

# STATE OF THE UTILITY

Operational Update

November 2020

Item #200714

# OPERATIONS SUMMARY

CORPORATE SAFETY

COMPLIANCE

ENVIRONMENTAL

REGULATORY

PERSONNEL

November 2020

November 2020

**Safety**

**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
<b>Totals</b>		0	

Employees

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

	Current Month		
	Miles Driven*	Recordable	Preventable
Administration	3,403		
W/WW Systems	38,222	1	1
Energy Supply	0		
Energy Delivery - Electric/Gas	62,587	1	1
GRUCom	4,423		
<b>Totals</b>	108,635	2	2

Vehicles

	Year to Date		
	Miles Driven*	Recordable	Preventable
	3,403	0	0
	38,222	1	1
	0	0	0
	62,587	1	1
	4,423	0	0
	108,635	2	2

\*Mileage data is for October 2020. November mileage data will be included in December report.

Mileage YTD only October 2020

**Environmental**

**Environmental**

		Current Month
Notices of Violation		0
<b>Emissions</b>		
DH1, DH2, DHCT3, JRKCC1		
CO <sub>2</sub> (tons)		91,884
NO <sub>x</sub> (tons)		105
SO <sub>2</sub> (tons)		46
DH Unit 2 (only)		
PM <sub>FILT</sub> (tons)		6
Hg (lbs)		0.30
DHR		
CO <sub>2</sub> (tons)		32,728
NO <sub>x</sub> (tons)		8
SO <sub>2</sub> (tons)		0

**Calendar Year to Date**

0
949,088
905
331
43
2.91
629,250
190
11

**Regulatory**

NERC	
Notice of Violations	1*
Self Reports/Potential Violations	0

**Fiscal Year to Date**

2
0

\*includes determinations made in FY2021 for prior years, which is why there are more violations than potential violations

## Personnel

	AUTHORIZED FTE	FILLED FTE	VACANCY	Last Month (October)
Administration	16.00	13.00	3.00	3.00
Chief Operating Officer	20.00	18.00	2.00	2.00
Customer Support Services	118.25	107.25	11.00	12.00
Energy Delivery	264.00	250.00	14.00	14.00
Energy Supply	183.00	163.00	20.00	18.00
Energy Supply - District Energy	11.00	11.00	0.00	0.00
Finance	42.00	30.75	11.25	10.25
GRUCom	38.00	29.00	9.00	10.00
Information Technology	71.00	66.00	5.00	6.00
Water Wastewater	169.00	158.00	11.00	11.00
<b>Grand Total</b>	<b>932.25</b>	<b>846.00</b>	<b>86.25</b>	<b>86.25</b>

Authorized and filled FTE's do not include temporary employees or interns.

Filled FTE's do include staffed overfills

## Utility Advisory Board Monthly Report – FY 2021 NERC compliance

### Penalty violations

<u>Determination date</u>	<u>Description</u>
N/A	No penalties to-date for FY 2021

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

<u>Determination date</u>	<u>Description</u>
10/30/2020 (FY2020)	Two relay settings not adjusted in accordance with PRC-023-4 for 18 months
11/23/2020 (FY2020)	Substation control house door left unsecure for 9 hours

### 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
3/3/2020 (FY2020)	Failure to issue door alarms for 5 days due to email system configuration error
4/16/2020 (FY2020)	Failure to update baseline documents within 30 days of a change to a cyber asset

## Utility Advisory Board Monthly Report – FY 2021 Safety Data Summary

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

#### OCTOBER

- 10/1/2020 – While removing bolts with a ratchet wrench on a regulator at the Alachua Farm tap, employee strained his back. (DART)

#### NOVEMBER

- None reported

#### DECEMBER

#### JANUARY

#### FEBRUARY

#### MARCH

#### APRIL

#### MAY

#### JUNE

#### JULY

#### AUGUST

#### SEPTEMBER

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**End of FY 2021**

## Utility Advisory Board Monthly Report – FY 2021 Vehicle Collision Summary

**Vehicle Collisions** (P) indicates preventable by our employee

### OCTOBER

- 10/1/2020 – While stopped at a red light, the driver of our vehicle leaned over to put something in the passenger seat, taking his foot off the brake and rolling into the vehicle in front of him. Very minor damage and no injuries. (P)
- 10/26/2020 – an employee was backing up, when a private vehicle backing out of an adjacent driveway backed into the right rear of U1646 causing damage to both vehicles. There were no injuries (P)

### NOVEMBER

- None reported

### DECEMBER

### JANUARY

### FEBRUARY

### MARCH

### APRIL

### MAY

### JUNE

### JULY

### AUGUST

### SEPTEMBER

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**End of FY 2021**

# CUSTOMER SUPPORT SERVICES

Customer Operations

New Services

Revenue Assurance



# Customer Operations Metrics Summary November 2020

<b>Active Accounts</b>	Nov-20	YTD Gain/Loss	FY20
<i>Residential Contract Accounts</i>			
Total	93,901	36	93,865
Electric	86,830	99	86,731
Gas	34,202	(3)	34,205
Water	64,167	(62)	64,229
Wastewater	59,953	(81)	60,034
Telecomm	0	(87)	87

<b>Active Accounts</b>	Nov-20	YTD Gain/Loss	FY20
<i>Nonresidential Contract Accounts</i>			
Total	13,188	(432)	13,620
Electric	11,008	(24)	11,032
Gas	1,663	(3)	1,666
Water	5,888	(23)	5,911
Wastewater	4,662	(10)	4,672
Telecomm	0	(403)	403

<b>New Installations</b>	Nov-20	FY21 To Date	FY20
Electric	0	188	2430
Gas	0	208	558
Water	0	42	744
Wastewater	0	35	667
Telecomm	0	0	131

<b>Residential Disconnects</b>	Nov-20	FY21 To Date	FY20
Volume	1,372	2,858	7,791
Average Balance	\$248.22	\$252.74	\$175.34

<b>Call Center Volume</b>	Nov-20	FY21 To Date	FY20
Residential ASA	0:16:31	0:14:56	0:03:41
Business ASA	0:03:07	0:03:04	0:02:27
CSR Calls	14,799	32,900	188,834
CSR Callbacks	4,230	8,532	12,488
IVR Self Service	15,766	31,693	201,731
Total	34,795	73,125	403,053
IVR/Total	45%	43%	50%

<b>Revenue Assurance</b>	Nov-20	FY21 To Date	FY20
Referred to Collections	\$342,281.88	\$526,366.90	\$1,495,829.79
Recovered	\$63,191.33	\$153,169.41	\$804,667.00

<b>Service Orders</b>	Nov-20	FY21 To Date	FY20
Move Ins	6,165	14,513	106,868
Move Outs	6,959	14,361	106,929

<b>Bills Generated</b>	Nov-20	FY21 To Date	FY20
Paper Bills	93,886	169,235	1,301,286
eBills	19,412	35,887	237,475
Total	113,298	205,122	1,538,761
eBill/Total	17%	17%	15%

