

STATE OF THE UTILITY

Operational Update

February 2021

Item #201219

ASA	Average Speed of Answer
ASAI	Average Service Availability Index
CAIDI	Customer Average Interruption Duration Index
CIP	Critical Infrastructure Protection
CMI	Customer Minutes Interrupted
CO2	Carbon Dioxide
CSR	Customer Service Representative
DART	Days away, Restricted duty, Temporary transfer
DH1	DeerHaven 1
DH2	DeerHaven 2
DH CT-1	DeerHaven Combustion Turbine #1 – 17.5 MW
DH CT-2	DeerHaven Combustion Turbine #2 – 17.5 MW
DHCT3 or DH CT-3	DeerHaven Combustion Turbine #3 – 71 MW
DHR	DeerHaven Renewable (Biomass Plant)
EIA	Energy Information Administration
FMPA	Florida Municipal Power Association
FTE	Full Time Employee
FY	Fiscal Year
GS	General Service
HE	Hour Ending
Hg	Mercury
IVR	Interactive Voice Response
JRKCC1	John Kelly Combined Cycle 1
Kelly CC	Kelly Combined Cycle
kGals	A thousand gallons of water
kWh	kilowatt-hour, commonly used as a billing unit for energy delivered to consumers by electric utilities
KWRF	Kanapaha Water Reclamation Facility
L-Bar	Average Length of a Service Interruption
MATS	Mercury
MCF	1000 Cubic Ft. of Gas
MWn	Mega Watts
MSWRF	Main Street Water Reclamation Facility
MWTP	Murphree Water Treatment Plant
NERC	North American Electric Reliability Corporation
NOX	Nitrogen
OEM	Original Equipment Manufacturer
OH	Overhead
PMFILT	Porous Metal Filters
PV	Photo Voltaic (Solar Cell)
SAIDI	System Average Interruption Duration Index
SAIFI	System Average Interruption Frequency Index
SCR	Selectius Catalytic Reactor
SO2	Sulfur Dioxide
Therms	a unit of heat equivalent to 100,000 Btu or 1.055×10^8 joules.
THIP	Total Heat Input
TND	Traditional Neighborhood Development
TOU	Time of Use
UG	Underground
W/WW	Water WasteWater

OPERATIONS SUMMARY

CORPORATE SAFETY

COMPLIANCE

ENVIRONMENTAL

REGULATORY

PERSONNEL

February 2021

Safety

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

Employees

	Year to Date		
	First Aid	Recordable	DART
	0	0	0
	3	2	1
	0	0	0
	0	5	2
	0	0	0
		7	

Note: one recordable determined not to be work-related

	Current Month		
	Miles Driven*	Recordable	Preventable
Administration	5,224	0	0
W/WW Systems	59,451	1	1
Energy Supply	394	0	0
Energy Delivery - Electric/Gas	112,118	0	0
GRUCom	6,425	0	0
Totals	183,612	1	1

*Mileage data is for January 2021. February mileage data will be included in the March report.

Vehicles

	Year to Date		
	Miles Driven*	Recordable	Preventable
	24,932		
	239,889	2	2
	1,224		
	434,594	3	2
	26,581		
	727,220	5	4

Mileage YTD through January 2021

Environmental

	Current Month
Notices of Violation	0

Calendar Year to Date
0

Emissions

DH1, DH2, DHCT3, JRKCC1

CO ₂ (tons)	85,887
NO _x (tons)	149
SO ₂ (tons)	135

148,050
197
151

DH Unit 2 (only)

PM _{FILT} (tons)	10
Hg (lbs)	0.50

12
0.67

DHR

CO ₂ (tons)	88,210
NO _x (tons)	26
SO ₂ (tons)	2

166,347
48
3

Regulatory

NERC

Notice of Violations	0
Self Reports/Potential Violations	0

Fiscal Year to Date

3*
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 (January)
Administration	16.00	14.00	2.00	2.00
Chief Operating Officer	20.00	20.00	0.00	0.00
Customer Support Services	118.25	102.25	16.00	14.00
Energy Delivery	264.00	249.00	15.00	13.00
Energy Supply	183.00	161.00	22.00	24.00
Energy Supply - District Energy	11.00	10.00	1.00	1.00
Finance	42.00	30.75	11.25	11.25
GRUCom	38.00	28.00	10.00	9.00
Information Technology	71.00	66.00	5.00	5.00
Water Wastewater	169.00	161.00	8.00	11.00
Grand Total	932.25	842.00	90.25	90.25

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
1/25/2021 (FY2020)	Failure to issue door alarms for 5 days due to email system configuration error

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
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) Determined to be a personal condition, not work-related.~~

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

- 1/7/2021 – employee slipped and fell injuring his left ankle, left leg and left side lower back when a magnetic tool turned loose from man hole lid and employee fell. (DART)
- 1/11/2021 – While warning signs to posts, employee accidentally shot a staple into his right thumb. (DART)
- 1/14/2021 – Employee got debris in his right eye while running chainsaw causing bad eye irritation.

