

STATE OF THE UTILITY

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OPERATIONS SUMMARY

CORPORATE SAFETY

ENVIRONMENTAL

REGULATORY

PERSONNEL

Safety			Employees			
	Current Month			Year to Date		
	First Aid	Recordable	DART	First Aid	Recordable	DART
Administration	1	0	0	0	0	0
WWW Systems	0	0	0	1	6	2
Energy Supply	0	0	0	2	1	1
Energy Delivery - Electric/Gas	1	1	0	2	11	5
GRUCom	0	0	0	0	0	0
Totals		1			18	

	Current Month			Year to Date		
	Miles Driven	Recordable	Preventable	Miles Driven	Recordable	Preventable
Administration	11,679	0	0	170,226	1	1
WWW Systems	83,023	0	0	934,866	8	3
Energy Supply	2,002	0	0	108,908	0	0
Energy Delivery - Electric/Gas	113,958	2	1	1,339,579	14	5
GRUCom	8,592	0	0	112,350	1	0
Totals	219,254	2		2,665,929	24	

Environmental		Current Month	Calendar Year to Date
Notices of Violation		0	0
Emissions			
DH1, DH2, DHCT3, JRKCC1			
	CO ₂ (tons)	88,202	787,287
	NO _x (tons)	86	881
	SO ₂ (tons)	27.0	249.4
DH Unit 2 (only)			
	PM _{FLT} (tons)	1	21
	Hg (lbs)	0.10	1.66

Regulatory		Current Month	Year to Date
NERC			
Notice of Violations		0	0
Self Reports/Potential Violations		0	1

Personnel			
	AUTHORIZED FTE	FILLED FTE	VACANCY
GRU-Administration/ Community Relations	4.00	4.00	-
GRU-Administration/ Elect Reliability Compliance	2.00	2.00	-
GRU-Administration/ General Manager	9.00	8.00	1.00
GRU-Administration/ Legal Services	1.00	1.00	-
GRU-Customer Support Services	121.25	108.25	13.00
GRU-Customer Support Services/ Business Services	6.00	5.00	1.00
GRU-Customer Support Services/ Communications	5.00	5.00	-
GRU-Energy Delivery	265.00	239.00	26.00
GRU-Energy Supply	150.00	140.00	10.00
GRU-Energy Supply/ District Energy	10.00	11.00	(1.00)
GRU-Energy Supply/ Electric Environmental Permitting Compliance	4.00	4.00	-
GRU-Finance	29.50	27.00	2.50
GRU-GRUCom	39.00	32.00	7.00
GRU-Information Technology	63.00	52.00	11.00
GRU-Water/ Wastewater	169.00	155.00	14.00
Grand Total	877.75	793.25	84.50

CUSTOMER SUPPORT SERVICES

Customer Operations

New Services

Revenue Assurance

Customer Operations Metrics Summary September 2017

Active Accounts	Sep-17	YTD Gain/Loss	FY16
<i>Residential Contract Accounts</i>			
Total	90,102	1,237	88,865
Electric	83,694	1,020	82,674
Gas	33,123	324	32,799
Water	62,692	523	62,169
Wastewater	58,660	509	58,151
Telecomm	137	(16)	153

Active Accounts	Sep-17	YTD Gain/Loss	FY16
<i>Nonresidential Contract Accounts</i>			
Total	13,477	(116)	13,593
Electric	10,917	(117)	11,034
Gas	1,613	(7)	1,620
Water	5,892	39	5,853
Wastewater	4,651	47	4,604
Telecomm	353	39	314

New Installations	Sep-17	FY17 To Date	FY16
Electric	37	1545	1,638
Gas	37	432	589
Water	26	525	756
Wastewater	29	530	485
Telecomm	11	223	248

Residential Disconnects	Sep-17	FY17 To Date	FY16
Volume	716	14,335	14,593
Average Balance	\$251.94	\$245.50	\$247.00

Call Center Volume	Sep-17	FY17 To Date	FY16
Average Speed of Answer	0:07:58	0:04:30	0:07:04
CSR Calls	11,898	138,716	235,951
CSR Callbacks	3,305	19,673	15,571
IVR Self Service	48,234	283,147	318,483
Total	60,132	421,863	554,434
IVR/Total	80%	67%	56%

Revenue Assurance	Sep-17	FY17 To Date	FY16
Referred to Collections	\$183,558.46	\$2,214,584.97	\$1,461,488.40
Recovered	\$63,032.72	\$664,519.40	\$361,420.79

Bills Generated	Sep-17	FY17 To Date	FY16
Paper Bills	101,908	1,245,142	1,300,894
eBills	14,337	191,498	179,960
Total	116,245	1,436,640	1,480,854
eBill/Total	12%	13%	12%

Service Orders	Sep-17	FY17 To Date	FY16
Move Ins	8,386	117,647	137,265
Move Outs	7,510	117,865	132,836

Payment Arrangements	Sep-17	FY17 To Date	FY16
Total	8,027	95,142	97,287

Average Res Bill Amounts	Sep-17	FY17 To Date	FY16
Electric (kWh)	1,175	804	840
Electric (\$)	\$171.13	\$117.98	\$126.96
Gas (Therms)	11	16	18
Gas (\$)	\$23.19	\$28.81	\$29.61
Water (kGals)	6	5	4
Water (\$)	\$33.41	\$31.74	\$27.47
Wastewater (kGals)	5	5	6
Wastewater(\$)	\$39.13	\$38.08	\$41.13

ENERGY DELIVERY

ELECTRIC T&D
SYSTEM RELIABILITY
GAS

ENERGY DELIVERY - UAB REPORT - AUGUST/SEPTEMBER 2017

Durations Reliability Report Between 8/01/2017 and 8/31/2017

Excludes Extreme Weather and Generation/Transmission Disturbances

CUSTOMER DATA	RELIABILITY INDICIES		MONTHLY AVG GOAL
Monthly Average Customers Served(C)	96,041	Average Service Availability Index (ASAI)	99.9703%
Total Hours of Customer Demand	69,149,520	System Average Interruption Duration Index (SAIDI)	12.83 Mins. 4.5 Mins
Total Number of Outages	76	Customer Average Interruption Duration Index (CAIDI)	104.9 Mins. 55 Mins
Total Number of Customers Affected (CI)	11,744	System average Interruption Frequency Index (SAIFI)	0.12 0.08
Total Customer Minutes Interrupted (CMI)	1,231,934		
Total Customer "Out Minutes"	10,338	Average Length of a Service Interruption (L-Bar)	136.03 Mins.

