

STATE OF THE UTILITY

Item #180824

OPERATIONS SUMMARY

CORPORATE SAFETY

ENVIRONMENTAL

REGULATORY

PERSONNEL

February 2019

Safety

Employees

	Current Month		
	First Aid	Recordable	DART
Administration	1	0	0
WWW Systems	0	0	0
Energy Supply	0	0	0
Energy Delivery - Electric/Gas	1	1	0
GRUCom	0	0	0
Totals		1	

	Year to Date		
	First Aid	Recordable	DART
Administration	1	2	2
WWW Systems	1	3	0
Energy Supply	0	0	0
Energy Delivery - Electric/Gas	4	5	2
GRUCom	0	0	0
Totals		10	

Vehicles

	Current Month		
	Miles Driven	Recordable	Preventable
Administration		0	
WWW Systems		0	
Energy Supply		0	
Energy Delivery - Electric/Gas		0	
GRUCom		0	
Totals		0	

	Year to Date		
	Miles Driven	Recordable	Preventable
Administration	61,082	0	0
WWW Systems	309,106	6	4
Energy Supply	31,805	0	0
Energy Delivery - Electric/Gas	388,493	4	3
GRUCom	34,992	0	0
Totals	825,478	10	

February Mileage not yet reported

Totals through January '19

Environmental

		Current Month
Notices of Violation		0
Emissions		
DH1, DH2, DHCT3, JRKCC1		
CO ₂ (tons)		61,661
NO _x (tons)		104
SO ₂ (tons)		46
DH Unit 2 (only)		
PM _{FILT} (tons)		4
Hg (lbs)		0.31

		Calendar Year to Date
Notices of Violation		0
Emissions		
DH1, DH2, DHCT3, JRKCC1		
CO ₂ (tons)		136,862
NO _x (tons)		240
SO ₂ (tons)		107.3
DH Unit 2 (only)		
PM _{FILT} (tons)		9
Hg (lbs)		1.03

Regulatory

		NERC
Notice of Violations		2
Self Reports/Potential Violations		1

		FY to Date
Notice of Violations		4
Self Reports/Potential Violations		5

Personnel

Row Labels	Sum of AUTHORIZED_FTE	Sum of FILLED_FTE	Sum of VACANCY	Change from Last Month
Administration	15.00	13.00	2.00	0
Chief Operating Officer	20.00	19.00	1.00	-1
Customer Support Services	118.25	113.00	5.25	-2.25
Energy Delivery	264.00	242.00	23.00	-1
Energy Supply	145.00	143.00	2.00	1
Energy Supply - District Energy	10.00	10.00	0.00	0
Finance	43.00	24.00	19.00	1
GRUCom	38.00	28.00	10.00	1
Information Technology	71.00	57.00	14.00	3
Water Wastewater	<u>168.00</u>	<u>156.00</u>	<u>12.00</u>	<u>4</u>
Grand Total	892.25	805.00	88.25	5.75

Utility Advisory Board Monthly Report – FY 2019 Safety Data Summary

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

OCTOBER

- 10/08/2018 An employee was struck on both hands when a bathroom paper towel dispenser cover fell. Both hands were injured. (DART – restricted duty)
- 10/17/2018 While changing out a ball valve in a water line under pressure, the employee cut his finger on an old galvanized fitting.
- 10/21/2018 A line worker was injured during mutual aid assignment in the Panhandle. He suffered second degree burns on his left hand from an arc flash while he was cutting an energized 120V service line. (DART Lost time)
- 10/31/2018 While putting away boxes of piping elbows, employee felt a slight pull in her lower back. Employee sought medical treatment on 11/2/18.

NOVEMBER

- 11/09/2018 Employee was bitten by a dog on his left wrist while in a yard reading meters.

DECEMBER

- 12/06/18 Employee slipped on some oil on the concrete floor and injured his right knee.
- 12/19/18 While prying open a valve box, debris was thrown around his safety glasses and into his eyes causing irritation

JANUARY

- 1/11/19 Unknown debris blew into a meter reader's right eye, causing irritation.
- 1/27/19 Working at the headworks to remove a stoppage exposed employee's eyes to aerosols causing eye irritation

FEBRUARY

- 2/25/19 Employee was bitten by a dog on left leg while in yard reading meters.

End of FY 2019

Utility Advisory Board Monthly Report – FY 2019 Vehicle Collision Summary

Vehicle Collisions (P) indicates preventable by our employee

OCTOBER

- 10/02/2018 Backing out of a long wooded drive vehicle caught on a downed tree branch that was lying beside the drive damaging the front bumper and air dam (P)
- 10/15/2018 While a GRU employee was driving into work, another car collided with a deer, which was then thrown into the windshield of his GRU truck.
- 10/30/2018 While driving in the Plant to speak to an operator, the employee made a left-hand turn and scraped a concrete bollard with his truck. (P)

NOVEMBER

- 11/19/2018 Employee was driving a tractor trailer and as he made the turn off of Main Street onto 16th avenue, the rear drivers tire on the trailer struck the front bumper on a vehicle that was stopped in the south bound turn lane causing damage. (P)

DECEMBER

- 12/20/2018 While pulling into a drive-through lane, the intern scraped the driver's side of the pick-up bed on a bollard. (P)
- 12/20/2018 Pulling onto road employee drove over a culvert, damaging the lower front bumper and air dam (P)

JANUARY

- 1/8/2019 While driving into work, a deer ran out of the woods. While the driver saw the deer and braked, the deer still ran into the side of the truck.
- 1/10/19 While moving into the right-turn lane, a dump truck came off a ridge in the pavement and left the right side of the roadway and into the ditch. Once the truck stopped, it rolled over onto its right side causing damage to the truck. (P)
- 1/15/2019 While pulling a pick-up truck next to a fire hydrant to deflect the water stream from flow testing, an intern scraped the side of the truck on the hydrant nozzle, causing minor body damage (P)
- 1/23/19 While stopped in traffic on SW 75th Street, the GRU vehicle was rear-ended.

