

STATE OF THE UTILITY

January 2020

Item #190978

OPERATIONS SUMMARY

CORPORATE SAFETY

ENVIRONMENTAL

REGULATORY

PERSONNEL

January 2020

Safety

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

Employees

	Year to Date		
	First Aid	Recordable	DART
	1	0	0
	1	1	0
	1	1	0
	0	1	0
	0	0	0
		3	

	Current Month		
	Miles Driven*	Recordable	Preventable
Administration	13,952	0	0
W/WW Systems	65,773	0	0
Energy Supply	2,870	0	0
Energy Delivery - Electric/Gas	93,110	0	0
GRUCom	7,301	0	0
Totals	183,006	0	0

*Mileage data is for December 2019. January data will be included in February report.

Vehicles

	Year to Date		
	Miles Driven*	Recordable	Preventable
	40,222	0	0
	210,369	2	1
	5,850	0	0
	291,505	0	0
	24,307	0	0
	572,253	2	1

YTD through December, 2019

Environmental

	Current Month
Notices of Violation	0

Calendar Year to Date
0

Emissions

DH1, DH2, DHCT3, JRKCC1

CO ₂ (tons)	74,817
NO _x (tons)	82
SO ₂ (tons)	27

74,817
82
27

DH Unit 2 (only)

PM _{FILT} (tons)	3
Hg (lbs)	0.21

3
0.21

DHR

CO ₂ (tons)	74,636
NO _x (tons)	20
SO ₂ (tons)	1

74,636
20
1

Regulatory

NERC
Notice of Violations
Self Reports/Potential Violations

Current Month

0
0

FY to Date

1
2

Personnel

Row Labels	AUTHORIZED_FTE	FILLED_FTE	VACANCY	Last Month (December)
Administration	15.00	12.00	3.00	3.00
Chief Operating Officer	20.00	18.00	2.00	2.00
Customer Support Services	118.25	111.00	7.25	7.25
Energy Delivery	264.00	251.00	13.00	13.00
Energy Supply	183.00	179.00	4.00	4.00
Energy Supply - District Energy	10.00	10.00	0.00	0.00
Finance	43.00	30.00	13.00	13.00
GRUCom	38.00	31.00	7.00	7.00
Information Technology	71.00	65.00	6.00	6.00
Water Wastewater	168.00	158.90	9.10	9.10
Grand Total	930.25	865.90	64.35	64.35

Utility Advisory Board Monthly Report – FY 2020 NERC compliance

Penalty violations

<u>Determination date</u>	<u>Description</u>
N/A	No penalties to-date for FY 2020

Non-Penalty violations (Compliance Exceptions or Find-Fix-Track)

<u>Determination date</u>	<u>Description</u>
11/14/2019	14 Cyber Assets were not properly configured to send event logs to the central logging server, which is required to generate alerts for specific log types

Potential violations (Pending regulatory agency determination)

<u>Report date</u>	<u>Description</u>
6/6/2019 (FY2019)	35 Cyber Assets were delayed in being included under GRU's Critical Infrastructure Protection (CIP) program
10/4/2019	Two relay settings not adjusted in accordance with PRC-023-4 for 18 months

Utility Advisory Board Monthly Report – FY 2020 Safety Data Summary

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

OCTOBER

- None reported

NOVEMBER

- 11/13/2019 – While exiting his truck, employee turned on his right knee and felt a "pop". Went for treatment the next day and was given a prescription.
- 11/19/2019 – Employee cut right thumb with knife. (DART)

DECEMBER

- 12/5/2019 – Employee was stung by a yellow jacket and had allergic reaction.

JANUARY

- None reported
-

End of FY 2020

Utility Advisory Board Monthly Report – FY 2019 Vehicle Collision Summary

Vehicle Collisions (P) indicates preventable by our employee

OCTOBER

- None reported

NOVEMBER

- 11/5/2019 – While stopped at the traffic sign on NW 11th Avenue at NW 6th Street, a citizen backed out of a private drive into the tires of U1705, a trailer being towed by U1891. There was no damage to our trailer and no injury.
- 11/12/2019 – A dump truck & trailer were stopped at a traffic sign. A bus was trying to make a turn onto the street, but could not complete the turn. The employee looked in his mirrors, and not seeing anyone, backed up to allow the bus to turn. A citizen's car was stopped directly behind the trailer, and the trailer damaged the car's front grill. (P)

DECEMBER

- None reported

JANUARY

- None reported

End of FY 2020

CUSTOMER SUPPORT SERVICES

Customer Operations

New Services

Revenue Assurance

Customer Operations Metrics Summary January 2020

Active Accounts	Jan-20	YTD Gain/Loss	FY19
<i>Residential Contract Accounts</i>			
Total	92,231	408	91,823
Electric	85,289	225	85,064
Gas	33,991	186	33,805
Water	63,757	177	63,580
Wastewater	59,619	133	59,486
Telecomm	102	(15)	117

New Installations	Jan-20	FY20 To Date	FY19
Electric	199	575	1393
Gas	39	170	512
Water	48	217	654
Wastewater	44	188	614
Telecomm	12	71	141

Call Center Volume	Jan-20	FY20 To Date	FY19
Residential ASA	0:02:49	0:02:22	0:06:26
Business ASA	0:02:36	0:02:08	0:02:49
CSR Calls	2,636	48,066	151,278
CSR Callbacks	382	1,374	19,343
IVR Self Service	15,054	70,036	227,577
Total	18,072	119,476	398,198
IVR/Total	83%	59%	57%

Bills Generated	Jan-20	FY20 To Date	FY19
Paper Bills	108,715	441,768	1,278,441
eBills	18,845	78,435	212,879
Total	127,560	520,203	1,491,320
eBill/Total	15%	15%	14%