Outage Duration Times

Average Hours	2
Maximum Hours	12
Minimum Hours	0

Cause of Outages

Cause	Overhead	Underground	Undetermined	Total
1. Weather	12	1	2	15
1. Vegetation	26	1	2	29
1. Animals	5	0	0	5
1. Foreign Interference	0	1	0	1
1. Human Cause	1	3	2	6
1. Undetermined	3	3	0	6
1. Equipment Failure	5	8	1	14
1. All Remaining Outages	0	0	0	0
Total	52	17	7	76

Durations Reliability Report Between 10/01/2016 and 8/31/2017

CUSTOMER DATA	RELIABILITY INDICIES		MONTHLY AVG GOAL
Monthly Average Customers Served(C)	96,041	Average Service Availability Index (ASAI)	99.9910%
Total Hours of Customer Demand	769,864,656	System Average Interruption Duration Index (SAIDI)	43.50 Mins 4.5 Mins
Total Number of Outages	668	Customer Average Interruption Duration Index (CAIDI)	53.25 Mins 55 Mins
Total Number of Customers Affected (CI)	78,459	System average Interruption Frequency Index (SAIFI)	0.82 0.08
Total Customer Minutes Interrupted (CMI)	4,177,818		
Total Customer "Out Minutes"	119,330	Average Length of a Service Interruption (L-Bar)	178.64 Mins

Outage Duration Times

Average Hours	3
Maximum Hours	750
Minimum Hours	0

Cause of Outages

Cause	Overhead	Underground	Undetermined	Total
1. Weather	59	12	5	76
1. Vegetation	180	11	37	228
1. Animals	73	12	9	94
1. Foreign Interference	1	2	0	3
1. Human Cause	23	19	14	56
1. Undetermined	20	10	1	31
1. Equipment Failure	51	105	24	180
1. All Remaining Outages	0	0	0	0

ENERGY DELIVERY - UAB REPORT - AUGUST/SEPTEMBER 2017

Durations Reliability Report Between 9/01/2017 and 9/30/2017

Excludes Extreme Weather and Generation/Transmission Disturbances

CUSTOMER DATA	RELIABILITY INDICIES		MONTHLY AVG GOAL
Monthly Average Customers Served(C)	96,112	Average Service Availability Index (ASAI)	99.9940%
Total Hours of Customer Demand	66,893,952	System Average Interruption Duration Index (SAIDI)	2.51 Mins. 4.5 Mins
Total Number of Outages	123	Customer Average Interruption Duration Index (CAIDI)	87.91 Mins 55 Mins
Total Number of Customers Affected (CI)	2,744	System average Interruption Frequency Index (SAIFI)	0.03 0.08
Total Customer Minutes Interrupted (CMI)	241,216		
Total Customer "Out Minutes"	28,684	Average Length of a Service Interruption (L-Bar)	233.20 Mins

Outage Duration Times

Average Hours 3
 Maximum Hours 90
 Minimum Hours 0

Cause of Outages

Cause	Overhead	Underground	Undetermined	Total
1. Weather	4	0	0	4
1. Vegetation	15	1	6	22
1. Animals	7	0	0	7
1. Foreign Interference	0	0	0	0
1. Human Cause	1	4	1	6
1. Undetermined	52	15	6	73
1. Equipment Failure	1	5	4	10
1. All Remaining Outages	0	0	0	1
Total	80	25	17	123

Durations Reliability Report Between 10/01/2016 and 9/30/2017

CUSTOMER DATA	RELIABILITY INDICIES		MONTHLY AVG GOAL
Monthly Average Customers Served(C)	96,112	Average Service Availability Index (ASAI)	99.9912%
Total Hours of Customer Demand	839,634,432	System Average Interruption Duration Index (SAIDI)	45.98 Mins 4.5 Mins
Total Number of Outages	791	Customer Average Interruption Duration Index (CAIDI)	54.42 Mins 55 Mins
Total Number of Customers Affected (CI)	81,203	System average Interruption Frequency Index (SAIFI)	0.84 0.08
Total Customer Minutes Interrupted (CMI)	4,419,034		
Total Customer "Out Minutes"	148,014	Average Length of a Service Interruption (L-Bar)	187.12 Mins

Outage Duration Times

Average Hours 1
 Maximum Hours 10
 Minimum Hours 0

Cause of Outages

Cause	Overhead	Underground	Undetermined	Total
1. Weather	63	12	5	80
1. Vegetation	195	12	43	250
1. Animals	80	12	9	101
1. Foreign Interference	1	2	0	3
1. Human Cause	24	23	15	62
1. Undetermined	72	25	7	104
1. Equipment Failure	52	110	28	190
1. All Remaining Outages	0	0	0	0
Total	487	196	107	790

ENERGY DELIVERY - UAB REPORT - AUGUST/SEPTEMBER 2017

Durations Reliability Report Between 9/10/2017 and 9/18/2017 (Cause 104 - Hurricane Irma)

CUSTOMER DATA	RELIABILITY INDICIES		MONTHLY AVG GOAL
Monthly Average Customers Served(C)	96,069	Average Service Availability Index (ASAI)	91.6397%
Total Hours of Customer Demand	18,445,248	System Average Interruption Duration Index (SAIDI)	963.11 Mins. 4.5 Mins
Total Number of Outages	1,367	Customer Average Interruption Duration Index (CAIDI)	1081.68 Mins 55 Mins
Total Number of Customers Affected (CI)	85,538	System average Interruption Frequency Index (SAIFI)	0.89 0.08
Total Customer Minutes Interrupted (CMI)	92,524,624		
Total Customer "Out Minutes"	5,189,456	Average Length of a Service Interruption (L-Bar)	3796.24 Mins