FEBRUARY

- 2/17/2021 – An employee was struck in the face with a switch handle he was installing when the pliers he was using slipped, hit and released the handle causing a cut that required stitches.
- 2/22/2021 – While removing a manhole cover with a long hook, the hook slipped off, causing a strain to his left shoulder.

MARCH

APRIL

MAY

JUNE

JULY

AUGUST

SEPTEMBER

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

- 12/18/2020 – Employee collided with a deer crossing the road. Minor damage to the front grill.

JANUARY

- None reported

FEBRUARY

- 2/15/2021 – A citizen came up to GRU driver at the Kanapaha WRF and said he had scraped the front fender of her car during the turn from 8th Ave to Newberry Road. This is being investigated. (P)

MARCH

- 3/4/2021 – Employee was traveling southbound on North Main Street. While waiting at the red light, a person towing a U-Haul trailer exited the parking lot behind our truck. When she tried to turn right, the trailer hit the rear bumper of our truck. Minor damage only.

APRIL

MAY

JUNE

JULY

AUGUST

SEPTEMBER

CUSTOMER SUPPORT SERVICES

Customer Operations

New Services

Revenue Assurance

Customer Operations Metrics Summary February 2021

Active Accounts	Feb-21	YTD Gain/Loss	FY20
<i>Residential Contract Accounts</i>			
Total	50,701	(43,164)	93,865
Electric	0	(86,731)	86,731
Gas	64,303	30,098	34,205
Water	94,194	29,965	64,229
Wastewater	87,003	26,969	60,034
Telecomm	60,035	59,948	87

New Installations	Feb-21	FY21 To Date	FY20
Electric	127	768	2430
Gas	68	434	558
Water	72	290	744
Wastewater	81	309	667
Telecomm	0	18	131

Call Center Volume	Feb-21	FY21 To Date	FY20
Residential ASA	0:18:41	0:20:35	0:03:41
Business ASA	0:03:38	0:03:42	0:02:27
CSR Calls	16,424	87,693	188,834
CSR Callbacks	3,834	23,084	12,488
IVR Self Service	11,615	77,014	201,731
Total	31,873	187,791	403,053
IVR/Total	36%	41%	50%

Bills Generated	Feb-21	FY21 To Date	FY20
Paper Bills	91,018	469,069	1,301,286
eBills	18,369	95,532	237,475
Total	109,387	564,601	1,538,761
eBill/Total	17%	17%	15%

Payment Arrangements	Feb-21	FY21 To Date	FY20
Total	848	5,068	7,129

Customer Experience	Feb-21	FY21 To Date	FY20
Overall CSAT	0.00	4.00	N/A
Number of Responses	0	903	N/A
Number of Surveys Sent	0	9,949	N/A
Response Rate		9%	N/A

Active Accounts	Feb-21	YTD Gain/Loss	FY20
<i>Nonresidential Contract Accounts</i>			
Total	135	(13,485)	13,620
Electric	0	(11,032)	11,032
Gas	5,898	4,232	1,666
Water	13,202	7,291	5,911
Wastewater	11,024	6,352	4,672
Telecomm	4,662	4,259	403

Residential Disconnects	Feb-21	FY21 To Date	FY20
Volume	62	6,779	7,791
Average Balance	\$1,240.00	\$247.16	\$175.34

Revenue Assurance	Feb-21	FY21 To Date	FY20
Referred to Collections	\$169,279.29	\$1,138,151.36	\$1,495,829.79
Recovered	\$106,146.20	\$422,086.66	\$804,667.00

Service Orders	Feb-21	FY21 To Date	FY20
Move Ins	6,490	36,000	106,868
Move Outs	6,202	34,886	106,929

Average Res Bill Amounts	Feb-21	FY21 To Date	FY20
Electric (kWh)	710	773	830
Electric (\$)	\$105.18	\$113.65	\$124.21
Gas (Therms)	44	30	18
Gas (\$)	\$59.51	\$43.76	\$32.65
Water (kGals)	4	5	5
Water (\$)	\$27.57	\$29.51	\$31.49
Wastewater (kGals)	4	5	5
Wastewater(\$)	\$38.78	\$38.09	\$37.67

Annual Relationship	Feb-21	FY21 To Date	FY20
Overall CSAT	3.40	3.40	N/A
Number of Responses	8,709	16,765	N/A
Number of Surveys Sent	52,363	52,363	N/A
Response Rate	17%	32%	N/A

ENERGY DELIVERY

System Consumption

System Reliability

Major Projects – Electric & Gas

ENERGY DELIVERY - UAB REPORT - FEBRUARY 2021

Durations Reliability Report Between 02/01/2021 and 02/28/2021

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)	99.9983%	
Total Hours of Customer Demand	1,119,306	System Average Interruption Duration Index (SAIDI)	0.68	4.5
Total Number of Outages	55	Customer Average Interruption Duration Index (CAIDI)	95.92	60
Total Number of Customers Affected (CI)	706	System Average Interruption Frequency Index (SAIFI)	0.01	0.08
Total Customer Minutes Interrupted (CMI)	67,716			
Total Customer "Out Minutes"	5,959	Average Length of a Service Interruption (L-Bar)	108.35 Mins	

