

# STATE OF THE UTILITY

December 2021

Item #200714

# OPERATIONS SUMMARY

CORPORATE SAFETY

ENVIRONMENTAL

REGULATORY

PERSONNEL

December 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	2	1
GRUCom	0	0	0
<b>Totals</b>		2	

Employees

	Year to Date		
	First Aid	Recordable	DART
	0	0	0
	0	0	0
	0	0	0
	0	3	2
	0	0	0
		3	

	Current Month		
	Miles Driven*	Recordable	Preventable
Administration	7,219	0	0
W/WW Systems	61,391	0	0
Energy Supply	0	0	0
Energy Delivery - Electric/Gas	108,291	0	0
GRUCom	6,960	0	0
<b>Totals</b>	183,861	0	0

Vehicles

	Year to Date		
	Miles Driven*	Recordable	Preventable
	10,622	0	0
	99,613	1	1
	0	0	0
	170,878	1	1
	11,383	0	0
	292,496	2	2

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

Mileage YTD Through November, 2020

**Environmental**

		Current Month
Notices of Violation		0
Emissions		
DH1, DH2, DHCT3, JRKCC1		
	CO <sub>2</sub> (tons)	93,952
	NO <sub>x</sub> (tons)	98
	SO <sub>2</sub> (tons)	39
DH Unit 2 (only)		
	PM <sub>FILT</sub> (tons)	6
	Hg (lbs)	0.20
DHR		
	CO <sub>2</sub> (tons)	32,148
	NO <sub>x</sub> (tons)	9
	SO <sub>2</sub> (tons)	1

Calendar Year to Date

0
1,043,040
1,003
370
57
3.14
419,582
87
2

**Regulatory**

NERC	
Notice of Violations	0
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 (November)
Administration	16.00	14.00	2.00	3.00
Chief Operating Officer	20.00	18.00	2.00	2.00
Customer Support Services	118.25	105.25	13.00	11.00
Energy Delivery	264.00	251.00	13.00	14.00
Energy Supply	183.00	161.00	22.00	20.00
Energy Supply - District Energy	11.00	11.00	0.00	0.00
Finance	42.00	30.75	11.25	11.25
GRUCom	38.00	29.00	9.00	9.00
Information Technology	71.00	65.00	6.00	5.00
Water Wastewater	169.00	158.00	11.00	11.00
<b>Grand Total</b>	<b>932.25</b>	<b>843.00</b>	<b>89.25</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

- 12/24/2020 – Employee was removing the insulation off an underground cable when his knife slipped and he cut the pad of his right thumb.
- 12/26/2020 – While removing a wire from under a downed tree, the employee felt a pull in his lower back. It got progressively worse, requiring medical treatment and restricted duty. (DART)

### 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

- 11/25/2020 – After backing into a right of way and stopping, employee went to leave and turned sharp right and the passenger side of his vehicle came into contact with a partial hidden stump causing damage to passenger side of truck. (P)

### DECEMBER

- None reported

### 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 December 2020

<b>Active Accounts</b>	Dec-20	YTD Gain/Loss	FY20
<i>Residential Contract Accounts</i>			
Total	45,434	(48,431)	93,865
Electric	0	(86,731)	86,731
Gas	64,182	29,977	34,205
Water	93,942	29,713	64,229
Wastewater	86,828	26,794	60,034
Telecomm	59,962	59,875	87

<b>Active Accounts</b>	Dec-20	YTD Gain/Loss	FY20
<i>Nonresidential Contract Accounts</i>			
Total	107	(13,513)	13,620
Electric	0	(11,032)	11,032
Gas	5,895	4,229	1,666
Water	13,204	7,293	5,911
Wastewater	11,025	6,353	4,672
Telecomm	4,663	4,260	403

<b>New Installations</b>	Dec-20	FY21 To Date	FY20
Electric	222	477	2430
Gas	31	323	558
Water	57	137	744
Wastewater	59	132	667
Telecomm	0	0	131

<b>Residential Disconnects</b>	Dec-20	FY21 To Date	FY20
Volume	19	4,459	7,791
Average Balance	\$380.00	\$250.04	\$175.34

<b>Call Center Volume</b>	Dec-20	FY21 To Date	FY20
Residential ASA	0:23:17	0:17:43	0:03:41
Business ASA	0:03:30	0:03:13	0:02:27
CSR Calls	20,912	53,812	188,834
CSR Callbacks	5,629	14,161	12,488
IVR Self Service	20,552	52,245	201,731
Total	47,093	120,218	403,053
IVR/Total	44%	43%	50%

<b>Revenue Assurance</b>	Dec-20	FY21 To Date	FY20
Referred to Collections	\$260,968.50	\$787,335.40	\$1,495,829.79
Recovered	\$85,537.69	\$238,707.10	\$804,667.00

<b>Service Orders</b>	Dec-20	FY21 To Date	FY20
Move Ins	7,594	22,107	106,868
Move Outs	7,455	21,816	106,929

<b>Bills Generated</b>	Dec-20	FY21 To Date	FY20
Paper Bills	105,129	274,364	1,301,286
eBills	20,575	56,462	237,475
Total	125,704	330,826	1,538,761
eBill/Total	16%	17%	15%

<b>Average Res Bill Amounts</b>	Dec-20	FY21 To Date	FY20
Electric (kWh)	687	771	830
Electric (\$)	\$102.12	\$113.07	\$124.21
Gas (Therms)	27	16	18
Gas (\$)	\$41.27	\$29.57	\$32.65
Water (kGals)	5	5	5
Water (\$)	\$29.81	\$29.81	\$31.49
Wastewater (kGals)	5	5	5
Wastewater(\$)	\$36.18	\$36.17	\$37.67