Outage Duration Times

Average Hours 63
 Maximum Hours 184
 Minimum Hours 0

Cause of Outages

Cause	Overhead	Underground	Undetermined	Total
1. Weather	1	0	0	1
1. Vegetation	0	0	1	1
1. Animals	0	0	0	0
1. Foreign Interference	0	0	0	0
1. Human Cause	0	0	0	0
1. Undetermined	35	11	4	50
1. Equipment Failure	0	0	0	0
1. All Remaining Outages	0	0	0	1
Total	36	11	5	53

Energy Delivery - Major Design Projects - Electric

Major Electric Design Projects underway:

- > Butler Plaza Town Center
- > Review for Boulevard Station, Butler Fire Station
- > 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)
- > One College Park (apartments)
- > CRA - NW 1st Ave (OH to UG conversion)
- > Ingenuity (office building)
- > Depot Ave. Phase #4 Project (relocation due to road work)
- > The Nine (apartments)
- > Exactech Inc. Parking Garage

Major Electric Design Projects expected to start within 30 days:

- > Drury Inn & Suites – 4000 SW 40 Blvd (Hotel)
- > Butler Plaza Town Center Lights
- > Westchester PH 4B – 77 Single Family Lots
- > SW 4th Ave OH to UG Conversion
- > City of Gainesville SW 6th Street Roundabout
- > CRA South Main Street (OH to UG Conversion)

ENERGY DELIVERY - UAB REPORT - AUGUST/SEPTEMBER 2017

Energy Delivery - Major Construction Projects - Gas

Major Gas Design Projects:

- > Gas Construction, Engineering and Marketing reviewing options to extend gas service into Newberry. Reviewing and estimating costs from the Argos Line as well as from Sable Trail. Marketing preparing ROR's.
- > Completed plan reviews (PR) Clinic Movement Disorders PR2 (Approved), Finley Woods Phase 3 S/D (Approved), LA Quinta Hotel PR 5 (Approved), Celebration Pointe Block 13 PR 4 (Approved), Shands Guest House PR 1 (Not Approved) and Chesnut Village Sales Center PR 1 (Approved).
- > Received approved County permits for gas crossing on NW 51st St at 3200 block (190 ft) and for Jonesville's Willow Walk project (550 ft).
- > Submitted work orders to Construction for gas main relocation on Depot Ave for Segment 4 at SE 7th St, 95 ft.
- > Provided project folders for gas main extensions for along Archer Road (SR 24) for Fairfield Inn project (1500 ft) and along SW 16th Avenue for the Aloft Hotel (1,400 ft) to construction.

Gas Construction Activities in September 2017

- 1 Begin Gas Main Installation in Chestnut Plantation.
- 2 Gas Main Installation in Town of Tioga Sub. PH 17 off SW 136th St. - finished
- 3 We have been working on and off in the Butler Town Center and Celebration Point as construction is on-going
- 4 Gas Main Installation 3500 Blk SW Windmeadows Blvd (Butler Plaza)
- 5 Gas Main Installation on NW 1st Ave (CRA Project). –Main Installation Complete, working on moving services
- 6 Main Installation in Oakmont Phase 2. (2937' of main). - finished
- 7 We completed several minor main extensions for new residential customers.
- 8 Gas Main Installation in Gloria's Way Subdivision – Joint trench project.
- 9 We held onto four workers during the storm to handle gas problems. Fixed 14 leaks during storm. Mostly due
- 10 Main Ext. for Buchholz Paint and Body in Airport Ind. Park
- 11 Gas Main Installation Willow Walk Subdivision in Jonesville
- 12 We are using a replacement project primarily on NW 3rd St (near Univ. Ave.) as fill in work. When completed,

New Services installed in August: 35 – New Customer work/Not replacement work

New Services installed in September: 22 – New Customer work/Not replacement work

FY17 Statistics

- > 394 new gas service installations
- > 173 gas service retirements for demolition or inactivity
- > 171 gas service upgrades (replacing old service materials)
- > 147 GRU electric conduit installations
- > 192 NON- GRU electric conduit installations
- > 1 GRUCOM conduit installation

ENERGY DELIVERY - UAB REPORT - AUGUST/SEPTEMBER 2017

Electric System Consumption

AUGUST

ELECTRIC SYSTEM	CONSUMPTION	CUSTOMERS
Feed-In-Tariff - Residential	64 KWH	102
Feed-In-Tariff - General Service	2,698 KWH	157
Electric - GS - Demand - Regular	53,527,215 KWH	1,209
Electric - General Service Demand PV	795,292 KWH	17
GREC Startup Supplemental and Standby	446,461 KWH	1
Electric - GS - Kanapaha w Curtail Cr	982,800 KWH	1
Electric - GS - Demand - Large Power	7,546,040 KWH	8
Electric - GS - Murphree Curtail Credit	1,413,600 KWH	1
Electric - GS Large Demand PV	7,848,000 KWH	3
Electric - GS - Non Demand	16,591,121 KWH	9,645
Electric - General Service PV	146,430 KWH	59
Electric - Lighting - Rental	1,011,896 KWH	4,344 <i>n</i>
Electric - Lighting - Street - City	792,655 KWH	14 <i>n</i>
Electric - Lighting - Street - County	299,590 KWH	2 <i>n</i>
Electric - Lighting - Traffic	4,542 KWH	2 <i>n</i>
Electric - Residential - Non TOU	79,195,106 KWH	90,189
Electric - Residential PV	204,146 KWH	204
Total Retail Electric (<i>n</i>=not included in total)	170,807,656 KWH	101,596
City of Alachua	14,054,000 KWH	27,900 KW
City of Winter Park	7,440,000 KWH	10,000 KW
Total (Native) Electric	192,301,656 KWH	