Cause of Outages				
Cause	Overhead	Underground	Both	Total
0. Undetermined	3	1	0	4
1. Weather	1	0	0	1
2. Vegetation	24	0	0	24
3. Animals	8	0	0	8
4. Foreign Interference	0	0	0	0
5. Human Cause	1	1	0	2
6. Equipment Failure	6	9	1	16
7. All Remaining Outages	0	0	0	0
Total	43	11	1	55

Durations Reliability Report Between 01/01/2021 and 02/28/2021*

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

CUSTOMER DATA		RELIABILITY INDICES		GRU YTD GOALS
Monthly Average Customers Served(C)	99,938	Average Service Availability Index (ASAI)	99.9948%	
Total Hours of Customer Demand	2,358,537	System Average Interruption Duration Index (SAIDI)	4.44	4.5
Total Number of Outages	105	Customer Average Interruption Duration Index (CAIDI)	67.46	60
Total Number of Customers Affected (CI)	6,582	System average Interruption Frequency Index (SAIFI)	0.07	0.08
Total Customer Minutes Interrupted (CMI)	444,034			
Total Customer "Out Minutes"	10,922	Average Length of a Service Interruption (L-Bar)	104.02 Mins	

ENERGY DELIVERY - UAB REPORT - FEBRUARY 2021

	GRU	GRU	EIA - All	EIA - Public	FMPA
	CY 2021 Goal	CY 2020 Actual	CY 2019	CY 2019	CY 2019
SAIDI	55 Mins	60.69	144.16	62.31	74.51
CAIDI	60 Mins	54.57	83.35	65.09	60.89
SAIFI	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
38	13	5	20

Cause of Outages				
Cause	Overhead	Underground	Both	Total
0. Undetermined	7	1	0	8
1. Weather	1	0	0	1
2. Vegetation	39	1	0	40
3. Animals	16	0	0	16
4. Foreign Interference	0	0	0	0
5. Human Cause	4	2	0	6
6. Equipment Failure	9	18	5	32
7. All Remaining Outages	0	0	0	0
Total	76	22	5	103
* REPORTED AS CALENDAR YEAR				

ENERGY DELIVERY - UAB REPORT - FEBRUARY 2021

Durations Reliability Report Between 02/01/2021 and 02/28/2021

	2021		2020	
	CONSUMPTION	CUSTOMERS	CONSUMPTION	CUSTOMERS
Feed-In-Tariff - Residential	69 KWH	101	142 KWH	98
Feed-In-Tariff - General Service	2,873 KWH	158	2,611 KWH	159
Electric - GS - Demand - Regular	40,257,319 KWH	1,144	43,436,066 KWH	1,182
Electric - General Service Demand PV	970,033 KWH	20	1,102,359 KWH	20
Electric - GS - Kanapaha w Curtail Cr	1,120,800 KWH	1	1,123,200 KWH	1
Electric - GS - Demand - Large Power	6,963,080 KWH	8	6,718,800 KWH	6
Electric - GS - Murphree Curtail Credit	1,372,800 KWH	1	1,375,200 KWH	1
Electric - GS Large Demand PV	3,429,600 KWH	2	3,444,000 KWH	2
Electric - GS - Non Demand	12,337,524 KWH	9,896	12,681,309 KWH	9,708
Electric - General Service PV	132,042 KWH	79	102,497 KWH	64
Electric - Lighting - Rental	907,842 KWH	3,881 <i>n</i>	867,225 KWH	3,972 <i>n</i>
Electric - Lighting - Street - City	4,821 KWH	11 <i>n</i>	4,985 KWH	10 <i>n</i>
Electric - Lighting - Street - County	0 KWH	0 <i>n</i>	0 KWH	2 <i>n</i>
Electric - Lighting - Traffic	4,542 KWH	2	4,542 KWH	2 <i>n</i>
Electric - Residential - Non TOU	59,992,282 KWH	88,491	54,871,012 KWH	83,095
Electric - Residential PV	338,421 KWH	573	233,778 KWH	417
Total Retail Electric	127,834,048 KWH	99,648	125,967,726 KWH	94,755
(n =not included in total customer count)				
City of Alachua	9,067,582 KWH	25,244 KW	8,950,000 KWH	21,453 KW
Total (Native) Electric	136,901,630 KWH		134,917,726 KWH	

Gas System Consumption

	2021		2020	
	CONSUMPTION	CUSTOMERS	CONSUMPTION	CUSTOMERS
Gas - GS - Regular Service (Firm)	940,676 THM	1,326	912,460 THM	1,357
Gas - GS - Regular Service (Small)	20,178 THM	360	17,974 THM	315
Gas - GS - Interruptible - Regular Serv	16,000 THM	1	18,473 THM	1
Gas - GS - Interruptible - Large Volume	435,721 THM	7	420,639 THM	7
Gas - Residential - Regular Service	1,476,068 THM	34,626	1,224,173 THM	33,721
Total Retail Gas	2,888,643 THM	36,320	2,593,719 THM	35,401
Gas - GS - UF Cogeneration Plant	2,980,992 THM	1	3,099,146 THM	1
Gas - Residential - LP - Basic Rate	7,851 GAL	201	6,495 GAL	202