<b>Average Res Bill Amounts</b>	Nov-20	FY21 To Date	FY20
Electric (kWh)	763	813	830
Electric (\$)	\$111.90	\$118.55	\$124.21
Gas (Therms)	12	11	18
Gas (\$)	\$24.48	\$23.72	\$32.65
Water (kGals)	5	5	5
Water (\$)	\$29.77	\$29.81	\$31.49
Wastewater (kGals)	5	5	5
Wastewater(\$)	\$36.11	\$36.17	\$37.67

<b>Payment Arrangements</b>	Nov-20	FY21 To Date	FY20
Total	990	2,190	7,129

12/7/2020

<b>Customer Experience</b>	Nov-20	FY21 To Date	FY20
Overall CSAT	4.10	4.05	N/A
Number of Responses	247	574	N/A
Number of Surveys Sent	2,645	6,347	N/A
Response Rate	9%	9%	N/A

# ENERGY DELIVERY

System Consumption

System Reliability

Major Projects – Electric & Gas

## ENERGY DELIVERY - UAB REPORT - NOVEMBER 2020

### Durations Reliability Report Between 11/01/2020 and 11/30/2020

Excludes Extreme Weather and Generation/Transmission Disturbances

CUSTOMER DATA	RELIABILITY INDICES		MONTHLY AVG GOAL
Monthly Average Customers Served(C)	99,938	Average Service Availability Index (ASAI)	99.9894%
Total Hours of Customer Demand	1,199,256	System Average Interruption Duration Index (SAIDI)	4.57
Total Number of Outages	73	Customer Average Interruption Duration Index (CAIDI)	43.04
Total Number of Customers Affected (CI)	10,607	System average Interruption Frequency Index (SAIFI)	0.11
Total Customer Minutes Interrupted (CMI)	456,524		
Total Customer "Out Minutes"	10,186	Average Length of a Service Interruption (L-Bar)	139.53 Mins

Cause of Outages				
Cause	Overhead	Underground	Both	Total
0. Undetermined	4	0	0	4
1. Weather	2	0	0	2
2. Vegetation	43	1	0	44
3. Animals	3	0	2	5
4. Foreign Interference	0	0	0	0
5. Human Cause	0	2	1	3
6. Equipment Failure	7	7	1	15
7. All Remaining Outages	0	0	0	0
Total	59	10	4	73

### Durations Reliability Report Between 01/01/2020 and 11/30/2020\*

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

CUSTOMER DATA	RELIABILITY INDICES		GRU YTD GOALS
Monthly Average Customers Served(C)	98,112	Average Service Availability Index (ASAI)	99.9882%
Total Hours of Customer Demand	13,147,008	System Average Interruption Duration Index (SAIDI)	57
Total Number of Outages	709	Customer Average Interruption Duration Index (CAIDI)	56.60
Total Number of Customers Affected (CI)	98,801	System average Interruption Frequency Index (SAIFI)	1.01
Total Customer Minutes Interrupted (CMI)	5,591,965		
Total Customer "Out Minutes"	103,378	Average Length of a Service Interruption (L-Bar)	145.81 Mins

## ENERGY DELIVERY - UAB REPORT - NOVEMBER 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
39	14	5	20

<b>Cause of Outages</b>				
<b>Cause</b>	<b>Overhead</b>	<b>Underground</b>	<b>Both</b>	<b>Total</b>
0. Undetermined	55	2	5	62
1. Weather	32	0	2	35
2. Vegetation	273	5	9	287
3. Animals	35	2	4	41
4. Foreign Interference	0	0	0	0
5. Human Cause	39	17	3	61
6. Equipment Failure	80	112	27	219
7. All Remaining Outages	1	0	3	4
<b>Total</b>	<b>515</b>	<b>138</b>	<b>53</b>	<b>709</b>
<b>* REPORTED AS CALENDAR YEAR</b>				

# ENERGY DELIVERY - UAB REPORT - NOVEMBER 2020

## Durations Reliability Report Between 11/01/2020 and 11/30/2020

	2020		2019	
	CONSUMPTION	CUSTOMERS	CONSUMPTION	CUSTOMERS
Feed-In-Tarrif - Residential	58 THM	97	63 KWH	102
Feed-In-Tarrif - General Service	2,811 THM	154	2,759 KWH	157
Electric - GS - Demand - Regular	47,557,506 THM	1,144	51,139,593 KWH	1,185
Electric - General Service Demand PV	926,513 THM	20	1,112,218 KWH	20
Electric - GS - Kanapaha w Curtail Cr	1,167,600 THM	1	1,179,600 KWH	1
Electric - GS - Demand - Large Power	8,181,000 THM	6	8,365,200 KWH	6
Electric - GS - Murphree Curtail Credit	1,437,600 THM	1	1,567,200 KWH	1
Electric - GS Large Demand PV	1,104,000 THM	1	4,540,800 KWH	2
Electric - GS - Non Demand	14,168,389 THM	9,811	15,466,781 KWH	9,843
Electric - General Service PV	146,834 THM	73	147,348 KWH	65
Electric - Lighting - Rental	974,732 THM	3,955 <i>n</i>	961,824 KWH	4,083 <i>n</i>
Electric - Lighting - Street - City	543,476 THM	12 <i>n</i>	696,013 KWH	12 <i>n</i>
Electric - Lighting - Street - County	132,075 THM	2 <i>n</i>	131,002 KWH	2 <i>n</i>
Electric - Lighting - Traffic	4,542 THM	2	4,542 KWH	2 <i>n</i>
Electric - Residential - Non TOU	64,339,635 THM	87,792	62,923,919 KWH	85,839
Electric - Residential PV	307,260 THM	510	263,628 KWH	403
<b>Total Retail Electric</b>	<b>140,994,031</b>	<b>99,612</b>	<b>148,502,490</b>	<b>97,624</b>
<small>(n =not included in total customer count)</small>				
City of Alachua	9,664,293 KWH KWH	20,658 KW	8,946,000 KWH	19,587 KW
<b>Total (Native) Electric</b>	150,658,324 KWH		157,448,490 KWH	

### Gas System Consumption

	2020		2019	
	CONSUMPTION	CUSTOMERS	CONSUMPTION	CUSTOMERS
Gas - GS - Regular Service (Firm)	740,813 THM	1,337	741,104 THM	1,364
Gas - GS - Regular Service (Small)	6,804 THM	323	8,832 THM	310
Gas - GS - Interrruptible - Regular Serv	33,981 THM	1	36,055 THM	1
Gas - GS - Interrruptible - Large Volume	389,141 THM	7	413,082 THM	7
Gas - Residential - Regular Service	386,409 THM	34,289	413,849 THM	33,966
<b>Total Retail Gas</b>	<b>1,557,148</b>	<b>THM 35,957</b>	<b>1,612,922</b>	<b>THM 35,648</b>
Gas - GS - UF Cogeneration Plant	1,344,347 THM	1	3,017,595 THM	1
Gas - Residential - LP - Basic Rate	2,793 GAL	202	3,084 GAL	200

