

STATE OF THE UTILITY

January 2019

Item #180748

OPERATIONS SUMMARY

CORPORATE SAFETY

ENVIRONMENTAL

REGULATORY

PERSONNEL

January 2019

Safety

Employees

	Current Month		
	First Aid	Recordable	DART
Administration	0	0	0
W/WW Systems	0	1	0
Energy Supply	0	0	0
Energy Delivery - Electric/Gas	1	1	0
GRUCom	0	0	0
Totals		2	

	Year to Date		
	First Aid	Recordable	DART
	0	2	2
	1	3	0
	0	0	0
	3	4	2
	0	0	0
		9	

Vehicles

	Current Month		
	Miles Driven	Recordable	Preventable
Administration		0	0
W/WW Systems		3	2
Energy Supply		0	0
Energy Delivery - Electric/Gas		1	0
GRUCom		0	0
Totals	0	4	

January mileage not yet reported

	Year to Date		
	Miles Driven	Recordable	Preventable
	48,769	0	0
	236,692	6	4
	30,184	0	0
	306,049	4	3
	26,918	0	0
	648,612	10	

Totals through December '18

Environmental

	Current Month	
Notices of Violation	0	
Emissions		
DH1, DH2, DHCT3, JRKCC1		
CO ₂ (tons)	75,201	
NO _x (tons)	135	
SO ₂ (tons)	61	
DH Unit 2 (only)		
PM _{FILT} (tons)	5	
Hg (lbs)	0.72	

Calendar Year to Date

Notices of Violation	0
Emissions	
DH1, DH2, DHCT3, JRKCC1	
CO ₂ (tons)	75,201
NO _x (tons)	135
SO ₂ (tons)	61.0
DH Unit 2 (only)	
PM _{FILT} (tons)	5
Hg (lbs)	0.72

Regulatory

	NERC
Notice of Violations	0
Self Reports/Potential Violations	1

	FY to Date
Notice of Violations	2
Self Reports/Potential Violations	4

Personnel

	Authorized Positions	Filled Positions	Current Vacancies	Change from Last Mo.
Administration	15.00	13.00	2.00	0
Chief Operating Officer	20.00	19.00	1.00	-1
Customer Support Services	118.25	110.00	8.25	1
Energy Delivery	264.00	242.00	22.00	-2
Energy Supply	145.00	142.00	3.00	2
Energy Supply - District Energy	10.00	10.00	0.00	0
Finance	43.00	24.00	19.00	1
GRUCom	38.00	29.00	9.00	0
Information Technology	71.00	59.00	12.00	1
Water Wastewater	168.00	159.00	9.00	1
Grand Total	892.25	807.00	85.25	3.00

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

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 January 2019

Active Accounts	Jan-19	YTD Gain/Loss	FY18
<i>Residential Contract Accounts</i>			
Total	0	(90,980)	90,980
Electric	91,082	6,679	84,403
Gas	59,092	25,652	33,440
Water	84,457	21,352	63,105
Wastewater	63,152	4,140	59,012
Telecomm	33,599	33,470	129

Active Accounts	Jan-19	YTD Gain/Loss	FY18
<i>Nonresidential Contract Accounts</i>			
Total	0	(13,482)	13,482
Electric	13,519	2,584	10,935
Gas	4,637	2,994	1,643
Water	10,966	5,119	5,847
Wastewater	5,844	1,210	4,634
Telecomm	1,655	1,289	366

New Installations	Jan-19	FY19 To Date	FY18
Electric	119	383	1512
Gas	47	170	463
Water	57	188	558
Wastewater	69	194	566
Telecomm	7	33	120

Residential Disconnects	Jan-19	FY19 To Date	FY18
Volume	0	5,417	15,305
Average Balance	\$0.00	\$252.09	\$250.07

Call Center Volume	Jan-19	FY19 To Date	FY18
Residential ASA	0:08:51	0:09:08	0:10:59
Business ASA	0:03:12	0:03:05	0:04:19
CSR Calls	22,743	55,395	142,989
CSR Callbacks	0	9,204	25,780
IVR Self Service	0	81,164	266,463
Total	22,743	136,559	409,452
IVR/Total	0%	59%	65%

Revenue Assurance	Jan-19	FY19 To Date	FY18
Referred to Collections	\$156,165.16	\$718,317.64	\$1,783,116.51
Recovered	\$58,630.77	\$259,129.84	\$786,025.11

Service Orders	Jan-19	FY19 To Date	FY18
Move Ins	6,899	26,369	116,784
Move Outs	7,099	26,504	116,307

Bills Generated	Jan-19	FY19 To Date	FY18
Paper Bills	125,137	440,615	1,276,432
eBills	19,082	70,471	200,984
Total	144,219	511,086	1,477,416
eBill/Total	13%	14%	14%

