

STATE OF THE UTILITY

SHARED DATA

Safety

Environmental

Regulatory

Personnel

Safety

Employees

	Current Month			Year to Date		
	First Aid	Recordable	DART	First Aid	Recordable	DART
Administration	0	0	0	0	0	0
W/WW Systems	0	1	1	0	5	1
Energy Supply	0	0	0	2	1	1
Energy Delivery - Electric/Gas	0	1	1	0	8	5
GRUCom	0	0	0	0	0	0
Totals		2			14	

Vehicles

	Current Month			Year to Date		
	Miles Driven	Recordable	Preventable	Miles Driven	Recordable	Preventable
Administration	14,375	0	0	119,637	1	1
W/WW Systems	83,174	0	0	603,002	3	1
Energy Supply	39,548	0	0	51,408	0	0
Energy Delivery - Electric/Gas	110,268	2	1	881,477	10	2
GRUCom	9,056	0	0	74,938	0	0
Totals	256,421	2		1,730,462	14	

Environmental

	Current Month		Calendar Year to Date	
Notices of Violation		0		0
Emissions				
DH1, DH2, DHCT3, JRKCC1				
	CO ₂ (tons)	112,059		258,478
	NO _x (tons)	143		229
	SO ₂ (tons)	45.4		63.7
DH Unit 2 (only)				
	PM _{FILT} (tons)	8		8
	Hg (lbs)	0.42		0.42

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	9.00	6.00	3.00
GRU-Administration/ Legal Services	1.00	1.00	0.00
GRU-Customer Support Services	121.25	106.25	15.00
GRU-Customer Support Services/ Business Services	6.00	5.00	1.00
GRU-Customer Support Services/ Communications	5.00	5.00	0.00
GRU-Energy Delivery	265.00	239.00	26.00
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	35.00	4.00
GRU-Information Technology	63.00	50.00	13.00
GRU-Water/ Wastewater	169.00	155.00	14.00
Total	877.75	792.25	85.50

Utility Advisory Board Monthly Report – FY 2017 Safety Data Summary

Employee Injuries (DART – days away, restricted duty, temporary transfer)

10/25/2016	Employee bruised his left hip, shoulder and tailbone when he slipped on wet concrete (DART - restricted duty/transfer)
10/25/2016	Employee was opening a service door on a trac-hoe. He lost his balance and fell off the tracks to the ground, causing impact injury
10/26/2016	Employee sprained his left ankle while walking at the grass edge where it meets the sidewalk (DART - restricted duty/transfer)
12/16/2016	Employee was stopped at the red light when his pick-up truck was rear-ended causing pain in his neck/back
<hr/>	
1/12/2017	While responding to a service call, a contractor started verbally abusing the employee and then assaulted the employee
1/17/2017	Ratchet slipped off of a gas regulator bolt being tightened, pinching/cutting finger holding regulator
2/2/2017	While pushing down on a container repositioning tool, the tool slipped and he fell forward striking his head on the container causing a laceration above his right eye
2/8/2017	While responding with the vacuum truck to start removing coal from the bunker, an employee was injured when a surge of coal moved through the suction piping causing it to break and snatch the rope out of the employee's hand. The rope was tied to the suction hose and a piece of pipe that was placed in the hole. The employee was using the rope to help hold the pipe so it did not fall into the bunker. (DART - restricted duty/transfer)
2/14/2017	Employee strained right shoulder while shutting off a gas service (DART - restricted duty/transfer)
3/1/2017	Employee bitten multiple times by a pit bull dog; bites and abrasions to right arm and hand, left leg and abdomen (DART - lost days)

Utility Advisory Board Monthly Report – FY 2017 Safety Data Summary Continued

3/6/2017 Employee bitten twice in a confrontation with multiple dogs. Injury to his right leg and left hand/knuckle

3/16/2017 Employee received second degree burns to his lower left back when his shirt caught fire from the heat of a recently completed weld

5/10/2017 The employee stepped over a pipe and his foot landed on a loose bolt on the pad, which caused the employee to loose balance and sprain his right ankle. (DART – lost days)

5/19/2017 Employee was rear ended by a private driver and over the weekend experience pain in the right shoulder area as a result of the collision. (DART - restricted duty/transfer)

Vehicle Accidents (P) indicates preventable by our employee

10/17/2016 Employee had started to turn left into traffic and had to stop as oncoming traffic conditions changed and was rear ended by the driver behind him

11/22/2016 Employee was merging into left turn lane and contacted another vehicle (P)

12/2/2016 Employee stopped in traffic and was rear ended by vehicle behind when person's foot came off of brake

12/16/2016 Employee was stopped at a red light when his pick-up truck was rear-ended. Employee was sent for medical follow-up

1/5/2017 Employee was backing out of parking spot and struck another vehicle's back bumper (P)

1/11/2017 Employee was driving a semi tanker south on Tower Road. A driver stopped in the median accelerated to merge in behind the truck, but struck the rear tires of the trailer. No injuries or damage to our vehicle. Minor damage to citizen's vehicle