<b>Payment Arrangements</b>	Dec-20	FY21 To Date	FY20
Total	1,187	3,377	7,129

<b>Customer Experience</b>	Dec-20	FY21 To Date	FY20
Overall CSAT	3.90	4.00	N/A
Number of Responses	329	903	N/A
Number of Surveys Sent	3,602	9,949	N/A
Response Rate	9%	9%	N/A

1/6/2021

# ENERGY DELIVERY

System Consumption

System Reliability

Major Projects – Electric & Gas

## ENERGY DELIVERY - UAB REPORT - NOVEMBER 2020

### Durations Reliability Report Between 12/01/2020 and 12/31/2020

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)	99.9919%
Total Hours of Customer Demand	1,239,231	System Average Interruption Duration Index (SAIDI)	3.63
Total Number of Outages	60	Customer Average Interruption Duration Index (CAIDI)	35.18
Total Number of Customers Affected (CI)	10,309	System average Interruption Frequency Index (SAIFI)	0.10
Total Customer Minutes Interrupted (CMI)	362,709		
Total Customer "Out Minutes"	9,349	Average Length of a Service Interruption (L-Bar)	155.82 Mins

Cause of Outages				
Cause	Overhead	Underground	Both	Total
0. Undetermined	6	0	0	6
1. Weather	0	0	0	0
2. Vegetation	18	1	3	22
3. Animals	7	0	0	7
4. Foreign Interference	0	0	0	0
5. Human Cause	3	2	1	6
6. Equipment Failure	5	12	2	19
7. All Remaining Outages	0	0	0	0
Total	39	15	6	60

### Durations Reliability Report Between 01/01/2020 and 12/31/2020\*

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

CUSTOMER DATA	RELIABILITY INDICES		GRU YTD GOALS
Monthly Average Customers Served(C)	98,112	Average Service Availability Index (ASAI)	99.9885%
Total Hours of Customer Demand	14,363,597	System Average Interruption Duration Index (SAIDI)	60.69
Total Number of Outages	769	Customer Average Interruption Duration Index (CAIDI)	54.57
Total Number of Customers Affected (CI)	109,110	System average Interruption Frequency Index (SAIFI)	1.11
Total Customer Minutes Interrupted (CMI)	5,954,674		
Total Customer "Out Minutes"	112,727	Average Length of a Service Interruption (L-Bar)	146.59 Mins

## ENERGY DELIVERY - UAB REPORT - NOVEMBER 2020

	GRU	GRU	EIA - All	EIA - Public	FMPA
	CY 2021 Goal	CY 2020 Actual	CY 2019	CY 2019	CY 2019
<b>SAIDI</b>	55 Mins	60.69	144.16	62.31	74.51
<b>CAIDI</b>	60 Mins	54.57	83.35	65.09	60.89
<b>SAIFI</b>	1.0 or less	1.11	1.66	0.98	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	60	2	5	67
1. Weather	32	0	2	34
2. Vegetation	290	6	13	309
3. Animals	42	2	4	48
4. Foreign Interference	0	0	0	0
5. Human Cause	42	19	4	65
6. Equipment Failure	85	124	29	238
7. All Remaining Outages	1	0	3	4
<b>Total</b>	<b>552</b>	<b>153</b>	<b>60</b>	<b>765</b>
<b>* REPORTED AS CALENDAR YEAR</b>				

# ENERGY DELIVERY - UAB REPORT - NOVEMBER 2020

## Durations Reliability Report Between 12/01/2020 and 12/31/2020

	2020		2019	
	CONSUMPTION	CUSTOMERS	CONSUMPTION	CUSTOMERS
Feed-In-Tarrif - Residential	60 THM	103	58 KWH	102
Feed-In-Tarrif - General Service	2,493 THM	160	2,327 KWH	155
Electric - GS - Demand - Regular	43,417,693 THM	1,162	42,531,303 KWH	1,179
Electric - General Service Demand PV	866,958 THM	22	1,019,077 KWH	20
Electric - GS - Kanapaha w Curtail Cr	1,068,000 THM	1	1,117,200 KWH	1
Electric - GS - Demand - Large Power	7,273,800 THM	6	6,579,600 KWH	6
Electric - GS - Murphree Curtail Credit	1,303,200 THM	1	1,420,800 KWH	1
Electric - GS Large Demand PV	3,844,800 THM	2	3,376,800 KWH	2
Electric - GS - Non Demand	12,857,419 THM	9,969	12,705,621 KWH	9,919
Electric - General Service PV	141,941 THM	77	90,157 KWH	65
Electric - Lighting - Rental	956,723 THM	3,987 <i>n</i>	954,834 KWH	4,071 <i>n</i>
Electric - Lighting - Street - City	488,695 THM	12 <i>n</i>	692,193 KWH	12 <i>n</i>
Electric - Lighting - Street - County	130,716 THM	2 <i>n</i>	130,944 KWH	2 <i>n</i>
Electric - Lighting - Traffic	4,542 THM	2	4,542 KWH	2 <i>n</i>
Electric - Residential - Non TOU	58,453,370 THM	88,505	54,235,229 KWH	86,281
Electric - Residential PV	317,429 THM	526	241,146 KWH	414
<b>Total Retail Electric</b>	<b>131,127,839</b> KWH	<b>100,536</b>	<b>125,101,831</b> KWH	<b>98,145</b>
<small>(n =not included in total customer count)</small>				
City of Alachua	10,538,473 KWH KWH	23,177 KW	9,449,000 KWH	21,251 KW
<b>Total (Native) Electric</b>	<b>141,666,312</b> KWH		<b>134,550,831</b> KWH	