Average Res Bill Amounts	Jan-19	FY19 To Date	FY18
Electric (kWh)	696	775	812
Electric (\$)	\$100.54	\$112.12	\$118.11
Gas (Therms)	37	23	21
Gas (\$)	\$54.99	\$37.90	\$34.13
Water (kGals)	4	5	5
Water (\$)	\$28.11	\$29.85	\$30.34
Wastewater (kGals)	4	5	5
Wastewater(\$)	\$39.44	\$37.06	\$36.86

Payment Arrangements	Jan-19	FY19 To Date	FY18
Total	0	2,822	77,512

ENERGY DELIVERY

ELECTRIC T&D

SYSTEM RELIABILITY

GAS

ENERGY DELIVERY - UAB REPORT - JANUARY 2019

Electric System Consumption

	2019		2018	
	CONSUMPTION	CUSTOMERS	CONSUMPTION	CUSTOMERS
Feed-In-Tariff - Residential	66 KWH	101	55 KWH	102
Feed-In-Tariff - General Service	2,932 KWH	155	2,529 KWH	159
Electric - GS - Demand - Regular	43,914,289 KWH	1,235	44,658,044 KWH	1,234
Electric - General Service Demand PV	761,240 KWH	20	678,158 KWH	17
GREC Startup Supplemental and Standby			-	1
Electric - GS - Kanapaha w Curtail Cr	991,200 KWH	1	1,029,600 KWH	1
Electric - GS - Demand - Large Power	6,985,440 KWH	7	7,254,520 KWH	8
Electric - GS - Murphree Curtail Credit	1,332,000 KWH	1	1,324,800 KWH	1
Electric - GS Large Demand PV	3,297,600 KWH	2	3,160,800 KWH	2
Electric - GS - Non Demand	12,324,023 KWH	9,736	14,009,446 KWH	9,699
Electric - General Service PV	99,179 KWH	63	105,290 KWH	55
Electric - Lighting - Rental	941,811 KWH	4,200 <i>n</i>	1,011,944 KWH	4,483 <i>n</i>
Electric - Lighting - Street - City	1,419,991 KWH	13 <i>n</i>	791,871 KWH	14 <i>n</i>
Electric - Lighting - Street - County	202,527 KWH	2 <i>n</i>	298,668 KWH	2 <i>n</i>
Electric - Lighting - Traffic	4,542 KWH	2 <i>n</i>	4,483 KWH	2 <i>n</i>
Electric - Residential - Non TOU	57,959,652 KWH	85,709	73,037,298 KWH	85,342
Electric - Residential PV	227,820 KWH	334	233,167 KWH	241
Total Retail Electric (<i>n = not included in total</i>)	130,464,312 KWH	97,364	145,493,707 KWH	96,862
City of Alachua	10,310,000 KWH	23,992 KW	11,804,000 KWH	28,343 KW
City of Winter Park	- KWH	- KW	7,440,000 KWH	10,000 KW
Total (Native) Electric	140,774,312 KWH		166,844,673 KWH	

Gas System Consumption

	2019		2018	
	CONSUMPTION	CUSTOMERS	CONSUMPTION	CUSTOMERS
Gas - GS - Regular Service (Firm)	938,405 THM	1,384	1,018,928 THM	1,399
Gas - GS - Regular Service (Small)	22,678 THM	296	23,710 THM	258
Gas - GS - Interruptible - Regular Serv	16,000 THM	1	16,000 THM	1
Gas - GS - Interruptible - Large Volume	485,976 THM	7	547,564 THM	7
Gas - Residential - Regular Service	1,215,613 THM	33,817	1,845,718 THM	33,556
Total Retail Gas	2,678,672 THM	35,505	3,451,920 THM	35,221
Gas - GS - UF Cogeneration Plant	3,724,534 THM	1	3,831,296 THM	1
Gas - Residential - LP - Basic Rate	7,012 GAL	201	11,229 GAL	198
GREC Gas (PGA only)			- THM	0

*Obtained from Monthly Billing Summary prepared by Todd Kamhoot.

ENERGY DELIVERY - UAB REPORT - JANUARY 2019

Durations Reliability Report Between 1/01/2019 and 1/31/2019

Excludes Extreme Weather and Generation/Transmission Disturbances

CUSTOMER DATA		RELIABILITY INDICIES	MONTHLY AVG GOAL
Monthly Average Customers Served(C)	98,143	Average Service Availability Index (ASAI)	99.9831%
Total Hours of Customer Demand	70,662,960	System Average Interruption Duration Index (SAIDI)	7.31 4.5 Mins
Total Number of Outages	40	Customer Average Interruption Duration Index (CAIDI)	59.23 55 Mins
Total Number of Customers Affected (CI)	12,106	System average Interruption Frequency Index (SAIFI)	0.12 0.08
Total Customer Minutes Interrupted (CMI)	717,007		
Total Customer "Out Minutes"	4,074	Average Length of a Service Interruption (L-Bar)	101.85 Mins