Payment Arrangements	Jan-20	FY20 To Date	FY19
Total	566	2,588	9,797

Active Accounts	Jan-20	YTD Gain/Loss	FY19
<i>Nonresidential Contract Accounts</i>			
Total	13,641	45	13,596
Electric	11,051	26	11,025
Gas	1,664	7	1,657
Water	5,916	24	5,892
Wastewater	4,690	5	4,685
Telecomm	397	5	392

Residential Disconnects	Jan-20	FY20 To Date	FY19
Volume	1,414	5,193	14,076
Average Balance	\$243.87	\$254.86	\$246.88

Revenue Assurance	Jan-20	FY20 To Date	FY19
Referred to Collections	\$104,529.90	\$622,295.38	\$1,948,001.43
Recovered	\$69,695.21	\$255,838.55	\$796,259.96

Service Orders	Jan-20	FY20 To Date	FY19
Move Ins	7,225	26,157	109,537
Move Outs	7,178	25,517	109,795

Average Res Bill Amounts	Jan-20	FY20 To Date	FY19
Electric (kWh)	706	754	836
Electric (\$)	\$110.76	\$117.19	\$122.20
Gas (Therms)	32	21	19
Gas (\$)	\$49.86	\$37.27	\$32.72
Water (kGals)	5	5	6
Water (\$)	\$29.80	\$31.07	\$28.61
Wastewater (kGals)	5	5	7
Wastewater(\$)	\$42.15	\$37.54	\$34.25

2/5/2020

ENERGY DELIVERY

System Consumption

System Reliability

Major Projects – Electric & Gas

ENERGY DELIVERY - UAB REPORT - JANUARY 2020

Durations Reliability Report Between 01/01/2020 and 01/31/2020

Excludes Extreme Weather and Generation/Transmission Disturbances

CUSTOMER DATA		RELIABILITY INDICES		MONTHLY AVG GOAL
Monthly Average Customers Served(C)	98,492	Average Service Availability Index (ASAI)	99.9922%	
Total Hours of Customer Demand	70,914,240	System Average Interruption Duration Index (SAIDI)	3.35	4.5 Mins
Total Number of Outages	27	Customer Average Interruption Duration Index (CAIDI)	72.33	55 Mins
Total Number of Customers Affected (CI)	4,564	System average Interruption Frequency Index (SAIFI)	0.05	0.08
Total Customer Minutes Interrupted (CMI)	330,112			
Total Customer "Out Minutes"	3,632	Average Length of a Service Interruption (L-Bar)	134.52 Mins	

		MONTHLY AVG GOAL	EIA - All 2018	EIA - Public 2018	FMPA 2019
SAIDI	3.35	4.5 Mins	143.37	63.12	70.43
CAIDI	72.33	55 Mins	75.86	78.98	60.24
SAIFI	0.05	0.08	1.82	0.85	1.160

Cause of Outages				
Cause	Overhead	Underground	Both	Total
0. Undetermined	1	0	0	1
1. Weather	0	0	0	0
2. Vegetation	2	0	0	2
3. Animals	3	0	1	4
4. Foreign Interference	0	0	0	0
5. Human Cause	7	2	1	10
6. Equipment Failure	3	4	2	9
7. All Remaining Outages	0	0	0	0
Total	16	6	4	26

ENERGY DELIVERY - UAB REPORT - JANUARY 2020

Durations Reliability Report Between 01/01/2020 and 01/31/2020*

Excludes Extreme Weather and Generation/Transmission Disturbances, Excludes TMED Days

CUSTOMER DATA		RELIABILITY INDICES		FISCAL YTD GOALS
Monthly Average Customers Served(C)	98,492	Average Service Availability Index (ASAI)	99.9922%	
Total Hours of Customer Demand	70,914,240	System Average Interruption Duration Index (SAIDI)	3.35	4.5
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1. Weather	0	0	0	0
2. Vegetation	2	0	0	2
3. Animals	3	0	1	4
4. Foreign Interference	0	0	0	0
5. Human Cause	7	2	1	10
6. Equipment Failure	3	4	2	9
7. All Remaining Outages	0	0	0	0
Total	16	6	4	26
* REPORTED AS CALENDAR YEAR				

ENERGY DELIVERY - UAB REPORT - JANAUARY 2020

Electric System Consumption

	2020		2019	
	CONSUMPTION	CUSTOMERS	CONSUMPTION	CUSTOMERS
Feed-In-Tariff - Residential	76 KWH	100	66 KWH	101
Feed-In-Tariff - General Service	2,723 KWH	154	2,932 KWH	155
Electric - GS - Demand - Regular	42,948,753 KWH	1,126	43,914,289 KWH	1,235
Electric - General Service Demand PV	1,090,566 KWH	18	761,240 KWH	20
Electric - GS - Kanapaha w Curtail Cr	1,131,600 KWH	1	991,200 KWH	1
Electric - GS - Demand - Large Power	6,727,200 KWH	6	6,985,440 KWH	7
Electric - GS - Murphree Curtail Credit	1,344,000 KWH	1	1,332,000 KWH	1
Electric - GS Large Demand PV	3,360,000 KWH	2	3,297,600 KWH	2
Electric - GS - Non Demand	12,679,269 KWH	9,416	12,324,023 KWH	9,736
Electric - General Service PV	73,689 KWH	59	99,179 KWH	63
Electric - Lighting - Rental	896,077 KWH	4,023 <i>n</i>	941,811 KWH	4,200 <i>n</i>
Electric - Lighting - Street - City	689,274 KWH	12 <i>n</i>	1,419,991 KWH	13 <i>n</i>
Electric - Lighting - Street - County	131,196 KWH	2 <i>n</i>	202,527 KWH	2 <i>n</i>
Electric - Lighting - Traffic	4,542 KWH	2 <i>n</i>	4,542 KWH	2 <i>n</i>
Electric - Residential - Non TOU	56,742,173 KWH	82,562	57,959,652 KWH	85,709
Electric - Residential PV	280,539 KWH	419	227,820 KWH	334
Total Retail Electric	128,101,677 KWH	93,864	130,464,312 KWH	97,364
(n =not included in total customer count)				
City of Alachua	9,787,000 KWH KWH	22,623 KW	10,310,000 KWH	23,992 KW
Total (Native) Electric	137,888,677 KWH		140,774,312 KWH	

