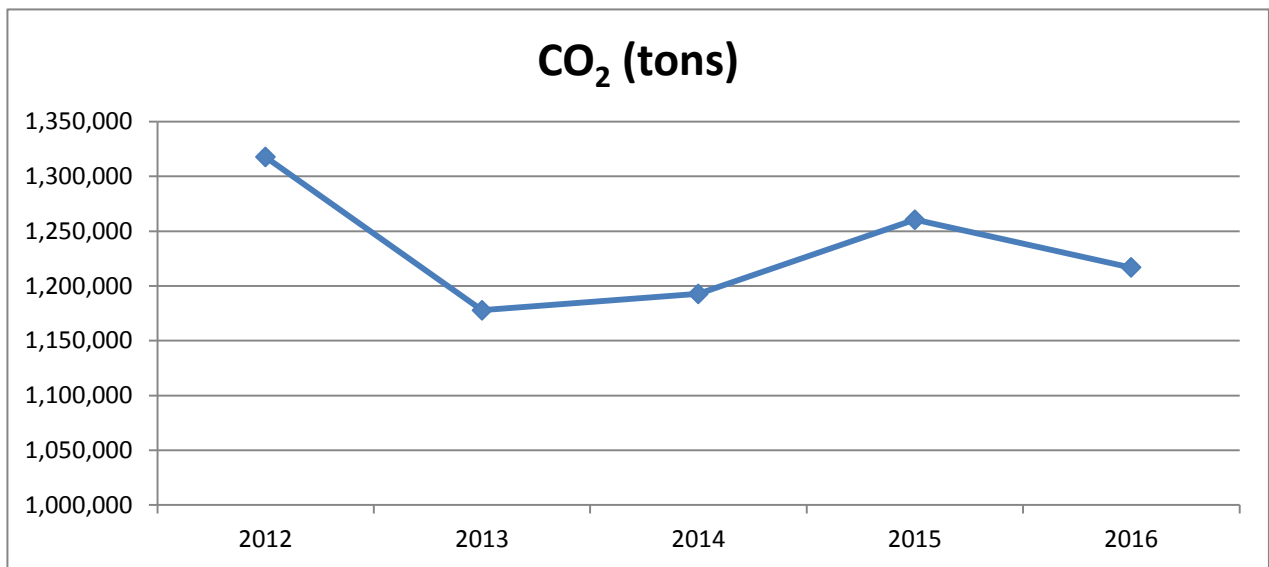
2016 Mercury and particulate values are for Unit 2 only. The other units' values are not available yet.

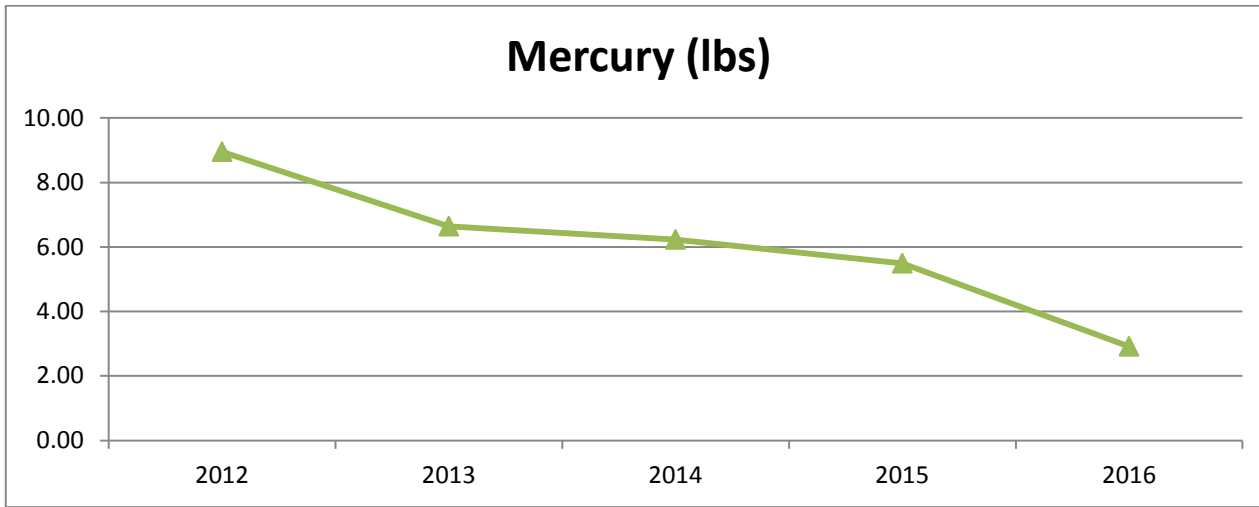


SO₂ was lower in 2015 and 2016 due to higher removal rate settings to assure compliance with the MATS Rule.