SEPTEMBER

ELECTRIC SYSTEM	CONSUMPTION	CUSTOMERS
Feed-In-Tariff - Residential	50 KWH	98
Feed-In-Tariff - General Service	2,729 KWH	156
Electric - GS - Demand - Regular	58,001,005 KWH	1,123
Electric - General Service Demand PV	808,051 KWH	14
GREC Startup Supplemental and Standby	427,994 KWH	1
Electric - GS - Kanapaha w Curtail Cr	991,200 KWH	1
Electric - GS - Demand - Large Power	10,893,560 KWH	10
Electric - GS - Murphree Curtail Credit	1,389,600 KWH	1
Electric - GS Large Demand PV	4,768,800 KWH	2
Electric - GS - Non Demand	18,158,250 KWH	9,070
Electric - General Service PV	129,517 KWH	42
Electric - Lighting - Rental	957,544 KWH	4,047 <i>n</i>
Electric - Lighting - Street - City	793,087 KWH	14 <i>n</i>
Electric - Lighting - Street - County	299,590 KWH	2 <i>n</i>
Electric - Lighting - Traffic	4,542 KWH	2 <i>n</i>
Electric - Residential - Non TOU	89,769,645 KWH	77,891
Electric - Residential PV	233,893 KWH	198
Total Retail Electric (<i>n</i>=not included in total)	187,629,057 KWH	88,607
City of Alachua	12,290,000 KWH	25,818 KW
City of Winter Park	7,200,000 KWH	10,000 KW
Total (Native) Electric	207,119,057 KWH	

ENERGY DELIVERY - UAB REPORT - AUGUST/SEPTEMBER 2017

Gas System Consumption

AUGUST

GAS SYSTEM

Gas - GS - Regular Service (Firm)	551,425 THM	1,365
Gas - GS - Regular Service (Small)	7,747 THM	257
Gas - GS - Interruptible - Regular Serv	51,149 THM	1
Gas - GS - Interruptible - Large Volume	337,477 THM	6
Gas - Residential - Regular Service	267,739 THM	33,840
Total Retail Gas	<u>1,215,537 THM</u>	<u>35,469</u>
Gas - GS - UF Cogeneration Plant	3,684,413 THM	1
Gas - Residential - LP - Basic Rate	1,966 GAL	195
GREC Gas (PGA Only)	110 THM	1

SEPTEMBER

GAS SYSTEM

Gas - GS - Regular Service (Firm)	594,462 THM	1,202
Gas - GS - Regular Service (Small)	7,772 THM	232
Gas - GS - Interruptible - Regular Serv	38,564 THM	1
Gas - GS - Interruptible - Large Volume	355,976 THM	7
Gas - Residential - Regular Service	327,299 THM	32,289
Total Retail Gas	<u>1,324,073 THM</u>	<u>33,731</u>
Gas - GS - UF Cogeneration Plant	3,171,451 THM	1
Gas - Residential - LP - Basic Rate	2,732 GAL	196
GREC Gas (PGA Only)	270 THM	1

ENERGY SUPPLY

SYSTEM STATISTICS

ENERGY DISTRIBUTION

FUEL

Energy Supply -September 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	30,127	326,857	809,088	(482,232)
DH-1	15,502	221,277	82,558	138,719
Kelly CC	70,501	761,946	883,599	(121,653)
CT's	449	7,677	3,943	3,734
Grid	25,000	408,486	184,589	198,897
GREC	33,797	236,544	37,012	199,532