### Gas System Consumption

	2020		2019	
	CONSUMPTION	CUSTOMERS	CONSUMPTION	CUSTOMERS
Gas - GS - Regular Service (Firm)	918,421 THM	1,368	885,586 THM	1,366
Gas - GS - Regular Service (Small)	9,998 THM	328	14,319 THM	312
Gas - GS - Interrruptible - Regular Serv	0 THM	-	23,081 THM	1
Gas - GS - Interrruptible - Large Volume	340,048 THM	6	447,525 THM	7
Gas - Residential - Regular Service	900,569 THM	34,564	1,052,617 THM	34,127
<b>Total Retail Gas</b>	<b>2,169,036</b> THM	<b>36,266</b>	<b>2,423,128</b> THM	<b>35,813</b>
Gas - GS - UF Cogeneration Plant	3,411,707 THM	1	3,431,813 THM	1
Gas - Residential - LP - Basic Rate	6,776 GAL	210	5,671 GAL	202

\*Obtained from Monthly Billing Summary prepared by Jeffery Johnson

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

## **Durations Reliability Report Between 12/01/2020 and 12/31/2020**

### **Major Electric Design Projects**

- > 8th Avenue 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
- > 908 Group Project (Gainesville West) - 181 Units
- > SFC Blount Center Project

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

- > Main Installation – Main Installation - Parker Rd. - 8000' 8" PE
- > Main Installation – Oakmont Subdivision Phase 4 - 10600'
- > Main Replacement – NW 12th St. - Bare Steel - 1960'
- > Main Relocation for UF Project – Museum Rd. and Center Dr.
- > Numerous minor main extensions & Leak Survey

# ENERGY SUPPLY

SYSTEM STATISTICS

ENERGY DISTRIBUTION

FUEL

**December 2020**

**Energy Supply - CAPACITY**

Source

**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
42,116	142,835	56,185	86,650
15,116	55,134	24,541	30,593
70,997	186,884	162,426	24,458
-	-	120	(120)
10,314	21,431	54,110	(32,679)
18,154	37,566	134,568	(97,002)

**Fuels Consumed**

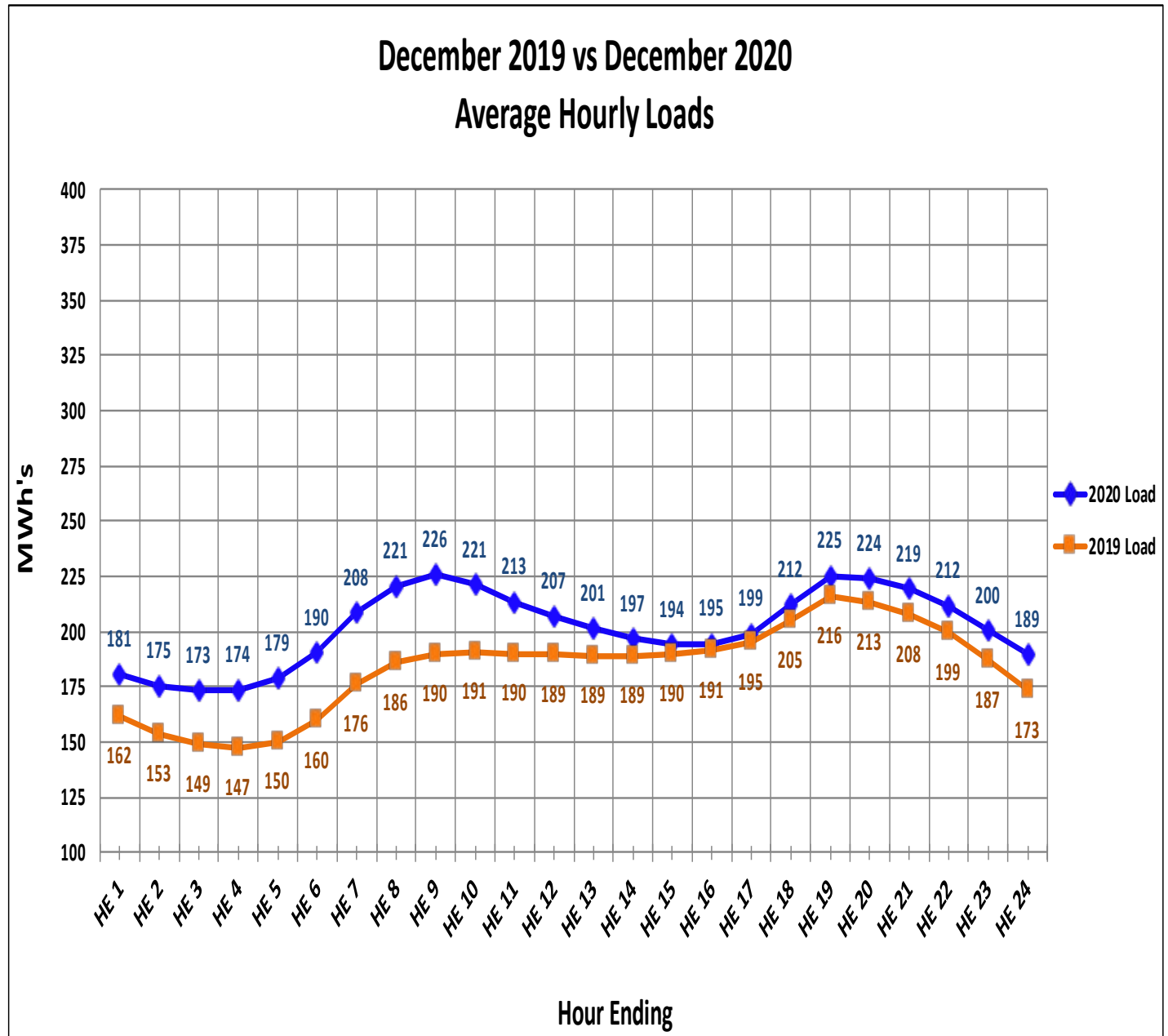
	Month	FYTD	Budget YTD	Delta Budget
Coal - Tons	11,812	40,591	23,065	17,526
Gas - MCF	1,040,665	3,213,166	2,403,675	809,491
Fuel oil - Gals	-	1,222	-	1,222
Biomass - Tons	25,514	48,485	139,737	(91,252)

