

# STATE OF THE UTILITY

Operational Update

May 2020

Item #200100

# OPERATIONS SUMMARY

CORPORATE SAFETY

COMPLIANCE

ENVIRONMENTAL

REGULATORY

PERSONNEL

May 2020

**Safety**

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

Employees

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

	Miles Driven*	Current Month Recordable	Preventable
Administration	11,387	0	0
W/WW Systems	85,627	1	1
Energy Supply	1,129	0	0
Energy Delivery - Electric/Gas	121,279	1	1
GRUCom	6,589	0	0
Totals	226,011	2	2

Vehicles

Miles Driven*	Year to Date Recordable	Preventable
90,461	1	0
516,010	5	4
18,383	0	0
706,290	5	3
57,607	0	0
1,388,751	11	7

\*Mileage data is for April 2020. May mileage data will be included in June report.

Mileage YTD through April 2020

**Environmental****Current Month****Calendar Year to Date**

Notices of Violation

0

0

**Emissions**

DH1, DH2, DHCT3, JRKCC1

CO<sub>2</sub> (tons)

87,648

325,630

NO<sub>x</sub> (tons)

92

265

SO<sub>2</sub> (tons)

26

54

DH Unit 2 (only)

PM<sub>FILT</sub> (tons)

4

7

Hg (lbs)

0.40

0.60

**DHR**CO<sub>2</sub> (tons)

61,864

331,434

NO<sub>x</sub> (tons)

20

97

SO<sub>2</sub> (tons)

1

6

**Regulatory****NERC**

Notice of Violations

0

1

Self Reports/Potential Violations

0

6

## Personnel

Row Labels	AUTHORIZED_FTE	FILLED_FTE	VACANCY	Last Month (April)
Administration	16.00	13.00	3.00	4.00
Chief Operating Officer	20.00	19.00	1.00	2.00
Customer Support Services	118.25	108.00	10.25	10.25
Energy Delivery	264.00	253.00	11.00	11.00
Energy Supply	182.00	166.00	16.00	15.00
Energy Supply - District Energy	11.00	11.00	0.00	0.00
Finance	42.00	30.00	12.00	12.00
GRUCom	38.00	29.00	9.00	8.00
Information Technology	71.00	63.00	8.00	8.00
Water Wastewater	168.00	162.00	6.00	6.00
<b>Grand Total</b>	<b>930.25</b>	<b>854.00</b>	<b>76.25</b>	<b>76.25</b>

Filled FTE's do not include temporary employees or interns

Filled FTE's do include staffed overfills

## 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

#### FEBRUARY

- 2/6/2020 – Employee's hand got caught between two conveyor rollers. (DART)
- 2/17/2020 – Employee was walking through an overgrown area while clearing a sewer line easement. He tripped on a vine and fell to the ground, straining his back. (DART)
- 2/27/2020 – While replacing a water meter yoke, the back of the employee's right middle finger was cut from a piece of glass buried in the soil. (DART)

#### MARCH

- None reported

#### APRIL

- 4/22/2020 – At the end of regular duties of the day, employee felt sharp pain in the back. Followed up the next day and pain was still strong. Sent for medical evaluation and diagnosed with back strain

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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

### FEBRUARY

- 2/5/2020 – While driving a service truck with a trailer westbound on East University Ave, a citizen tried to change lanes and collided with the left front corner of the truck. The person did not stay at the scene. Law Enforcement took and report and will follow up.

### MARCH

- 3/27/2020 – An employee driving truck U1961 scraped the back bumper of an unoccupied parked vehicle causing rear bumper damage to the private vehicle. Employee was making a left hand turn into a parking lot near work site and stated that vehicle exiting parking lot was not stopping, so in an effort to allow more space inadvertently made contact with the private vehicle on the opposite side of the approaching vehicle. There was no injury or damage to the GRU vehicle. (P)

### APRIL

- 

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**End of FY 2020**

## 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
2/20/2020	[Audit finding from Regional auditor]. System Operating Limit exceeds Facility Rating for Line 14.
3/3/2020	Failure to issue door alarms for 5 days due to email system configuration error
4/16/2020	Failure to update baseline documents within 30 days of a change to a cyber asset
4/17/2020	Failure to verify at least once each calendar quarter that individuals with active electronic access or unescorted physical access have authorization records



# CUSTOMER SUPPORT SERVICES

Customer Operations

New Services

Revenue Assurance

# Customer Operations Metrics Summary May 2020

Active Accounts	May-20	YTD Gain/Loss	FY19
<i>Residential Contract Accounts</i>			
Total	92,832	1,009	91,823
Electric	85,783	719	85,064
Gas	34,139	334	33,805
Water	64,006	426	63,580
Wastewater	59,837	351	59,486
Telecomm	98	(19)	117

New Installations	May-20	FY20 To Date	FY19
Electric	254	1158	1393
Gas	24	347	512
Water	49	467	654
Wastewater	34	409	614
Telecomm	11	98	141

Call Center Volume	May-20	FY20 To Date	FY19
Residential ASA	0:00:27	0:01:50	0:06:26
Business ASA	0:00:21	0:01:35	0:02:49
CSR Calls	12,437	113,361	151,278
CSR Callbacks	430	2,348	19,343
IVR Self Service	14,730	134,853	227,577
Total	27,597	250,562	398,198
IVR/Total	53%	54%	57%

Bills Generated	May-20	FY20 To Date	FY19
Paper Bills	105,031	856,481	1,278,441
eBills	18,763	156,005	212,879
Total	123,794	1,012,486	1,491,320
eBill/Total	15%	15%	14%

Payment Arrangements	May-20	FY20 To Date	FY19
Total	86	3,621	9,797

Active Accounts	May-20	YTD Gain/Loss	FY19
<i>Nonresidential Contract Accounts</i>			
Total	13,633	37	13,596
Electric	11,043	18	11,025
Gas	1,660	3	1,657
Water	5,914	22	5,892
Wastewater	4,683	(2)	4,685
Telecomm	399	7	392