Gas System Consumption

	2020		2019	
	CONSUMPTION	CUSTOMERS	CONSUMPTION	CUSTOMERS
Gas - GS - Regular Service (Firm)	799,902 THM	1,210	938,405 THM	1,384
Gas - GS - Regular Service (Small)	14,546 THM	294	22,678 THM	296
Gas - GS - Interrruptible - Regular Serv	24,084 THM	1	16,000 THM	1
Gas - GS - Interrruptible - Large Volume	425,500 THM	7	485,976 THM	7
Gas - Residential - Regular Service	1,033,144 THM	33,604	1,215,613 THM	33,817
Total Retail Gas	2,297,176 THM	35,116	2,678,672 THM	35,505
Gas - GS - UF Cogeneration Plant	3,225,221 THM	1	3,516,877 THM	1
Gas - Residential - LP - Basic Rate	5,536 GAL	202	6,000 GAL	201

*Obtained from Monthly Billing Summary prepared by Todd Kamhoot.

ENERGY DELIVERY - UAB REPORT - JANUARY 2020

Energy Delivery - Major Projects

Major Electric Design Projects

West

- > Butler Plaza Town Center
- > Celebration Pointe (Commercial & Residential Development)
- > Tower Rd. Mixed use Development (Market's West) / Grand Oaks (144 single family residences)
- > Newberry Park TND - SW 122nd & Newberry Rd. - 149,590 s.f. (mixed use)
- > 8th Ave. OH to UG Conversion

East

- > Hub on Campus II (NW 13th St.) - 7 story mixed-use development
- > The Mark at Gainesville (410 NW 13th St.) - 6 story student apartments
- > Hyatt Place - Hotel City Center - Downtown Re-Development (Hotel plus Retail Space)
- > 908 Group – 6 story Midtown high rise (Retail & 620 Apartments), repl. The Swamp Restaurant & Univ. PO
- > Ardent Gainesville (SW 13th St.) – 8 story Retail, Parking, & Residential (66 units, 182 beds)

Major Gas Design Projects:

- > Main Installation – Oakmont Subdivision – ongoing – 10600'
- > Main Installation – Grand Oaks Phase 1 - 5150'
- > Main Installation - Wexford Subdivision - SW 122nd St. - 2150' - Completed
- > Main Replacement - One College Park - NW 2nd Ave. - 700' - Completed
- >

New Gas Services installed in January 2020: 41 New Customers

ENERGY SUPPLY

SYSTEM STATISTICS

ENERGY DISTRIBUTION

FUEL

January 2020

Source

Energy Supply - CAPACITY

Unit Capability output - MWn

DH-2	228
DH-1	75
Kelly CC	108
CT's	106
Grid	2 x 224
DHR	102.5

Energy Supply - Performance Parameter

Month	YTD	Budget YTD	Delta Budget
31,965	164,303	217,238	(52,935)
9,776	21,818	-	21,818
58,200	241,639	310,331	(68,692)
-	575	9	566
(1,879)	4,919	47,628	(42,709)
43,993	162,921	12,269	150,652