**Availability/Capacity**

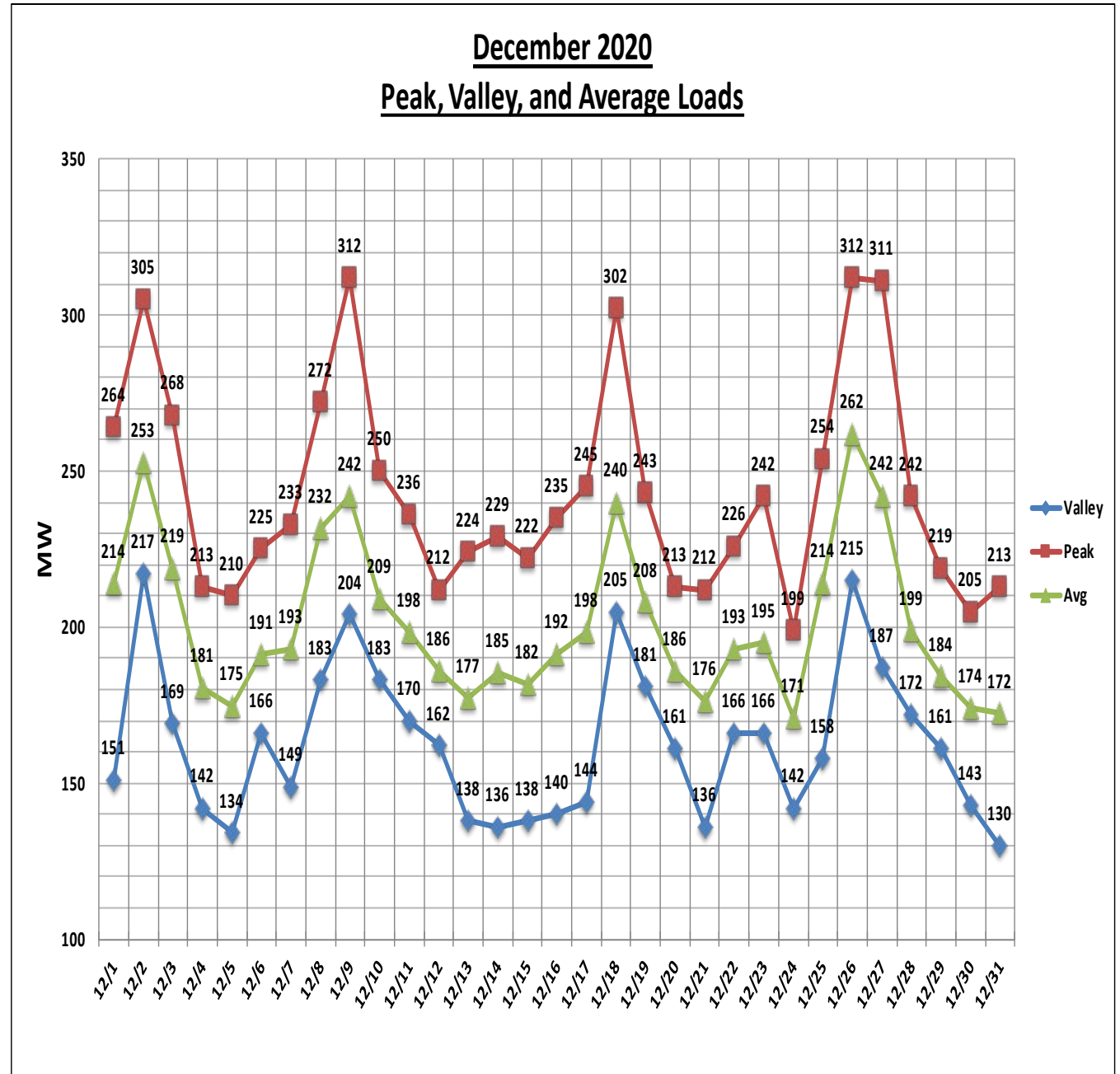
	Availability			Capacity		
	Month	FY 2021 YTD	FY 2020 YTD	Month	FY 2021 YTD	FY 2020 YTD
DH-2	92.11%	96.21%	79.84%	27.19%	30.88%	13.44%
DH-1	99.30%	97.87%	91.96%	27.75%	35.90%	33.48%
Kelly CC	93.32%	97.77%	94.14%	87.52%	77.37%	85.89%
DH CT-1	99.64%	99.87%	97.40%	0.00%	0.00%	0.24%
DH CT-2	99.64%	99.87%	96.83%	0.00%	0.01%	0.23%
DH CT-3	99.46%	99.82%	99.59%	0.00%	0.00%	1.82%
DHR	49.46%	27.75%	89.14%	26.05%	18.04%	51.77%