Utility Advisory Board Monthly Report – FY 2017 Safety Data Summary Continued

- 3/15/2017 Employee was hit from behind while accelerating from a stop at a traffic light. The car that hit our vehicle had been rear ended causing it to accelerate into the GRU vehicle
- 3/27/2017 Employee hit an A/C condensing unit that was positioned at the edge of a narrow service drive behind business. Minor damage was done to the front left fender, and no damage was apparent to the A/C unit (P)
- 5/02/2017 Employee bumped into the vehicle ahead of him while trying to silence an Amber Alert alarm on his phone. Employee was easing forward, approaching a stop sign behind a couple of vehicles. There was minor damage to both vehicles, no injuries reported and employee was sent for follow-up drug testing(P)
- 5/19/2017 Employee was in stop and go traffic moving toward a traffic signal at 39th Avenue. Truck behind him had stopped and then thinking the traffic was moving again accelerated into the stationary GRU vehicle. Both vehicles had damage to their respective bumpers, and GRU employee was placed on light duty for pain in right shoulder area.

STATE OF THE UTILITY

CUSTOMER OPERATIONS

Operations Data

Customer Operations Metrics Summary May 2017

Active Accounts	May-17	YTD Gain/Loss	FY16
<i>Residential Contract Accounts</i>			
Total	89,474	609	88,865
Electric	83,136	462	82,674
Gas	33,110	311	32,799
Water	62,545	376	62,169
Wastewater	58,525	374	58,151
Telecomm	143	(10)	153

Active Accounts	May-17	YTD Gain/Loss	FY16
<i>Nonresidential Contract Accounts</i>			
Total	13,603	10	13,593
Electric	11,058	24	11,034
Gas	1,624	4	1,620
Water	5,859	6	5,853
Wastewater	4,623	19	4,604
Telecomm	332	18	314

New Installations	May-17	FY17 To Date	FY16
Electric	583	1146	1,638
Gas	32	283	589
Water	60	360	756
Wastewater	57	341	485
Telecomm	23	156	248

Residential Disconnects	May-17	FY17 To Date	FY16
Volume	1,208	9,585	14,593
Average Balance	\$237.64	\$244.90	\$247.00

Call Center Volume	May-17	FY17 To Date	FY16
Average Speed of Answer	0:02:27	0:04:06	0:07:04
CSR Calls	17,245	110,648	251,522
IVR Self Service	20,909	162,060	318,483
Total	38,154	272,708	570,005
IVR/Total	55%	59%	56%

Revenue Assurance	May-17	FY17 To Date	FY16
Referred to Collections	\$113,835.70	\$1,683,798.60	\$1,461,488.40
Recovered	\$25,564.70	\$331,240.42	\$361,420.79

Service Orders	May-17	FY17 To Date	FY16
Move Ins	10,421	59,912	137,265
Move Outs	11,109	59,905	132,836

Bills Generated	May-17	FY17 To Date	FY16
Paper Bills	114,074	819,064	1,300,894
eBills	17,108	130,399	179,960
Total	131,182	949,463	1,480,854
eBill/Total	13%	14%	12%

Average Res Bill Amounts	May-17	FY17 To Date	FY16
Electric (kWh)	743	697	840
Electric (\$)	\$111.05	\$104.98	\$126.96
Gas (Therms)	11	19	18
Gas (\$)	\$22.97	\$32.17	\$29.61
Water (kGals)	5	5	4
Water (\$)	\$35.66	\$31.80	\$27.47
Wastewater (kGals)	5	5	6
Wastewater(\$)	\$38.15	\$38.69	\$41.13

Payment Arrangements	May-17	FY17 To Date	FY16
Total	8,388	62,592	97,287

STATE OF THE UTILITY

ENERGY DELIVERY

Operations Data & Projects

Durations Reliability Report Between 5/01/2017 and 5/31/2017

Includes Extreme Weather and Generation/Transmission Disturbances



**MONTHLY
AVG GOAL**

CUSTOMER DATA	RELIABILITY INDICIES			MONTHLY AVG GOAL
Monthly Average Customers Served(C)	95218	Average Service Availability Index (ASAI)	99.9878 %	
Total Hours of Customer Demand	68,556,960	System Average Interruption Duration Index (SAIDI)	5.29 Mins	4.5 Mins
Total Number of Outages	86	Customer Average Interruption Duration Index (CAIDI)	38.72 Mins	55 Mins
Total Number of Customers Affected (CI)	13002	System average Interruption Frequency Index (SAIFI)	0.14	.08
Total Customer Minutes Interrupted (CMI)	503398			
Total Customer "Out Minutes"	9204	Average Length of a Service Interruption (L-Bar)	107.02 Mins	

Guide for Power Distribution Reliability Indices

Outage Duration Times

Average Hours	1
Maximum Hours	9
Minimum Hours	0

Cause of Outages

Cause	Overhead	Underground	Undetermined	Total
1. Weather	0	0	0	4
1. Vegetation	1	4	2	22
1. Animals	5	2	1	22
1. Foreign Interference	0	0	0	0
1. Human Cause	0	2	0	3
1. Undetermined	0	1	1	3
1. Equipment Failure	9	20	2	31
1. All Remaining Outages	0	0	0	0
Total	15	29	6	85