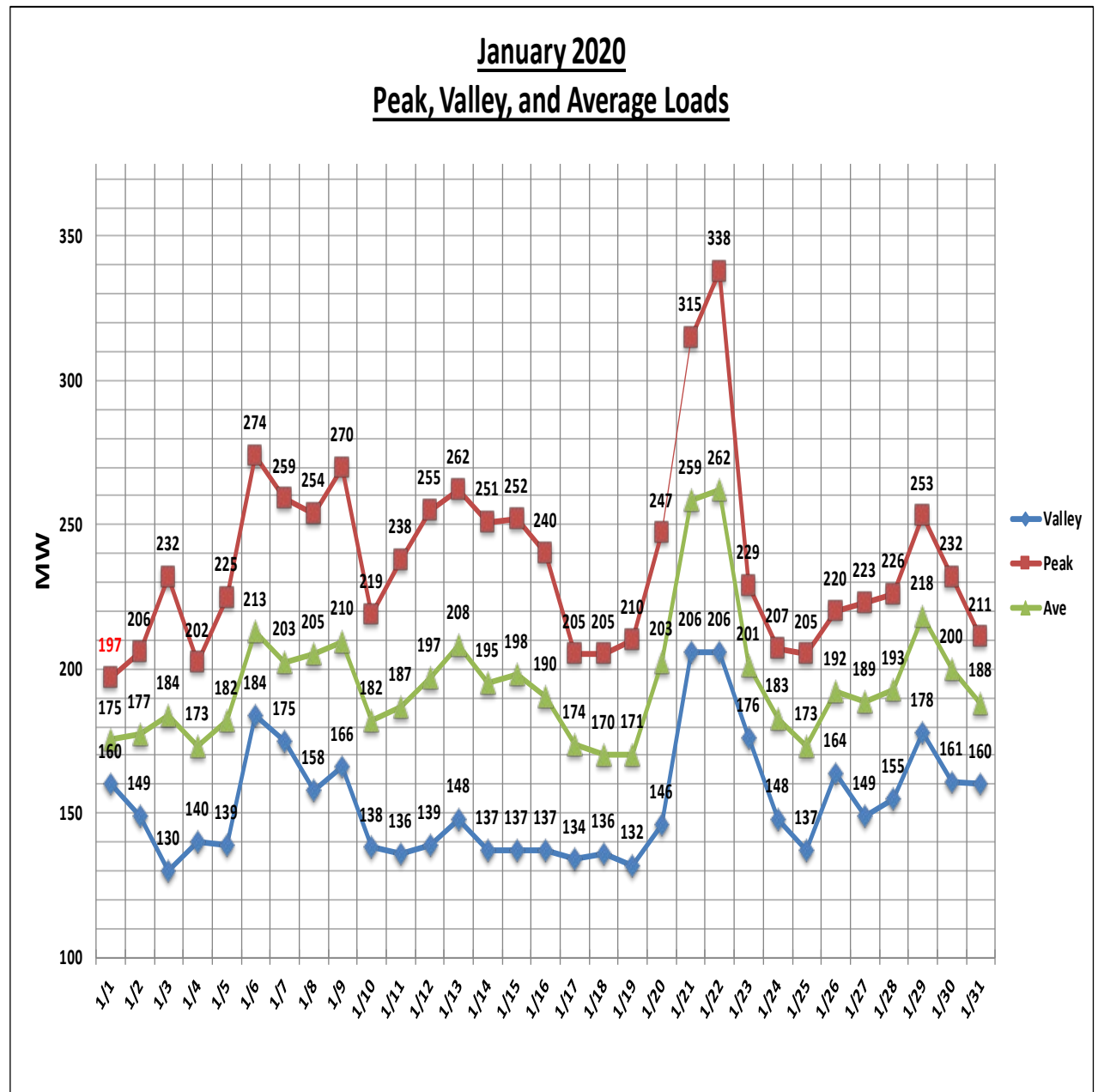
Fuels Consumed

	Month	FYTD	Budget YTD	Delta Budget
Coal - Tons	9,642	53,856	118,179	(64,323)
Gas - MCF	841,659	3,323,920	2,699,981	623,939
Fuel oil - Gals	-	1,327	-	1,327
Biomass - Tons	59,241	195,933	15,427	180,506

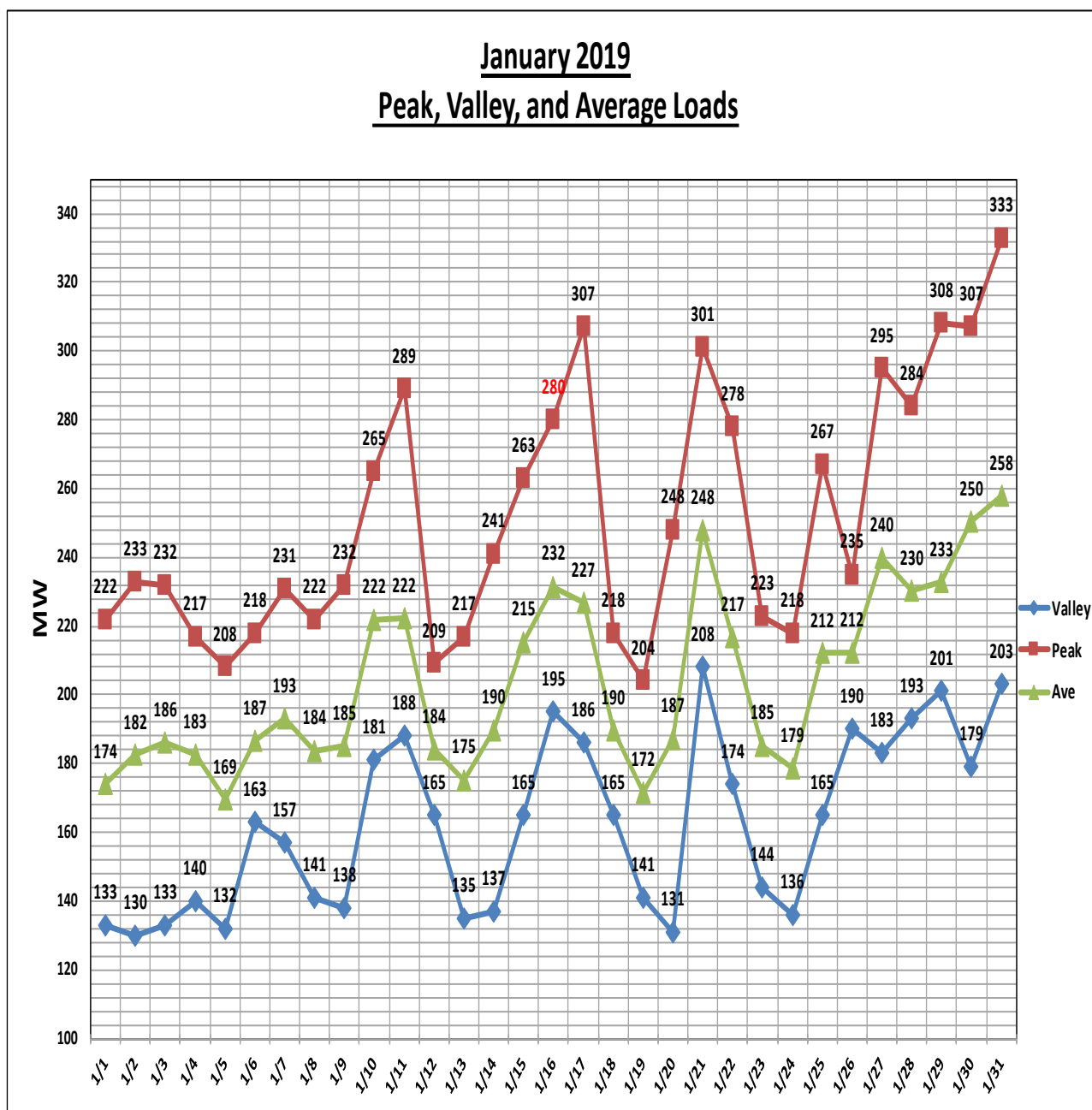
Availability/Capacity

	Availability			Capacity		
	Month	FY 2020 YTD	FY 2019 YTD	Month	FY 2020 YTD	FY 2019 YTD
DH-2	100.00%	99.50%	82.73%	21.12%	27.34%	31.40%
DH-1	100.00%	77.65%	99.51%	18.35%	10.43%	25.55%
Kelly CC	83.99%	87.53%	79.48%	71.91%	75.63%	51.87%
DH CT-1	99.25%	94.52%	99.50%	0.00%	0.61%	0.18%
DH CT-2	100.00%	100.00%	95.50%	0.00%	0.53%	0.12%
DH CT-3	100.00%	99.97%	84.50%	0.00%	0.00%	1.44%
DHR	100.00%	78.99%	90.17%	60.79%	52.77%	71.92%