\*Obtained from Monthly Billing Summary prepared by Jeff Johnson

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

## **Durations Reliability Report Between 11/01/2020 and 11/30/2020**

### **Major Electric Design Projects**

- > 8th Ave OH to UG Conversion (Ph. 3) / SW 20th Ave OH to UG conversion, 2 different projects in area
- > Farnsworth Transmission Line Improvements
- > Kenwood Subdivision Underground Facility Improvements
- > Harper's Pointe Apartment Complex
- > UF Data Center – 6.5 MW Total Load

### **Major Gas Design Projects:**

- > Main Installation – Main Installation - Parker Rd. - 8000' 8" PE
- > Main Installation – Oakmont Subdivision Phase 4 - 10600'
- > Main Installation – NW 12th St. – Bare steel - 1960'
- > Main Installation – Laureate Village – SW 143rd St. – 5900'
- > Main Installation - Oakmont Elementary School - 1950'

# ENERGY SUPPLY

SYSTEM STATISTICS

ENERGY DISTRIBUTION

FUEL

**November 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
	51,663	100,719	56,185	44,534
	15,128	40,018	18,107	21,911
	40,064	115,887	81,696	34,191
	(244)	(511)	102	(613)
				-
	19,787	19,412	98,156	(78,744)

**Fuels Consumed**

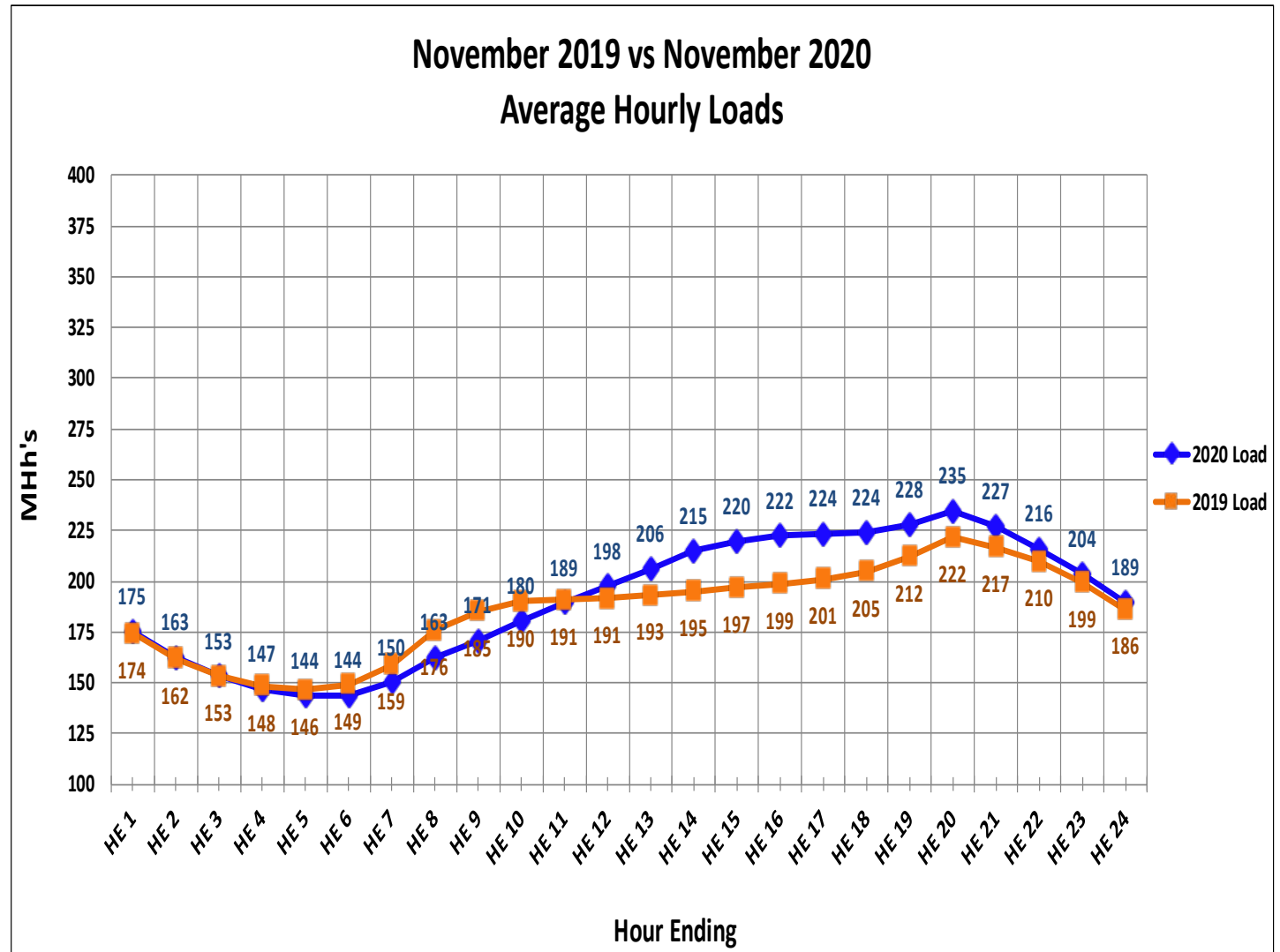
	Month	FYTD	Budget YTD	Delta Budget
Coal - Tons	14,797	28,779	23,065	5,714
Gas - MCF	895,017	2,172,412	1,618,613	553,799
Fuel oil - Gals	-	1,222	-	1,222
Biomass - Tons	22,972	22,972	69,001	(46,029)