End of FY 2019

CUSTOMER SUPPORT SERVICES

Customer Operations

New Services

Revenue Assurance

Customer Operations Metrics Summary February 2019

Active Accounts	Feb-19	YTD Gain/Loss	FY18
<i>Residential Contract Accounts</i>			
Total	91,229	249	90,980
Electric	84,576	173	84,403
Gas	33,654	214	33,440
Water	63,254	149	63,105
Wastewater	59,178	166	59,012
Telecomm	128	(1)	129

Active Accounts	Feb-19	YTD Gain/Loss	FY18
<i>Nonresidential Contract Accounts</i>			
Total	13,544	62	13,482
Electric	10,981	46	10,935
Gas	1,664	21	1,643
Water	5,856	9	5,847
Wastewater	4,646	12	4,634
Telecomm	381	15	366

New Installations	Feb-19	FY19 To Date	FY18
Electric	83	466	1512
Gas	30	200	463
Water	43	231	558
Wastewater	25	219	566
Telecomm	8	41	120

Residential Disconnects	Feb-19	FY19 To Date	FY18
Volume	904	6,321	15,305
Average Balance	\$251.76	\$252.02	\$250.07

Call Center Volume	Feb-19	FY19 To Date	FY18
Residential ASA	0:05:19	0:08:22	0:10:59
Business ASA	0:02:59	0:03:04	0:04:19
CSR Calls	17,033	73,382	142,989
CSR Callbacks	954	10,099	25,780
IVR Self Service	16,263	97,427	266,463
Total	33,296	170,809	409,452
IVR/Total	49%	57%	65%

Revenue Assurance	Feb-19	FY19 To Date	FY18
Referred to Collections	\$132,144.31	\$850,461.95	\$1,783,116.51
Recovered	\$77,075.02	\$336,204.86	\$786,025.11

Service Orders	Feb-19	FY19 To Date	FY18
Move Ins	6,319	32,688	116,784
Move Outs	6,417	32,921	116,307

Bills Generated	Feb-19	FY19 To Date	FY18
Paper Bills	97,834	538,449	1,276,432
eBills	16,313	86,784	200,984
Total	114,147	625,233	1,477,416
eBill/Total	14%	14%	14%

Average Res Bill Amounts	Feb-19	FY19 To Date	FY18
Electric (kWh)	785	777	812
Electric (\$)	\$113.81	\$112.46	\$118.11
Gas (Therms)	49	28	21
Gas (\$)	\$68.35	\$43.99	\$34.13
Water (kGals)	5	5	5
Water (\$)	\$28.83	\$29.65	\$30.34
Wastewater (kGals)	5	5	5
Wastewater(\$)	\$40.89	\$37.82	\$36.86

Payment Arrangements	Feb-19	FY19 To Date	FY18
Total	467	3,289	77,512

ENERGY DELIVERY

System Consumption

System Reliability

Major Projects – Electric & Gas

ENERGY DELIVERY - UAB REPORT - FEBRUARY 2019

Durations Reliability Report Between 2/01/2019 and 2/28/2019

Excludes Extreme Weather and Generation/Transmission Disturbances

CUSTOMER DATA	RELIABILITY INDICIES		MONTHLY AVG GOAL
Monthly Average Customers Served(C)	98,230	Average Service Availability Index (ASAI)	99.9921%
Total Hours of Customer Demand	63,653,040	System Average Interruption Duration Index (SAIDI)	3.08 4.5 Mins
Total Number of Outages	29	Customer Average Interruption Duration Index (CAIDI)	60.18 55 Mins
Total Number of Customers Affected (CI)	5,027	System average Interruption Frequency Index (SAIFI)	0.05 0.08
Total Customer Minutes Interrupted (CMI)	302,506		
Total Customer "Out Minutes"	3,081	Average Length of a Service Interruption (L-Bar)	106.24 Mins

Outage Duration Times

Average Hours: 1
Maximum Hours: 5
Minimum Hours: 0

Cause of Outages

Cause	Overhead	Underground	Both	Total
0. Undetermined	4	2	0	6
1. Weather	0	0	0	0
2. Vegetation	2	1	0	3
3. Animals	5	0	0	5
4. Foreign Interference	0	1	0	1
5. Human Cause	5	1	1	7
6. Equipment Failure	2	5	0	7
7. All Remaining Outages	0	0	0	0
Total	18	10	1	29

* Durations Reliability Report Between 01/01/2019 and 2/28/2019

Excludes Extreme Weather and Generation/Transmission Disturbances

CUSTOMER DATA	RELIABILITY INDICIES		FISCAL YTD GOALS
Monthly Average Customers Served(C)	98,230	Average Service Availability Index (ASAI)	99.9876%
Total Hours of Customer Demand	136,736,160	System Average Interruption Duration Index (SAIDI)	10.38 9
Total Number of Outages	69	Customer Average Interruption Duration Index (CAIDI)	59.51 55 Mins
Total Number of Customers Affected (CI)	17,133	System average Interruption Frequency Index (SAIFI)	0.17 0.16
Total Customer Minutes Interrupted (CMI)	1,019,513		
Total Customer "Out Minutes"	7,155	Average Length of a Service Interruption (L-Bar)	103.7 Mins