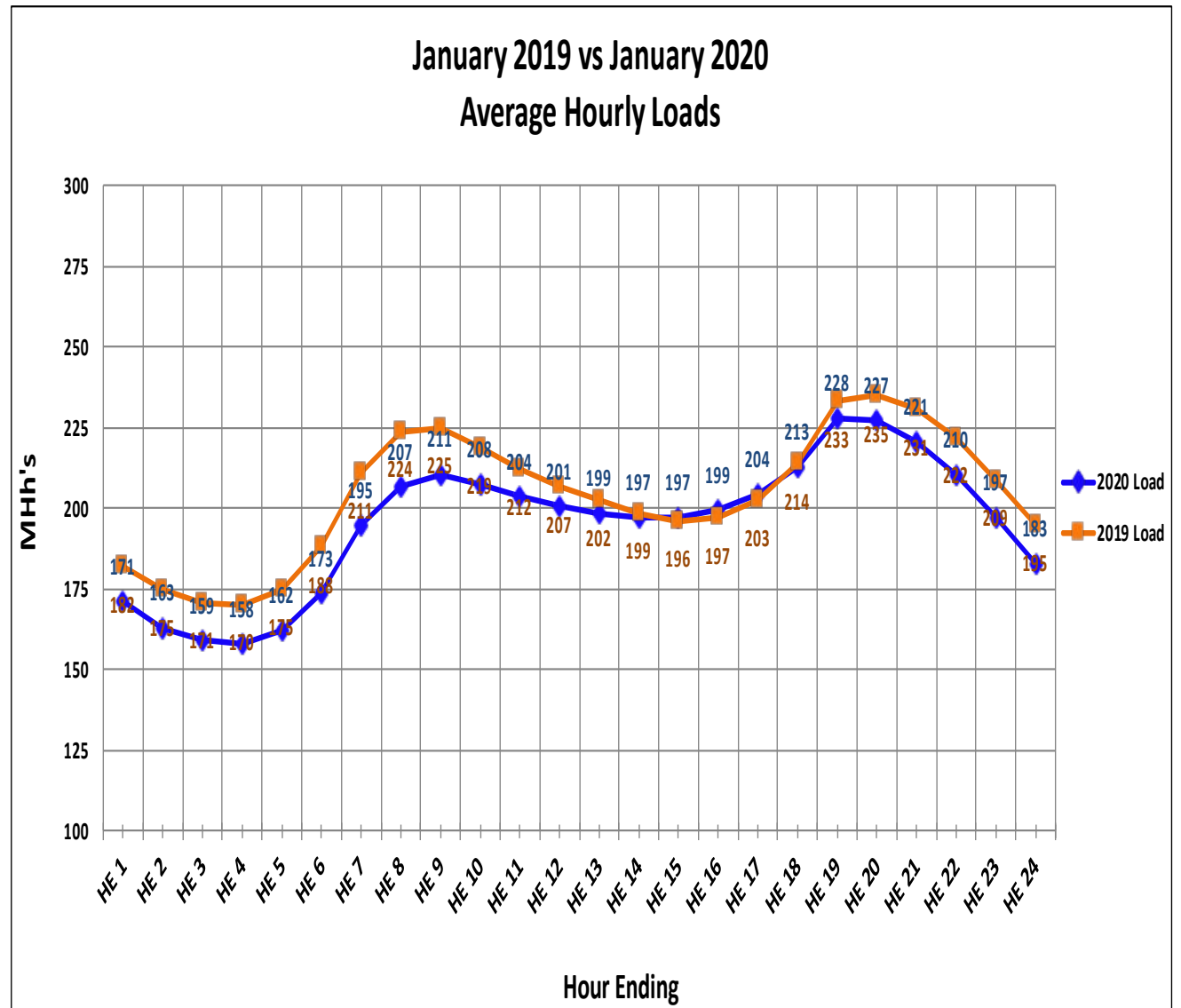
Date	Valley	Peak	Ave
1/1/2020	160	197	175
1/2/2020	149	206	177
1/3/2020	130	232	184
1/4/2020	140	202	173
1/5/2020	139	225	182
1/6/2020	184	274	213
1/7/2020	175	259	203
1/8/2020	158	254	205
1/9/2020	166	270	210
1/10/2020	138	219	182
1/11/2020	136	238	187
1/12/2020	139	255	197
1/13/2020	148	262	208
1/14/2020	137	251	195
1/15/2020	137	252	198
1/16/2020	137	240	190
1/17/2020	134	205	174
1/18/2020	136	205	170
1/19/2020	132	210	171
1/20/2020	146	247	203
1/21/2020	206	315	259
1/22/2020	206	338	262
1/23/2020	176	229	201
1/24/2020	148	207	183
1/25/2020	137	205	173
1/26/2020	164	220	192
1/27/2020	149	223	189
1/28/2020	155	226	193
1/29/2020	178	253	218
1/30/2020	161	232	200
1/31/2020	160	211	188



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	212
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



January Average Hourly Loads		
Hour Ending	2019 Load	2020 Load
HE 1	182	171
HE 2	175	163
HE 3	171	159
HE 4	170	158
HE 5	175	162
HE 6	188	173
HE 7	211	195
HE 8	224	207
HE 9	225	211
HE 10	219	208
HE 11	212	204
HE 12	207	201
HE 13	202	199
HE 14	199	197
HE 15	196	197
HE 16	197	199
HE 17	203	204
HE 18	214	213
HE 19	233	228
HE 20	235	227
HE 21	231	221
HE 22	202	210
HE 23	197	209
HE 24	183	195



Date: As of February 3rd, 2020: Major Energy Supply Projects/Milestones Updates:

1. Deerhaven Generating Station (DH):
 - a. Major Maintenance Group is conducting planned Process Plant Outage that began on 1/6/2020. This outage is on track and scheduled to run through 2/10/2020.
 - b. DH2 planed outage is set to begin on 2/29/2020 and run through 4/14/2020.
 - c. For DH2 we are coordinating with Sargent & Lundy to conducting a due diligence study on the work scope and cost to convert DH2 to either dual fuel or 100% natural gas. We are expect to have results by end of March 2020, and the brief COO/GM in April 2020.
 - d. DHCT1 is still limited to natural gas only, and not able to run on #2 (diesel) fuel. Troubleshooting to restore liquid fuel capability is ongoing with GE Service Representative.
2. Kelly Generating Station (JRK):
 - a. The South Boiler Feed Pump seal was replace by MMG on 1/27/2020, and the pump tested satisfactorily during test run. Pump has since been released to full service with no leakage.
 - b. Unit #8 Steam Turbine and Generator replacement. Progressing on electrical switchgear design (critical path), with specification due by 2/14/2020. Processing Memorandum of Understanding (MOU) for integration engineering scope to start work while installation cost proposal is still being completed. Expecting final cost proposal by 2/21/2020. Electrical switchgear procurement package on track to issue for bid in next 2 weeks. Kelly major outage is schedule to start in January 2021.
3. Deerhaven Renewable(DHR):
 - a. Plant annual emission testing is being conducted week of 2/3/2020.
4. South Energy Center (SEC):
 - a. Wartsila Engine 18,000 hour planned outage set to start on 2/3/2020 and run through 2/7/2020.
 - b. Phase 2 Cooling Tower Fans piping modifications are in progress, and Grey & Associates has new motors and fan blades on order to replace. In parallel we are working diligently with the SEC Engineering Group (Burns & McDonnell) to fully recover this warranty work cost.
5. Other:
 - a. The Solar Intent to Negotiate (ITN) is still in the negotiation process with 3 vendors, with update expected to be presented to UAB/CCOM in March of 2020.

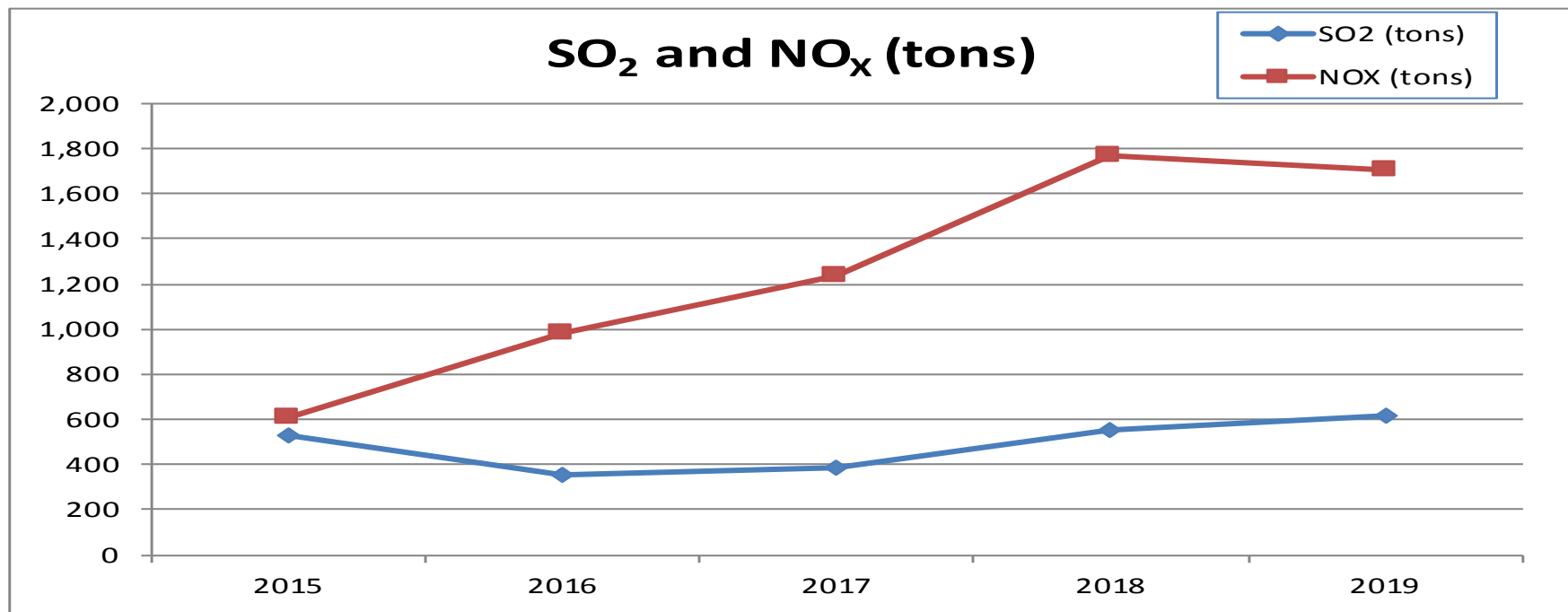
ENVIRONMENTAL PERMITTING

EMISSIONS DATA

Yearly Emissions

	SO ₂ (tons)	NO _x (tons)	Mercury (lbs)	PM (tons)	CO ₂ (tons)
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	618	1,707	5.30	49	2,020,310
2020 (Jan.)	29	102	0.21	3	149,453