Residential Disconnects	May-20	FY20 To Date	FY19
Volume	0	6,950	14,076
Average Balance	\$0.00	\$216.41	\$246.88

Revenue Assurance	May-20	FY20 To Date	FY19
Referred to Collections	\$79,354.12	\$1,014,740.01	\$1,948,001.43
Recovered	\$62,142.49	\$512,813.70	\$796,259.96

Service Orders	May-20	FY20 To Date	FY19
Move Ins	7,659	54,208	109,537
Move Outs	6,891	52,716	109,795

Average Res Bill Amounts	May-20	FY20 To Date	FY19
Electric (kWh)	762	732	836
Electric (\$)	\$112.20	\$112.22	\$122.20
Gas (Therms)	13	22	19
Gas (\$)	\$25.95	\$37.66	\$32.72
Water (kGals)	5	5	6
Water (\$)	\$33.58	\$31.27	\$28.61
Wastewater (kGals)	5	5	7
Wastewater(\$)	\$38.07	\$38.07	\$34.25

6/10/2020

# ENERGY DELIVERY

System Consumption

System Reliability

Major Projects – Electric & Gas

# ENERGY DELIVERY - UAB REPORT - MAY 2020

## Durations Reliability Report Between 05/01/2020 and 05/31/2020

Excludes Extreme Weather and Generation/Transmission Disturbances

CUSTOMER DATA		RELIABILITY INDICES	MONTHLY AVG GOAL
Monthly Average Customers Served(C)	98,945	Average Service Availability Index (ASAI)	99.9888%
Total Hours of Customer Demand	71,240,400	System Average Interruption Duration Index (SAIDI)	4.82 4.5
Total Number of Outages	63	Customer Average Interruption Duration Index (CAIDI)	46.23 55
Total Number of Customers Affected (CI)	10,315	System average Interruption Frequency Index (SAIFI)	0.10 0.08
Total Customer Minutes Interrupted (CMI)	476,879		
Total Customer "Out Minutes"	8,028	Average Length of a Service Interruption (L-Bar)	127.43 Mins

Cause of Outages				
Cause	Overhead	Underground	Both	Total
0. Undetermined	2	1	0	3
1. Weather	3	0	0	3
2. Vegetation	21	1	0	22
3. Animals	3	0	1	4
4. Foreign Interference	0	0	0	0
5. Human Cause	1	1	0	2
6. Equipment Failure	11	13	5	29
7. All Remaining Outages	0	0	0	0
Total	41	16	6	63

## Durations Reliability Report Between 01/01/2020 and 05/31/2020\*

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

CUSTOMER DATA		RELIABILITY INDICES	GRU YTD GOALS
Monthly Average Customers Served(C)	98,945	Average Service Availability Index (ASAI)	99.9876%
Total Hours of Customer Demand	358,576,680	System Average Interruption Duration Index (SAIDI)	26.93 22.5
Total Number of Outages	244	Customer Average Interruption Duration Index (CAIDI)	71.00 55
Total Number of Customers Affected (CI)	37,531	System average Interruption Frequency Index (SAIFI)	0.38 0.40
Total Customer Minutes Interrupted (CMI)	2,664,602		
Total Customer "Out Minutes"	47,415	Average Length of a Service Interruption (L-Bar)	194.32 Mins

## ENERGY DELIVERY - UAB REPORT - MAY 2020

	GRU	GRU	EIA - All	EIA - Public	FMPA
	CY 20 Goal	CY 2019 Actual	CY 2018	CY 2018	CY 2019
<b>SAIDI</b>	54 Mins	56.72	143.37	63.12	74.51
<b>CAIDI</b>	55 Mins	66.8	75.86	78.98	60.89
<b>SAIFI</b>	0.96	0.85	1.82	0.85	1.230

Notes on EIA and FMPA Data:

1. EIA - All data is Florida only and includes co-ops, IOU's and municipals
2. FMPA data includes 23 municipals in Florida
3. Breakdown:

**Number of Utilities Submitting Data in FL**

All	Coop	IOU	Public Power
37	13	5	19

Cause of Outages				
Cause	Overhead	Underground	Both	Total
0. Undetermined	11	1	3	15
1. Weather	7	0	1	8
2. Vegetation	95	2	3	100
3. Animals	14	0	2	16
4. Foreign Interference	0	0	0	0
5. Human Cause	16	7	2	25
6. Equipment Failure	26	35	15	76
7. All Remaining Outages	0	0	4	4
Total	169	45	30	244
* REPORTED AS CALENDAR YEAR				

# ENERGY DELIVERY - UAB REPORT - MAY 2020

## Durations Reliability Report Between 05/01/2020 and 05/31/2020

	2020		2019	
	CONSUMPTION	CUSTOMERS	CONSUMPTION	CUSTOMERS
Feed-In-Tariff - Residential	59 KWH	101	53 KWH	101
Feed-In-Tariff - General Service	2,114 KWH	157	1,985 KWH	156
Electric - GS - Demand - Regular	40,905,368 KWH	1,181	48,118,827 KWH	1,208
Electric - General Service Demand PV	791,198 KWH	22	737,137 KWH	19
Electric - GS - Kanapaha w Curtail Cr	1,086,000 KWH	1	1,005,600 KWH	1
Electric - GS - Demand - Large Power	7,544,960 KWH	7	7,440,880 KWH	7
Electric - GS - Murphree Curtail Credit	1,360,800 KWH	1	1,372,800 KWH	1
Electric - GS Large Demand PV	3,472,800 KWH	2	3,679,200 KWH	2
Electric - GS - Non Demand	12,519,719 KWH	9,864	14,892,228 KWH	9,799
Electric - General Service PV	71,622 KWH	69	88,682 KWH	63
Electric - Lighting - Rental	929,299 KWH	3,991 <i>n</i>	979,815 KWH	4,230 <i>n</i>
Electric - Lighting - Street - City	569,293 KWH	12 <i>n</i>	724,500 KWH	12 <i>n</i>
Electric - Lighting - Street - County	131,447 KWH	2 <i>n</i>	163,165 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	63,859,055 KWH	86,647	63,983,651 KWH	86,089
Electric - Residential PV	180,077 KWH	445	149,387 KWH	358
Total Retail Electric	133,428,353 KWH	98,500	143,342,452 KWH	97,804
(n =not included in total customer count)				
City of Alachua	10,853,000 KWH KWH	24,162 KW	12,570,000 KWH	27,064 KW
Total (Native) Electric	144,281,353 KWH		155,912,446 KWH	