Outage Duration Times

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

Cause of Outages

Cause	Overhead	Underground	Undetermined	Total
1. Weather	1	0	0	1
2. Vegetation	8	0	1	9
3. Animals	6	1	0	7
4. Foreign Interference	0	0	0	0
5. Human Cause	2	2	1	5
6. Undetermined	8	2	1	11
7. Equipment Failure	3	1	2	6
8. All Remaining Outages	1	0	0	1
Total	29	6	5	40

* Durations Reliability Report Between 01/01/2019 and 1/31/2019

Excludes Extreme Weather and Generation/Transmission Disturbances

CUSTOMER DATA		RELIABILITY INDICIES	FISCAL YTD GOALS
Monthly Average Customers Served(C)	98,143	Average Service Availability Index (ASAI)	99.9831%
Total Hours of Customer Demand	70,662,960	System Average Interruption Duration Index (SAIDI)	7.31 54 Mins
Total Number of Outages	40	Customer Average Interruption Duration Index (CAIDI)	59.23 55 Mins
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4. Foreign Interference	0	0	0	0
5. Human Cause	2	2	1	5
6. Undetermined	8	2	1	11
7. Equipment Failure	3	1	2	6
8. All Remaining Outages	1	0	0	1
Total	29	6	5	40

ENERGY DELIVERY - UAB REPORT - JANUARY 2019

Energy Delivery - Major Projects

Major Electric Design Projects

West

- > Celebration Point (New Development)
- > SW 8th Ave / SW 20th Avenue (OH to UG conversion)
- > Tower Rd Market West (Mixed-use development)/Grand Oaks Community

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 rebuilt)

Major Gas Design Projects:

- > Main Installation – Lugano Subdivision - 2360'
- > Main Installation - Oakmont Subdivision Phase 3 - 10600'
- > Main Relocation – Duck Pond Mains and Services - 3100' Bare Steel
- > Main Installation – Coleman Ext. - W. University Ave
- > Main Replacement – Tower Rd. Mixed Use - 680'

New Gas Services installed in January 2019: 38 New Customers

ENERGY SUPPLY

SYSTEM STATISTICS

ENERGY DISTRIBUTION

FUEL

January 2019

Source

Energy Supply - CAPACITY

Unit Capability output - MWn

DH-2	228
DH-1	67*
Kelly CC	108
CT's	106
Grid	2 X 224
DHR	102.5

*DH1 slight derate due to gas filter restriction in Dec

Energy Supply - Performance Parameter

Month	YTD	Budget YTD	Delta Budget
72,752	143,746	74,835	68,911
-	46,194	24,742	21,452
543	209,404	304,612	(95,208)
209	4,398	171	4,227
10,418	26,817	52,866	(26,049)
66,186	210,996	139,237	71,759