ENERGY DELIVERY - UAB REPORT - FEBRUARY 2021

Durations Reliability Report Between 02/01/2021 and 02/28/2021

Major Electric Design Projects:

- > 8th Ave OH to UG Conversion (Ph. 3)
- > Haile Plantation Direct Buried Main Line Improvement
- > FEMA Messenger Cable Removal
- > New feeder out of McMichen substation
- > 908 Project - 1 block north of UF Campus

Major Gas Design Projects:

- > Main Installation - Parker Road - 8000' 8"PE (Fill in project)
- > Main Installation - Oakmont Subdivision Phase 4 - 10600'
- > Main Installation - Lugano Subdivision Phase 3 - 4000'
- > Main Installation - Heathrow Subdivision - NW 21st Avenue - 2908'
- > Main Installation - Wimberley Subdivision - SW 140th Avenue - 3400'

ENERGY SUPPLY

SYSTEM STATISTICS

ENERGY DISTRIBUTION

FUEL

February 2021

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
67,242	222,571	90,303	132,268
17,351	96,121	36,152	59,969
52	245,008	241,186	3,822
138	193	275	(82)
(10,795)	25,269	104,360	(79,091)
55,836	140,934	239,108	(98,174)

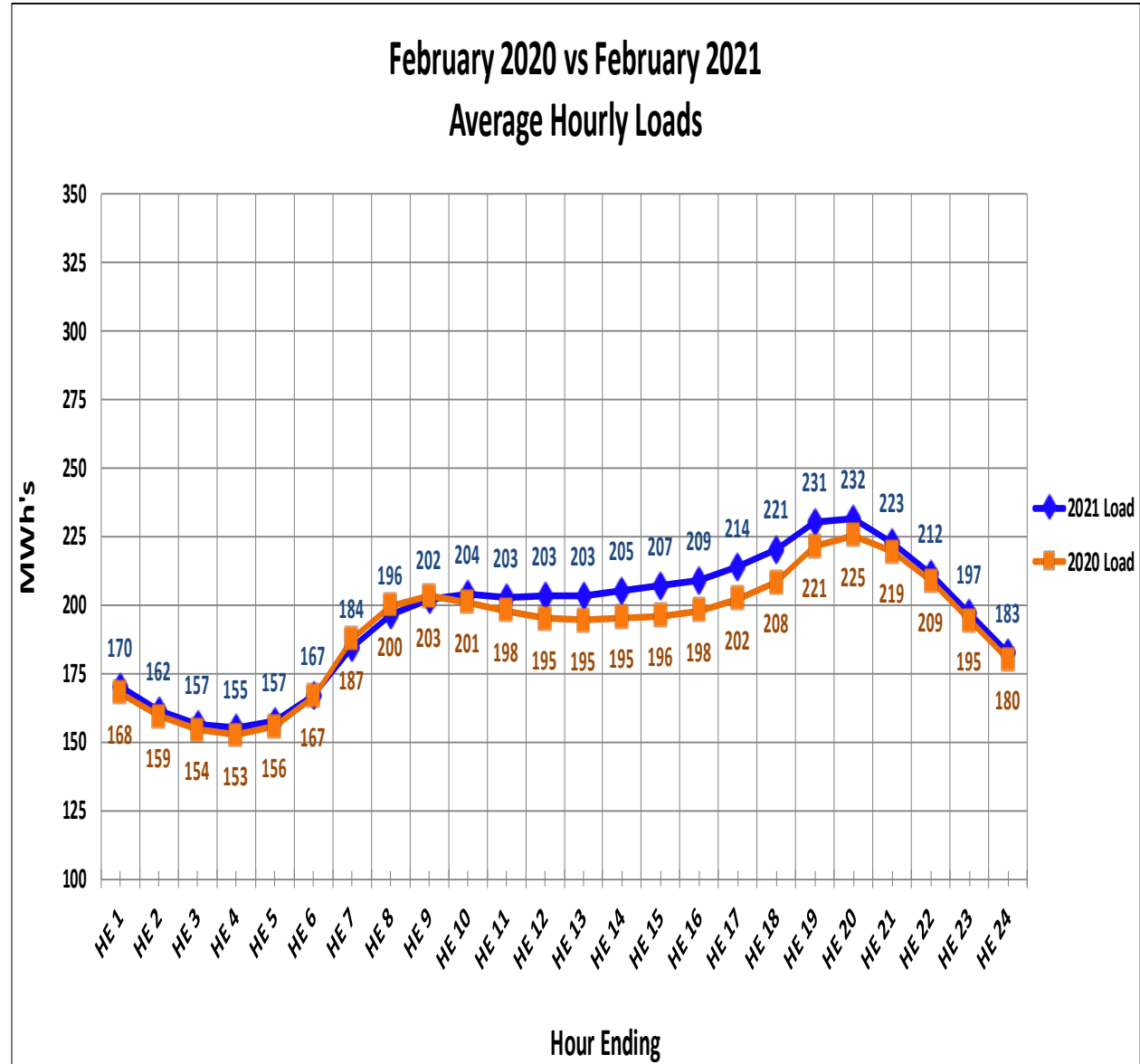
Fuels Consumed

	Month	FYTD	Budget YTD	Delta Budget
Coal - Tons	23,970	68,570	42,928	25,642
Gas - MCF	421,082	4,567,585	3,279,117	1,288,468
Fuel oil - Gals	188,710	189,932	-	189,932
Biomass - Tons	46,447	135,728	308,615	(172,867)

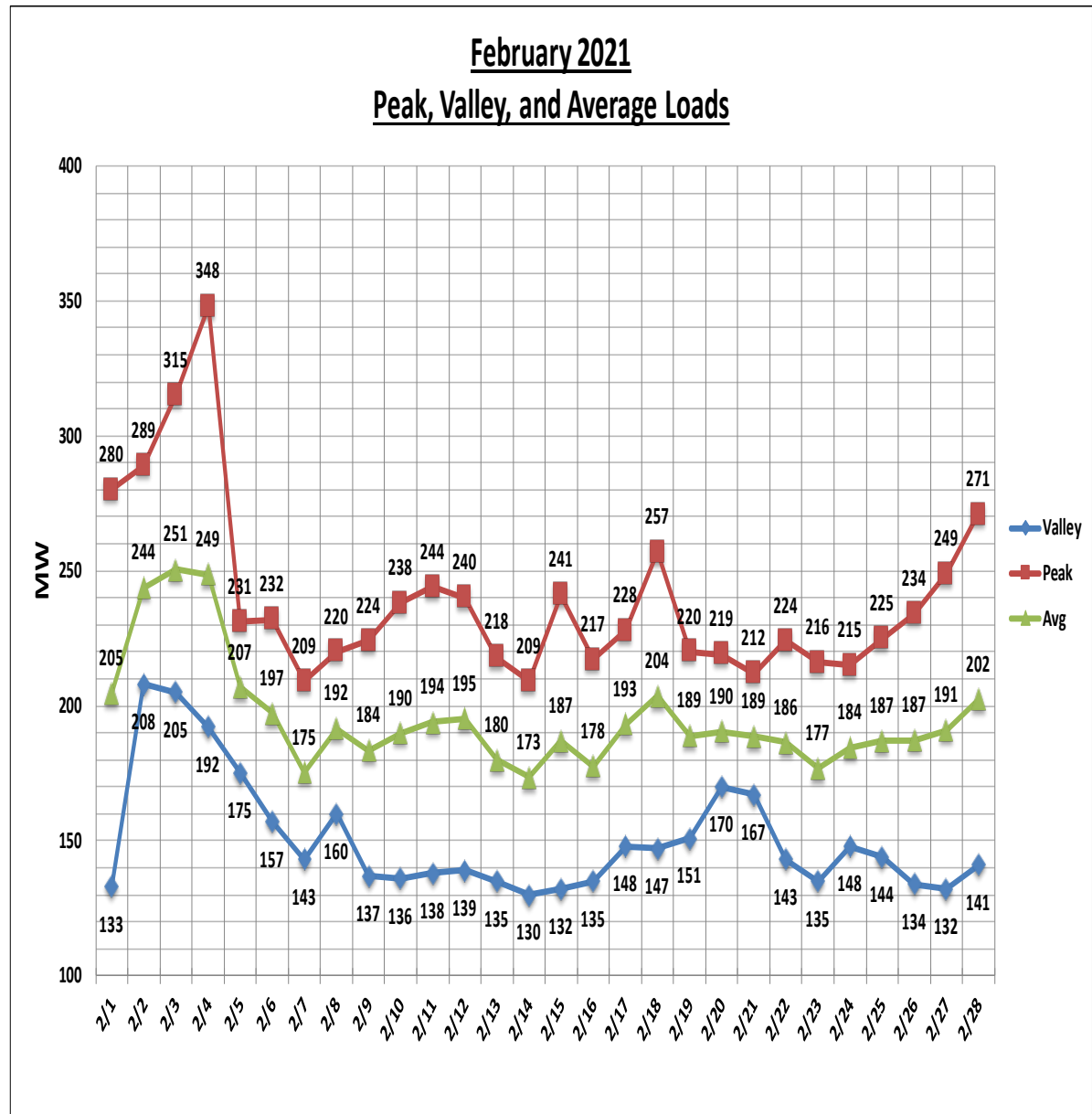
Availability/Capacity

	Availability			Capacity		
	Month	FY 2021 YTD	FY 2020 YTD	Month	FY 2021 YTD	FY 2020 YTD
DH-2	99.91%	84.48%	79.84%	45.80%	29.50%	13.44%
DH-1	100.00%	98.72%	91.96%	35.96%	37.38%	33.48%
Kelly CC	0.00%	74.16%	94.14%	0.00%	60.79%	85.89%
DH CT-1	100.00%	98.41%	97.40%	0.35%	0.24%	0.24%
DH CT-2	77.69%	92.94%	96.83%	0.39%	0.13%	0.23%
DH CT-3	100.00%	99.85%	99.59%	0.48%	0.14%	1.82%
DHR	99.97%	56.67%	89.14%	82.54%	40.33%	51.77%