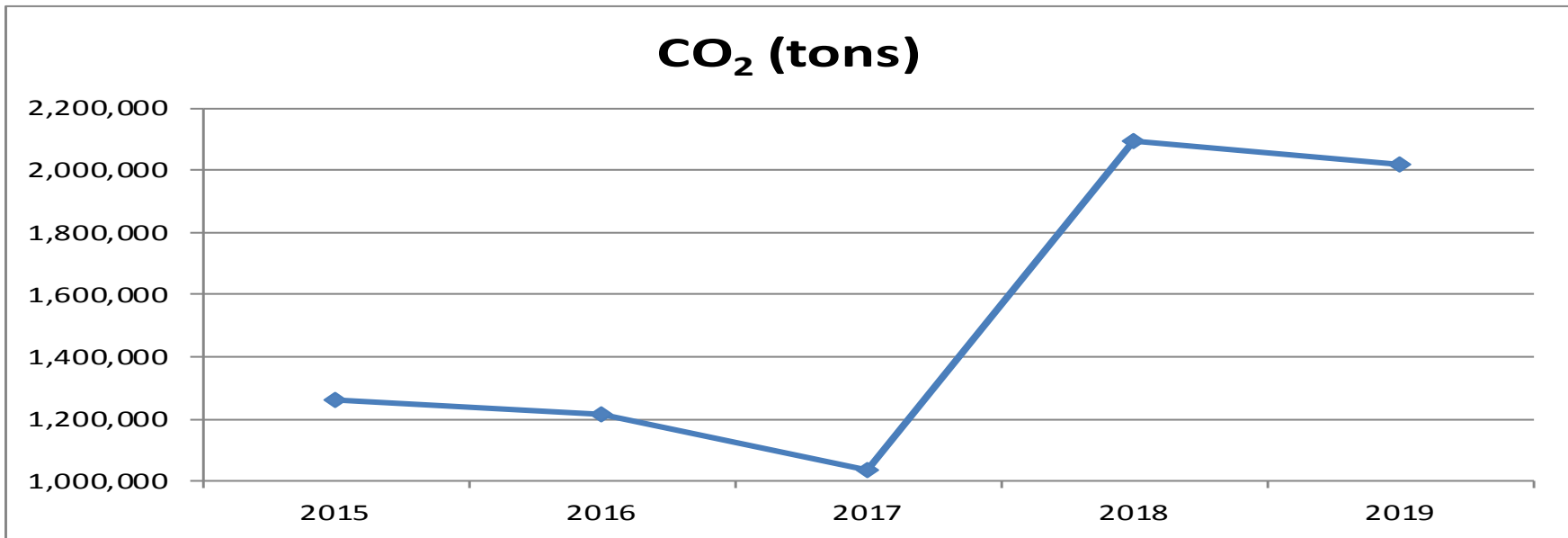
2017, 2018, and 2019 Mercury and Particulate values are for Unit 2 only.



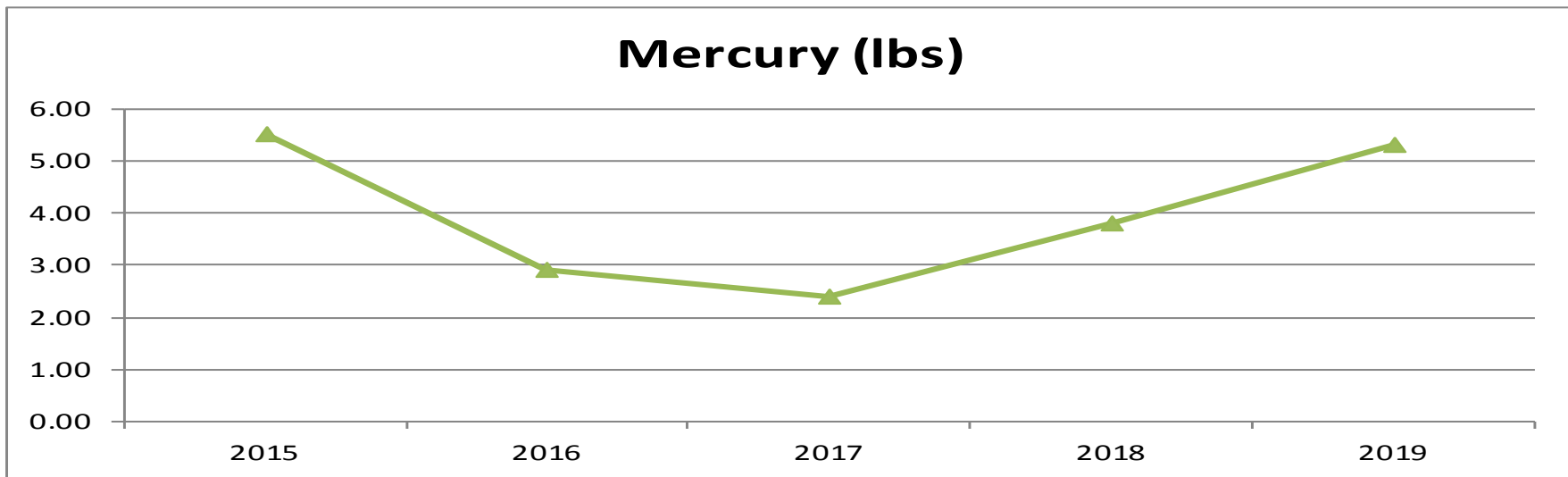
SO₂ was lower in 2015, 2016, and 2017 due to higher removal rate settings to assure compliance with the MATS Rule.

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 and later data include DHR. The previous years did not include DHR.