Durations Reliability Report Between 1/01/2017 and 5/31/2017

Includes Extreme Weather and Generation/Transmission Disturbances



**MONTHLY
AVG GOAL**

CUSTOMER DATA	RELIABILITY INDICIES			MONTHLY AVG GOAL
Monthly Average Customers Served(C)	95218	Average Service Availability Index (ASAI)	99.9931 %	
Total Hours of Customer Demand	342,784,800	System Average Interruption Duration Index (SAIDI)	14.87 Mins	4.5 Mins
Total Number of Outages	272	Customer Average Interruption Duration Index (CAIDI)	41.71 Mins	55 Mins
Total Number of Customers Affected (CI)	33942	System average Interruption Frequency Index (SAIFI)	0.36	.08
Total Customer Minutes Interrupted (CMI)	1415633			
Total Customer "Out Minutes"	31516	Average Length of a Service Interruption (L-Bar)	115.87 Mins	

Guide for Power Distribution Reliability Indices

Outage Duration Times

Average Hours	1
Maximum Hours	9
Minimum Hours	0

Cause of Outages

Cause	Overhead	Underground	Undetermined	Total
1. Weather	12	10	0	26
1. Vegetation	35	33	2	85
1. Animals	16	9	1	40
1. Foreign Interference	0	2	0	2
1. Human Cause	9	6	1	17
1. Undetermined	2	4	1	9
1. Equipment Failure	24	55	13	92
1. All Remaining Outages	0	0	0	0
Total	98	119	18	271

ENERGY DELIVERY - UAB REPORT - MAY 2017

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)

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
- > SW 4th Ave OH to UG Conversion
- > Inception (mixed use development)
- > Exactech Inc. Parking Garage

ENERGY DELIVERY - UAB REPORT - MAY 2017

Energy Delivery - Major Construction Projects - Gas

Major Gas Design Projects:

- > Prepare SW 4th Avenue bare steel removal plans.
- > Design for replacement of 3215 feet of bare steel gas main at 400-800 blocks SW 10th St.
- > Prepare permit request for and construction plans for The Windsor on NW 80th St (County), and 4205 NW 6th St, 100 ft (FDOT) and the Fairfield Inn along Archer Road and SW 37th Blvd (FDOT).
- > Receive County permit approval for Gloria's Way S/D gas system, 3,779 ft.
- > Prepare construction plans for Aloft Hotel, 1,400 ft.

Gas Main Installed in April 2017

- 1 Completed Main Installation for the new commercial complex at NW 43rd St and NW 53rd Ave. Services to be installed at a later date.
- 2 Started Main Extension on NW 34th St (near 441) for the new fire station.
- 3 Arbor Green Subdivision PH 2, Main Installation. In total, we will install 3700' of main. This project is approximately 70% complete.
- 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 the main for construction. Currently waiting on contractor's progress.
- 6 The Gas Main and services have been installed for the new "Standard" building.
- 7 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.
- 9 We will be beginning the Main Installation for "Gloria's Way" Subdivision (3,779').
- 10 We will also be beginning the annual gas leak survey soon. We have two men walk (with flame-packs) 20% of the system, additionally the business area gets surveyed
- 11 New Hotels coming this summer: Staybridge, Drury Inn, Fairfield Inn, Aloft Hotel, Holiday Inn, Alachua.
- 12 We are using a replacement project primarily on NW 3rd St (near Univ. Ave.) as fill in work. When completed, we will have removed approximately 1.5 Miles of old black plastic and bare steel mains.

New Services installed in May: 27 – New Customer work/Not replacement work.

ENERGY DELIVERY - UAB REPORT - MAY 2017

Electric System Consumption

ELECTRIC SYSTEM	CONSUMPTION	CUSTOMERS
Feed-In-Tariff - Residential	45 KWH	102
Feed-In-Tariff - General Service	1,996 KWH	157
Electric - GS - Demand - Regular	45,913,979 KWH	1,213
Electric - General Service Demand PV	645,634 KWH	17
GREC Startup Supplemental and Standby	0 KWH	1
Electric - GS - Kanapaha w Curtail Cr	1,028,400 KWH	1
Electric - GS - Demand - Large Power	6,514,920 KWH	8
Electric - GS - Murphree Curtail Credit	1,531,200 KWH	1
Electric - GS Large Demand PV	3,650,400 KWH	2
Electric - GS - Non Demand	13,939,885 KWH	9,701
Electric - General Service PV	70,359 KWH	51
Electric - Lighting - Rental	1,020,671 KWH	4,429 <i>n</i>
Electric - Lighting - Street - City	792,800 KWH	14 <i>n</i>
Electric - Lighting - Street - County	299,343 KWH	2 <i>n</i>
Electric - Lighting - Traffic	4,542 KWH	2 <i>n</i>
Electric - Residential - Non TOU	61,826,740 KWH	85,728
Electric - Residential PV	105,991 KWH	200
Total Retail Electric (<i>n</i> =not included in total)	<u>137,346,905 KWH</u>	<u>97,182</u>
City of Alachua	11,771,000 KWH	24,989 KW
City of Winter Park	7,440,000 KWH	10,000 KW
Total (Native) Electric	156,557,905 KWH	