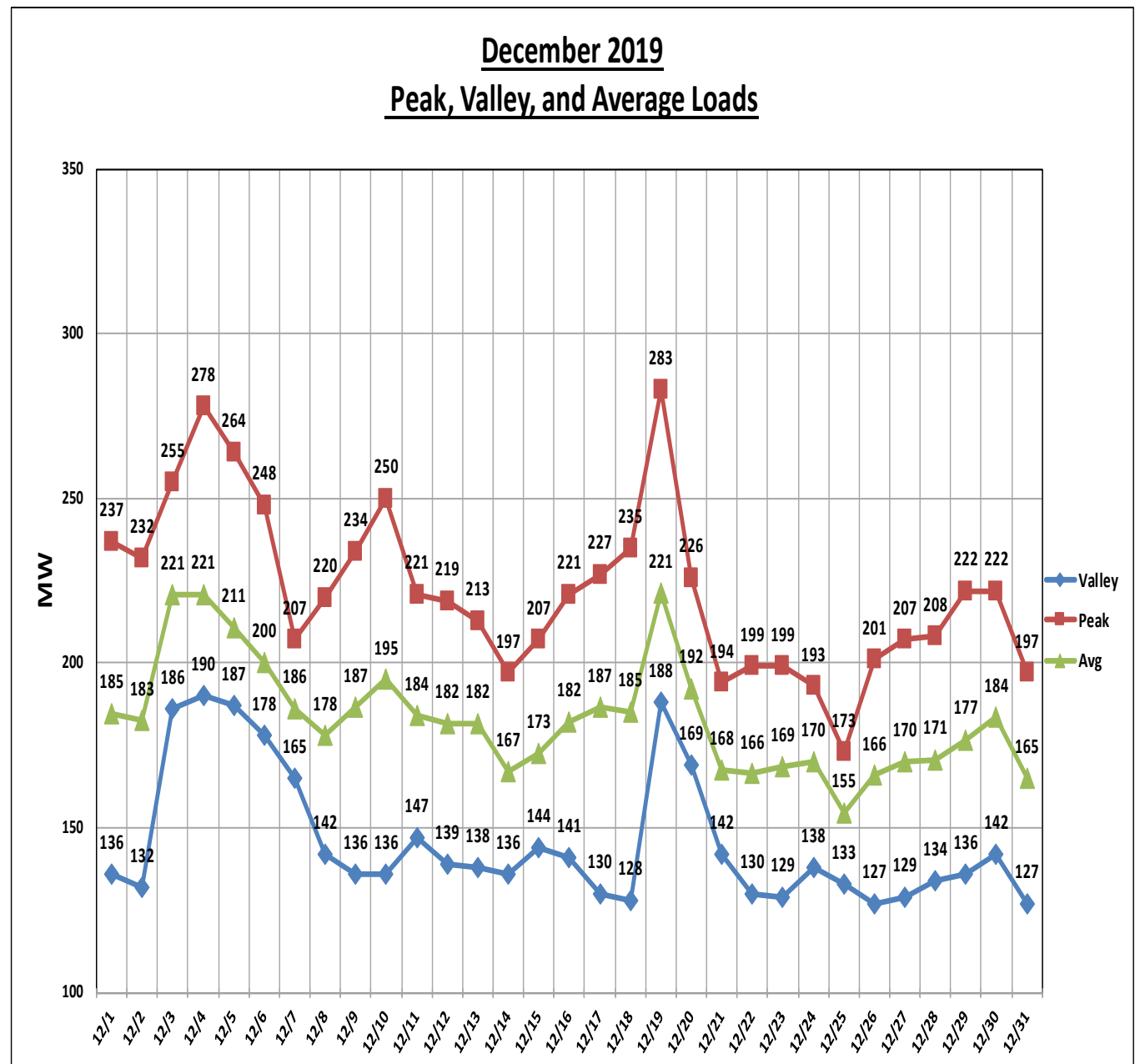
December Average Hourly Loads		
Hour Ending	2019 Load	2020 Load
HE 1	162	181
HE 2	153	175
HE 3	149	173
HE 4	147	174
HE 5	150	179
HE 6	160	190
HE 7	176	208
HE 8	186	221
HE 9	190	226
HE 10	191	221
HE 11	190	213
HE 12	189	207
HE 13	189	201
HE 14	189	197
HE 15	190	194
HE 16	191	195
HE 17	195	199
HE 18	205	212
HE 19	216	225
HE 20	213	224
HE 21	208	219
HE 22	199	212
HE 23	187	200
HE 24	173	189



Date	Valley	Peak	Avg
12/1/2020	151	264	214
12/2/2020	217	305	253
12/3/2020	169	268	219
12/4/2020	142	213	181
12/5/2020	134	210	175
12/6/2020	166	225	191
12/7/2020	149	233	193
12/8/2020	183	272	232
12/9/2020	204	312	242
12/10/2020	183	250	209
12/11/2020	170	236	198
12/12/2020	162	212	186
12/13/2020	138	224	177
12/14/2020	136	229	185
12/15/2020	138	222	182
12/16/2020	140	235	192
12/17/2020	144	245	198
12/18/2020	205	302	240
12/19/2020	181	243	208
12/20/2020	161	213	186
12/21/2020	136	212	176
12/22/2020	166	226	193
12/23/2020	166	242	195
12/24/2020	142	199	171
12/25/2020	158	254	214
12/26/2020	215	312	262
12/27/2020	187	311	242
12/28/2020	172	242	209
12/29/2020	161	219	199
12/30/2020	143	205	184
12/31/2020	130	213	172