Fuels Consumed

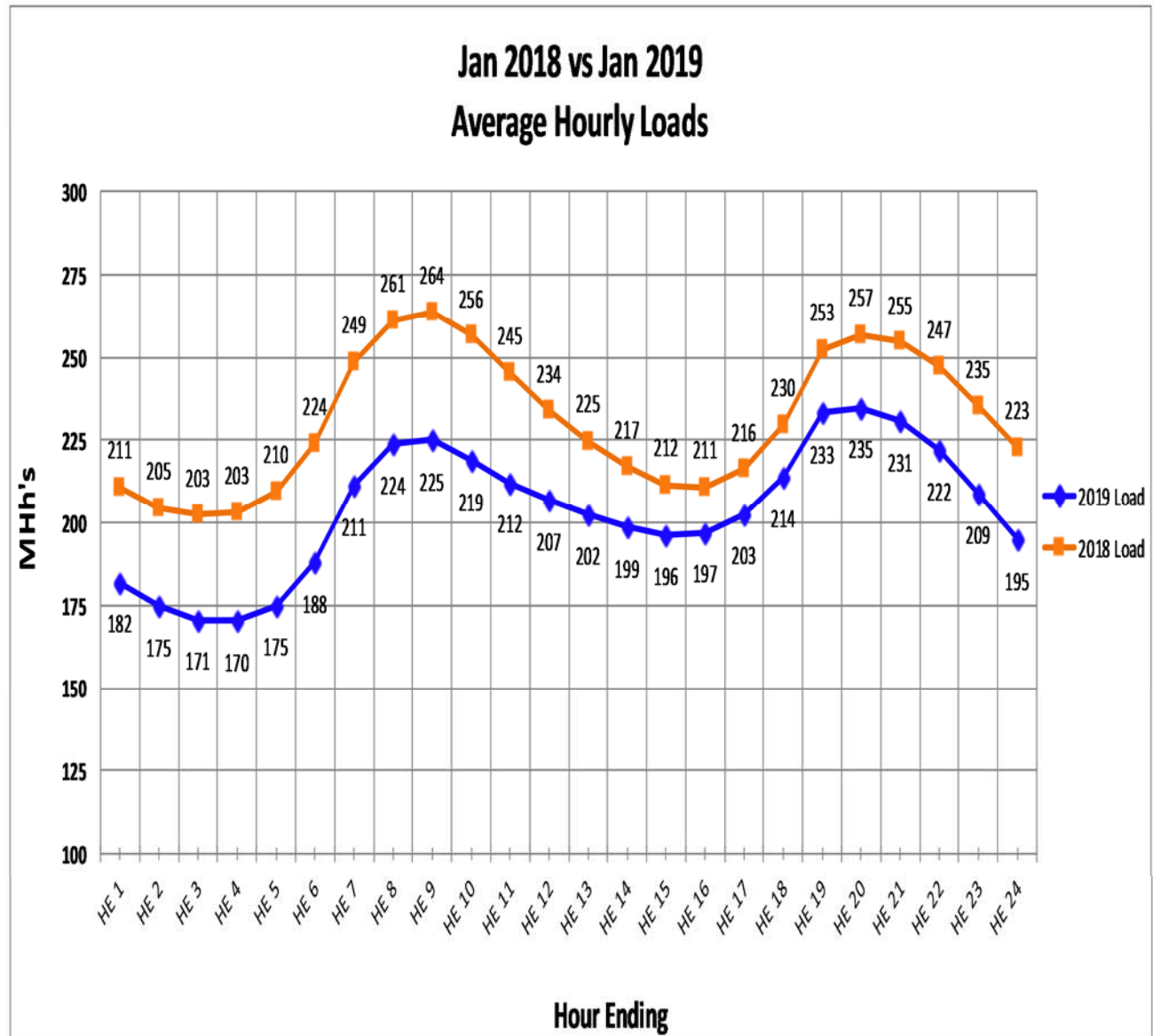
	Month	FYTD	Budget YTD	Delta Budget
Coal - Tons	27,289	59,499	42,453	17,046
Gas - MCF	233,295	2,883,636	3,046,240	(162,604)
Fuel oil - Gals	6,914	9,531	-	9,531
Biomass - Tons	81,945	274,959	176,356	98,603

Availability/Capacity

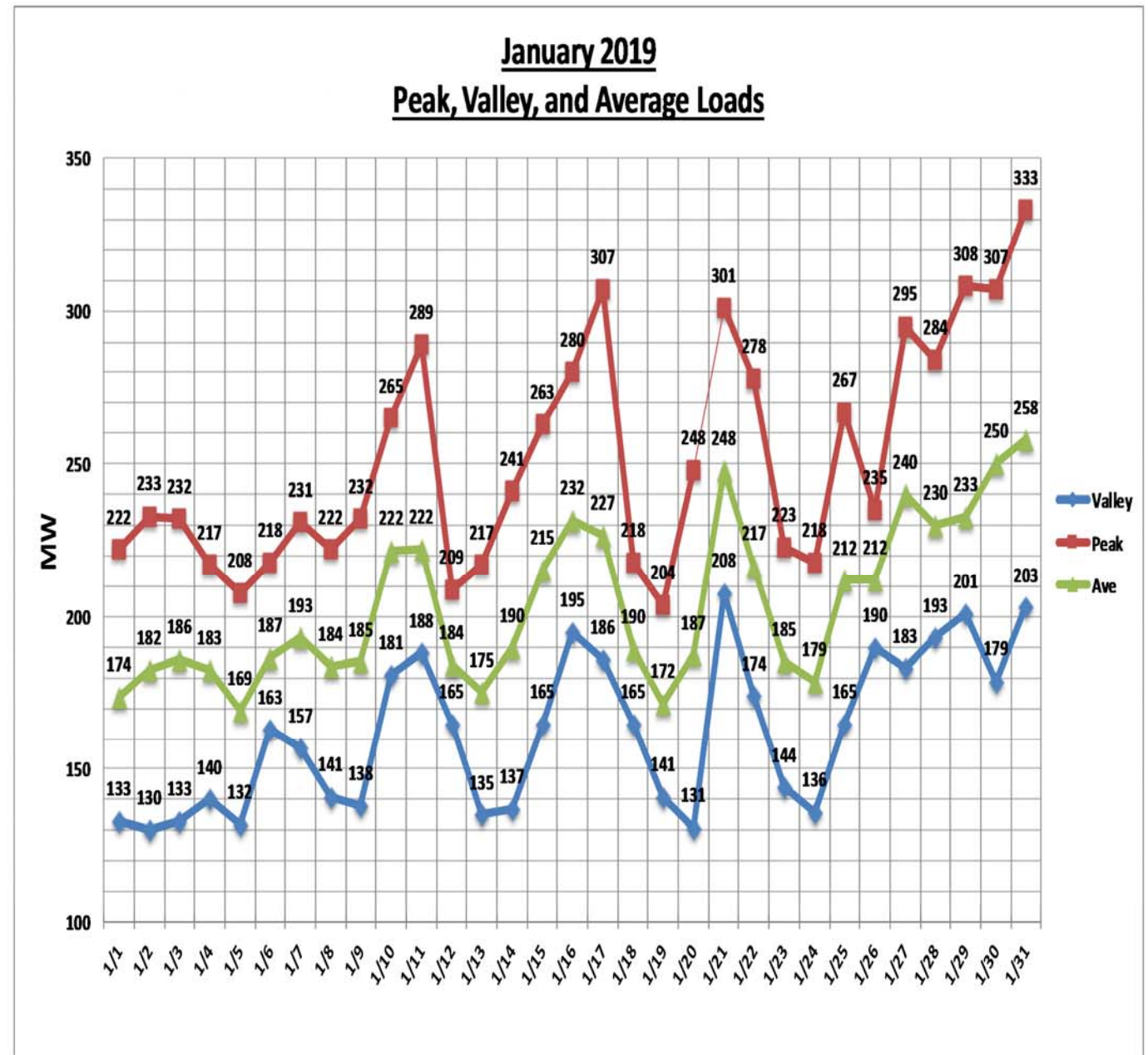
	Availability			Capacity		
	Month	FY 2019 YTD	FY 2018 YTD	Month	FY 2019 YTD	FY 2018 YTD
DH-2	100.00%	55.47%	96.26%	44.79%	22.77%	30.89%
DH-1	94.60%	98.65%	90.09%	0.00%	22.10%	27.88%
Kelly CC	100.00%	99.84%	75.30%	1.33%	67.48%	47.93%
DH CT-1	99.46%	99.53%	98.89%	0.05%	0.25%	0.41%
DH CT-2	95.58%	97.97%	96.00%	0.49%	0.29%	0.71%
DH CT-3	98.87%	94.94%	50.63%	0.18%	1.83%	4.93%
DHR*	99.81%	91.54%	80.41%	98.13%	80.15%	23.69%