ENERGY DELIVERY - UAB REPORT - MAY 2017

Gas System Consumption

GAS SYSTEM

Gas - GS - Regular Service (Firm)	654,296 THM	1,401
Gas - GS - Regular Service (Small)	12,079 THM	252
Gas - GS - Interruptible - Regular Serv	51,384 THM	1
Gas - GS - Interruptible - Large Volume	333,045 THM	6
Gas - Residential - Regular Service	343,623 THM	33,554
Total Retail Gas	<u>1,394,427 THM</u>	<u>35,214</u>
Gas - GS - UF Cogeneration Plant	3,253,248 THM	1
Gas - Residential - LP - Basic Rate	2,339 GAL	198
GREC Gas (PGA Only)	250 THM	1

STATE OF THE UTILITY

ENERGY SUPPLY

Operations Data & Projects

Energy Supply - May 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	60,243	60,243	79,931	19,688
DH-1	18,514	151,595	-	(18,514)
Kelly CC	53,118	463,584	75,735	22,617
CT's	1,558	6,782	-	(1,558)
Grid	9,500	321,803	6,327	(3,173)
GREC	37,178	202,747	-	(37,178)

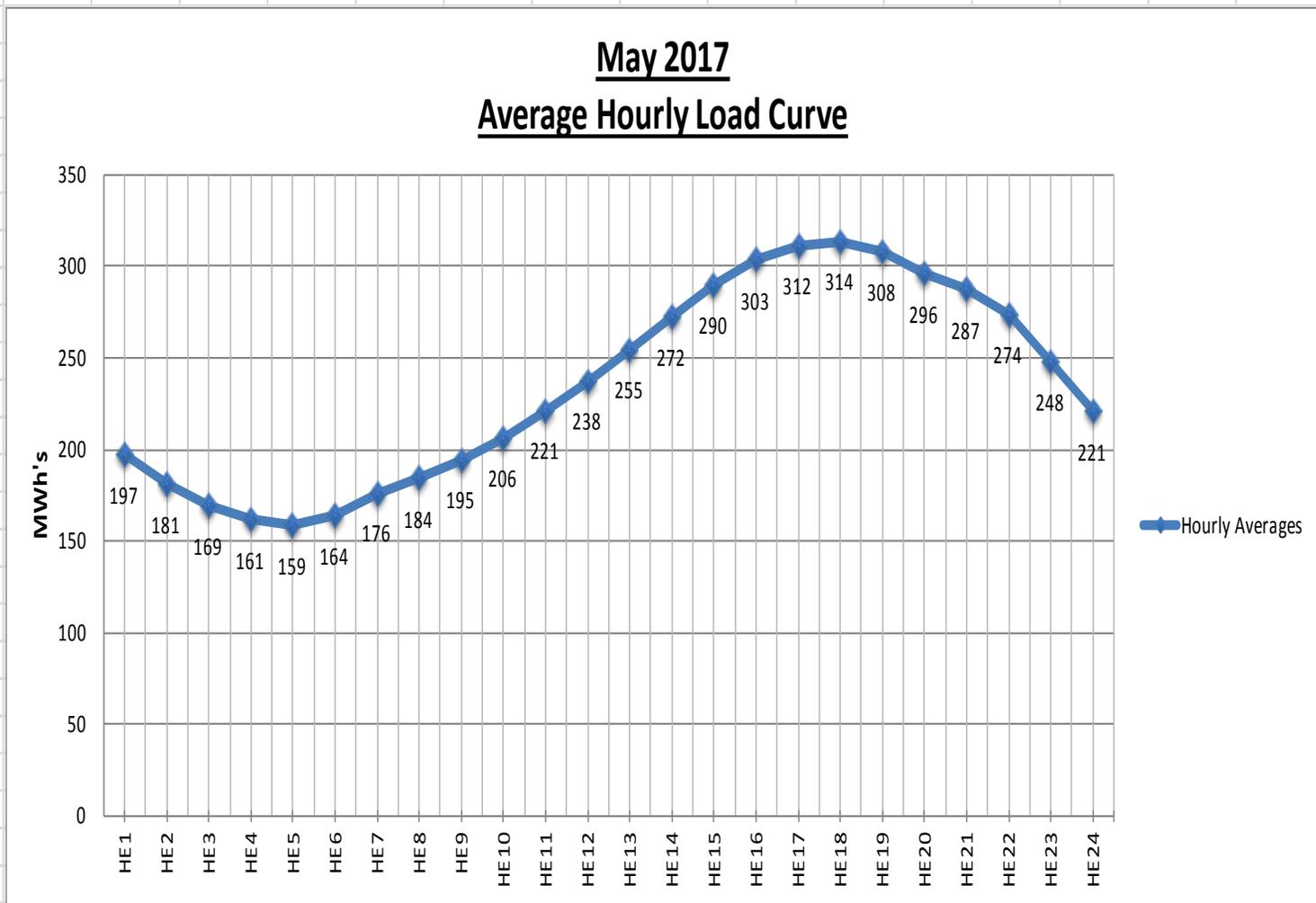
Average Energy Distribution Curve

Curve 1 is the hourly distribution of load averages over the month - Page 16
 Curve 2 is peak load per day - Page 17