Outage Duration Times

Average Hours: 1
Maximum Hours: 7
Minimum Hours: 0

Cause of Outages

Cause	Overhead	Underground	Both	Total
0. Undetermined	12	4	1	17
1. Weather	1	0	0	1
2. Vegetation	10	1	1	12
3. Animals	11	1	0	12
4. Foreign Interference	0	1	0	1
5. Human Cause	7	3	4	14
6. Equipment Failure	3	6	2	11
7. All Remaining Outages	1	0	0	1
Total	45	16	8	69

ENERGY DELIVERY - UAB REPORT - FEBRUARY 2019

Electric System Consumption

	2019		2018	
	CONSUMPTION	CUSTOMERS	CONSUMPTION	CUSTOMERS
Feed-In-Tariff - Residential	62 KWH	KWH 102	55 KWH	KWH 101
Feed-In-Tariff - General Service	3,175 KWH	KWH 157	3,716 KWH	KWH 156
Electric - GS - Demand - Regular	45,285,418 KWH	KWH 1,210	45,038,899 KWH	KWH 1,224
Electric - General Service Demand PV	766,512 KWH	KWH 20	773,240 KWH	KWH 16
GREC Startup Supplemental and Standby			-	
Electric - GS - Kanapaha w Curtail Cr	1,030,800	KWH 1	1,024,800	KWH 1
Electric - GS - Demand - Large Power	6,835,840	KWH 7	7,054,600	KWH 8
Electric - GS - Murphree Curtail Credit	1,389,600	KWH 1	1,399,200	KWH 1
Electric - GS Large Demand PV	3,278,400	KWH 2	3,268,800	KWH 2
Electric - GS - Non Demand	13,876,082	KWH 9,738	14,149,813	KWH 9,696
Electric - General Service PV	104,837	KWH 63	108,108	KWH 54
Electric - Lighting - Rental	977,448	KWH 4,200 <i>n</i>	986,462	KWH 4,277 <i>n</i>
Electric - Lighting - Street - City	744,645	KWH 13 <i>n</i>	1,474,696	KWH 14 <i>n</i>
Electric - Lighting - Street - County	186,643	KWH 2 <i>n</i>	24,495	KWH 1 <i>n</i>
Electric - Lighting - Traffic	4,542	KWH 2 <i>n</i>	4,542	KWH 2 <i>n</i>
Electric - Residential - Non TOU	64,969,302	KWH 85,433	66,551,134	KWH 85,051
Electric - Residential PV	223,716	KWH 347	191,484	KWH 249
Total Retail Electric (<i>n =not included in total</i>)	139,677,022	KWH 97,081	142,054,044	KWH 96,559
City of Alachua	8,591,000	KWH 19,816 KW	8,830,000	KWH 18,716 KW
City of Winter Park	-	KWH - KW	6,720,000	KWH 10,000 KW
Total (Native) Electric	148,268,022	KWH	157,604,044	KWH

Gas System Consumption

	2019		2018	
	CONSUMPTION	CUSTOMERS	CONSUMPTION	CUSTOMERS
Gas - GS - Regular Service (Firm)	955,556	THM 1,371	1,015,005	THM 1,389
Gas - GS - Regular Service (Small)	23,411	THM 293	23,274	THM 256
Gas - GS - Interruptible - Regular Serv	38,861	THM 1	43,448	THM 1
Gas - GS - Interruptible - Large Volume	440,565	THM 7	438,958	THM 7
Gas - Residential - Regular Service	1,591,166	THM 33,775	1,668,057	THM 33,443
Total Retail Gas	3,049,559	THM 35,447	3,188,742	THM 35,096
Gas - GS - UF Cogeneration Plant	3,201,495	THM 1	3,322,604	THM 1
Gas - Residential - LP - Basic Rate	7,371	GAL 200	6,122	GAL 197
GREC Gas (PGA only)			-	THM 0

*Obtained from Monthly Billing Summary prepared by Todd Kamhoot.

ENERGY DELIVERY - UAB REPORT - FEBRUARY 2019

Energy Delivery - Major Projects

Major Electric Design Projects

West

- > SW 8th Ave / SW 20th Ave - OH to UG Conversion
- > Tower Rd Market West - Mixed-Use Development) / Grand Oaks Community
- > Chesnut Plantation - Phase 2 - Subdivision

East

- > SE 4th St Roadway Project - OH to UG Conversion
- > CRA South Main Street - OH to UG Conversion
- > Murphree Water Plant - OH to UG Conversion and Rebuild

Major Gas Design Projects:

- > Main Installation – The Vue at Celebration Park – ongoing - 2600’
- > Main Relocation – Campus Advantage – SW 13th St. - completed in mid-February
- > Main Relocation – Duck Pond Mains and Services - 3100' Bare Steel
- > Main Installation – Oakmont Subdivision – ongoing – 10600’
- > Main Installations – Numerous short extensions for new customers

New Gas Services installed in February 2019: 38 New Customers

ENERGY SUPPLY

SYSTEM STATISTICS

ENERGY DISTRIBUTION

FUEL

February 2019

Energy Supply - CAPACITY

Energy Supply - Performance Parameter

Source

	Unit Capability output - MWn	Month	YTD	Budget YTD	Delta Budget
	DH-2	228	51,457	193,579	149,847
DH-1	67*	4,686	50,871	24,742	25,420
Kelly CC	108	89	209,493	345,422	(135,929)
CT's	106	571	4,685	171	4,867
Grid	2 X 224	8,518	35,335	68,439	(33,104)
DHR	102.5	57,053	268,496	139,237	126,808