## Gas System Consumption

	2020		2019	
	CONSUMPTION	CUSTOMERS	CONSUMPTION	CUSTOMERS
Gas - GS - Regular Service (Firm)	541,630 THM	1,370	706,409 THM	1,392
Gas - GS - Regular Service (Small)	4,422 THM	311	7,772 THM	285
Gas - GS - Interruptible - Regular Serv	16,000 THM	1	17,070 THM	1
Gas - GS - Interruptible - Large Volume	396,625 THM	7	343,850 THM	6
Gas - Residential - Regular Service	425,469 THM	34,240	407,136 THM	33,967
Total Retail Gas	1,384,146 THM	35,929	1,482,237 THM	35,651
Gas - GS - UF Cogeneration Plant	1,633,010 THM	1	2,357,617 THM	1
Gas - Residential - LP - Basic Rate	3,367 GAL	200	2,952 GAL	202

\*Obtained from Monthly Billing Summary prepared by Todd Kamhoot.

# **ENERGY DELIVERY - UAB REPORT - MAY 2020**

## **Durations Reliability Report Between 05/01/2020 and 05/31/2020**

### **Major Electric Design Projects**

#### **West**

- > Celebration Pointe (Commercial & Residential Development)
- > Tower Road Mixed Use Development (Market's West)/Grand Oaks (144 single family residences)
- > Newberry Park TND - SW 122nd & Newberry Road - 149,590 s.f. (mixed use)
- > 8th Ave OH to UG Conversion (Ph. 3)
- > FDOT Light Project / Signalization Project-SR26

#### **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 – Greystone Health and Rehab - SW 41st Pl - 1800'
- > Main Installation – Top Tier - SW 140th Ter - 1447'
- > Main Installation – Oakmont Subdivision – ongoing – 10600'
- > Main Installation - Kingston Pl. Subdivision – NW 25th Ave – 5100'

ENERGY SUPPLY

SYSTEM STATISTICS

ENERGY DISTRIBUTION

FUEL



May 2020

**Energy Supply - CAPACITY**

**Energy Supply - Performance Parameter**

Source

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

Month	YTD	Budget YTD	Delta Budget
37,472	201,775	319,759	(117,984)
25,256	90,073	21,621	68,452
49,389	434,283	602,462	(168,179)
303	1,724	551	1,173
20,151	36,985	104,222	(67,237)
35,168	269,823	121,347	148,476