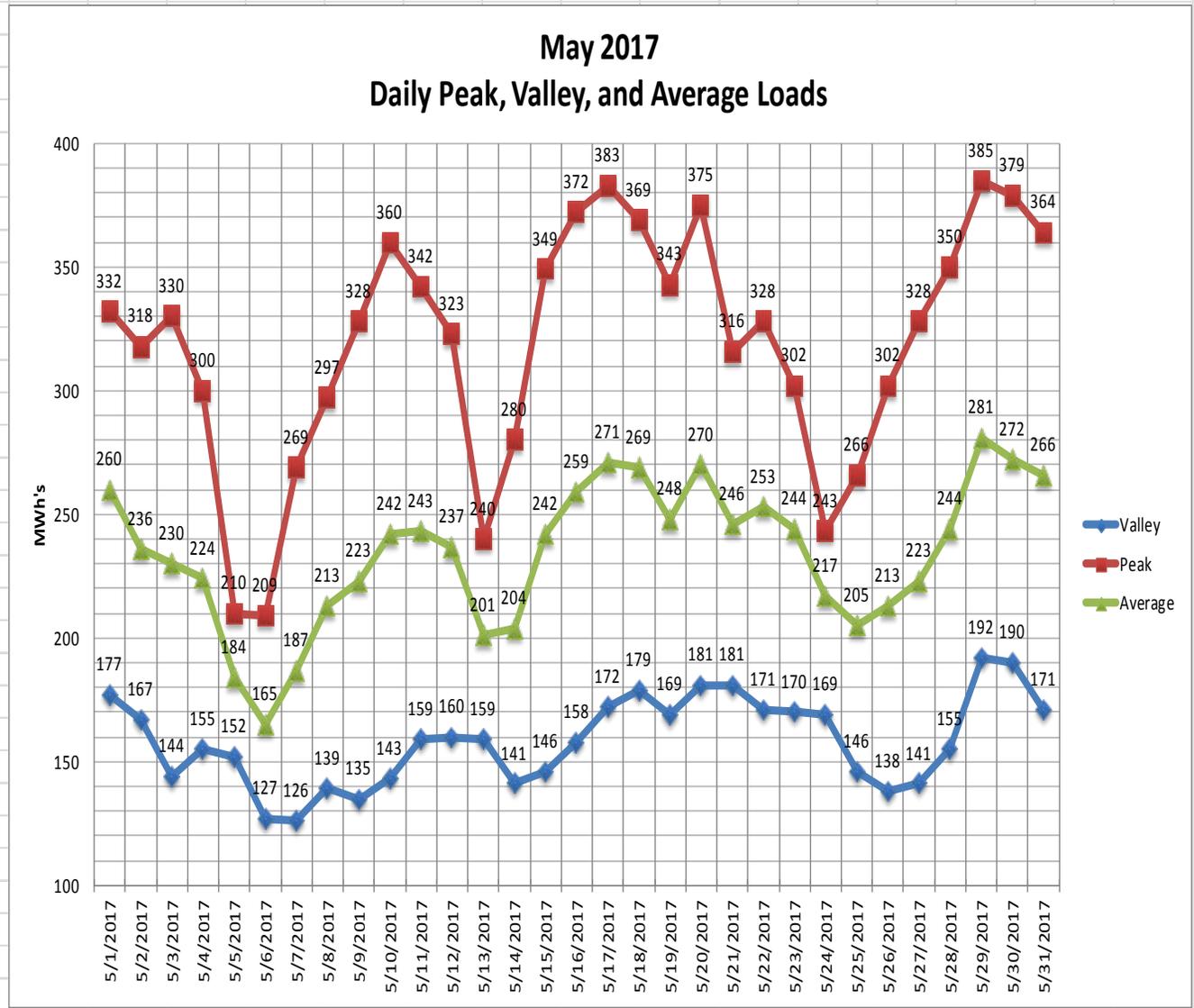
Fuel Consumed

	Month	YTD	Budget YTD	Delta Budget
Coal - Tons	22,863	22,863	205,182	(182,320)
Gas-MCF	858,354	5,852,164	5,554,101	298,063
Fuel oil - Gal	8,038	185,335	-	185,335

Hour Ending	Ave. Load
HE1	197
HE2	181
HE3	169
HE4	161
HE5	159
HE6	164
HE7	176
HE8	184
HE9	195
HE10	206
HE11	221
HE12	238
HE13	255
HE14	272
HE15	290
HE16	303
HE17	312
HE18	314
HE19	308
HE20	296
HE21	287
HE22	274
HE23	248
HE24	221