*DH1 slight derate due to gas filter restriction in Dec

Fuels Consumed

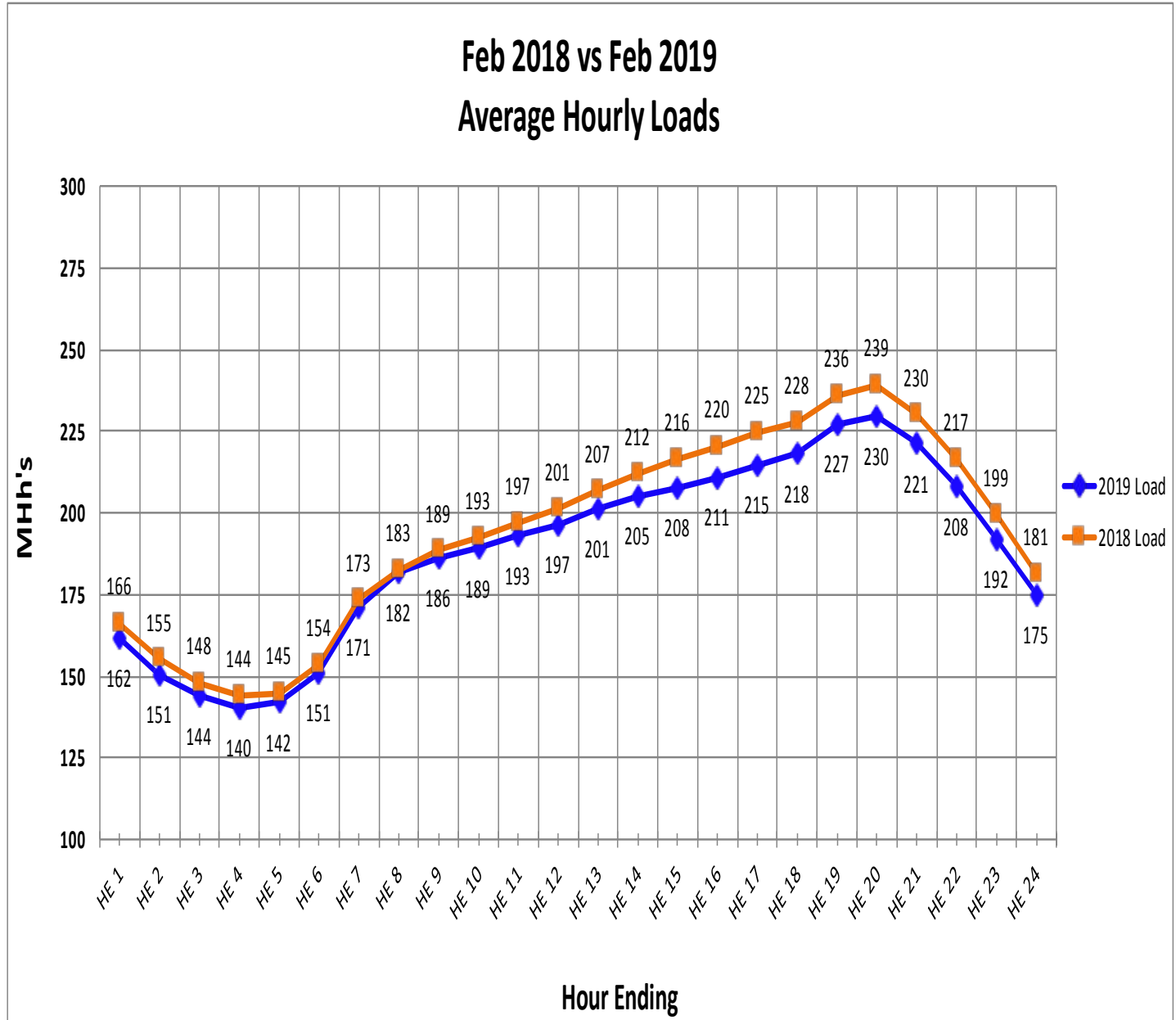
	Month	FYTD	Budget YTD	Delta Budget
Coal - Tons	18,713	78,212	82,345	(4,133)
Gas - MCF	282,102	3,165,737	3,429,947	(264,210)
Fuel oil - Gals	-	9,531	-	9,531
Biomass - Tons	70,657	345,425	176,356	169,069

Availability/Capacity

	Availability			Capacity		
	Month	FY 2019 YTD	FY 2018 YTD	Month	FY 2019 YTD	FY 2018 YTD
DH-2	100.00%	64.08%	96.26%	36.13%	25.45%	30.89%
DH-1	100.00%	98.89%	90.09%	10.00%	19.68%	27.88%
Kelly CC	53.42%	91.11%	75.30%	0.19%	52.21%	47.93%
DH CT-1	99.00%	99.43%	98.89%	0.00%	0.20%	0.41%
DH CT-2	100.00%	98.33%	96.00%	0.00%	0.23%	0.71%
DH CT-3	100.00%	95.85%	50.63%	1.20%	1.70%	4.93%
DHR*	100.00%	93.05%	80.41%	93.95%	82.91%	23.69%