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

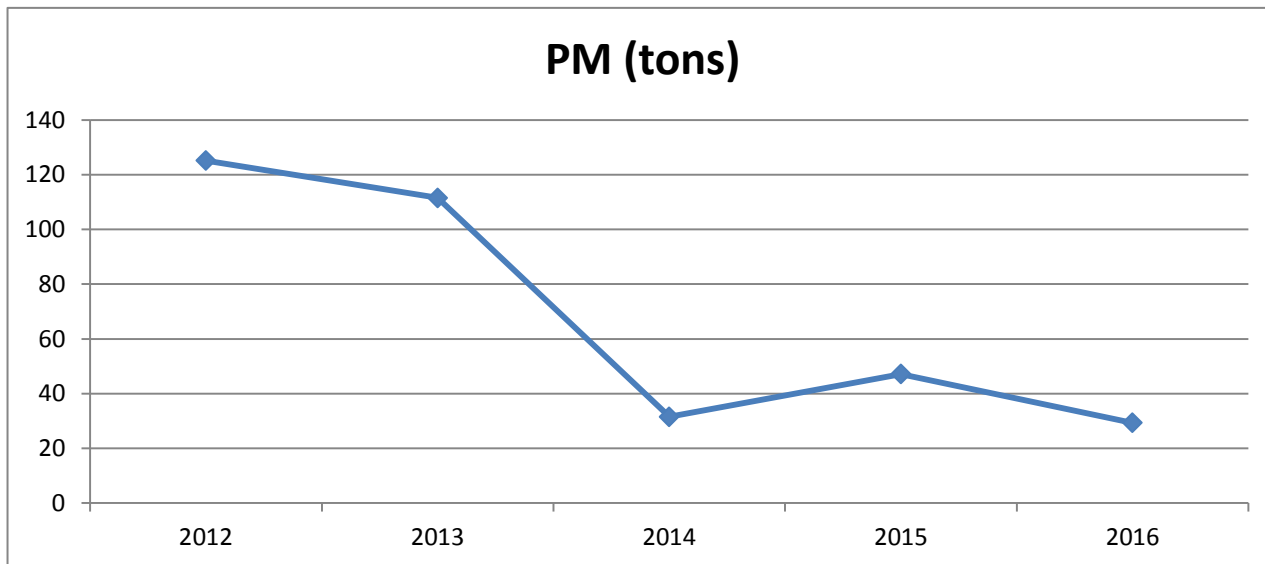
ENVIRONMENTAL PERMITTING & COMPLIANCE





2016 Mercury values are for Unit 2 only. The other units' values are not available yet.

ENVIRONMENTAL PERMITTING & COMPLIANCE Yearly Emissions



2016 Particulate values are for Unit 2 only. The other units' values are not available yet.

Mass Emissions

YEARLY EMISSIONS - 5 YEAR COMPARISON

	SO ₂ (tons)	NO _x (tons)	Mercury (lbs)	PM (tons)	CO ₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
Apr. 2013	270.0	65.7			115,573	1,183,272	120,992
Apr. 2014	172.2	105.3			106,167	1,039,409	103,733
Apr. 2015	38.5	74.8			111,881	1,271,859	135,170
Apr. 2016	33.0	101.1	0.2	1.7	105,807	1,314,611	144,293
Apr. 2017	17.7	22.2	0.0	0.0	30,100	502,908	47,280

		SO ₂ (tons)	NO _x (tons)	Mercury (lbs)	PM (tons)	CO ₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
Apr. 2013	DH1	0.0	6.3			5,735.9	96,518.0	7,897.0
	DH2	269.1	58.4			107,520.5	1,048,448.0	110,130.0
	DHCT3	0.1	0.3			1,204.8	20,186.0	1,615.0
	JRKCC1	0.8	0.7			1,111.9	18,120.0	1,350.0
	TOTAL	270.0	65.7	0.000	0.00	115,573.1	1,183,272.0	120,992.0