Date	Valley	Peak	Ave
5/1/2017	177	332	260
5/2/2017	167	318	236
5/3/2017	144	330	230
5/4/2017	155	300	224
5/5/2017	152	210	184
5/6/2017	127	209	165
5/7/2017	126	269	187
5/8/2017	139	297	213
5/9/2017	135	328	223
5/10/2017	143	360	242
5/11/2017	159	342	243
5/12/2017	160	323	237
5/13/2017	159	240	201
5/14/2017	141	280	204
5/15/2017	146	349	242
5/16/2017	158	372	259
5/17/2017	172	383	271
5/18/2017	179	369	269
5/19/2017	169	343	248
5/20/2017	181	375	270
5/21/2017	181	316	246
5/22/2017	171	328	253
5/23/2017	170	302	244
5/24/2017	169	243	217
5/25/2017	146	266	205
5/26/2017	138	302	213
5/27/2017	141	328	223
5/28/2017	141	350	244
5/29/2017	192	385	281
5/30/2017	190	379	272
5/31/2017	171	364	266



ENERGY SUPPLY MAJOR PROJECTS

Date: As of 6/6/2017: Major Energy Supply Projects/Milestones Updates:

1. Deerhaven Unit #2 full load testing was re- performed and the Gross MW Load increase went from 244 to 251.5 MW.
 - a. During the recent forced outage to repair a leaking Steam Drum level isolation valve we were able to perform a hot calibration of the governor valves that allowed for this load increase.
2. GREC was removed from service May 18, 2017 for their Planned Outage. Their planned outage was scheduled for May 19-25, and the outage was reported complete the afternoon of May 25.
 - a. In preparation for the Summer Period GRU exercised our right under the Power Purchase Agreement (PPA) to perform a Dependable Capacity Test (DCT). The DCT was performed on May 29 with satisfactory results, and GREC returned to previous standby condition late that same evening.
3. South Energy Center (Phase #2) is starting testing of the new Wartsilla Engine this week. The project is on track with the following milestones:
 - a. Heating Hot Water System is expected to be released for service to Hospital 6/9/2017
 - b. Chiller CHL-003 is expected to be released for service to Hospital 6/16/2017
 - c. Wartsilla Engine is expected to be fully released for service to Hospital 6/19/2017

STATE OF THE UTILITY

Environmental Permitting

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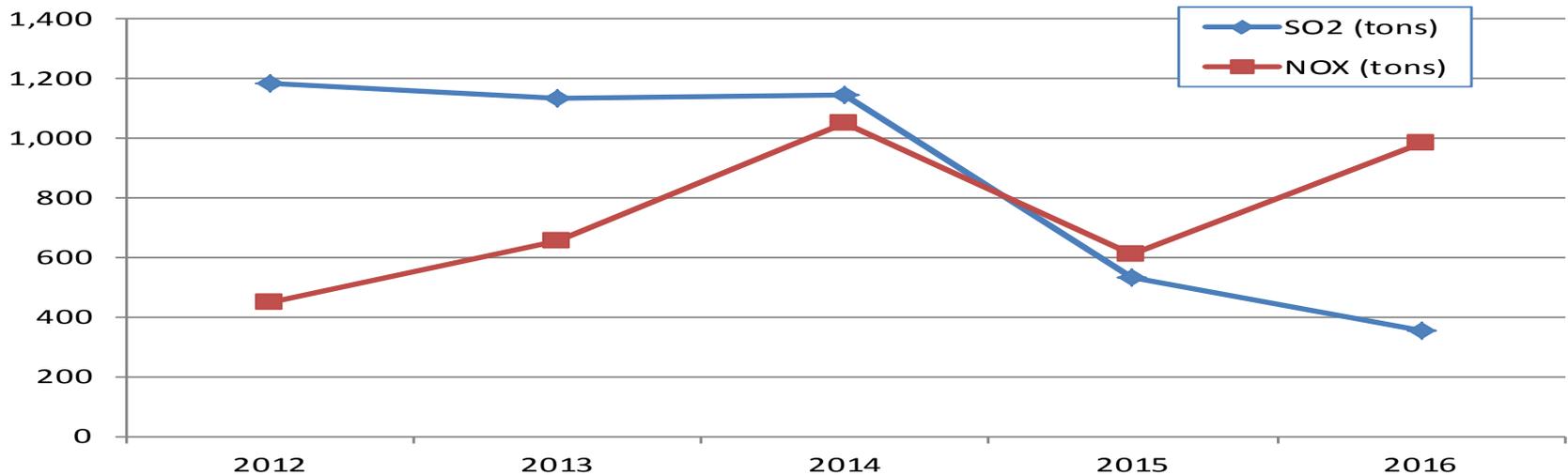
Compliance

Yearly Emissions - 5 Year Comparison

	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 and NO_x (tons)