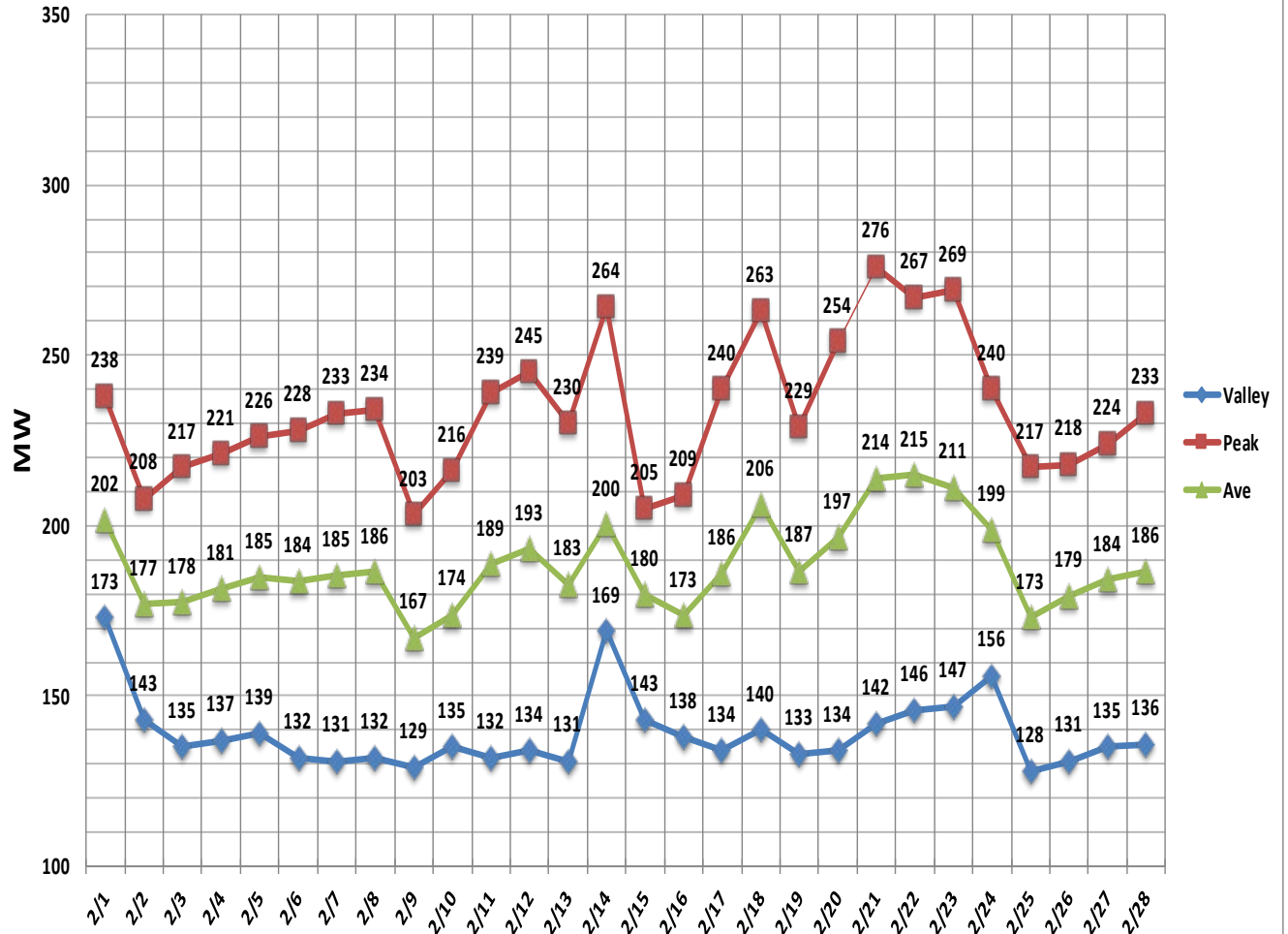
DHR tracking is from Nov. 7th, 2017 forward

February Average Hourly Loads		
Hour Ending	2018 Load	2019 Load
HE 1	166	162
HE 2	155	151
HE 3	148	144
HE 4	144	140
HE 5	145	142
HE 6	154	151
HE 7	173	171
HE 8	183	182
HE 9	189	186
HE 10	193	189
HE 11	197	193
HE 12	201	197
HE 13	207	201
HE 14	212	205
HE 15	216	208
HE 16	220	211
HE 17	225	215
HE 18	228	218
HE 19	236	227
HE 20	239	230
HE 21	230	221
HE 22	217	208
HE 23	199	192
HE 24	181	175



Date	Valley	Peak	Ave
2/1/2019	173	238	202
2/2/2019	143	208	177
2/3/2019	135	217	178
2/4/2019	137	221	181
2/5/2019	139	226	185
2/6/2019	132	228	184
2/7/2019	131	233	185
2/8/2019	132	234	186
2/9/2019	129	203	167
2/10/2019	135	216	174
2/11/2019	132	239	189
2/12/2019	134	245	193
2/13/2019	131	230	183
2/14/2019	169	264	200
2/15/2019	143	205	180
2/16/2019	138	209	173
2/17/2019	134	240	186
2/18/2019	140	263	206
2/19/2019	133	229	187
2/20/2019	134	254	197
2/21/2019	142	276	214
2/22/2019	146	267	215
2/23/2019	147	269	211
2/24/2019	156	240	199
2/25/2019	128	217	173
2/26/2019	131	218	179
2/27/2019	135	224	184
2/28/2019	136	233	186

February 2019
Peak, Valley, and Average Loads



Major Energy Supply Projects/Milestones Updates:

1. Deerhaven Renewable(DHR):

- a. Planned outage begins 3/30/2019 and runs through 4/18/2019. Major scope of work for this outage:
 - i. Control system upgrades for both boiler and turbine
 - ii. Boiler tube leak repair, as well as boiler cleaning and inspection
 - iii. Generator Inspection
 - iv. Induced Draft (ID) Fan expansion joint replacement (current joint has a tear)
 - v. Relay testing
 - vi. Balance of Plant Preventative Maintenance and Testing
- b. Plant required a Short Duration outage on Sunday (3/3/2019) to repair packing leak on boiler feed water regulating valve.
- c. The previously fire damaged Wagner Bulldozer has been returned to plant and commissioned to service by Sun Machinery and Fleet. Rental machine has been sent back.