		SO ₂ (tons)	NO _x (tons)	Mercury (lbs)	PM (tons)	CO ₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
Apr. 2014	DH1	0.0	0.0			12.2	204.0	0.0
	DH2	172.2	105.1			105,511.5	1,028,389.0	102,945.0
	DHCT3	0.0	0.2			642.9	10,816.0	788.0
	JRKCC1	0.0	0.0			0.0	0.0	0.0
	TOTAL	172.2	105.3	0.000	0.00	106,166.6	1,039,409.0	103,733.0

		SO ₂ (tons)	NO _x (tons)	Mercury (lbs)	PM (tons)	CO ₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
Apr. 2015	DH1	0.0	2.3			2,021.6	34,025.0	3,176.0
	DH2	38.4	65.9			86,453.6	843,995.0	86,788.0
	DHCT3	0.0	0.3			1,460.6	24,574.0	1,864.0
	JRKCC1	0.1	6.3			21,945.4	369,265.0	43,342.0
	TOTAL	38.5	74.8	0.000	0.00	111,881.2	1,271,859.0	135,170.0

		SO ₂ (tons)	NO _x (tons)	Mercury (lbs)	PM (tons)	CO ₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
Apr. 2016	DH1	0.0	8.7			7,169.4	120,636.0	10,450.0
	DH2	32.8	86.2	0.23	1.71	65,788.8	641,229.0	68,313.0
	DHCT3	0.0	0.1			259.7	4,369.0	352.0
	JRKCC1	0.2	6.1			32,589.0	548,377.0	65,178.0
	TOTAL	33.0	101.1	0.232	1.71	105,806.9	1,314,611.0	144,293.0

		SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
Apr. 2017	DH1	17.6	18.8			15,744.4	261,359.0	22,468.0
	DH2	0.0	0.0	0.000	0.000	0.0	0.0	0.0
	DHCT3	0.0	0.4			1,662.4	27,966.0	1,945.0
	JRKCC1	0.1	3.0			12,693.1	213,583.0	22,867.0
	TOTAL	17.7	22.2	0.000	0.0	30,099.9	502,908.0	47,280.0

YEARLY EMISSIONS PER MWH - 5 YR COMPARISON

Mass Emissions Rate

		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)
Apr. 2013	DH1	0.00000	1.59554			0.72634	96,518.0	7,897.0
	DH2	4.88695	1.06056			0.97631	1,048,448.0	110,130.0
	DHCT3	0.12384	0.37152			0.74601	20,186.0	1,615.0
	JRKCC1	1.18519	1.03704			0.82363	18,120.0	1,350.0

		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)
Apr. 2014	DH1	0.00000	0.00000			0.00000	204.0	0.0
	DH2	3.34548	2.04187			1.02493	1,028,389.0	102,945.0
	DHCT3	0.00000	0.50761			0.81586	10,816.0	788.0
	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)
Apr. 2015	DH1	0.00000	1.44836			0.63652	34,025.0	3,176.0
	DH2	0.88491	1.51864			0.99615	843,995.0	86,788.0
	DHCT3	0.00000	0.32189			0.78358	24,574.0	1,864.0
	JRKCC1	0.00461	0.29071			0.50633	369,265.0	43,342.0

		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)
Apr. 2016	DH1	0.00000	1.66507			0.68607	120,636.0	10,450.0
	DH2	0.96029	2.52368	0.000003	0.050	0.96305	641,229.0	68,313.0
	DHCT3	0.00000	0.56818			0.73778	4,369.0	352.0
	JRKCC1	0.00614	0.18718			0.50000	548,377.0	65,178.0

		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)
Apr. 2017	DH1	1.56667	1.67349			0.70075	261,359.0	22,468.0
	DH2	0.00000	0.00000	0.000000	0.000	0.00000	0.0	0.0
	DHCT3	0.00000	0.41131			0.85470	27,966.0	1,945.0
	JRKCC1	0.00875	0.26239			0.55508	213,583.0	22,867.0

PREVIOUS YEAR (2016)