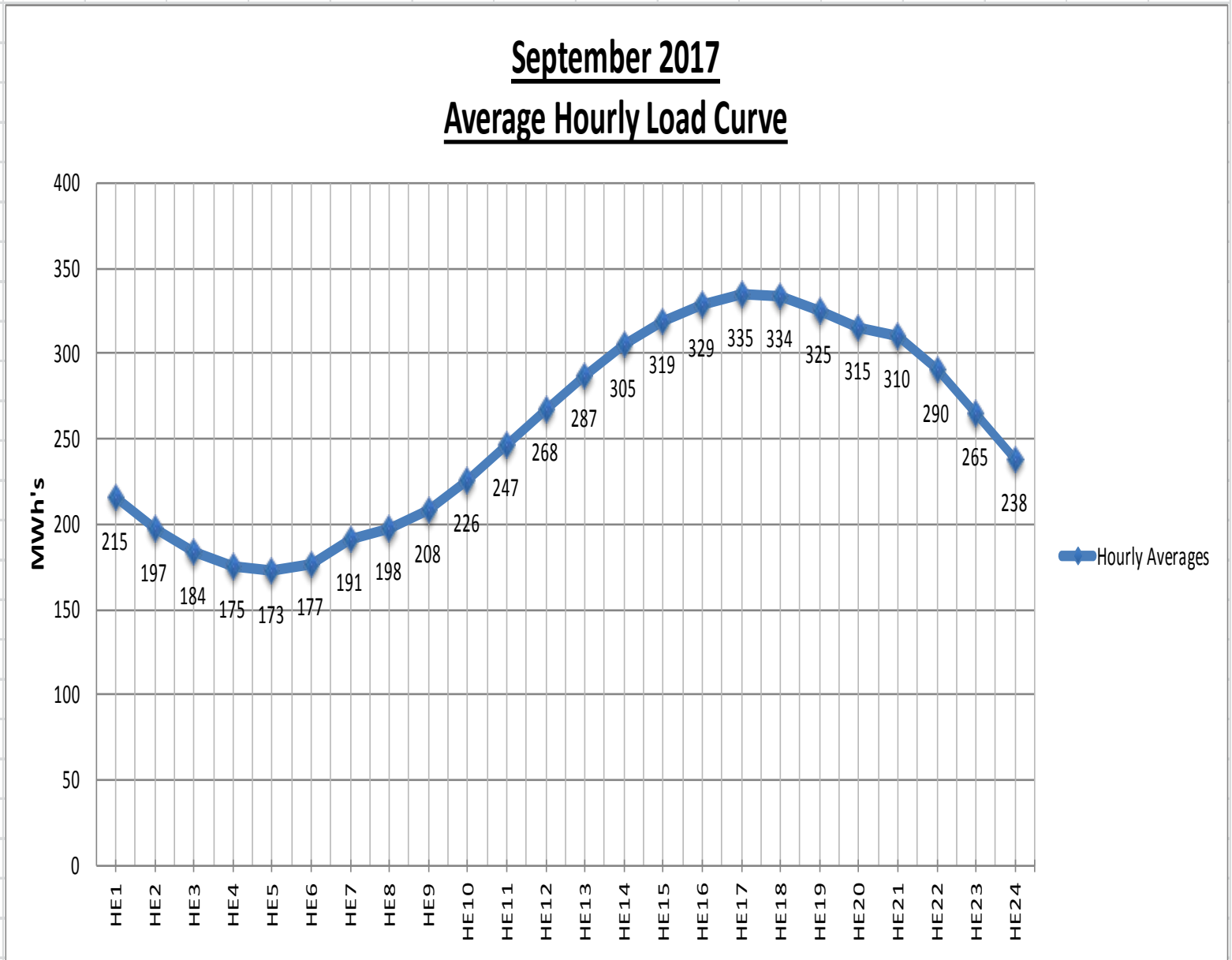
Average Energy Distribution Curve

Curve 1 is the hourly distribution of load averages over the month (pg 16)
 Curve 2 is peak load per day (pg 17)

Fuel Consumed

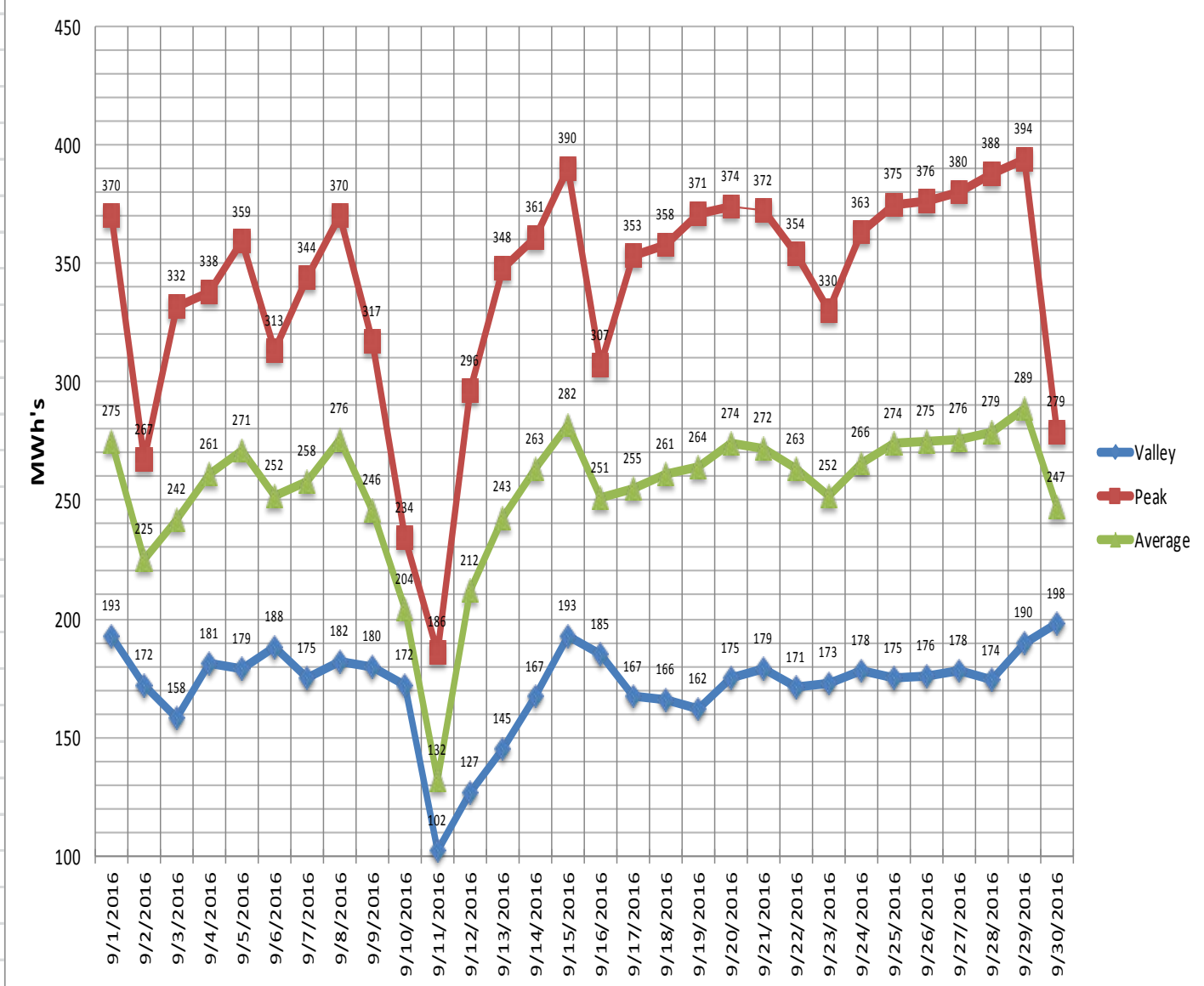
	Month	YTD	Budget YTD	Delta Budget
Coal - Tons	12,535	130,689	412,110	(281,421)
Gas-MCF	855,706	9,744,628	8,558,164	1,186,464
Fuel oil - Gal	-	188,910	-	188,910

Hour Ending	Ave. Load
HE1	215
HE2	197
HE3	184
HE4	175
HE5	173
HE6	177
HE7	191
HE8	198
HE9	208
HE10	226
HE11	247
HE12	268
HE13	287
HE14	305
HE15	319
HE16	329
HE17	335
HE18	334
HE19	325
HE20	315
HE21	310
HE22	290
HE23	265
HE24	238