**Availability/Capacity**

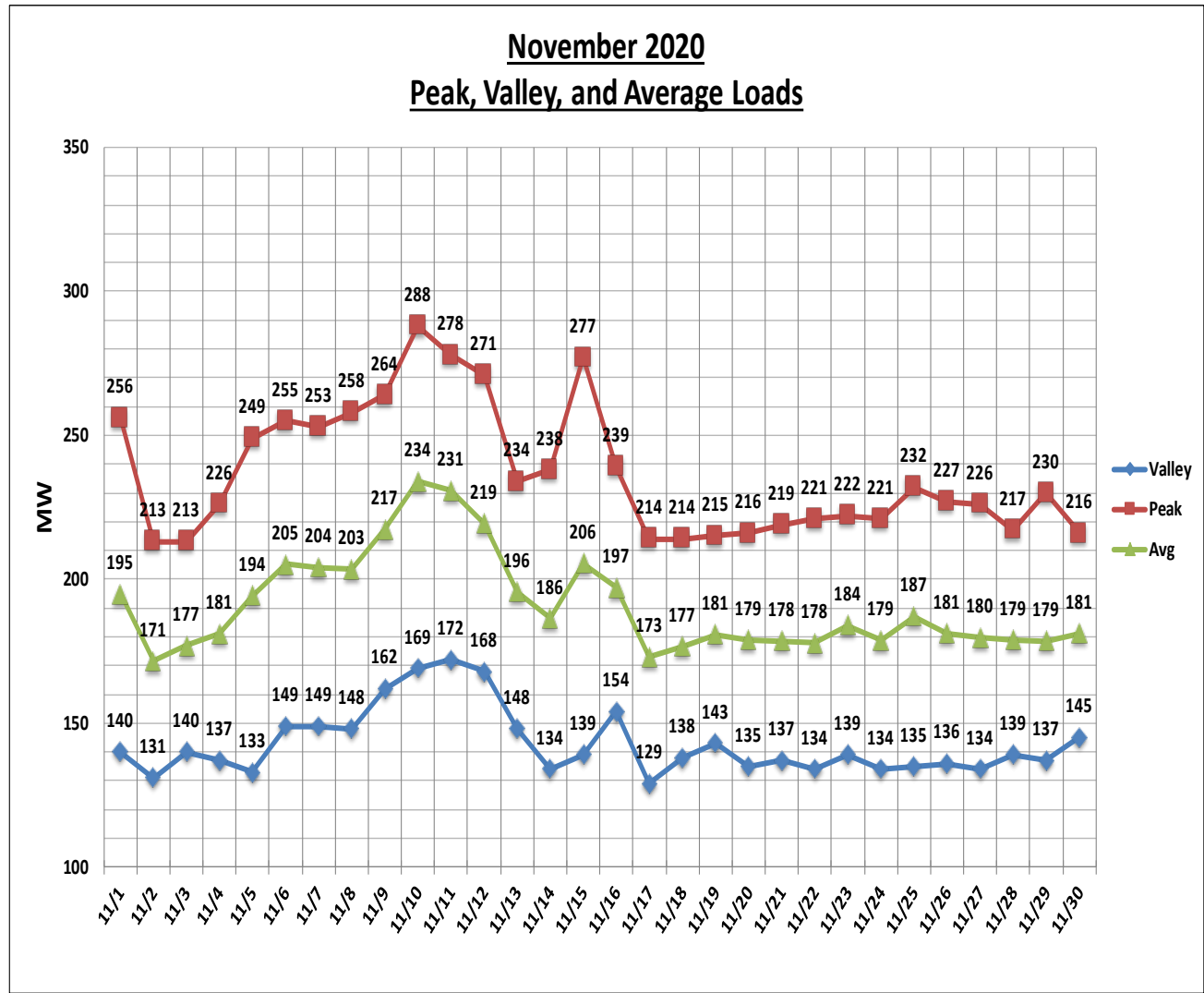
	Availability			Capacity		
	Month	FY 2021 YTD	FY 2020 YTD	Month	FY 2021 YTD	FY 2020 YTD
DH-2	100.00%	100.00%	79.84%	33.86%	32.73%	13.44%
DH-1	94.31%	97.16%	91.96%	28.83%	39.98%	33.48%
Kelly CC	100.00%	100.00%	94.14%	54.41%	73.83%	85.89%
DH CT-1	100.00%	100.00%	97.40%	0.00%	0.00%	0.24%
DH CT-2	100.00%	100.00%	96.83%	0.02%	0.01%	0.23%
DH CT-3	100.00%	100.00%	99.59%	0.00%	0.00%	1.82%
DHR	33.98%	16.99%	89.14%	28.07%	14.04%	51.77%



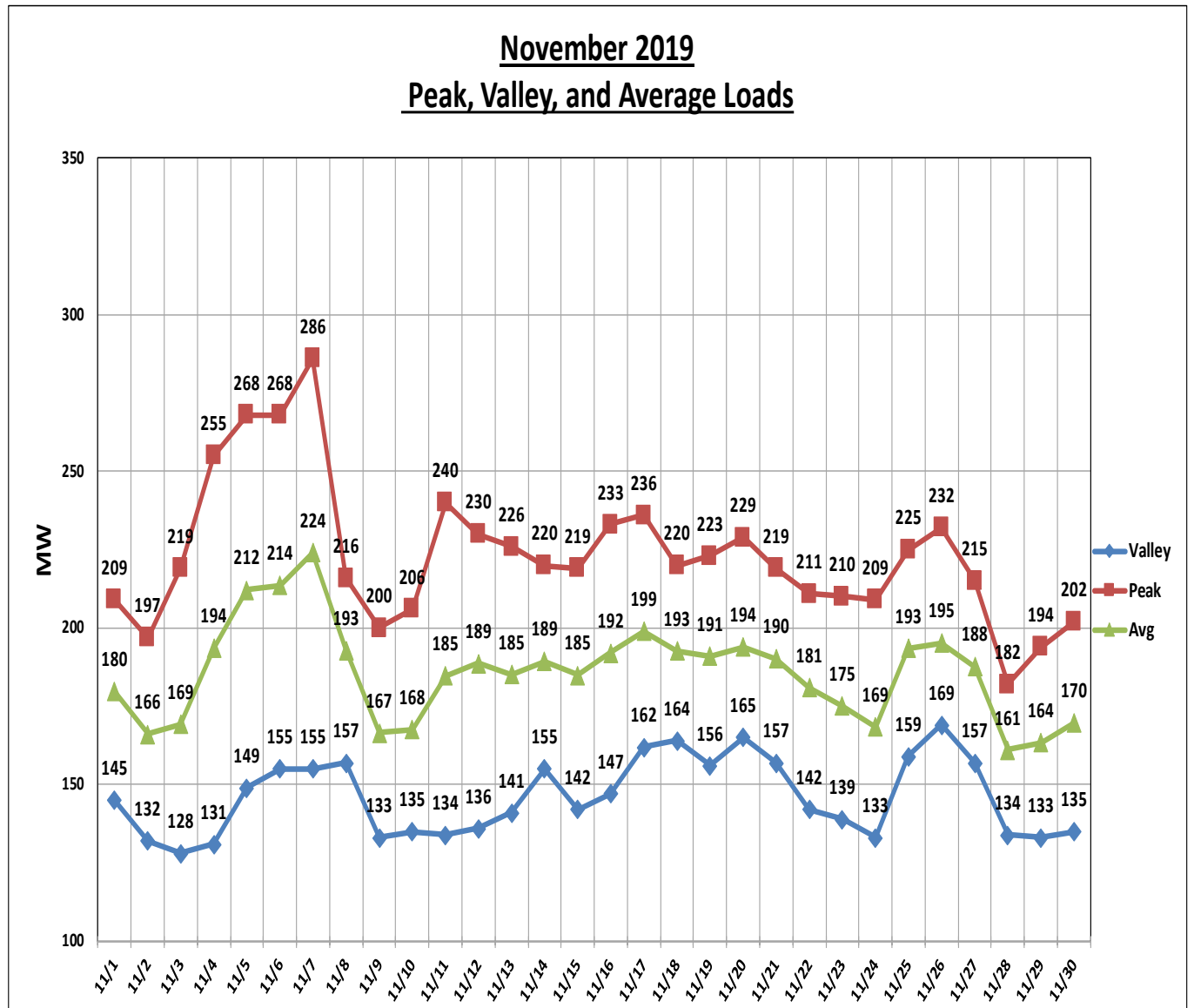
November Average Hourly Loads		
Hour Ending	2019 Load	2020 Load
HE 1	174	175
HE 2	162	163
HE 3	153	153
HE 4	148	147
HE 5	146	144
HE 6	149	144
HE 7	159	150
HE 8	176	163
HE 9	185	171
HE 10	190	180
HE 11	191	189
HE 12	191	198
HE 13	193	206
HE 14	195	215
HE 15	197	220
HE 16	199	222
HE 17	201	224
HE 18	205	224
HE 19	212	228
HE 20	222	235
HE 21	217	227
HE 22	210	216
HE 23	199	204
HE 24	186	189