2016 Emissions

	SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	NO_x Rate (lb/mmBtu)	HTIP (mmBtu)	MW-hours
DH1	2.7	161.4	NA	NA	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	NA	4,737.4	0.0420	79,720.0	6,062.0
JRKCC1	2.0	83.8	0.000	NA	388,646.5	0.0260	6,539,729.0	796,347.0
TOTAL	354.2	984.0	2.917	29.3	1,216,689.5	0.434	15,633,625.0	1,680,177.0

2016 Emissions per Net MW-hr

	SO₂ lbs/MW-hr	NO_x lbs/MW-hr	Mercury (lbs)	PM (lbs)	CO₂ tons per MW-hr
DH1	0.02672	1.59705	NA	NA	0.69141
DH2	1.03457	2.18340	0.0000043174	0.08682	1.01171
DHCT3	0.00000	0.39591	0.000		0.78149
JRKCC1	0.00502	0.21046	0.000	NA	0.488

2017 Emissions YTD (Jan-Apr)

	SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	SO₂ Rate (lb/mmBtu)	NO_x Rate (lb/mmBtu)	HTIP (MMBtu)	GEN (MW-hours)
DH1	17.8	65.5			58,904.9			987,594.0	85,320.0
DH2	0.0	0.0	0.0	0.00	0.0			0.0	0.0
DHCT3	0.0	0.9			3,456.8			58,154.0	4,137.0
JRKCC1	0.4	19.7			84,056.7			1,414,423.0	183,832.0
TOTAL	18.2	86.1	0.000	0.0	146,418.4			2,460,171.0	273,289.0

2017 (Jan-Apr) Emissions per MW-hr

	SO₂ lbs/MW-hr	NO_x lbs/MW-hr	Mercury (lbs)	PM (lbs)	CO₂ tons/MW-hr	SO₂ Rate (lb/mmBtu)	NO_x Rate (lb/mmBtu)	HTIP (MMBtu)	GEN (MW-hours)
DH1	0.41725	1.53540			0.69040			987,594.0	85,320.0
DH2	0.00000	0.00000	0.00000	0.00000	0.00000			0.0	0.0
DHCT3	0.00000	0.43510			0.83558			58,154.0	4,137.0
JRKCC1	0.00435	0.21433			0.45725			1,414,423.0	183,832.0

NOTE- Mercury and PM data is not available yet for DH1, CT3 and CC1.

GREC 2016 Emissions

State	Facility Name	Facility ID (ORISPL)	Unit ID	Associated Stacks	Year	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	ARP	1.308	0.0685	21.148	65829.75	634316.337

STATE OF THE UTILITY

WATER/WASTEWATER

Operations Data & Projects

Water/Wastewater Monthly Dashboard

Production						
Murphree Water Treatment Plant						
		April 2017 (mgd)	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	23.4	22.8	30	76%	
	Peak Daily Flow	27.8	27.8	54	-	
Main Street Water Reclamation Facility						
		April 2017 (mgd)	FY to Date (mgd)	Permitted Capacity (mgd)		Status
	Average Daily Flow	4.8	5.5	7.5		
Kanapaha Water Reclamation Facility						
		April 2017 (mgd)	FY to Date (mgd)	Permitted Capacity (mgd)		Status
	Average Daily Flow	10.2	10.6	14.9		
Water Reclamation Facilities (Combined)						
		April 2017 (mgd)	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	15.0	16.1	22.4	72%	
Maintenance						
Wastewater Collections						
		April 2017 (Miles)	FYTD	Monthly Goal (miles)		
	Miles of gravity mains cleaned	4.4	46.1	7.5		
	Miles of gravity mains TV inspected	5.8	50.2	7.5		
Water Distribution & Wastewater Collections						
		April 2017	FYTD			
	Work orders, service orders completed	1263	8742			
Major Water/Wastewater Projects						

Electrical System Upgrade at MWTP - The project has begun
 Manhole Lining
 Gravity Sewer Lining
 Galvanized Steel Pipe Replacements
 Lift Station 40 GM and FM - Complete
 Golfview water replacements & sewer lining - Complete

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
- 1141 miles of water distribution mains
- 24,260 water valves
- 5,800 fire hydrants
- 2 water reclamation facilities (wastewater treatment plants)
- 770 miles of wastewater collection mains
- 168 lift stations pumping wastewater
- 28 reclaimed water mains
- 15,228 manholes