Date	Valley	Peak	Ave
9/1/2016	193	370	275
9/2/2016	172	267	225
9/3/2016	158	332	242
9/4/2016	181	338	261
9/5/2016	179	359	271
9/6/2016	188	313	252
9/7/2016	175	344	258
9/8/2016	182	370	276
9/9/2016	180	317	246
9/10/2016	172	234	204
9/11/2016	102	186	132
9/12/2016	127	296	212
9/13/2016	145	348	243
9/14/2016	167	361	263
9/15/2016	193	390	282
9/16/2016	185	307	251
9/17/2016	167	358	261
9/18/2016	166	371	264
9/19/2016	162	374	274
9/20/2016	175	372	272
9/21/2016	179	354	263
9/22/2016	171	330	252
9/23/2016	173	363	266
9/24/2016	178	375	274
9/25/2016	175	376	275
9/26/2016	176	380	276
9/27/2016	178	388	279
9/28/2016	174	394	289
9/29/2016	190	279	247
9/30/2016	198	279	247

September 2017
Daily Peak, Valley, and Average Loads



ENVIRONMENTAL PERMITTING

Emissions Data

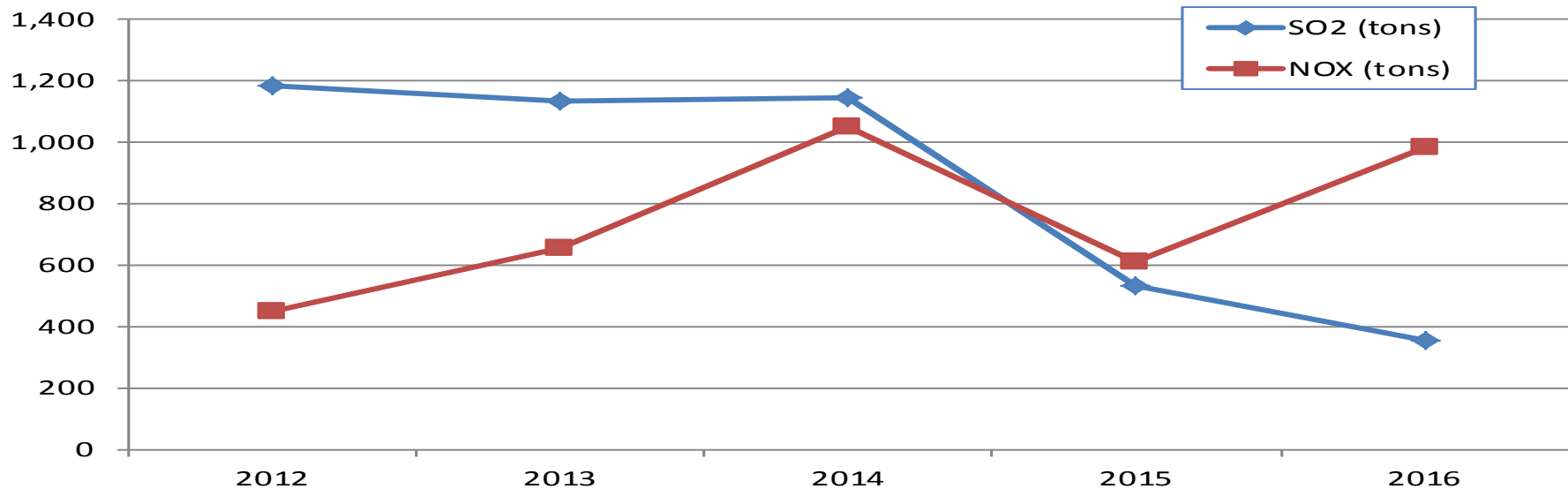
Yearly Emissions - 5 Years

	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.

Yearly Emissions - 5 Years

SO₂ and NO_x (tons)

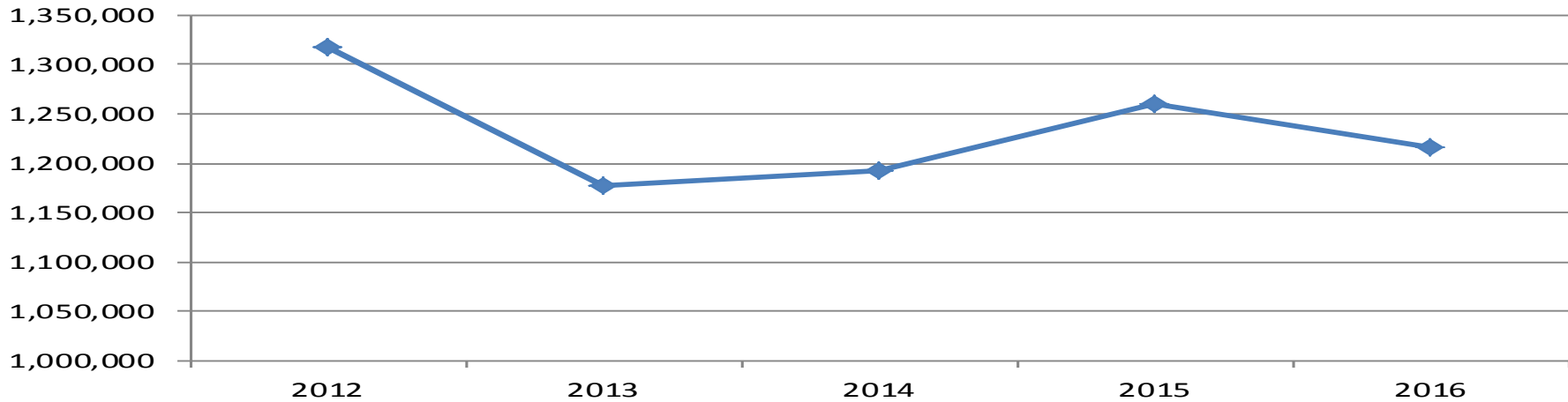


SO₂ was lower in 2015 and 2016 due to higher removal rate settings to assure compliance with the MATS Rule.