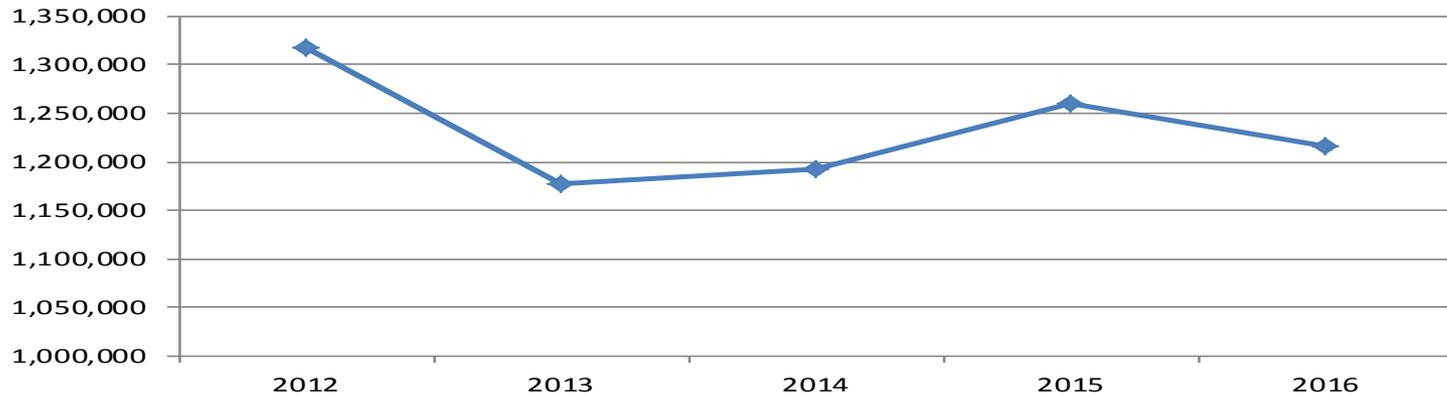


SO₂ was lower in 2015 and 2016 due to higher removal rate settings to assure compliance with the MATS Rule.

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

Yearly Emissions - 5 Year Comparison

CO₂ (tons)

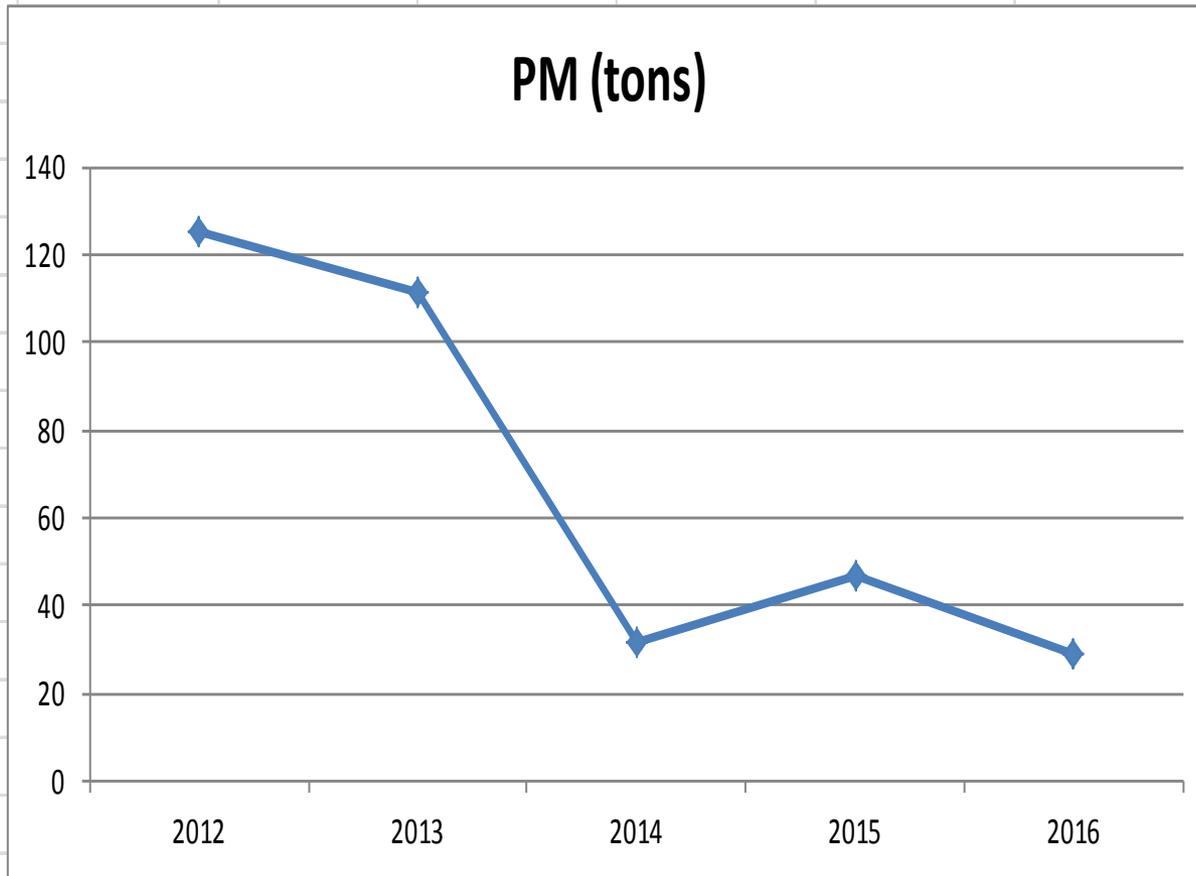


Mercury (lbs)