Date	Valley	Peak	Avg
12/1/2019	136	237	185
12/2/2019	132	232	183
12/3/2019	186	255	221
12/4/2019	190	278	221
12/5/2019	187	264	211
12/6/2019	178	248	200
12/7/2019	165	207	186
12/8/2019	142	220	178
12/9/2019	136	234	187
12/10/2019	136	250	195
12/11/2019	147	221	184
12/12/2019	139	219	182
12/13/2019	138	213	182
12/14/2019	136	197	167
12/15/2019	144	207	182
12/16/2019	141	221	187
12/17/2019	130	227	178
12/18/2019	128	235	186
12/19/2019	188	283	221
12/20/2019	169	226	192
12/21/2019	142	194	168
12/22/2019	130	199	166
12/23/2019	129	199	169
12/24/2019	138	193	170
12/25/2019	133	173	155
12/26/2019	127	201	166
12/27/2019	129	207	170
12/28/2019	134	208	171
12/29/2019	136	222	177
12/30/2019	142	222	184
12/31/2019	127	197	165



Date: As of January 4, 2021: Major Energy Supply Projects/Milestones Updates:

1. Deerhaven Renewable (DHR):
  - a. DHR was restored to service from a forced outage on 12/16/2020 following repairs to generator bearings.
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 begun as of 1/4/2021, and is scheduled to run through 1/19/2021. This first phase is to install the new burners in the feed to boiler. Phase 2 of this DH2 Retrofit will occur after the Kelly Generating Station outage and Combined Cycle Unit restored to service.
    - ii. Deerhaven Unit #2 (DH2) # 1 High Pressure Feedwater Heater is out of service due to external leak. The external leak was verified to be due to internal tube leak and evaluation is in progress in the current DH2 outage in progress, to determine best path forward. If unit called for this heater is currently bypassed with no restrictions on the plant load.
    - 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 will be replacing the hydraulic cylinder in the current DH2 outage in progress.
3. Kelly Generating Station (JRK):
  - a. Unit #8 New Steam Turbine, Generator, and other auxiliary equipment have arrived in Gainesville and this extended outage to replace Unit #8 Turbine, Generator, and CT4 Gas Turbine Major Inspection is set to begin 1/31/2021.
  - b. Unit #8 was in forced outage 12/28 through 12/31/2020 due to tube leak in Heat Recovery Steam Generator (HRSG). Repairs to tube made and unit brought back on line 1/1/2021.

**City Commission - FY21 - 1QTR Coal Sourcing Report**

Month	Coal Delivered	Coal Supplier(s)	Mine	Tons	Deep	MTR	Surface (No MTR)
	Oct-20			0.00			
	Nov-20			0.00			
	Dec-20			0.00			
<b>Total</b>				<b>0.00</b>			

**Notes:**

1. No coal purchased in FY21 - 1QTR.

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

**GRU Scope:**

<b>Milestone</b>	<b>Expected Completion Date</b>	<b>Status</b>	<b>Notes</b>
Grid Interconnection Studies	2/2021	Pending	Reviewing data and finalizing report
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:** December 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	11/23/20	Complete	
Permitting Application	11/30/20	Complete	
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. Any 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.
- Dec 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.
- Dec 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.



- Dec 2020: Interconnection teams continued coordination and information exchange. Seller provided a discussion draft generator interconnection agreement for Buyer's review December 14, 2020.
- **Discussion of any unresolved issues, foreseeable disruptions, or delays**
  - Jul 2020: None.
  - Aug 2020: None.
  - Sep 2020: None.
  - Oct 2020: None.
  - Nov 2020: None.
  - Dec 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.
  - Dec 2020: Alachua County staff began their review of SE application ZX-01-21. Seller anticipates appearance before the Planning Commission as soon as February 2021.
- **Discussion of any unresolved issues, foreseeable disruptions, or delays**
  - Jul 2020: None.
  - Aug 2020: None.
  - Sep 2020: None.
  - Oct 2020: None.
  - Nov 2020: None.
  - Dec 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.
  - Dec 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.
- Dec 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.
  - Dec 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.
  - Dec 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.
  - Dec 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.
  - Dec 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.
  - Dec 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.
  - Dec 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: 8-Jan-21, JT*