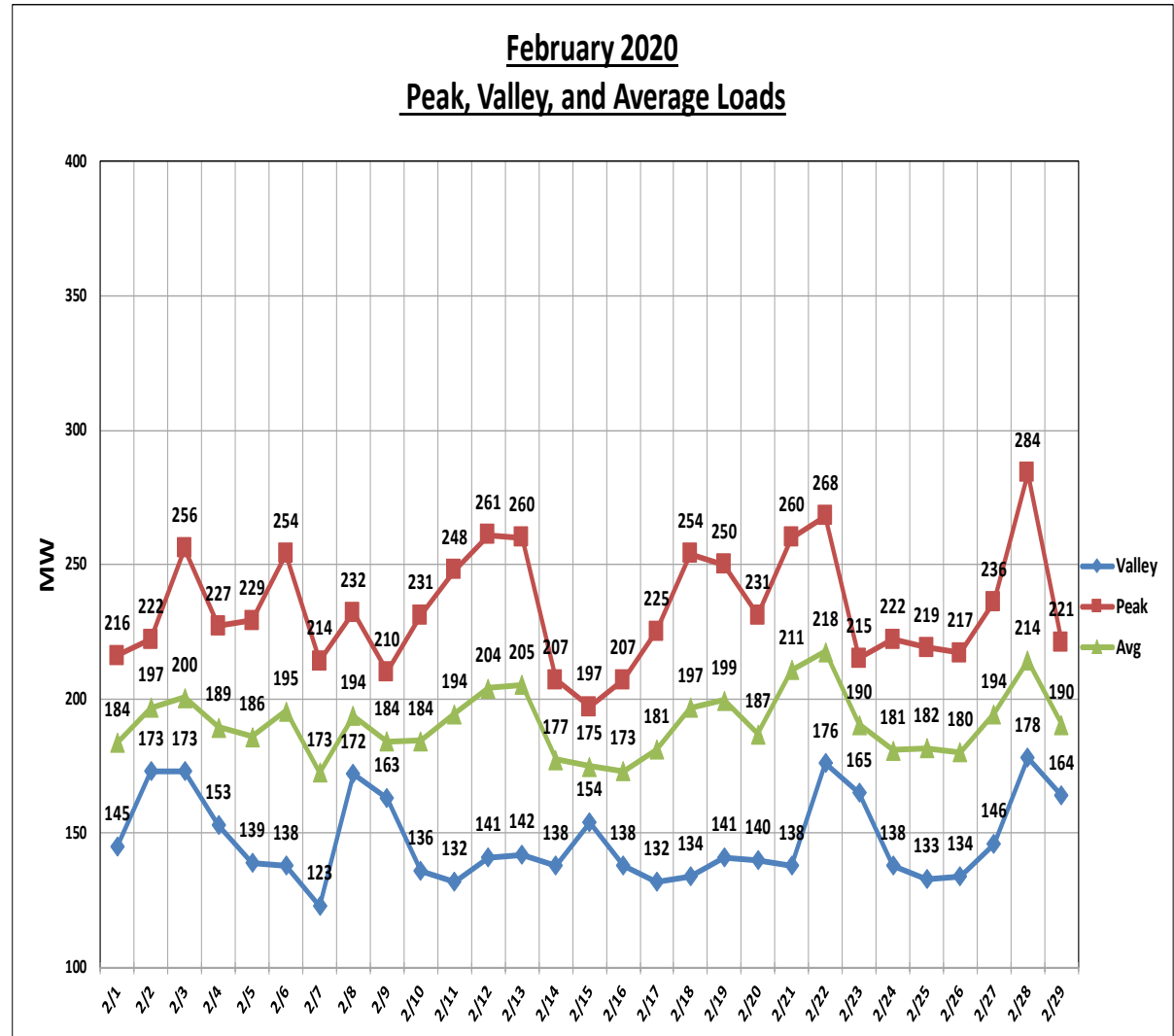
February Average Hourly Loads		
Hour Ending	2020 Load	2021 Load
HE 1	168	170
HE 2	159	162
HE 3	154	157
HE 4	153	155
HE 5	156	157
HE 6	167	167
HE 7	187	184
HE 8	200	196
HE 9	203	202
HE 10	201	204
HE 11	198	203
HE 12	195	203
HE 13	195	203
HE 14	195	205
HE 15	196	207
HE 16	198	209
HE 17	202	214
HE 18	208	221
HE 19	221	231
HE 20	225	232
HE 21	219	223
HE 22	209	212
HE 23	195	197
HE 24	180	183