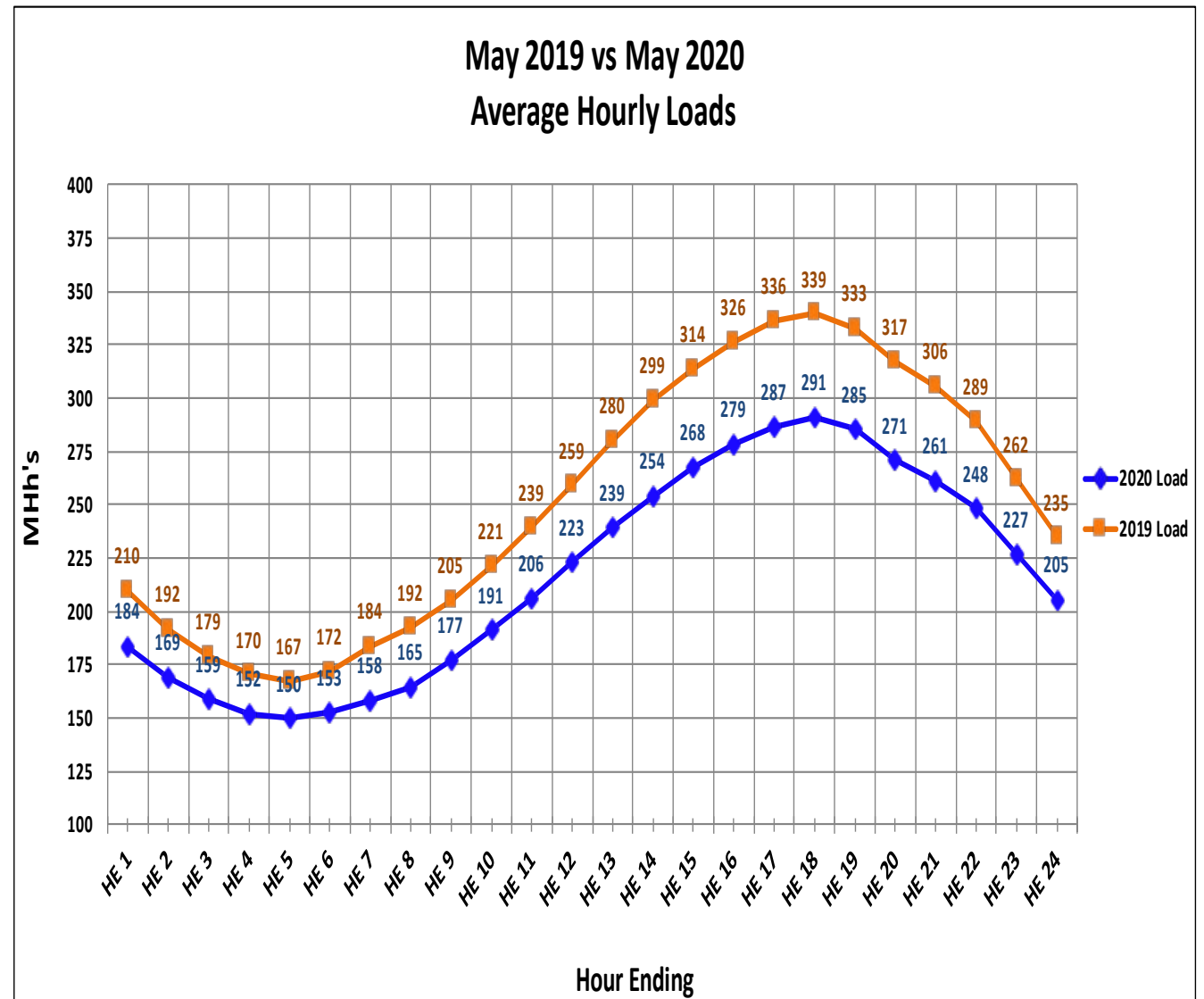
**Fuels Consumed**

	Month	FYTD	Budget YTD	Delta Budget
Coal - Tons	12,033	65,989	175,342	(109,353)
Gas - MCF	960,058	7,116,899	5,535,920	1,580,979
Fuel oil - Gals	-	1,327	-	1,327
Biomass - Tons	49,576	396,948	156,987	239,961

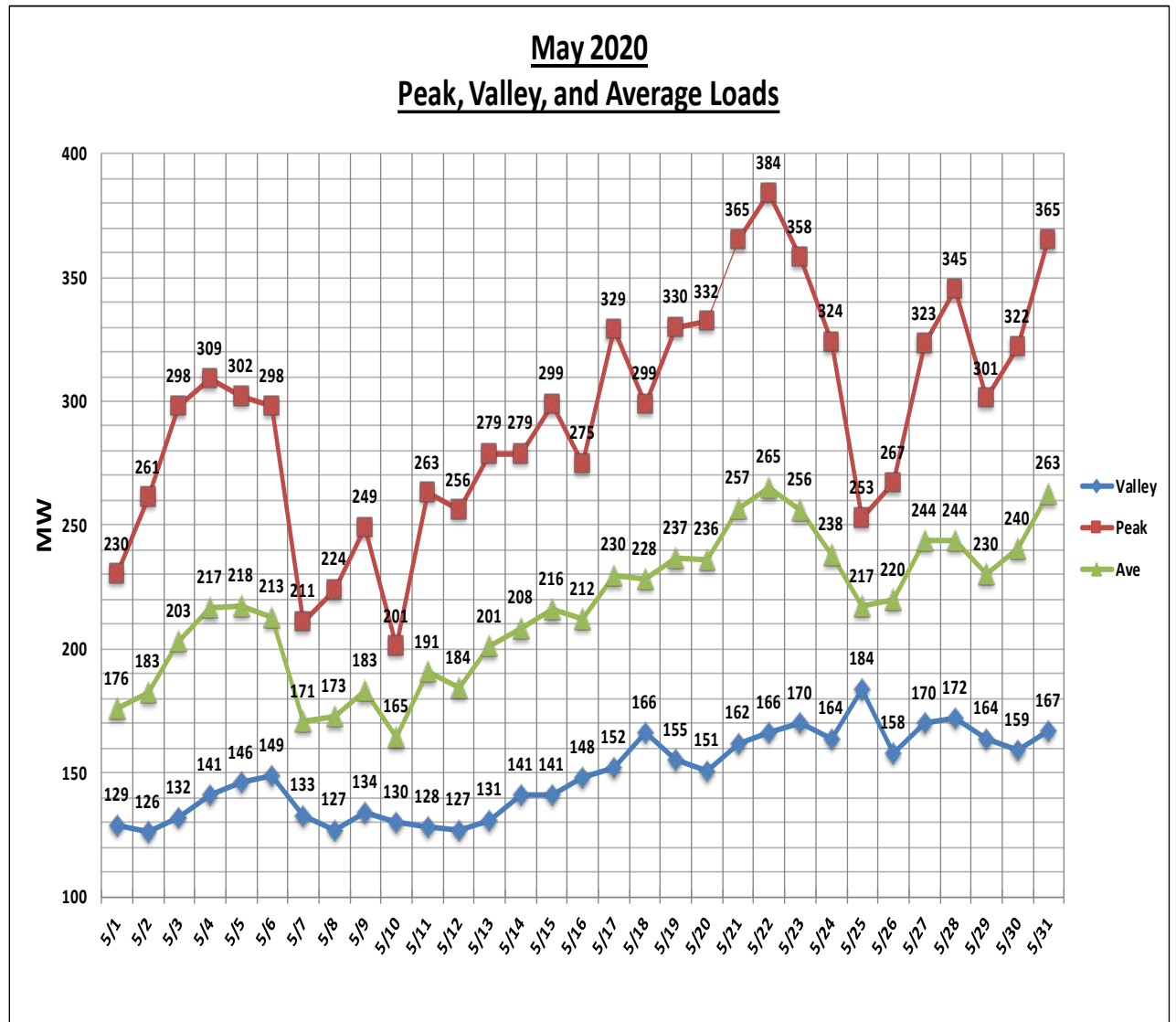
**Availability/Capacity**

	Availability			Capacity		
	Month	FY 2020 YTD	FY 2019 YTD	Month	FY 2020 YTD	FY 2019 YTD
DH-2	92.82%	71.54%	82.73%	24.85%	16.80%	31.40%
DH-1	100.00%	88.70%	99.51%	46.27%	27.59%	25.55%
Kelly CC	85.08%	91.31%	79.48%	61.17%	80.98%	51.87%
DH CT-1	100.00%	97.19%	99.50%	0.00%	0.31%	0.18%
DH CT-2	100.00%	97.42%	95.50%	0.00%	0.31%	0.12%
DH CT-3	100.00%	99.44%	84.50%	0.47%	0.25%	1.44%
DHR	89.78%	87.75%	90.17%	49.31%	51.10%	71.92%