Date	Valley	Peak	Avg
11/1/2020	140	256	195
11/2/2020	131	213	171
11/3/2020	140	213	177
11/4/2020	137	226	181
11/5/2020	133	249	194
11/6/2020	149	255	205
11/7/2020	149	253	204
11/8/2020	148	258	203
11/9/2020	162	264	217
11/10/2020	169	288	234
11/11/2020	172	278	231
11/12/2020	168	271	219
11/13/2020	148	234	196
11/14/2020	134	238	186
11/15/2020	139	239	197
11/16/2020	154	214	173
11/17/2020	129	214	177
11/18/2020	138	214	181
11/19/2020	143	215	179
11/20/2020	135	216	178
11/21/2020	137	219	178
11/22/2020	134	221	184
11/23/2020	139	222	179
11/24/2020	134	221	187
11/25/2020	135	232	181
11/26/2020	136	227	180
11/27/2020	134	226	179
11/28/2020	139	217	179
11/29/2020	137	230	181
11/30/2020	145	216	181



Date	Valley	Peak	Avg
11/1/2019	145	209	180
11/2/2019	132	197	166
11/3/2019	128	219	169
11/4/2019	131	255	194
11/5/2019	149	268	212
11/6/2019	155	268	214
11/7/2019	155	286	224
11/8/2019	157	216	193
11/9/2019	133	200	167
11/10/2019	135	206	168
11/11/2019	134	240	185
11/12/2019	136	230	189
11/13/2019	141	226	185
11/14/2019	155	220	189
11/15/2019	142	219	185
11/16/2019	147	233	192
11/17/2019	162	236	199
11/18/2019	164	220	193
11/19/2019	156	223	191
11/20/2019	165	229	194
11/21/2019	157	219	190
11/22/2019	142	211	181
11/23/2019	139	210	175
11/24/2019	133	209	169
11/25/2019	159	225	193
11/26/2019	169	232	195
11/27/2019	157	215	188
11/28/2019	134	182	161
11/29/2019	133	194	164
11/30/2019	135	202	170



Date: As of December 4, 2020: Major Energy Supply Projects/Milestones Updates:

1. Deerhaven Renewable (DHR):
  - a. DHR was experiencing rising temperature on the Generator inboard bearing since coming out of outage in early November. There were no abnormal vibrations and temperatures were not above limits, but continued to trend upward. Unit was brought of line into forced outage after peak on 11/20/2020. After bearing inspection by OEM (BRUSH) on 11/25/2020 this bearing was found to be wiped. This inspection also showed that the jacking oil hoses for that bearing had 2 holes in them, and was likely cause/contributor to the bearing failure. After deciding to also inspect the 2<sup>nd</sup> generator bearing minor damage was also noted. Both bearing were sent to shop to be repaired and new oil (2000 gallons) is on order. Timeline for repairs and unit restoration is in progress with best estimate of restoration today of 12/16/2020.
2. Deerhaven Generating Station (DH):
  - a. Deerhaven Unit #1:
    - i. Deerhaven Unit #1 (DH1) we are currently still working with OEM (Siemens) on a reduced scope for Turbine and Generator life time assessment. Both this scope of work and DH1 Major Outage would not occur until January 2022 based on other unit planned outages.
  - b. Deerhaven Unit #2:
    - i. The Deerhaven Unit #2 first outage (Phase 1 of 2) for Retrofit to 100% natural gas has been rescheduled to begin after peak on 1/1/2021 and will run through 1/16/2021. This first phase is to install the new burners in the feed to boiler. The Factory Acceptance Test for the new burner was conducted on 11/5/2020 and Chuck Heidt (Project Manager) witnessed this testing. This Phase 1 of the outage had to be rescheduled to January due the DHR being in forced outage.
    - ii. Deerhaven Unit #2 (DH2) # 1 High Pressure Feedwater Heater is still out of service due to external leak. The external leak was verified to be due to internal tube leak and due to inability to fully isolate the heater we are deferring a heater borescope to determine extent of repairs required until planed outage in December of 2020. With heater is currently bypassed with no restrictions on the plant load, but this does have minor impact on efficiency.
    - iii. DH2 has an EHC (oil) fluid leak on the governor valve cylinder. The plant personnel and MMG were able to reduce leakage by reducing return pressure. We have a replacement cylinder ready to go but work will be deferred to next planned outage in December of 2020.
3. Kelly Generating Station (JRK):
  - a. Unit #8 New Steam Turbine, Generator, and other auxiliary equipment have arrived in Gainesville the week of 11/30/2020. The new turbine and generator are stored in the JRK laydown area.
4. South Energy Center (SEC):
  - a. The Wartsila RICE Engine 28000 hour planned outage is scheduled from 12/4 through 12/10/2020.

**Gainesville Regional Utilities  
Solar PPA Quarterly Status Report  
Report Period: November 2020**

**GRU Scope:**

<b>Milestone</b>	<b>Expected Completion Date</b>	<b>Status</b>	<b>Notes</b>
Grid Interconnection Studies	2/2021	Pending	Studies approaching completion
Grid Interconnection Agreement	3/2021	Pending	
Easement for Seller Interconnection Facilities at Parker Rd Substation	9/2021	Pending	
GRU Interconnection Facilities Planning and Construction	10/2021	Pending	Commenced project planning
GRU Interconnection Facilities Completion	10/2021	Pending	
Operating Procedures	11/2021	Pending	
Scheduled Commercial Operation	12/31/2021	Pending	

COVID-19 Pandemic Impact – While there remains a potential for impacts that may adversely affect GRU’s ability to fulfil its obligations under this agreement, none have occurred to-date. GRU will continue to monitor the situation and use commercially reasonable efforts to meet it’s contractual obligations.

**Origis Energy Scope:**

See next page.



## PROGRESS REPORT

**Project:** FL Solar 6, LLC “Seller”

**Recipient:** Gainesville Regional Utilities (GRU) “Buyer”

**Report Period:** November 2020

Pursuant to Section 5.3 (a) Renewable Energy Power Purchase Agreement (Agreement), Seller will prepare and submit to Buyer a monthly status report. Terms below have the same meaning as in the Agreement.