Yearly Emissions



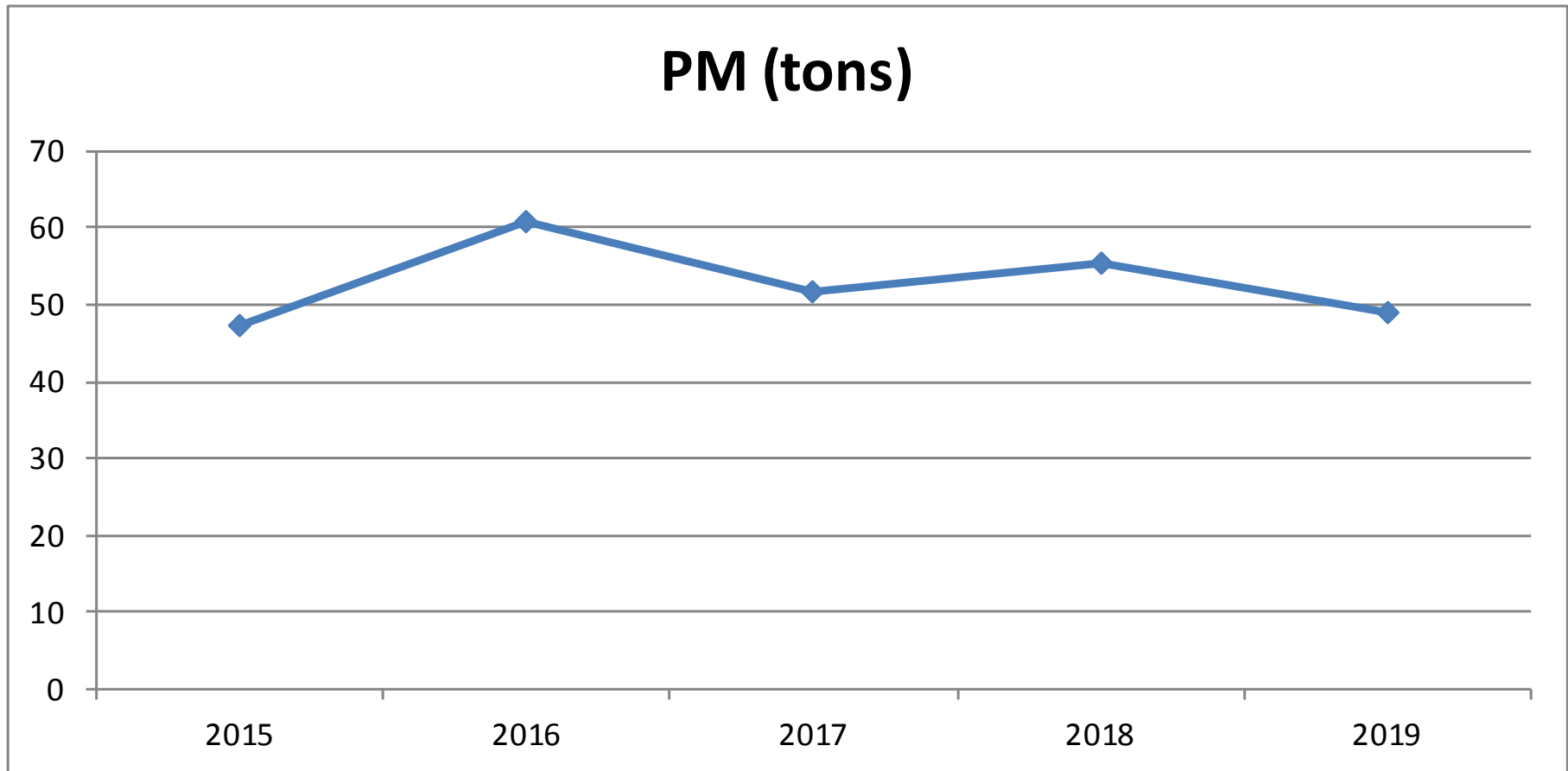
2018 and later data include DHR. The previous years did not include DHR.



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

Yearly Emissions

PM (tons)



EP3

2020 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	10.6			8,031.9			135,141.0	10,840.0
DH2	27.0	63.3	0.21	3.4	35,678.0			422,400.0	39,301.0
DHCT3	0.0	0.0			0.0			0.0	0.0
JRKCC1	0.2	7.8			31,107.4			523,437.7	58,890.0
DHR	1.3	20.1			74,635.6			715,244.2	51,587.9
TOTAL	28.5	101.8	0.212	3.4	149,452.9			1,796,222.9	160,618.9

2020 - 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	10.6			8,031.9			135,141.0	10,840.0
DH2	27.0	63.3	0.21	3.4	35,678.0			422,400.0	39,301.0
DHCT3	0.0	0.0			0.0			0.0	0.0
JRKCC1	0.2	7.8			31,107.4			523,437.7	58,890.0
DHR	1.3	20.1			74,635.6			715,244.2	51,587.9
TOTAL	27.2	81.7	0.212	3.4	149,452.9			1,796,222.9	160,618.9

WATER/WASTEWATER

PRODUCTION

MAINTENANCE

Water/Wastewater January 2020 Dashboard

Production						
Murphree Water Treatment Plant						
		January 2020	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	21.3	23.1	30	77%	
	Peak Daily Flow	24.2	25.3	54	47%	
Main Street Water Reclamation Facility						
		January 2020	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	6.0	5.8	7.5	77%	
Kanapaha Water Reclamation Facility						
		January 2020	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	11.7	11.4	14.9	77%	
Water Reclamation Facilities (Combined)						
		January 2020	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	17.7	17.2	22.4	77%	
Maintenance						
Wastewater Collections						
		Jan 2020 (Miles)	FYTD	Monthly Goal (miles)		
	Miles of gravity mains cleaned	5.9	18.51	5.0		
	Miles of gravity mains TV inspected	4.6	17.08	5.0		
Water Distribution						
		Jan 2020	FYTD	Monthly Goal		
	Number of Water Services Replaced	50	248	75		
SSO Monthly Summary						
		January	YTD	GOAL (annual)		
	Sanitary Sewer Overflows	2	7	<22		

Major Water/Wastewater Projects and Other Updates

MWTP Electric System Upgrade - Startup and cutover to new equipment by component is continuing successful and anticipated to be completed in March/April.

MSWRF Capacity & Renewal Project - planning and design are underway. Progressive Design Build contract is being finalized.

Gravity Sewer Lining - Scheduling lining work for FY20 with the goal of lining 10 miles.

KWRF - headwork repairs complete and back in service

Water Distribution - repairing leaks more rapidly and maintaining leaks holding to under 25 on a monthly average. Replacing approximately 200-300 meters per week.