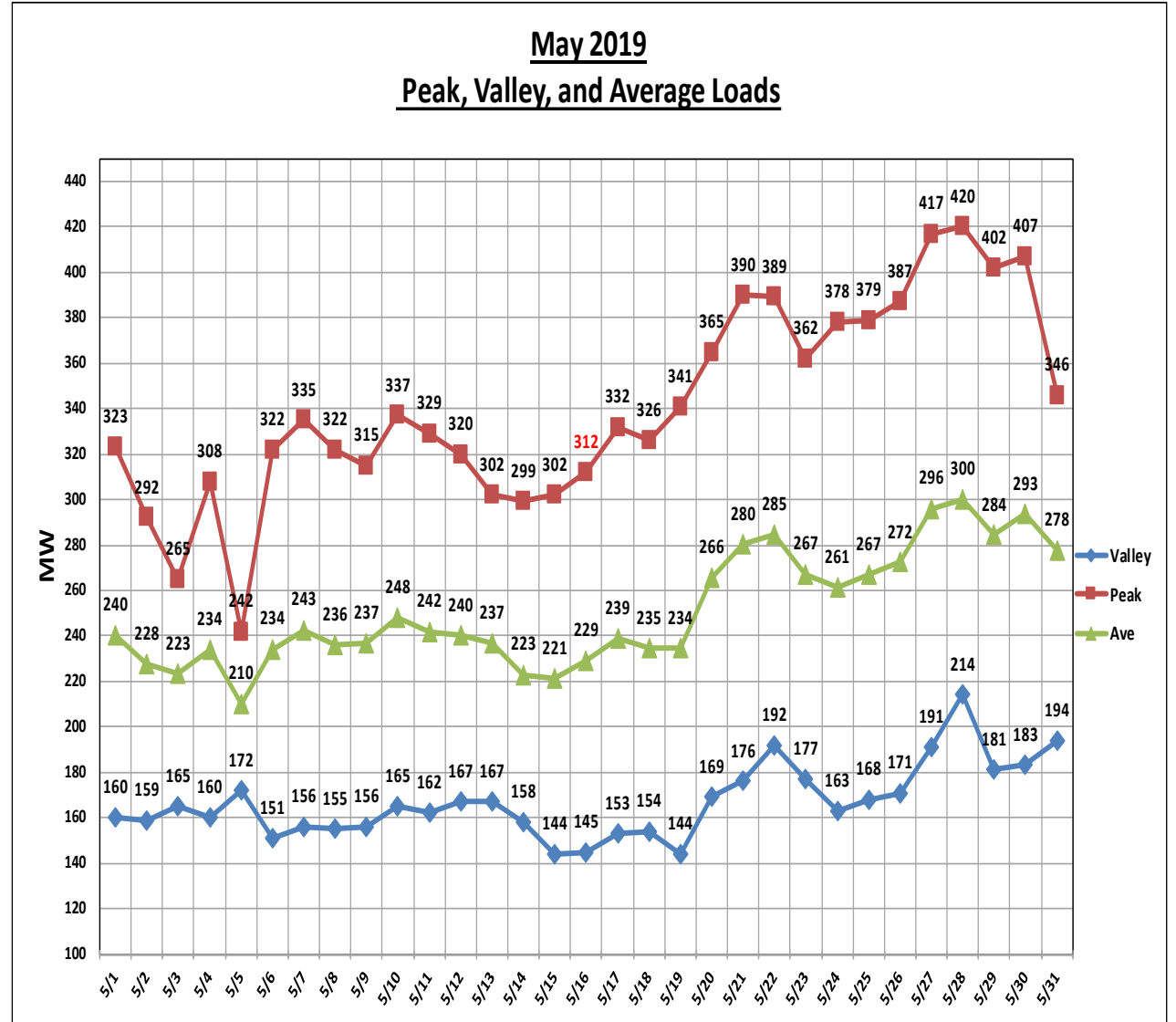
May Average Hourly Loads		
Hour Ending	2019 Load	2020 Load
HE 1	210	184
HE 2	192	169
HE 3	179	159
HE 4	170	152
HE 5	167	150
HE 6	172	153
HE 7	184	158
HE 8	192	165
HE 9	205	177
HE 10	221	191
HE 11	239	206
HE 12	259	223
HE 13	280	239
HE 14	299	254
HE 15	314	268
HE 16	326	279
HE 17	336	287
HE 18	339	291
HE 19	333	285
HE 20	317	271
HE 21	306	261
HE 22	289	248
HE 23	262	227
HE 24	235	205



Date	Valley	Peak	Ave
5/1/2020	129	230	176
5/2/2020	126	261	183
5/3/2020	132	298	203
5/4/2020	141	309	217
5/5/2020	146	302	218
5/6/2020	149	298	213
5/7/2020	133	211	171
5/8/2020	127	224	173
5/9/2020	134	249	183
5/10/2020	130	201	165
5/11/2020	128	263	191
5/12/2020	127	256	184
5/13/2020	131	279	201
5/14/2020	141	279	208
5/15/2020	141	299	216
5/16/2020	148	275	212
5/17/2020	152	329	230
5/18/2020	166	299	228
5/19/2020	155	330	237
5/20/2020	151	332	236
5/21/2020	162	365	257
5/22/2020	166	384	265
5/23/2020	170	358	256
5/24/2020	164	324	238
5/25/2020	184	253	217
5/26/2020	158	267	220
5/27/2020	170	323	244
5/28/2020	172	345	244
5/29/2020	164	301	230
5/30/2020	159	322	240
5/31/2020	167	365	263