DHR tracking is from Nov. 7th, 2017 forward

January Average Hourly Loads		
Hour Ending	2018 Load	2019 Load
HE 1	211	182
HE 2	205	175
HE 3	203	171
HE 4	203	170
HE 5	210	175
HE 6	224	188
HE 7	249	211
HE 8	261	224
HE 9	264	225
HE 10	256	219
HE 11	245	212
HE 12	234	207
HE 13	225	202
HE 14	217	199
HE 15	212	196
HE 16	211	197
HE 17	216	203
HE 18	230	214
HE 19	253	233
HE 20	257	235
HE 21	255	231
HE 22	247	222
HE 23	235	209
HE 24	223	195



Date	Valley	Peak	Ave
1/1/2019	133	222	174
1/2/2019	130	233	182
1/3/2019	133	232	186
1/4/2019	140	217	183
1/5/2019	132	208	169
1/6/2019	163	218	187
1/7/2019	157	231	193
1/8/2019	141	222	184
1/9/2019	138	232	185
1/10/2019	181	265	222
1/11/2019	188	289	222
1/12/2019	165	209	184
1/13/2019	135	217	175
1/14/2019	137	241	190
1/15/2019	165	263	215
1/16/2019	195	280	232
1/17/2019	186	307	227
1/18/2019	165	218	190
1/19/2019	141	204	172
1/20/2019	131	248	187
1/21/2019	208	301	248
1/22/2019	174	278	217
1/23/2019	144	223	185
1/24/2019	136	218	179
1/25/2019	165	267	190
1/26/2019	190	235	212
1/27/2019	183	295	240
1/28/2019	193	284	230
1/29/2019	201	308	233
1/30/2019	179	307	250
1/31/2019	203	333	258



Energy Supply
Major Projects/Milestones Updates

1. Deerhaven(DH):
 - a. Process Plant Planned Outage is in progress and on track to complete by 2/10/2019.
2. Deerhaven Renewable(DHR):
 - a. Boiler has a minor cold side boiler leak that is not impacting safe reliable operation or deteriorating. Will be fully addressed during the planned outage scheduled to start 3/30/2019, and run through 4/17/2019.
 - b. The previously fire damaged Wagner Bulldozer is expected to return to plant site this week after repairs by Sun Machinery in South Carolina. Once machine returns we will work with Fleet to commission this machine and then send rental dozer back.
3. Kelly (JRK):
 - a. Planned outage is set to start 2/16/2019 and run through 3/18/2019. Scope of work for this planned outage is:
 - i. CT4 Combustion Inspection
 - ii. Heat Recover Steam Generator (HRSG) inspection
 - iii. CT4 Generator Inspection
 - iv. Balance of Plant (BOP) inspections and preventative maintenance
4. South Energy Center (SEC):
 - a. Working with Wartsila on procuring all the required engine parts for engine 12,000 hour engine inspection anticipated to be conducted in late March. This will be an approximate one week outage once dates agreed upon with UF Health.