### I. Overview

Milestone <sup>1</sup>	Expected / Completion Date <sup>2,3</sup>	Status	Notes
Site Control	12/9/19*	Complete	
Interconnection Application	5/5/20	Complete	
Completion of Site Studies	<b>11/23/20</b>	<b>Complete</b>	
Permitting Application	<b>11/30/20</b>	<b>Complete</b>	
Interconnection Agreement (IA) Execution	3/5/21*	Pending	
Easement for Seller Interconnection Facilities at Parker Road Substation	9/7/21*	Pending	
Buyer Interconnection Facilities Commencement Date	3/31/22	Pending	
Permitting Complete	4/14/22	Pending	
Seller NTP	5/2/22*	Pending	
Transformer Delivery	8/31/22	Pending	
Start of Major Equipment Delivery to Site	TBD	Pending	
Operating Procedures	11/1/22	Pending	
Synchronization	12/1/22*	Pending	
Target COD	TBD	Pending	
Scheduled Commercial Operation (SCOD)	12/31/22*	Pending	

Notes: 1. Milestones are sorted in date order. 2. Required Milestone Deadlines are indicated by an asterisk. 3. Changes from previous reporting period are indicated by bold text.

### II. Status Updates

Pursuant to the Agreement, this section includes (i) a detailed description of the progress of the Facility design and construction, (ii) a statement of any significant issues which remain unresolved and Seller's

recommendations for resolving the same, (iii) a summary of any significant events which are scheduled or expected to occur during the following thirty (30) days, and (iv) all additional information reasonably requested by Buyer.

*Please note that this progress report has been prepared without knowing the full impact of COVID-19, as further described in Section III below. FL Solar 6 will continue to monitor these events.*

#### **A. Description of the progress of the Facility design and construction**

##### **• Status update**

- Jul 2020: Seller performed initial studies of the site to support permitting applications and permit engineering.
- Aug 2020: Initial site studies are ongoing, including environmental, geotechnical, cadastral and topographic surveys. Some slight weather delays were experienced, but these will not affect the overall schedule.
- Sep 2020: Field studies are ongoing. Geotechnical, cadastral and topographic surveys of the solar site are complete. Additional weather delays were experienced, but these will not affect the overall schedule.
- Oct 2020: Field studies to support solar site design are complete. Additional weather delays were experienced, but these did not affect the overall schedule.
- Nov 2020: Seller completed the site studies, prepared a preliminary draft layout of the solar facility, and updated the draft general arrangement depicting generator interconnection equipment within the Parker substation.

##### **• Discussion of any unresolved issues, foreseeable disruptions or delays**

- Jul 2020: None.
- Aug 2020: None.
- Sep 2020: None.
- Oct 2020: None.
- Nov 2020: None.

#### **B. Interconnection Agreement**

##### **• Status update**

- Jul 2020: Seller submitted the Interconnection Application on May 5, 2020; Seller's interconnection team coordinated with Buyer's technical team on interconnection studies.
- Aug 2020: Seller posted the Development Period Security.
- Sep 2020: Seller's interconnection team coordinated with and provided information to Buyer's technical team to support the ongoing interconnection studies.
- Oct 2020: Seller's interconnection team coordinated with and provided information to Buyer's technical team to support the ongoing interconnection studies. Seller anticipates providing a preliminary draft of the interconnection agreement for Buyer review in November.
- Nov 2020: Interconnection teams continued coordination and information exchange necessary to support interconnection studies. Seller anticipates providing a preliminary draft interconnection agreement for Buyer review in December.

##### **• Discussion of any unresolved issues, foreseeable disruptions or delays**

- Jul 2020: None.



- Aug 2020: None.
- Sep 2020: None.
- Oct 2020: None.
- Nov 2020: None.

**C. Permits, Licenses, Easements and Approvals to Construct**

**• Status update**

- Jul 2020: Pending.
- Aug 2020: Pending.
- Sep 2020: Seller is preparing materials for, and anticipates beginning the process of, Alachua County Development Review through a pre-application conference in October.
- Oct 2020: Seller held a pre-application conference with Alachua County. Notices and advertisements were released October 29, 2020 for a Neighborhood Workshop to be held on November 17, 2020. Following the workshop, Seller will prepare and submit the application for Special Exception by late November.
- Nov 2020: Seller held a Neighborhood Workshop on November 17, 2020. Seller prepared and submitted the application for Special Exception (SE) on November 30, 2020. Alachua County assigned the SE application ZX-01-21.

**• Discussion of any unresolved issues, foreseeable disruptions or delays**

- Jul 2020: None.
- Aug 2020: None.
- Sep 2020: None.
- Oct 2020: None.
- Nov 2020: None.

**D. Seller Notice To Proceed**

**• Status update**

- Jul 2020: Estimated May 2, 2022.
- Aug 2020: No change.
- Sep 2020: No change.
- Oct 2020: No change.
- Nov 2020: No change.

**• Discussion of any unresolved issues, foreseeable disruptions or delays**

- Jul 2020: None.
- Aug 2020: None.
- Sep 2020: None.
- Oct 2020: None.
- Nov 2020: None.

**E. Major Equipment Delivered to Site**

**• Status update**

- Jul 2020: To be determined.
- Aug 2020: No change.



- Sep 2020: No change.
- Oct 2020: No change.
- Nov 2020: No change.
- **Discussion of any unresolved issues, foreseeable disruptions or delays**
  - Aug 2020: None.
  - Aug 2020: None.
  - Sep 2020: None.
  - Oct 2020: None.
  - Nov 2020: None.

**F. Summary of significant events expected to occur in the next 30 days**

- **Status update**
  - Jul 2020: None.
  - Aug 2020: None.
  - Sep 2020: None.
  - Oct 2020: A Neighborhood Workshop is scheduled for November 17, 2020. The application to Alachua County for Special Exception is anticipated in late November.
  - Nov 2020: None.
- **Discussion of any unresolved issues, foreseeable disruptions or delays**
  - Jul 2020: None.
  - Aug 2020: None.
  - Sep 2020: None.
  - Oct 2020: None.
  - Nov 2020: None.

**G. Scheduled Commercial Operation Date**

- **Status update**
  - Jul 2020: Seller anticipates SCOD to be reached on or before December 31, 2022.
  - Sep 2020: No change.
  - Sep 2020: No change.
  - Oct 2020: No change.
  - Nov 2020: No change.
- **Discussion of any unresolved issues, foreseeable disruptions or delays**
  - Jul 2020: None.
  - Aug 2020: None.
  - Sep 2020: None.
  - Oct 2020: None.
  - Nov 2020: None.



### **III. COVID-19 Pandemic Impact**

The COVID-19 pandemic is disrupting the solar industry. There is potential that the pandemic might directly affect the development and construction of the solar project. We are closely monitoring the situation as it evolves, however it is impossible to predict the impact the pandemic will ultimately have on the project, if any, at this stage.

The Agreement provides various reasons for a failure to perform due to a Force Majeure event. To date, Origis Energy has not been prevented from performing an obligation under the Agreement and therefore a Force Majeure event has not (yet) occurred. The COVID-19 pandemic may, however, delay or prevent performance. Therefore, Origis Energy at this stage reserves all rights and remedies it has under the PPA.