2. Kelly (JRK):

- a. Planned outage started 2/16/2019 and runs through 3/18/2019. Scope of work for this planned outage is:
 - i. CT4 Combustion Inspection (in progress)
 - ii. Heat Recover Steam Generator (HRSG) inspection (in progress)
 - iii. CT4 Generator Inspection (In progress)
 - iv. Balance of Plant (BOP) inspections and preventative maintenance. (In progress and planned outage work is on track)

3. South Energy Center (SEC):

- a. Finalizing details Wartsila (RICE Engine OEM) on the planned outage for engine 12,000 hour inspection that will occur in late March. In preparation for this outage both the SEC Production Manager and Manager of Outage Planning and Major Maintenance will tour the Wartsila North America facility in Fort Lauderdale, FL the week of March 11, 2019.

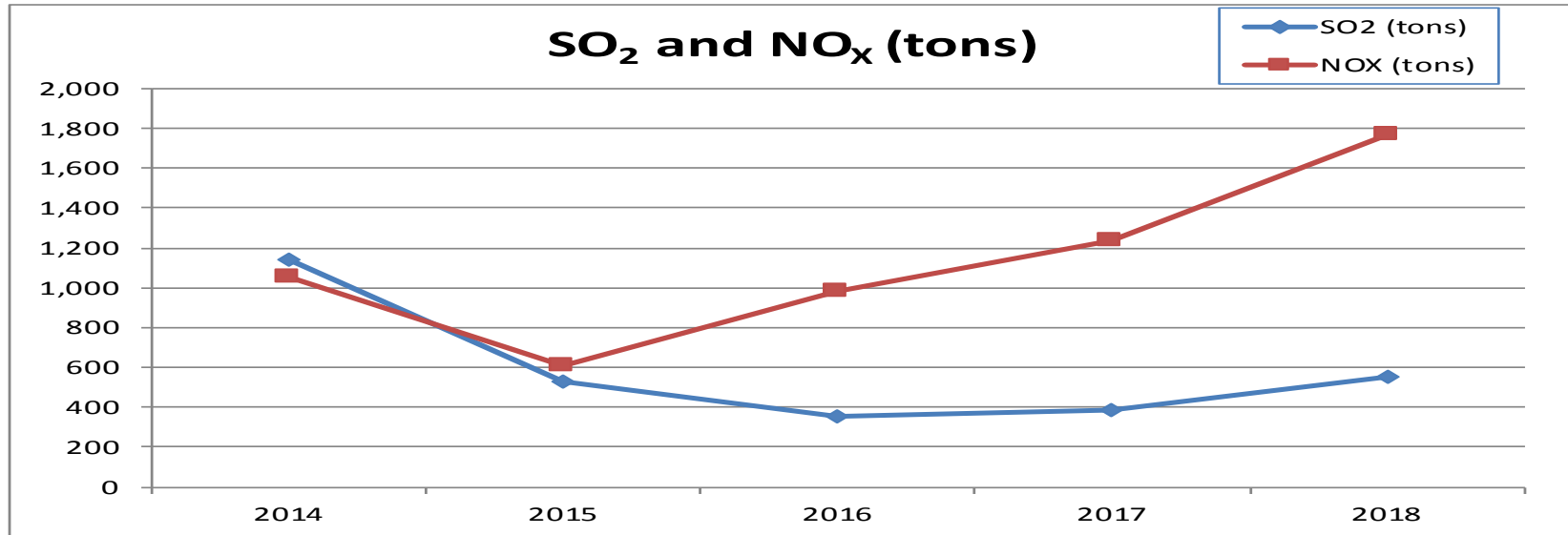
ENVIRONMENTAL PERMITTING

Emissions Data

Yearly Emissions

	SO ₂ (tons)	NO _x (tons)	Mercury (lbs)	PM (tons)	CO ₂ (tons)
2014	1,144	1,052	6.23	32	1,192,647
2015	532	608	5.49	47	1,260,423
2016	354	984	2.92	61	1,216,690
2017	389	1,239	2.40	52	1,037,711
2018	551	1,770	3.80	55	2,096,289
2019 (Jan.)	107	240	1.03	9	136,862