**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 Year Comparison



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)
	May. 2013	246.9	65.6			127,600	1,328,691	128,480
	May. 2014	167.2	131.6			122,625	1,218,697	122,996
	May. 2015	71.3	62.5			124,654	1,413,642	154,623
	May. 2016	46.2	74.9	0.2	2.5	106,898	1,186,075	116,235
	May. 2017	45.4	143.2	0.4	7.9	112,059	1,417,468	146,018
		SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
May. 2013	DH1	0.0	3.3			3,060.8	51,503.0	3,992.0
	DH2	246.7	58.7			115,581.4	1,126,527.0	113,157.0
	DHCT3	0.1	0.1			471.1	7,868.0	10.5
	JRKCC1	0.1	3.5			8,487.0	142,793.0	11,320.0
	TOTAL	246.9	65.6	0.000	0.00	127,600.3	1,328,691.0	128,479.5
		SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
May. 2014	DH1	0.0	3.3			2,776.2	46,729.0	4,211.0
	DH2	167.2	128.2			119,304.3	1,162,805.0	118,094.0
	DHCT3	0.0	0.1			544.5	9,163.0	691.0
	JRKCC1	0.0	0.0			0.0	0.0	0.0
	TOTAL	167.2	131.6	0.000	0.00	122,625.0	1,218,697.0	122,996.0
		SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
May. 2015	DH1	0.0	0.0			0.0	0.0	0.0
	DH2	71.2	54.3			96,633.4	942,140.0	100,148.0
	DHCT3	0.0	0.2			620.4	10,438.0	784.0
	JRKCC1	0.1	8.0			27,400.1	461,064.0	53,691.0
	TOTAL	71.3	62.5	0.000	0.00	124,653.9	1,413,642.0	154,623.0

Mass Emissions Rate - 5 Year Comparison 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)
May. 2013	DH1	0.00000	1.65331			0.76673	51,503.0	3,992.0
	DH2	4.36031	1.03750			1.02143	1,126,527.0	113,157.0
	DHCT3	19.04762	19.04762			44.86667	7,868.0	10.5
	JRKCC1	0.01767	0.61837			0.74973	142,793.0	11,320.0
		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)
May. 2014	DH1	0.00000	1.56732			0.65927	46,729.0	4,211.0
	DH2	2.83164	2.17115			1.01025	1,162,805.0	118,094.0
	DHCT3	0.00000	0.28944			0.78799	9,163.0	691.0
	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)
May. 2015	DH1	0.00000	0.00000			0.00000	0.0	0.0
	DH2	1.42190	1.08440			0.96491	942,140.0	100,148.0
	DHCT3	0.00000	0.51020			0.79133	10,438.0	784.0
	JRKCC1	0.00373	0.29800			0.51033	461,064.0	53,691.0
		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)
May. 2016	DH1	0.00000	1.63780			0.66860	335,223.0	29,796.0
	DH2	1.07621	1.17405	0.000002	0.059	1.00786	843,386.0	85,857.0
	DHCT3	0.00000	0.34364			0.76254	7,466.0	582.0
	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)
May. 2017	DH1	0.00971	1.71803			0.75256	260,937.0	20,605.0
	DH2	1.27622	3.34867	0.000006	0.223	0.93939	651,537.0	70,834.0
	DHCT3	0.00000	0.37618			0.84978	22,808.0	1,595.0
	JRKCC1	0.00377	0.24913			0.54085	482,186.0	52,984.0

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 Year-to-Date (Jan-May)

	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	17.9	83.2			74,411.4			1,248,531.0	105,925.0
DH2	45.2	118.6	0.4	7.91	66,540.9			651,537.0	70,834.0
DHCT3	0.0	1.2			4,812.2			80,962.0	5,732.0
JRKCC1	0.6	26.4			112,713.1			1,896,609.0	236,815.0
TOTAL	63.7	229.4	0.415	7.9	258,477.6			3,877,639.0	419,306.0

2017 Year-to-Date (Jan-May)

	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	0.33797	1.57092			0.70249			1,248,531.0	105,925.0
DH2	1.27622	3.34867	0.00001	0.22347	0.93939			651,537.0	70,834.0
DHCT3	0.00000	0.41870			0.83953			80,962.0	5,732.0
JRKCC1	0.00507	0.22296			0.47595			1,896,609.0	236,815.0

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	GREC	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	GREC	57241	BFB1		2017	ARP	2.169	0.07	39.92	121746.132	1168275.865

STATE OF THE UTILITY

WATER/WASTEWATER

Operations Data & Projects

Water/Wastewater Monthly Dashboard

Production						
Murphree Water Treatment Plant						
		May 2017 (mgd)	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	26.1	23.2	30	77%	
	Peak Daily Flow	28.8	28.8	54	-	
Main Street Water Reclamation Facility						
		May 2017 (mgd)	FY to Date (mgd)	Permitted Capacity (mgd)		Status
	Average Daily Flow	4.8	5.5	7.5		
Kanapaha Water Reclamation Facility						
		May 2017 (mgd)	FY to Date (mgd)	Permitted Capacity (mgd)		Status
	Average Daily Flow	10.2	10.6	14.9		
Water Reclamation Facilities (Combined)						
		May 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		
		NOT ABLE TO UPDATE FIGURES FOR MAY				
Water Distribution & Wastewater Collections						
		May 2017	FYTD			
	Work orders, service orders completed	1383	10,125			
SSO Monthly Summary						
		May	YTD	GOAL		
	Sanitary Sewer Overflows	2	16	<16		
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