Date	Valley	Peak	Avg
2/1/2021	133	280	205
2/2/2021	208	289	244
2/3/2021	205	315	251
2/4/2021	192	348	249
2/5/2021	175	231	207
2/6/2021	157	232	197
2/7/2021	143	209	175
2/8/2021	160	220	192
2/9/2021	137	224	184
2/10/2021	136	238	190
2/11/2021	138	244	194
2/12/2021	139	240	195
2/13/2021	135	218	180
2/14/2021	130	209	173
2/15/2021	132	241	187
2/16/2021	135	217	178
2/17/2021	148	228	193
2/18/2021	147	257	204
2/19/2021	151	220	189
2/20/2021	170	219	190
2/21/2021	167	212	189
2/22/2021	143	224	186
2/23/2021	135	216	177
2/24/2021	148	215	184
2/25/2021	144	225	187
2/26/2021	134	234	187
2/27/2021	132	249	191
2/28/2021	141	271	202



Date	Valley	Peak	Avg
2/1/2020	145	216	184
2/2/2020	173	222	197
2/3/2020	173	256	200
2/4/2020	153	227	189
2/5/2020	139	229	186
2/6/2020	138	254	195
2/7/2020	123	214	173
2/8/2020	172	232	194
2/9/2020	163	210	184
2/10/2020	136	231	184
2/11/2020	132	248	194
2/12/2020	141	261	204
2/13/2020	142	260	205
2/14/2020	138	207	177
2/15/2020	154	197	175
2/16/2020	138	207	173
2/17/2020	132	225	181
2/18/2020	134	254	199
2/19/2020	141	250	199
2/20/2020	140	231	187
2/21/2020	138	260	211
2/22/2020	176	268	218
2/23/2020	165	215	190
2/24/2020	138	222	181
2/25/2020	133	219	182
2/26/2020	134	217	180
2/27/2020	146	236	194
2/28/2020	178	284	214
2/29/2020	164	221	190



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

1. Deerhaven Generating Station (DH):
 - a. Deerhaven Unit #1 is currently de-rated from 78MW to 56MW due to pluggage in the natural gas supply line from Florida Gas Transmission (FGT). This pluggage has been a reoccurring problem we have been investigating for long term resolution, and at this time we have confirmed the main element is sulfur.
 - i. We are in parallel planning and Short Duration Outage (SDO) on 3/4/2021 to address cleaning of the filters to restore load currently de-rated.
 - b. Deerhaven Unit #1 (DH1) we are currently still working with OEM (Siemens) on the reduced scope full quote for the Turbine and Generator life time assessment to be executed in spring of 2022. Budgetary estimated for this lifetime assessment and outage are in the FY2022 budget submittals.
 - c. Deerhaven Unit #2: The Deerhaven Unit #2 first outage (Phase 1 of 2) for Retrofit to 100% natural gas was completed on 1/20/2021. Phase 2 preparations are in progress and will begin once JRK Combined Cycle Unit is fully restored and reliable.
2. Kelly Generating Station (JRK):
 - a. The extended outage for Unit #8 Turbine & Generator replacement, and CT4 Gas Turbine Major Inspection began 1/25/2021. The CT4 outage work is on track schedule and budget wise, and will run through 4/5/2021. The Unit #8 outage has experienced a delay associated with the removal of the old generator casing and stator. This is an approximate 180,000 lb lift that requires shoring of the deck below that is being installed. As of right now we are seeing about a week impact to this outage that was originally scheduled to complete 5/3/2021. Working on impacts to outage completion date once generator casing removed. Note that once Unit #8 is restored we will require another 7 to 14 days to balance turbine, tune unit and complete commissioning of new unit.
3. South Energy Center (SEC):
 - a. Wartsila engine will execute their 34000 hour outage in mid-March, and this is one of our 2000 hour interval outages required for the engine. Exact date not sent yet.
4. System Control (SC) at EOC Building #8:
 - a. During week of 2/15/2021 most of the US was impacted by the natural gas curtailment across the country due to weather. GRU during this time had all of our Power Generating Units shifted to either solid or liquid fuels for 4 days (2/17-2/21/2021) to mitigate the impact to customers for power. LDC Natural gas needs were met with cost up to \$24 per therm.
 - i. GRU overall experience some gas monetary penalties during this time, however our sales significantly outweighed the penalties experienced.