**2017 and 2018 Mercury and Particulate values are for Unit 2 only.
The 2019 YTD totals do not include DHR.**

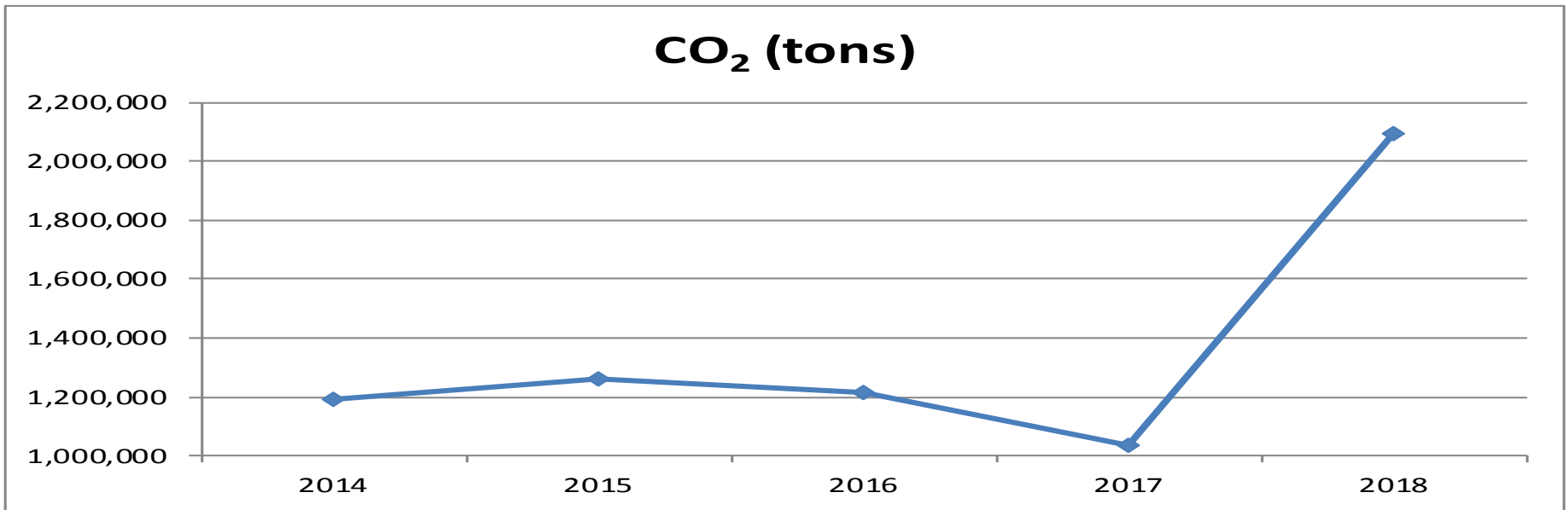


SO₂ was lower in 2015, 2016, and 2017 due to higher removal rate settings to assure compliance with the MATS Rule.

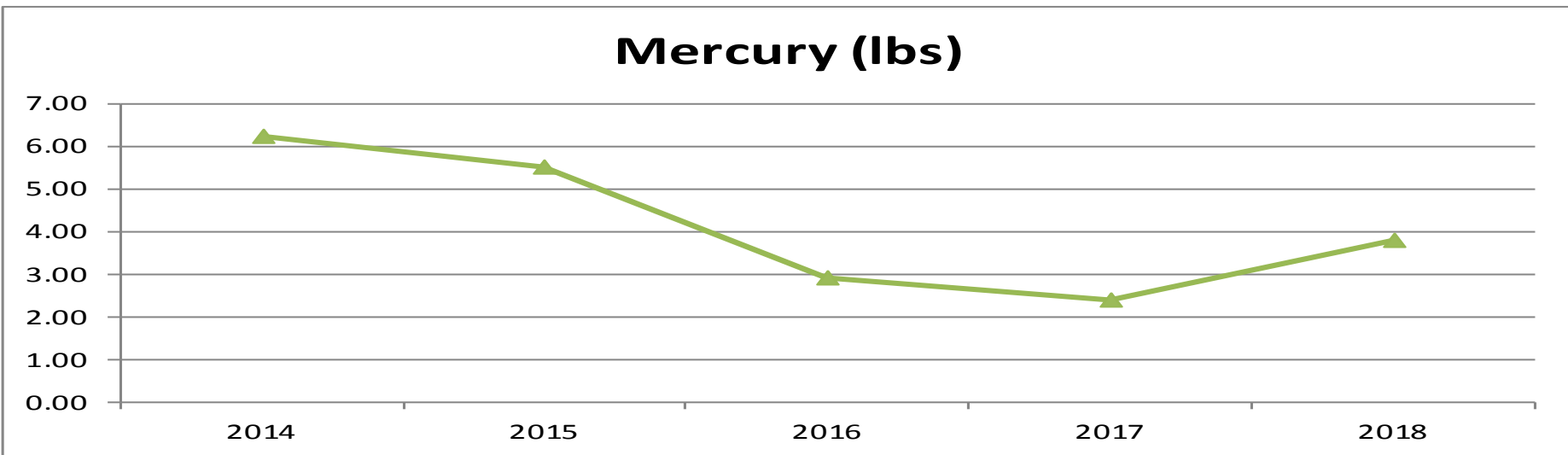
NO_x was higher in 2016 since it was more cost effective to use allowances than increase SCR removal rate. NO_x was higher in 2017 and 2018 since the Cross State Rule was no longer in effect for Florida.

2018 data includes DHR. The previous years did not include DHR.