Date	Valley	Peak	Ave
5/1/2019	160	323	240
5/2/2019	159	292	228
5/3/2019	165	265	223
5/4/2019	160	308	234
5/5/2019	172	242	210
5/6/2019	151	322	234
5/7/2019	156	335	243
5/8/2019	155	322	236
5/9/2019	156	315	237
5/10/2019	165	337	248
5/11/2019	162	329	242
5/12/2019	167	320	240
5/13/2019	167	302	237
5/14/2019	158	299	223
5/15/2019	144	302	221
5/16/2019	145	312	229
5/17/2019	153	332	239
5/18/2019	154	326	235
5/19/2019	144	341	234
5/20/2019	169	365	266
5/21/2019	176	390	280
5/22/2019	192	389	285
5/23/2019	177	362	267
5/24/2019	163	378	261
5/25/2019	168	379	267
5/26/2019	171	387	272
5/27/2019	191	417	296
5/28/2019	214	420	300
5/29/2019	181	402	284
5/30/2019	183	407	293
5/31/2019	194	346	278



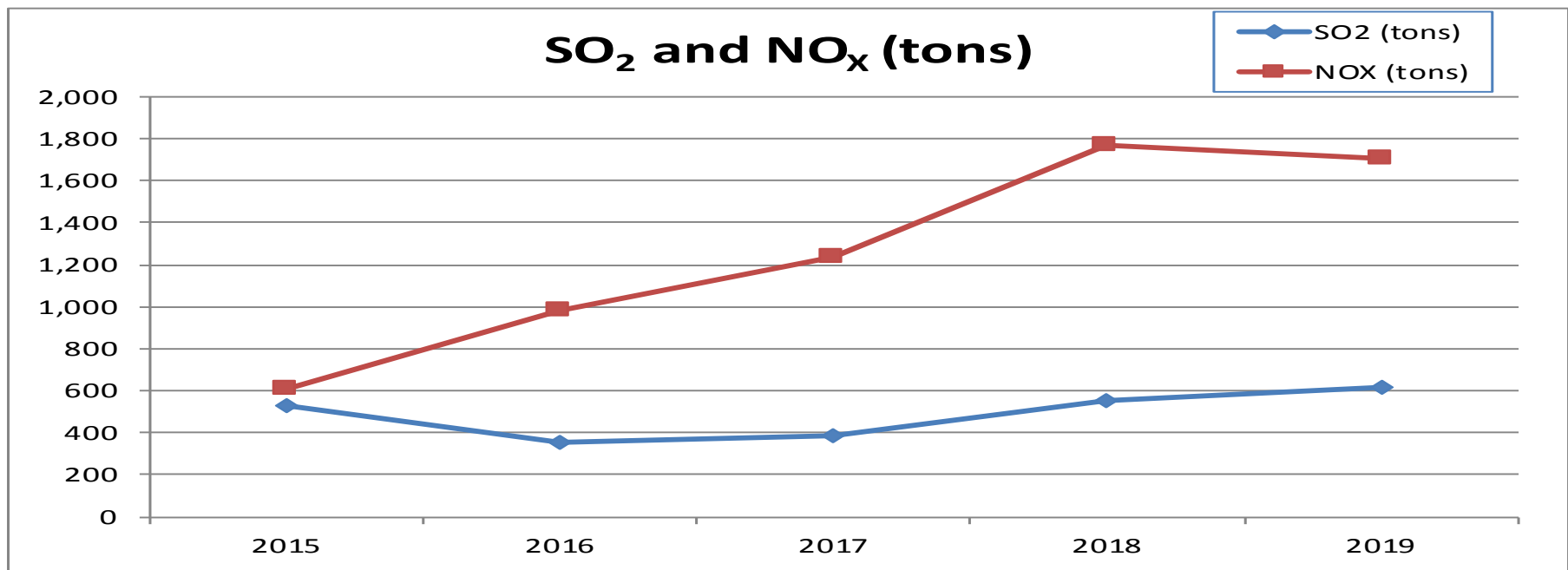
# ENVIRONMENTAL PERMITTING

## EMISSIONS DATA

## Yearly Emissions

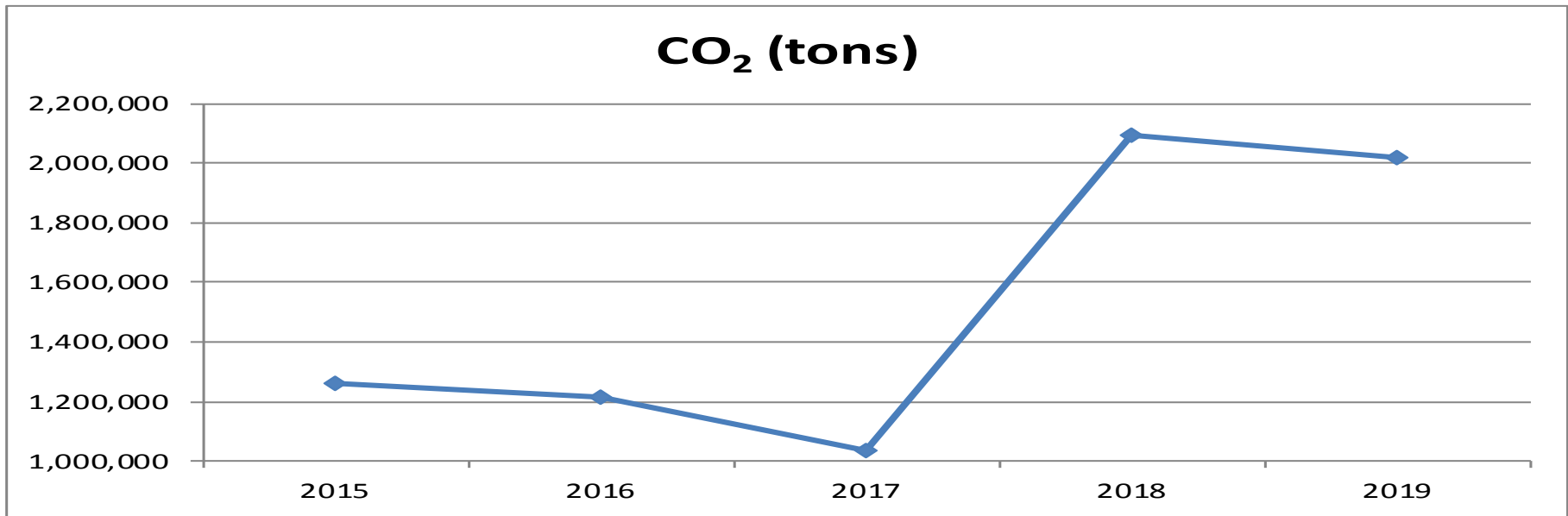
	SO <sub>2</sub> (tons)	NO <sub>x</sub> (tons)	Mercury (lbs)	PM (tons)	CO <sub>2</sub> (tons)
2015	532	608	5.49	47	1,260,423
2016	354	984	2.92	61	1,216,690
2017	389	1,239	2.40	52	1,037,711
2018	551	1,770	3.80	55	2,096,289
2019	618	1,707	5.30	49	2,020,310
2020 (Apr.)	60	362	0.61	7	657,064