We want to assure you that Origis Energy & FL Solar 6 are diligently assessing and implementing measures to mitigate the impact on the project and will continue to use commercially reasonable efforts to complete the project on schedule. We will keep you informed of any material developments as they arise and are available to discuss the impact on the project in the intermediate.

*Report Completed: 3-Dec-20, JT*

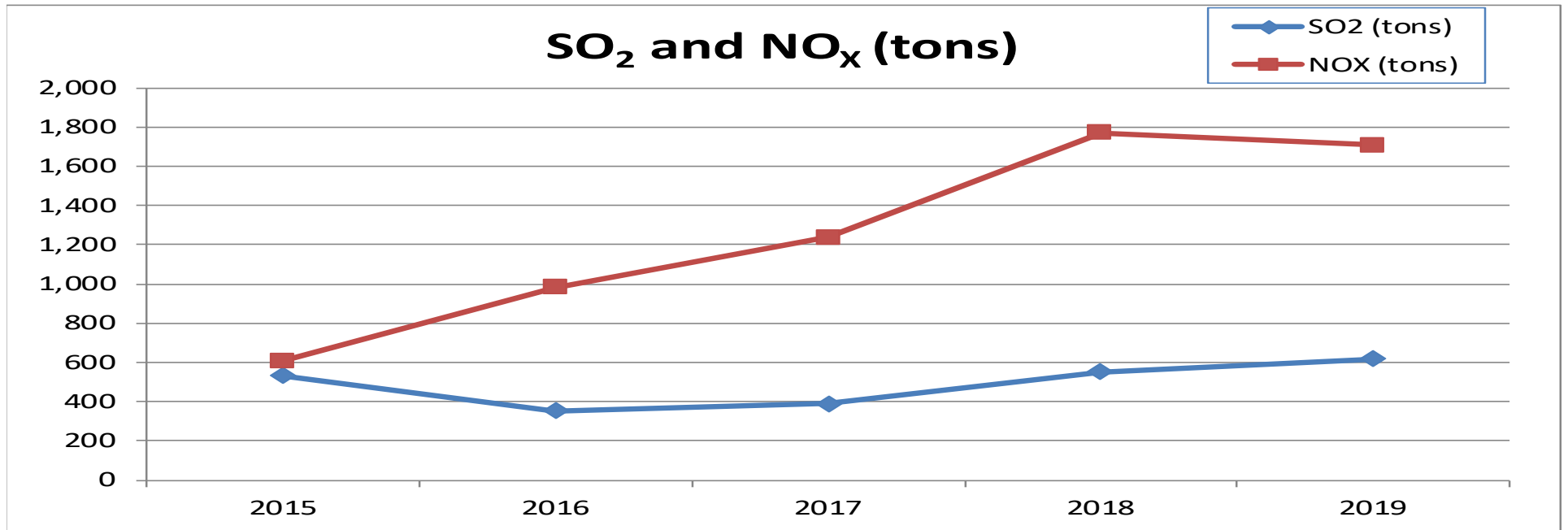
# ENVIRONMENTAL PERMITTING

## 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 (Nov.)	342	1,096	2.91	43	1,578,338

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



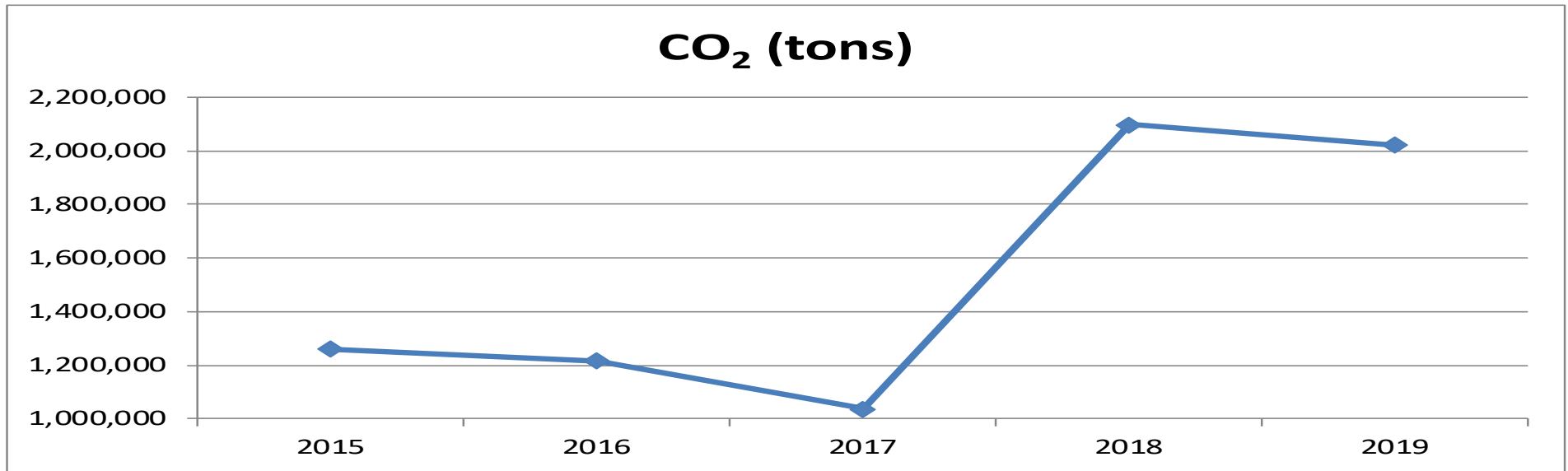
**SO<sub>2</sub> was lower in 2015, 2016, and 2017 due to higher removal rate settings to assure compliance with the MATS Rule.**

**NO<sub>x</sub> was higher in 2016 since it was more cost effective to use allowances than increase SCR removal rate. NO<sub>x</sub> 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.**