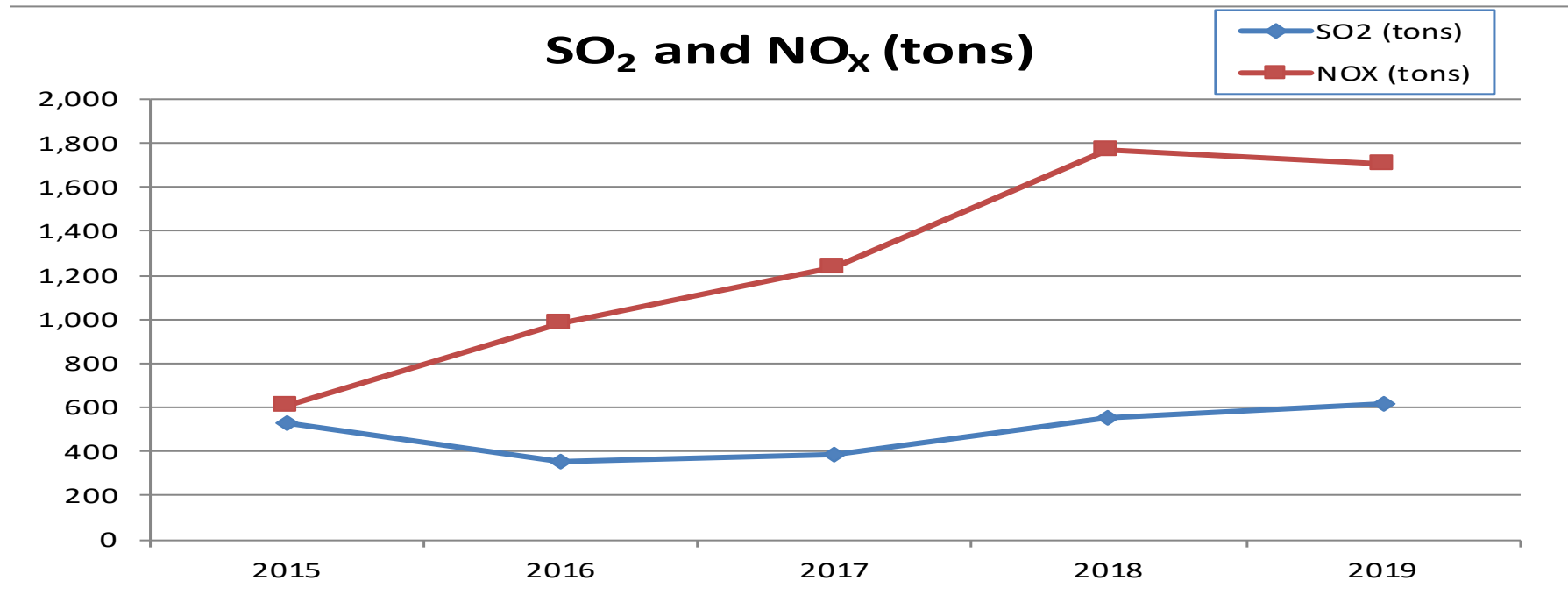
# ENVIRONMENTAL PERMITTING

## 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	372	1,091	3.14	56	1,462,622

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



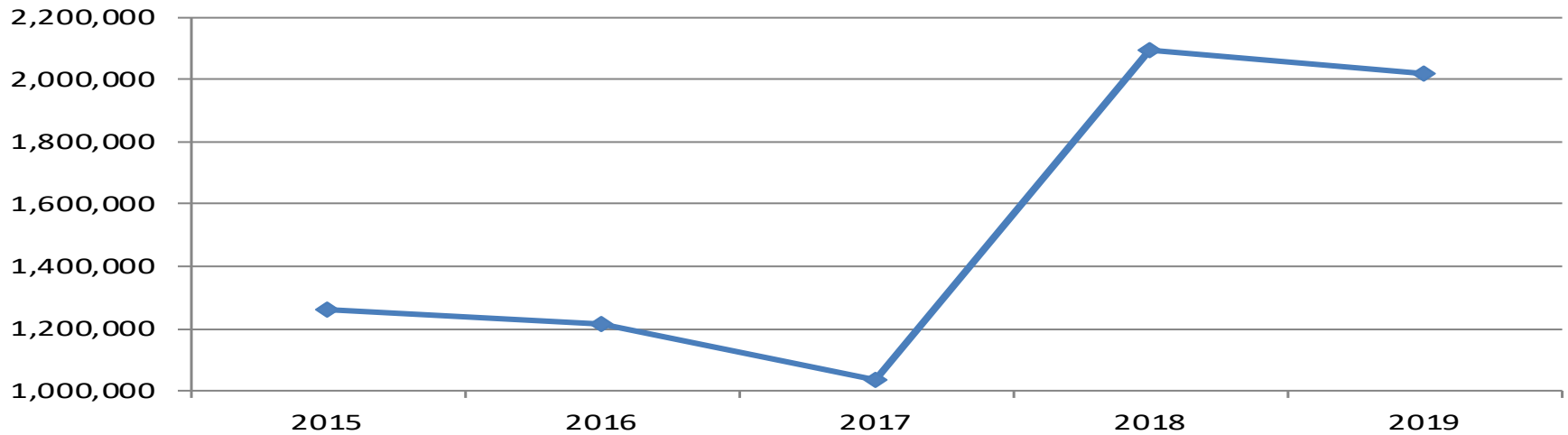
**SO<sub>2</sub> was lower in 2015, 2016, and 2017 due to higher removal rate settings to assure compliance with the MATS Rule.**