ENVIRONMENTAL PERMITTING

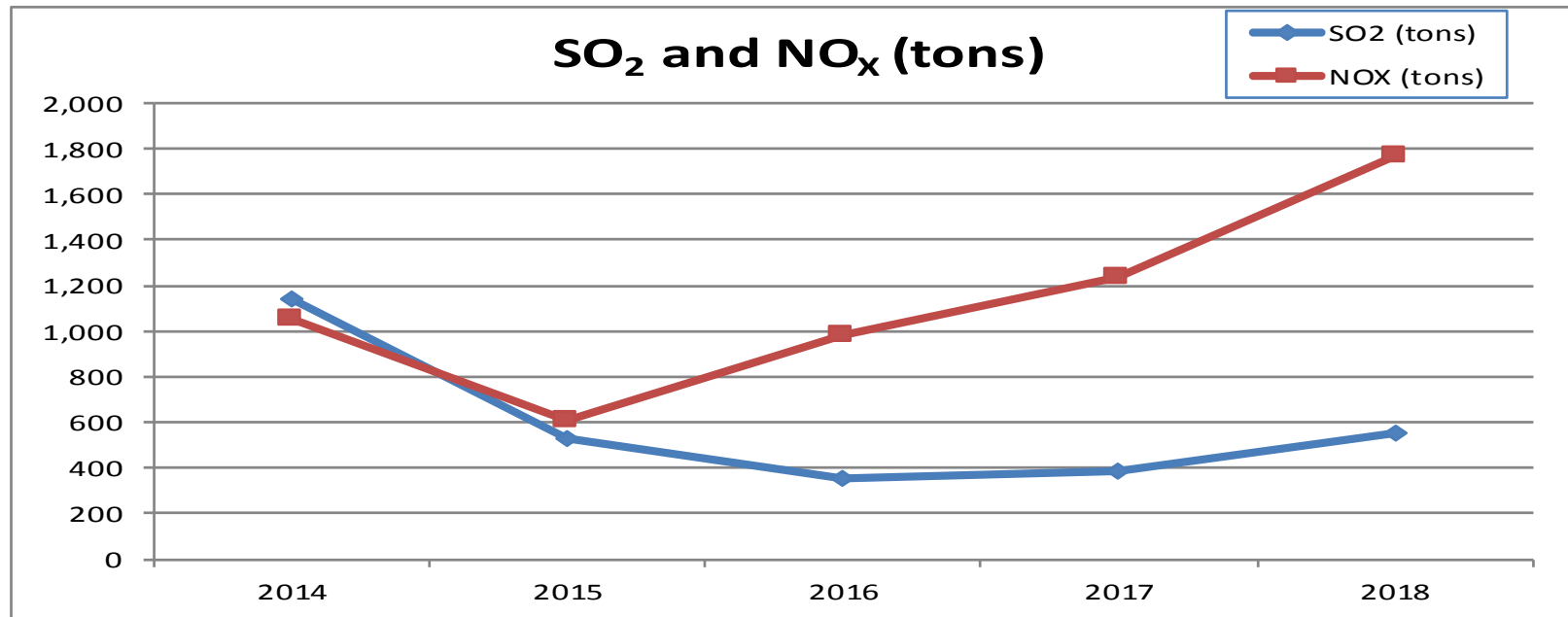
Emissions Data

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.)	61	135	0.70	5	75,201

2017 and 2018 Mercury and Particulate values are for Unit 2 only.

The 2019 YTD totals do not include DHR.