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

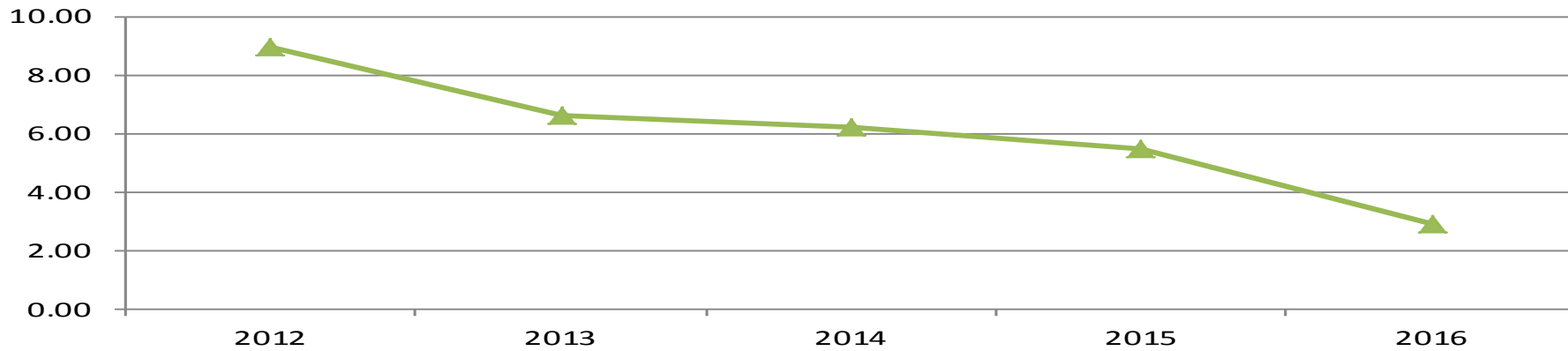
Yearly Emissions - 5 Years

CO₂ (tons)



Yearly Emissions - 5 Years

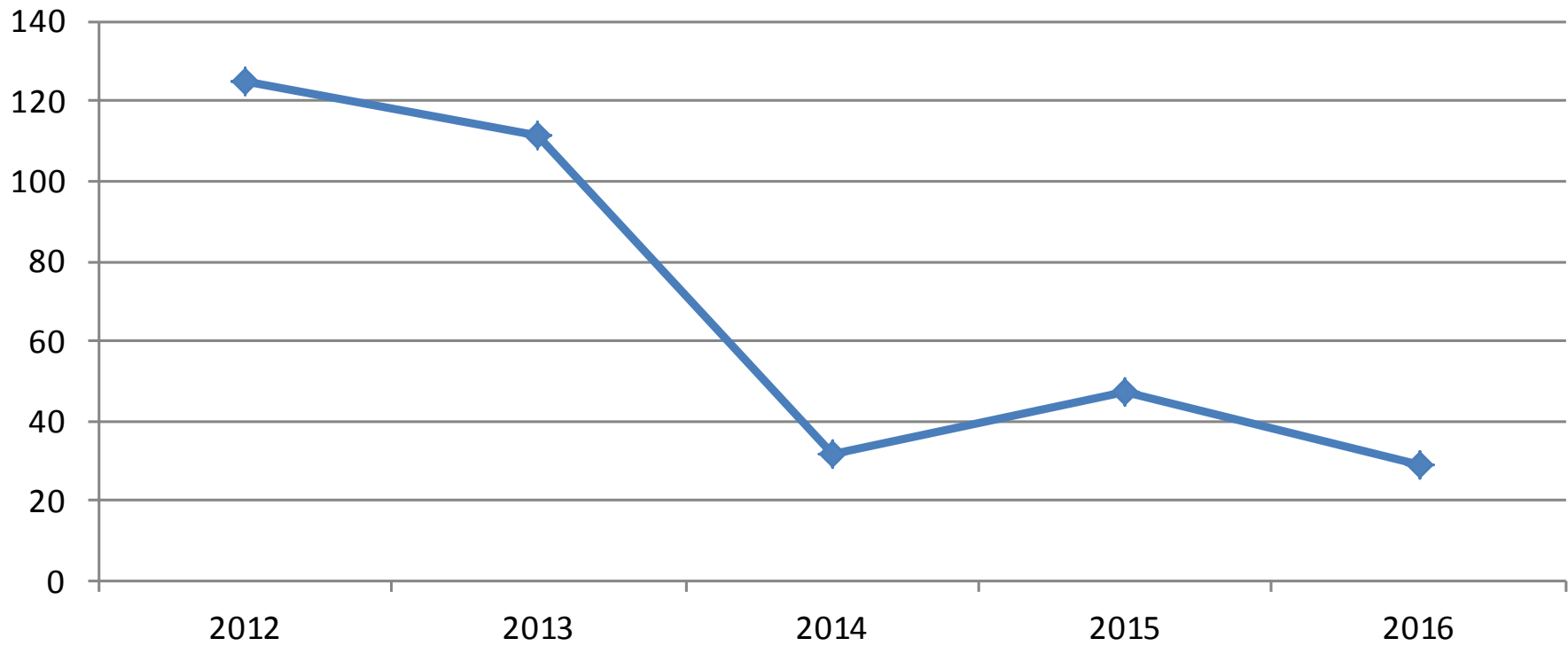
Mercury (lbs)



**2016 Mercury values are for Unit 2 only. The other units' values are not available yet.
Mercury was lower in 2015 and 2016 due to higher removal rate settings to assure compliance with the MATS Rule.**

Yearly Emissions - 5 Years

PM (tons)