**2017, 2018, 2019 and 2020 Mercury and Particulate values are for Unit 2 only.**

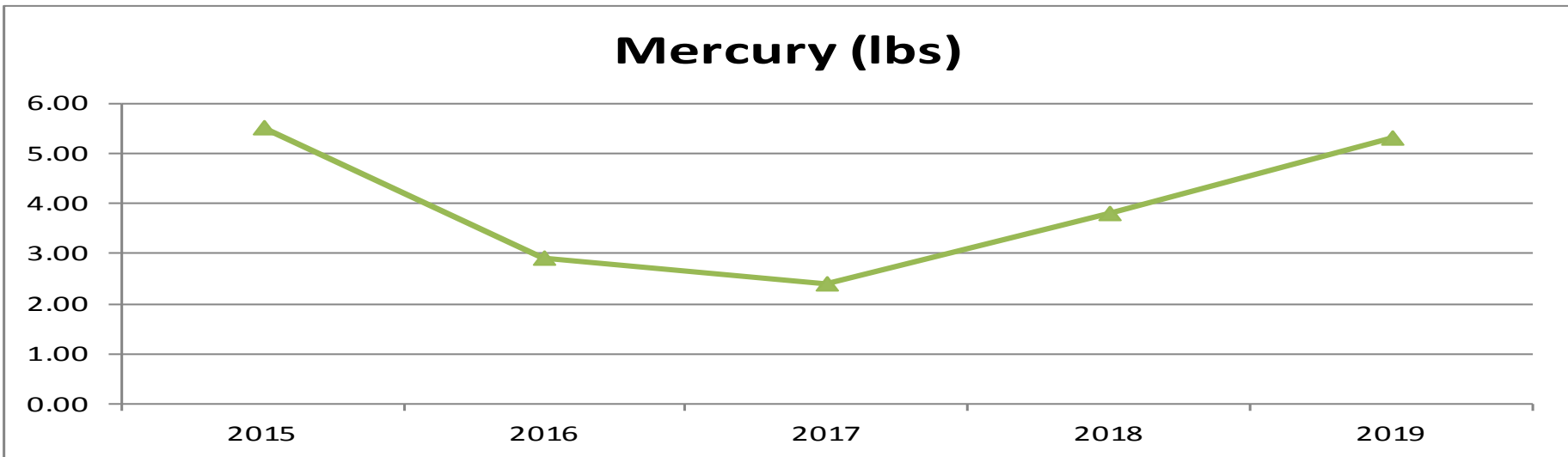


SO<sub>2</sub> was lower in 2015, 2016, and 2017 due to higher removal rate settings to assure compliance with the NO<sub>x</sub> was higher in 2016 since it was more cost effective to use allowances than increase SCR removal rate. 2018 and later data include DHR. The previous years did not include DHR.