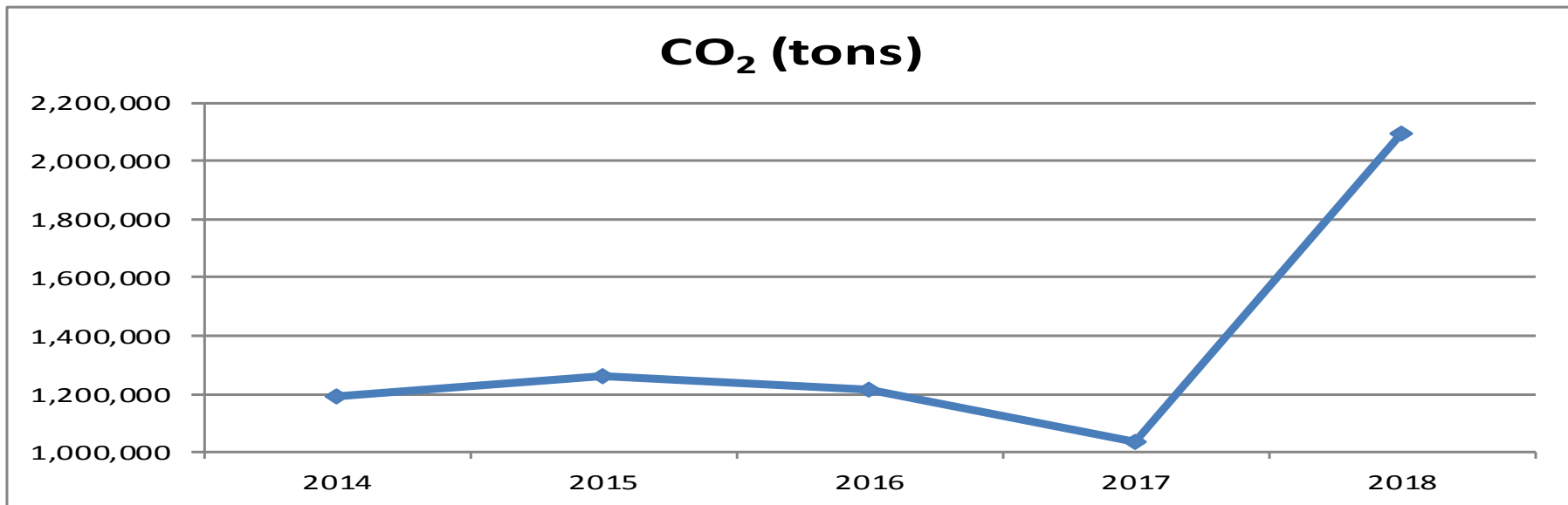


SO₂ was lower in 2015, 2016, and 2017 due to higher removal rate settings to assure compliance with the MATS Rule.

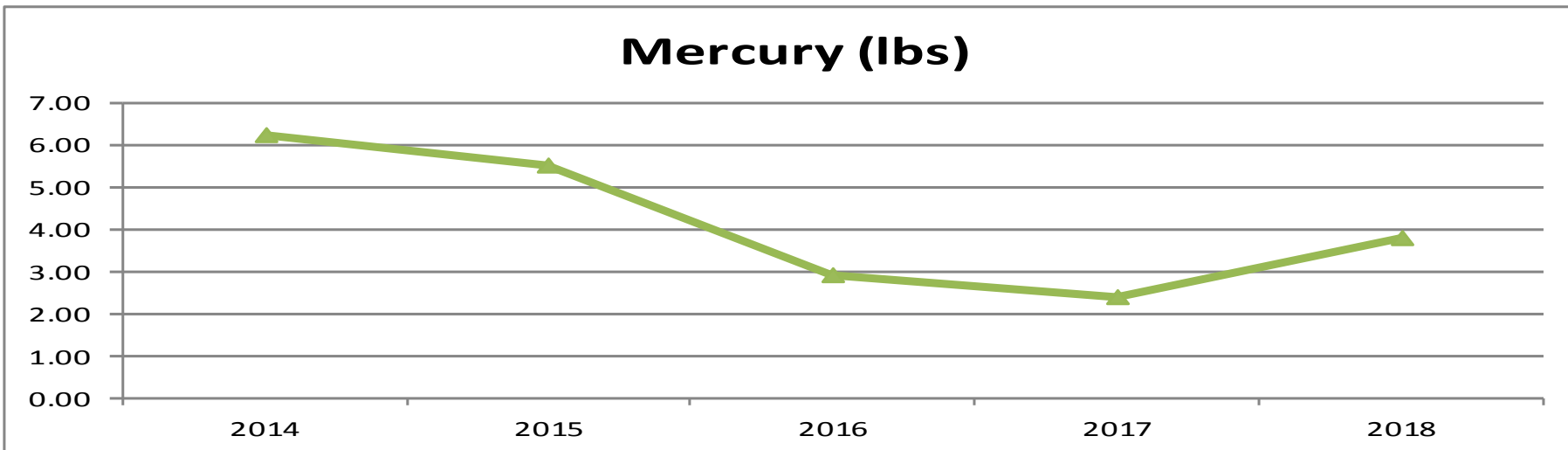
NO_x was higher in 2016 since it was more cost effective to use allowances than increase SCR removal rate. NO_x was higher in 2017 since the Cross State Rule was no longer in effect for Florida.