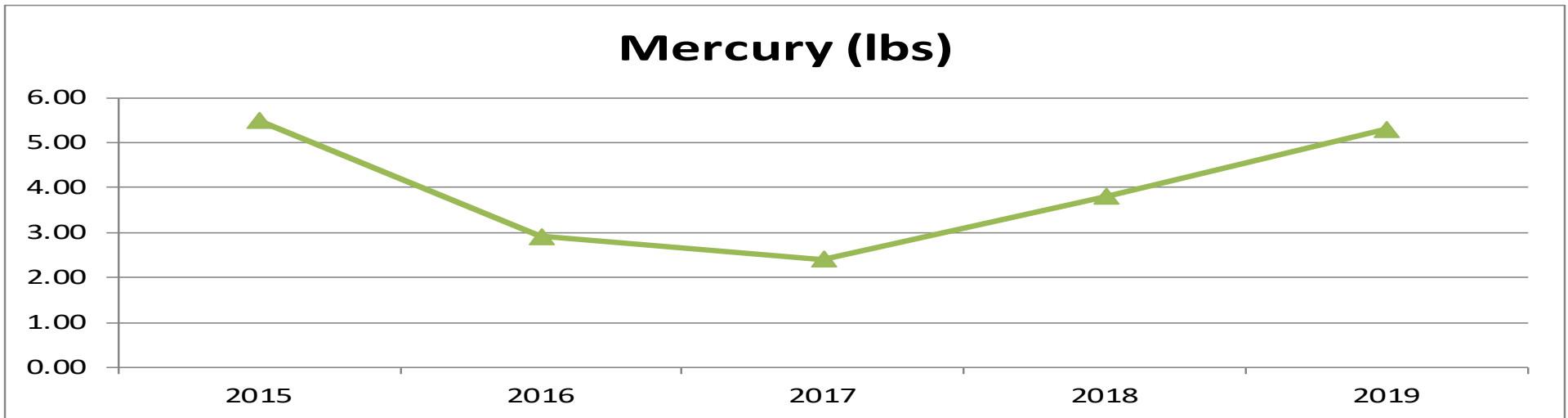
## Yearly Emissions

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



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

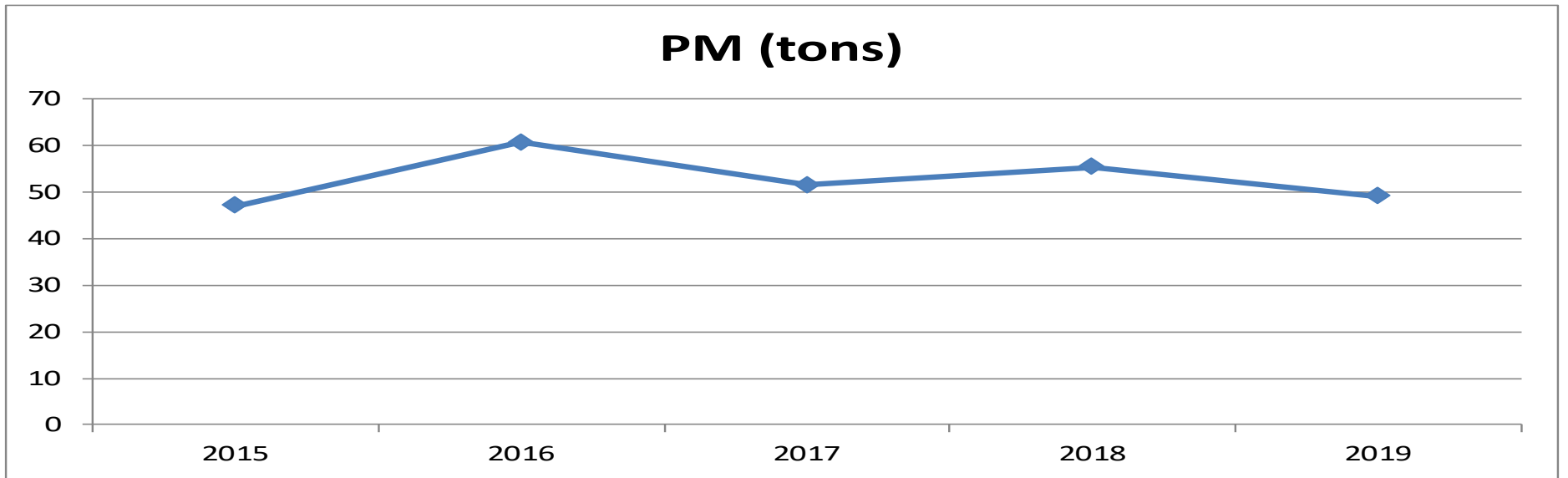
### Mercury (lbs)



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

## Yearly Emissions

### PM (tons)



YTD - 2020 November

	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	5.8	227.8			183,321.3			3,083,770.0	266,728.0
DH2	323.3	598.7	2.91	43.4	383,245.0			4,458,205.0	414,376.0
DHCT3	0.0	0.5			1,951.2			32,833.0	2,330.0
JRKCC1	1.9	78.2			380,570.5			6,404,176.9	761,852.0
DHR	11.2	190.3			629,250.4			6,032,000.0	422,451.8
<b>TOTAL</b>	<b>342.2</b>	<b>1,095.5</b>	<b>2.914</b>	<b>43.4</b>	<b>1,578,338.4</b>			<b>20,010,984.9</b>	<b>1,867,737.8</b>

2020 - November

	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	16.5			12,295.6			206,903.0	16,946.0
DH2	45.6	82.3	0.31	6.3	54,648.6			639,969.0	60,826.0
DHCT3	0.0	0.0			16.0			270.0	14.0
JRKCC1	0.1	5.7			24,923.4			419,391.5	40,742.0
DHR	0.0	8.2			32,728.4			313,663.4	23,098.0
<b>TOTAL</b>	<b>45.8</b>	<b>112.7</b>	<b>0.3</b>	<b>6.3</b>	<b>124,612.0</b>			<b>1,580,196.9</b>	<b>141,626.0</b>

# WATER/WASTEWATER

PRODUCTION

MAINTENANCE



# Water/Wastewater Nov 2020 Dashboard

Production						
Murphree Water Treatment Plant						
		Nov 20	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	21.3	22.7	30	76%	█
	Peak Daily Flow	22.8	25.6	54	47%	█
Main Street Water Reclamation Facility						
		Nov 20	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	5.48	5.79	7.5	77%	█
Kanapaha Water Reclamation Facility						
		Nov 20	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	11.5	11.8	14.9	79%	█
Water Reclamation Facilities (Combined)						
		Nov 20	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	17.0	17.6	22.4	79%	█
Maintenance						
Wastewater Collections						
		Nov 2020 (Miles)	FYTD	Monthly Goal (miles)		
	Miles of gravity mains cleaned	12.54	17.78	5.0		
	Miles of gravity mains TV inspected	10.43	14.49	5.0		
Water Distribution						
		Nov 2020	FYTD	Monthly Goal		
	Number of Water Services Replaced	84	143	75		
SSO Monthly Summary						
		Nov 2020	YTD	GOAL (annual)		
	Sanitary Sewer Overflows	1	2	<22		

## Major Projects and Other Updates

**MWTP Electric System Upgrade** - Working through some flooring issues in HSP room - meeting with vendor to resolve.

**MWTP HSP 3 Pump Removal** -removed HSP no 3 on 11/11, waiting for report from tear down on work needed.

**MSWRF Progressive Design Build** - Held meeting to discuss Condition Field Assessment Plan Review. Jacobs will begin inspecting facilities soon.

**KWRF Solids Handling Drainage Improvement** - Work in progress to improve drainage at digester/sludge unloading area.

**KWRF Aeration Basin Work** - Aeration Basin Drained, Aerator blade removed for repair.

**Duck Pond Water Main Rehabilitation** - Water analysis underway, meter connections being done by GRU, contractor forming and pouring sidewalk.

**Eastside Force Main** -GRU work in progress on NE 39th Ave connection - pressure testing, 1300ft last pull of 16-inch force main by contractor. Contractor starting work on 8-inch force main to Taccahale connection.