## Yearly Emissions

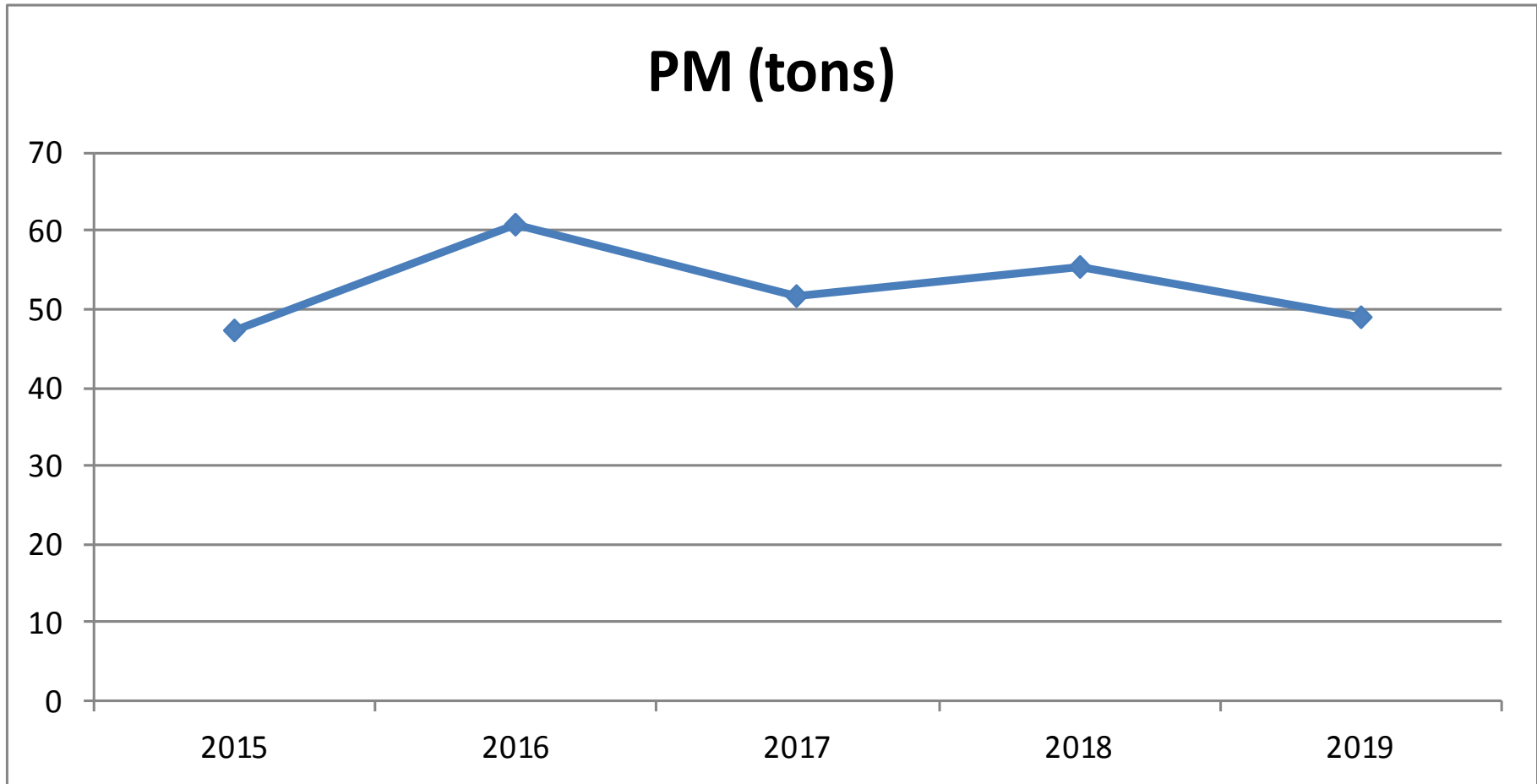


**2018 and later data include DHR. The previous years did not include DHR.**



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

## Yearly Emissions





YTD - 2020 May

	SO <sub>2</sub> (tons)	NO <sub>x</sub> (tons)	Mercury (lbs)	PM (tons)	CO <sub>2</sub> (tons)	SO <sub>2</sub> Rate (lb/MMBtu)	NO <sub>x</sub> Rate (lb/MMBtu)	HTIP (MMBtu)	GEN (MW-hours)
DH1	0.4	103.8			80,756.2			1,358,861.0	114,289.0
DH2	53.0	123.3	0.61	7.2	75,551.4			883,468.0	85,998.0
DHCT3	0.0	0.3			1,257.7			21,164.0	1,418.0
JRKCC1	0.8	37.7			168,064.5			2,827,998.1	334,797.0
DHR	6.2	97.2			331,434.4			3,177,115.5	223,123.6
<b>TOTAL</b>	<b>60.4</b>	<b>362.3</b>	<b>0.605</b>	<b>7.2</b>	<b>657,064.2</b>			<b>8,268,606.6</b>	<b>759,625.6</b>

2020 - May

	SO <sub>2</sub> (tons)	NO <sub>x</sub> (tons)	Mercury (lbs)	PM (tons)	CO <sub>2</sub> (tons)	SO <sub>2</sub> Rate (lb/MMBtu)	NO <sub>x</sub> Rate (lb/MMBtu)	HTIP (MMBtu)	GEN (MW-hours)
DH1	0.1	26.6			20,871.8			351,204.0	27,313.0
DH2	26.0	59.8	0.39	3.7	39,636.6			457,886.0	46,263.0
DHCT3	0.0	0.1			273.3			4,599.0	305.0
JRKCC1	0.1	5.6			26,866.2			452,078.1	50,154.0
DHR	1.2	19.9			61,864.4			593,405.1	41,871.1
<b>TOTAL</b>	<b>27.4</b>	<b>112.0</b>	<b>0.4</b>	<b>3.7</b>	<b>149,512.3</b>			<b>1,859,172.2</b>	<b>165,906.1</b>

WATER/WASTEWATER

PRODUCTION

MAINTENANCE

# Water/Wastewater May 2020 Dashboard

Production						
Murphree Water Treatment Plant						
		May 2020	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	24.2	22.4	30	75%	
	Peak Daily Flow	27.8	25.5	54	47%	
Main Street Water Reclamation Facility						
		May 2020	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	5.8	5.6	7.5	74%	
Kanapaha Water Reclamation Facility						
		May 2020	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	11.0	11.2	14.9	75%	
Water Reclamation Facilities (Combined)						
		May 2020	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	16.8	16.8	22.4	75%	
Maintenance						
Wastewater Collections						
		May 2020 (Miles)	FYTD	Monthly Goal (miles)		
	Miles of gravity mains cleaned	1.6	32.94	5.0		
	Miles of gravity mains TV inspected	2.21	52.74	5.0		
Water Distribution						
		May 2020	FYTD	Monthly Goal		
	Number of Water Services Replaced	136	626	75		
SSO Monthly Summary						
		May	YTD	GOAL (annual)		
	Sanitary Sewer Overflows	1	14	<22		

## Major Projects and Other Updates

**MWTP Electric System Upgrade** - The MWTP is now operating on the new electrical system. The old equipment is being demolished and removed. The project is close to substantial completion.

**MSWRF Phase I Project** - planning and design are underway. Progressive Design Build contract is being finalized.

**Gravity Sewer Lining** - Significant lining work is underway.

**Eastside Force Main** - Upgrading and adding capacity to a force main east of Waldo Road. Project to begin construction this month.

**Water Distribution** - repairing leaks more rapidly and maintaining leaks holding to under 25 on a monthly average.

**Meter Replacement Program** - completed changeout of over 4,700 meters meeting the annual goal.