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

Yearly Emissions



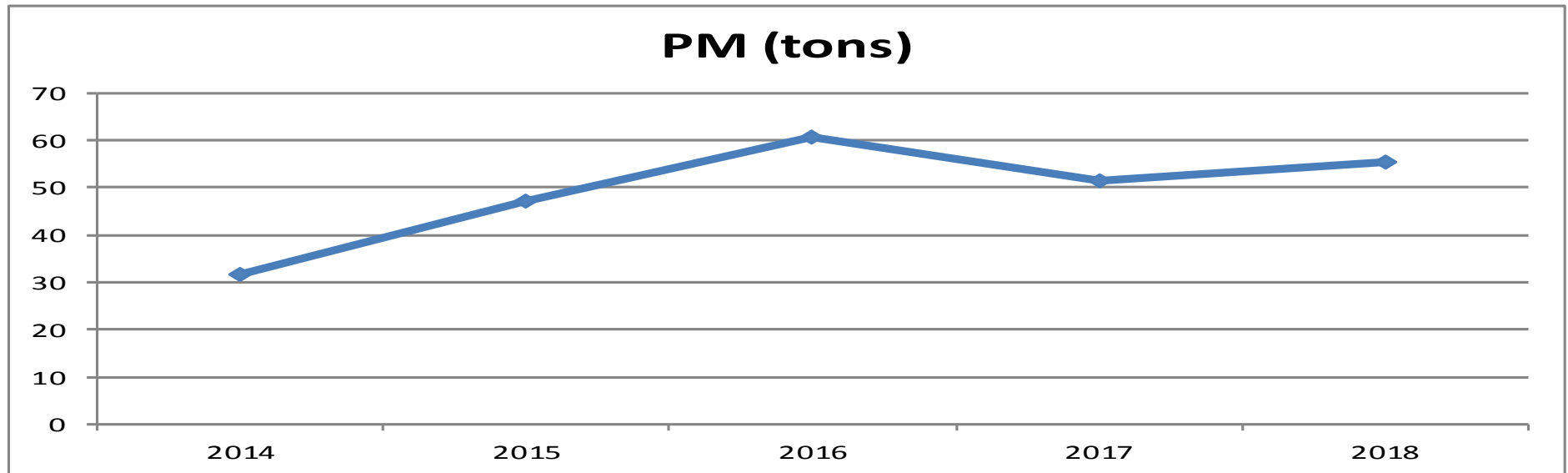
2018 data includes DHR . The previous years did not include DHR, thus the increase.



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

Yearly Emissions

PM (tons)



2019 YTD - January

	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	0.0			0.0			0.0	0.0
DH2	61.3	135.0	0.72	5.2	74,477.0			725,905.0	83,057.0
DHCT3	0.0	0.1			124.9			2,101.0	137.0
JRKCC1	0.0	0.2			599.1			10,079.0	730.0
DHR									
TOTAL	61.3	135.3	0.717	5.2	75,201.0			738,085.0	83,924.0

2019 - January

	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	0.0			0.0			0.0	0.0
DH2	61.3	135.0	0.7	5.2	74,477.0			725,905.0	83,057.0
DHCT3	0.0	0.1			124.9			2,101.0	137.0
JRKCC1	0.0	0.2			599.1			10,079.0	730.0
DHR									
TOTAL	61.3	135.3	0.717	5.2	75,201.0			738,085.0	83,924.0

2018

State	Facility Name	Facility ID (ORISPL)	Unit ID	Associated Stacks	Year	Quarter	Program(s)	SO ₂ (tons)	Avg. NO _x Rate (lb/MMBtu)	NO _x (tons)	CO ₂ (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 January Dashboard

Production						
Murphree Water Treatment Plant						
		Jan 2019	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	21.0	21.9	30	73%	
	Peak Daily Flow	24.2	27.3	54	-	
Main Street Water Reclamation Facility						
		Jan 2019	FY to Date (mgd)	Permitted Capacity (mgd)		Status
	Average Daily Flow	7.9	6.5	7.5		
Knapaha Water Reclamation Facility						
		Jan 2019	FY to Date (mgd)	Permitted Capacity (mgd)		Status
	Average Daily Flow	13.0	11.8	14.9		
Water Reclamation Facilities (Combined)						
		Jan 2019	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	20.9	18.3	22.4	82%	
Maintenance						
Wastewater Collections						
		Jan 2019 (Miles)	FYTD	Monthly Goal (miles)		
	Miles of gravity mains cleaned	8.0	24.0	5.0		
	Miles of gravity mains TV inspected	7.8	23.6	5.0		
Water Distribution						
		Jan 2019	FYTD	Monthly Goal		
	Number of Water Services Replaced	84	284	75		
SSO Monthly Summary						
		January	YTD	GOAL		
	Sanitary Sewer Overflows	3	9	<16		

Water/Wastewater
Major Projects and Other Updates

MWTP Electric System Upgrade

- Structure nearly complete for the new electrical building.

MSWRF

- Aeration Basin and Headworks project planning and design are underway.
- East Clarifier demolition & rehab has begun.

Gravity Sewer Lining

- Priorities being established through I/I Assessment with a goal to line at least 10 miles of gravity sewer in FY19.

KWRF

- New Ops Building complete and operators moved in.
- Headworks rehab underway.