Yearly Emissions

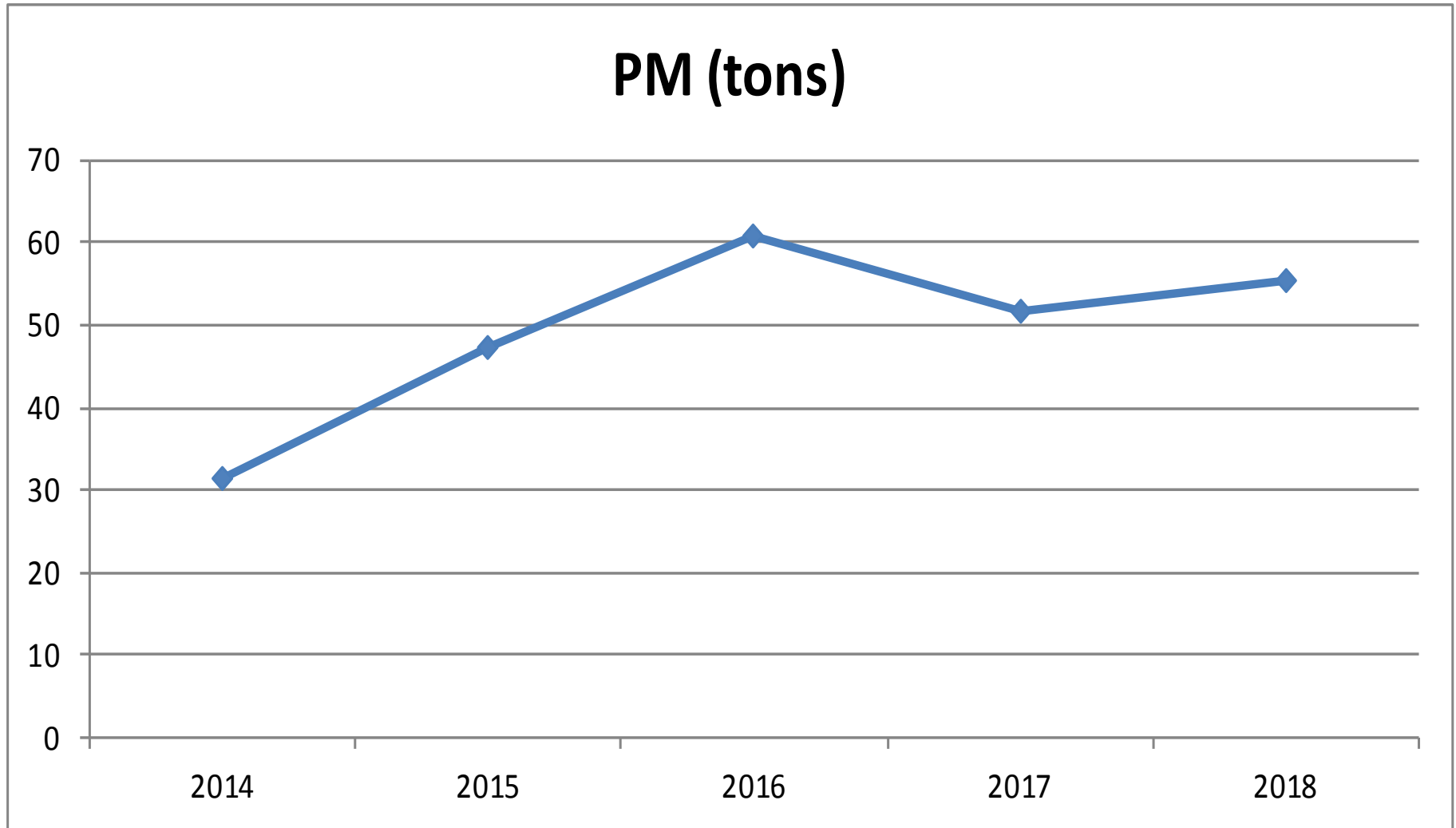


2018 data includes DHR . The previous years did not include DHR.



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

Yearly Emissions



2019 YEAR-TO-DATE

	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	0.0	4.7			4,112.1			69,201.0	5,346.0
DH2	107.3	234.3	1.03	9.0	131,248.3			1,279,222.0	143,614.0
DHCT3	0.0	0.3			715.8			12,047.0	793.0
JRKCC1	0.0	0.3			785.7			13,219.0	886.0
DHR									
TOTAL	107.3	239.6	1.029	9.0	136,861.9			1,373,689.0	150,639.0

2019 - February

	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	0.0	4.7			4,112.1			69,201.0	5,346.0
DH2	46.0	99.3	0.3	3.9	56,771.3			553,317.0	60,557.0
DHCT3	0.0	0.2			590.9			9,946.0	656.0
JRKCC1	0.0	0.1			186.6			3,140.0	156.0
DHR									
TOTAL	46.0	104.3	0.312	3.9	61,660.9			635,604.0	66,715.0

2018

State	Facility Name	Facility ID (ORISPL)	Unit ID	Associated Stacks	Year	Quarter	Program(s)	SO2 (tons)	Avg. NOx Rate (lb/MMBtu)	NOx (tons)	CO2 (short tons)	Heat Input (MMBtu)	
FL	Deerhaven Renewable Energy Center	57241	BFB1		2018	1	ARP	4.335	0.083	100.127	252437.6	2415603.6	100.1268
FL	Deerhaven Renewable Energy Center	57241	BFB1		2018	2	ARP	3.601	0.063	57.835	191990.1	1841888.3	57.83529
FL	Deerhaven Renewable Energy Center	57241	BFB1		2018	3	ARP	4.710	0.061	74.892	257909.0	2471689.1	74.89218
FL	Deerhaven Renewable Energy Center	57241	BFB1		2018	4	ARP	4.200	0.062	68.340	229958.3	2204503.0	68.33959
							Qtr 1-4	16.846	0.067	301.2	932295.1	8933684.1	

WATER/WASTEWATER

Production

Maintenance

Projects

Water/Wastewater February Dashboard

Production

Murphree Water Treatment Plant

		Feb 2019	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	21.7	21.9	30	73%	
	Peak Daily Flow	23.6	27.3	54	-	

Main Street Water Reclamation Facility

		Feb 2019	FY to Date (mgd)	Permitted Capacity (mgd)		Status
	Average Daily Flow	7.5	6.7	7.5		

Knapaha Water Reclamation Facility

		Feb 2019	FY to Date (mgd)	Permitted Capacity (mgd)		Status
	Average Daily Flow	13.1	12.1	14.9		

Water Reclamation Facilities (Combined)

		Feb 2019	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	20.6	18.8	22.4	84%	

Maintenance

Wastewater Collections

		Feb 2019 (Miles)	FYTD	Monthly Goal (miles)	
	Miles of gravity mains cleaned	7.0	31.0	5.0	
	Miles of gravity mains TV inspected	5.5	29.1	5.0	

Water Distribution

		Feb 2019	FYTD	Monthly Goal	
	Number of Water Services Replaced	94	378	75	

SSO Monthly Summary

		January	YTD	GOAL	
	Sanitary Sewer Overflows	1	10	<16	

Water/Wastewater Major Projects and Other Updates

- 1) MWTP Electric System Upgrade - Structure nearly complete for the new electrical building, Guard Shack complete
- 2) MSWRF - Aeration Basin and Headworks project planning and design are underway. East Clarifier demolition & rehab continues
- 3) Gravity Sewer Lining - Priorities being established through I/I Assessment with a goal to line at least 10 miles of gravity sewer in FY19
- 4) KWRF - all carousels are back online