**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.**

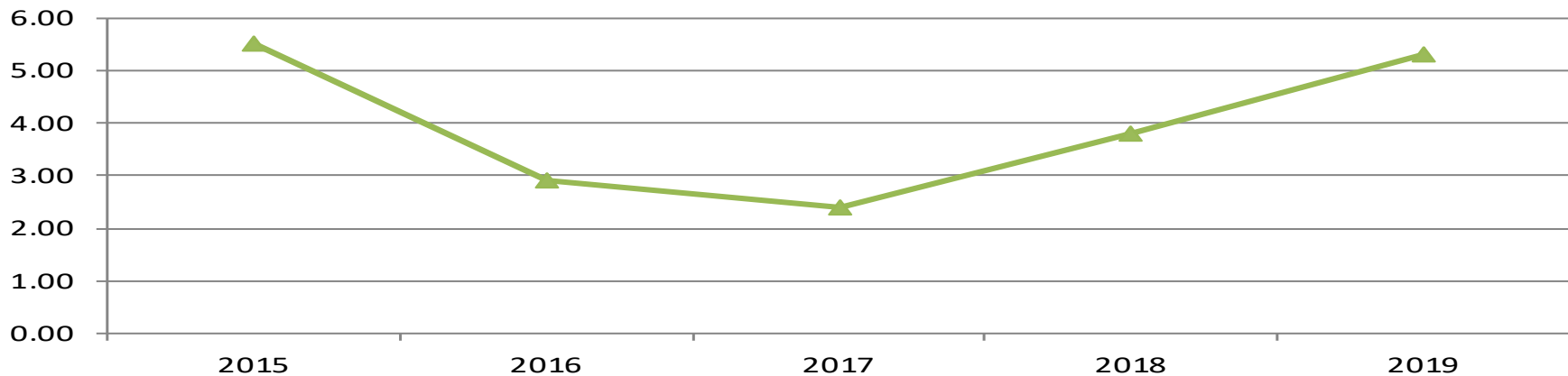
## Yearly Emissions

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



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

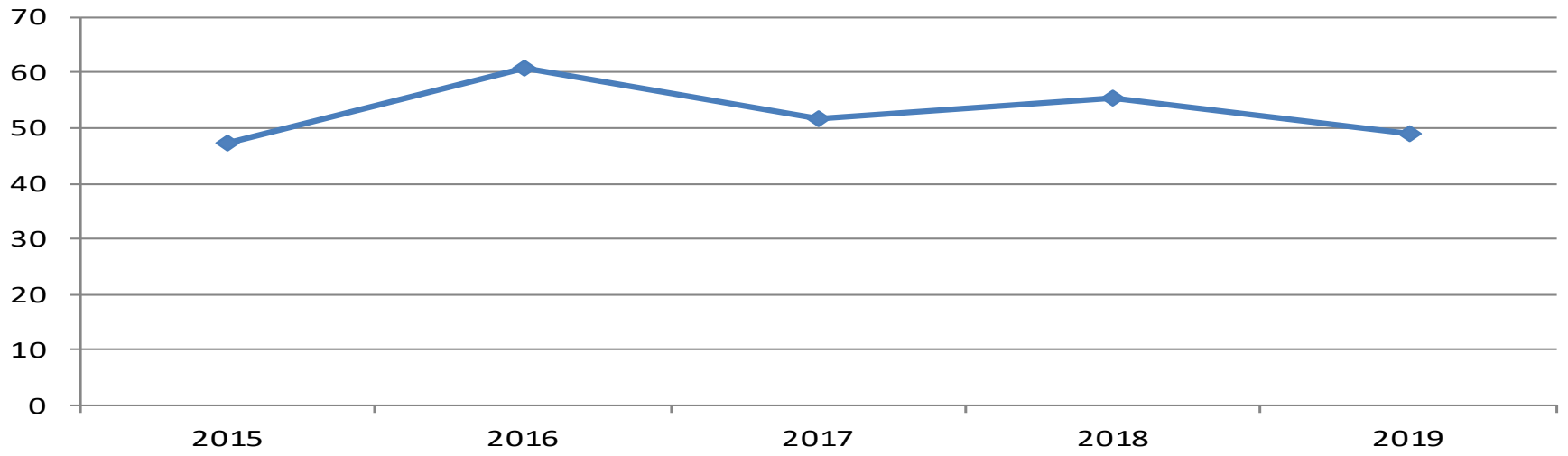
### Mercury (lbs)



**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 December

	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	242.6			195,116.5			3,282,211.0	283,128.0
DH2	361.9	673.5	3.14	56.5	428,341.3			4,994,000.0	464,893.0
DHCT3	0.0	0.5			1,951.2			32,833.0	2,330.0
JRKCC1	2.1	86.8			417,630.8			7,027,818.6	833,568.0
DHR	2.1	87.3			419,582.0			7,060,651.6	835,898.0
<b>TOTAL</b>	<b>371.9</b>	<b>1,090.7</b>	<b>3.143</b>	<b>56.5</b>	<b>1,462,621.8</b>			<b>22,397,514.2</b>	<b>2,419,817.0</b>

2020 - December

	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	14.8			11,795.5			198,441.0	16,400.0
DH2	38.6	74.9	0.23	6.0	45,096.3			535,795.0	50,517.0
DHCT3	0.0	0.0			0.0			0.0	0.0
JRKCC1	0.2	8.6			37,060.3			623,641.7	71,716.0
DHR	0.6	9.4			32,147.9			308,229.1	22,124.0
<b>TOTAL</b>	<b>39.5</b>	<b>107.7</b>	<b>0.2</b>	<b>6.0</b>	<b>126,100.0</b>			<b>1,666,106.8</b>	<b>160,757.0</b>



# WATER/WASTEWATER

PRODUCTION

MAINTENANCE

# Water/Wastewater Dec 2020 Dashboard

## Production

### Murphree Water Treatment Plant

		Dec 20	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	20.3	22.5	30	75%	
	Peak Daily Flow	23.5	25.5	54	47%	

### Main Street Water Reclamation Facility

		Dec 20	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	5.19	5.59	7.5	75%	

### Kanapaha Water Reclamation Facility

		Dec 20	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	10.8	11.5	14.9	77%	

### Water Reclamation Facilities (Combined)

		Dec 20	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	16.0	17.1	22.4	76%	

## Maintenance

### Wastewater Collections

		Dec 2020 (Miles)	FYTD	Monthly Goal (miles)	
	Miles of gravity mains cleaned	9.68	27.46	5.0	
	Miles of gravity mains TV inspected	8.07	22.56	5.0	

### Water Distribution

		Dec 2020	FYTD	Monthly Goal	
	Number of Water Services Replaced	59	202	75	

## SSO Monthly Summary

		Dec 2020	YTD	GOAL (annual)	
	Sanitary Sewer Overflows	3	5	<22	

WATER/WASTEWATER PROJECT UPDATES  
DECEMBER 2020 (FY21)

1. MWTP Well 11 Pump Replacement: New pump restores electric and diesel power options to Well 11 providing better reliability (previously this pump was diesel only).
2. MSWRF Progressive Design Build -Jacobs Engineering began inspecting plant facilities for condition assessment this month.
3. KWRF Hypochlorite Skid Replacement Project: installation of conduits has begun.
4. Duck Pond Water Main Rehabilitation - Water analysis underway, meter connections being done by GRU, contractor forming and pouring sidewalk.
5. Eastside Force Main - pressure testing completed and passed for first two bores. Pre-reaming section for 20" pipe.
6. Parker Rd Wetland Land Purchase: received Alachua County Plan Board approval, received Alachua County Board of County Commission Special Exception permit approval, received recommendation from UAB to proceed, and seeking approval from City Commission on Jan. 7th.