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

Mass Emissions - 5 Year Comparison

		SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
Sept. 2013		94.7	79.9			122,622	1,342,509	132,178
Sept. 2014		66.2	95.3			123,038	1,299,843	130,011
Sept. 2015		63.1	56.3	0.7	6.9	142,230	1,647,298	173,435
Sept. 2016		41.2	81.6	0.4	6.3	125,385	1,584,838	167,156
Sept. 2017		27.0	86.0	0.1	0.7	88,202	1,214,601	124,647
Sept. 2013								
		SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
	DH1	0.0	3.5			3,047.2	51,288.0	4,611.0
	DH2	94.6	71.9			101,802.3	992,217.0	102,541.0
	DHCT3	0.1	0.4			1,267.5	21,278.0	1,624.0
	JRKCC1	0.0	4.1			16,505.0	277,726.0	23,402.0
	TOTAL	94.7	79.9	0.000	0.00	122,622.0	1,342,509.0	132,178.0
Sept. 2014								
		SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
	DH1	0.0	0.0			0.0	0.0	0.0
	DH2	66.1	89.3			108,812.9	1,060,549.0	103,455.0
	DHCT3	0.0	0.1			148.1	2,486.0	138.0
	JRKCC1	0.1	5.9			14,076.7	236,808.0	26,418.0
	TOTAL	66.2	95.3	0.000	0.00	123,037.7	1,299,843.0	130,011.0
Sept. 2015								
		SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
	DH1	0.0	6.3			6,411.8	107,895.0	9,896.0
	DH2	62.9	44.5	0.68	6.95	105,357.0	1,026,863.0	101,894.0
	DHCT3	0.0	0.1			333.7	5,613.0	454.0
	JRKCC1	0.2	5.4			30,127.4	506,927.0	61,191.0
	TOTAL	63.1	56.3	0.680	6.95	142,229.9	1,647,298.0	173,435.0
Sept. 2016								
		SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
	DH1	0.1	15.6			14,379.4	241,942.0	20,009.0
	DH2	40.9	57.9	0.40	6.31	74,152.7	722,766.0	71,160.0
	DHCT3	0.0	0.2			753.0	12,669.0	967.0
	JRKCC1	0.2	7.9			36,100.3	607,461.0	75,020.0
	TOTAL	41.2	81.6	0.403	6.31	125,385.4	1,584,838.0	167,156.0
Sept. 2017								
		SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
	DH1	0.1	13.3			12,969.7	218,254.0	17,232.0
	DH2	26.7	65.7	0.112	0.745	38,093.2	371,411.0	37,088.0
	DHCT3	0.0	0.1			223.4	3,760.0	261.0
	JRKCC1	0.2	6.9			36,915.8	621,176.0	70,066.0
	TOTAL	27.0	86.0	0.112	0.7	88,202.1	1,214,601.0	124,647.0

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	NA	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	0.00000432	0.08682	1.01171
DHCT3	0.00000	0.39591	0.000		0.78149
JRKCC1	0.00502	0.21046	0.000	NA	0.488

2017 (Jan-Sept)

	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	8.5	141.3			129,644.9			2,177,991.0	183,460.0
DH2	239.6	684.2	1.7	21.17	388,813.1			3,797,126.0	383,681.0
DHCT3	0.0	1.3			5,270.1			88,664.0	6,466.0
JRKCC1	1.3	54.1			263,559.2			4,434,914.0	533,353.0
TOTAL	249.4	880.9	1.655	21.2	787,287.3			10,498,695.0	1,106,960.0

2017 (Jan-Sept.) - Emissions per MWh

	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	0.09266	1.54039			0.70667			2,177,991.0	183,460.0
DH2	1.24895	3.56650	0.00000	0.11035	1.01338			3,797,126.0	383,681.0
DHCT3	0.00000	0.40210			0.81505			88,664.0	6,466.0
JRKCC1	0.00487	0.20287			0.49416			4,434,914.0	533,353.0

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
GREC 2017 Emissions Quarter 1, January-March 2017											
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		2017	ARP	2.169	0.070	39.92	121746.1	1168275.9
GREC 2017 Emissions Quarter 2, April-June 2017											
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		2017	ARP	2.804	0.063	47.65	158148.8	1515432.9

LEGAL FEES

YEAR-to-DATE

September 2017 YTD

VENDOR	Specialty	FY17 Year-to-Date	Pending for FY 2017
HOPPING GREEN & SAMS	Environment	\$ 46,429.53	\$ 3,502.00
ORRICK HERRINGTON	Former Bond Counsel	\$ 17,649.86	\$ -
HOLLAND & KNIGHT	Current Bond Counsel	\$ 166,722.50	\$ -
BRYANT MILLER OLIVE	Current Disclosure Counsel	\$ 188,658.61	\$ -
BROAD & CASSEL	Former Disclosure Counsel	\$ 283.00	\$ -
WINSTON & STRAWN	GREC	\$ 2,714,649.32	\$ 138,142.33
BALLER HERBST LAW GROUP	Telecommunications	\$ 5,600.00	\$ -
JOHN & HENGERER		\$ 2,388.75	\$ -
		\$ 3,142,381.57	\$ 141,644.33

WATER/WASTEWATER

Production

Maintenance

Projects

Water/Wastewater Monthly Dashboard

Production

Murphree Water Treatment Plant

		September 2017	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	23.9	23.3	30	78%	
	Peak Daily Flow	27.8	32.2	54	-	

Main Street Water Reclamation Facility

		September 2017	FY to Date (mgd)	Permitted Capacity (mgd)		Status
	Average Daily Flow	11.6	6.9	7.5		

Kanapaha Water Reclamation Facility

		September 2017	FY to Date (mgd)	Permitted Capacity (mgd)		Status
	Average Daily Flow	17.5	11.7	14.9		

Water Reclamation Facilities (Combined)

		September 2017	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	29.1	18.6	22.4	83%	

Maintenance

Wastewater Collections

		Sept 2017 (Miles)	FYTD	Monthly Goal (miles)	
	Miles of gravity mains cleaned	6.8	67.5	7.5	
	Miles of gravity mains TV inspected	2.9	62.6	7.5	

Water Distribution & Wastewater Collections

		Sept 2017	FYTD		
	Work orders, service orders completed	1094	16,451		

SSO Monthly Summary

		September	YTD	GOAL	
	Sanitary Sewer Overflows	48 (see notes)	75	<16	

Notable Water/Wastewater Events

Hurricane Irma

	<ul style="list-style-type: none"> - Total SSOs = 48 - Total Impact to Creek = 20 - Total Volume Released (Stormwater + WW) = 3.5 MGal - Total Volume Released (WW) = 700,000 gal 				
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