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			
Total				0.00			

Notes:

1. No coal purchased in FY21 - 1QTR.

**Gainesville Regional Utilities
Solar PPA Status Report
Report Period: February 2021**

GRU Scope:

Milestone	Expected Completion Date	Status	Notes
Grid Interconnection Studies	2/2021	Complete	Complete
Grid Interconnection Agreement	4/2021	Pending	Internal review of draft interconnection agreement. This date has been deferred 4-6 weeks with no overall project schedule impact
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: February 2021

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 ¹	Expected / Completion Date ^{2, 3}	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	Revision under discussion
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.
- Jan 2021: Seller made minor adjustments to the preliminary draft layout of the solar facility to avoid and minimize potential impacts to neighboring properties. Additional studies were performed to support county-level permitting.
- Feb 2021: All studies to support county permitting were completed prior to the Planning Commission hearing held on February 17, 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.
- Jan 2021: None.
- Feb 2021: 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.
- Jan 2021: Interconnection technical teams continued regular coordination, including discussion of the Grid Tie Solar Stability Study Draft Report. Seller awaits comments on the discussion draft generator interconnection agreement.
- Feb 2021: Due to ongoing technical discussions and Buyer's review of the interconnection agreement, a modest revision to the milestone date for "Interconnection Agreement (IA) Execution" is under discussion. At this time, parties anticipate this revision will not delay other milestones.
- **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.
 - Jan 2021: None.
 - Feb 2021: 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.
- Jan 2021: Alachua County staff continued their review of SE application ZX-01-21. The project will appear before the Alachua County Planning Commission on February 17, 2021.
- Feb 2021: The project was recommended for approval by the Alachua County Planning Commission on February 17, 2021. Seller anticipates appearing before the Board of County Commissioners on March 23, 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.
 - Jan 2021: None.
 - Feb 2021: 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.
 - Jan 2021: No change.
 - Feb2021: 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.
 - Jan 2021: None.
 - Feb 2021: 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.
 - Jan 2021: No change.
 - Feb 2021: 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.
 - Jan 2021: None.
 - Feb 2021: 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: The application to Alachua County for Special Exception was submitted on November 30, 2020.
 - Dec 2020: None.
 - Jan 2021: The project will appear before the Alachua County Planning Commission on February 17, 2021.
 - Feb 2021: The project anticipates appearing before the Alachua County Planning Commission on March 23, 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.

- Jan 2021: None.
- Feb 2021: 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.
 - Jan 2021: No change.
 - Feb 2021: 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.
 - Jan 2021: None.
 - Feb 2021: 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-Mar-21 JT

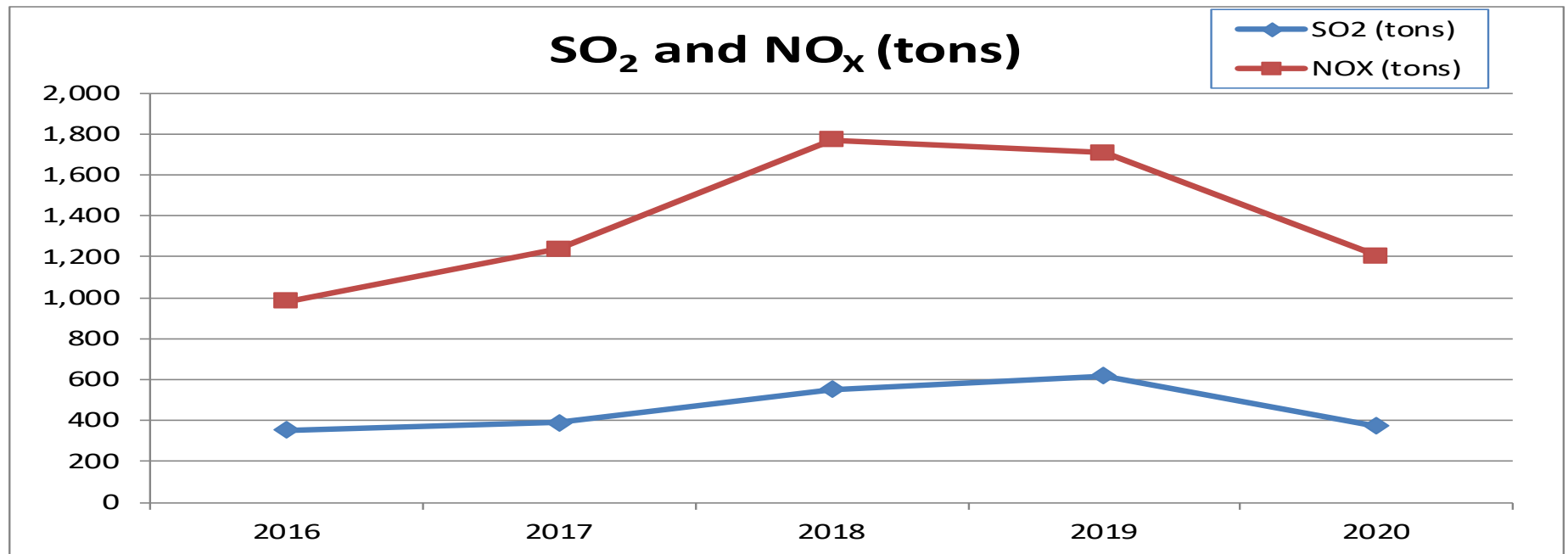
ENVIRONMENTAL PERMITTING

EMISSIONS DATA

Yearly Emissions

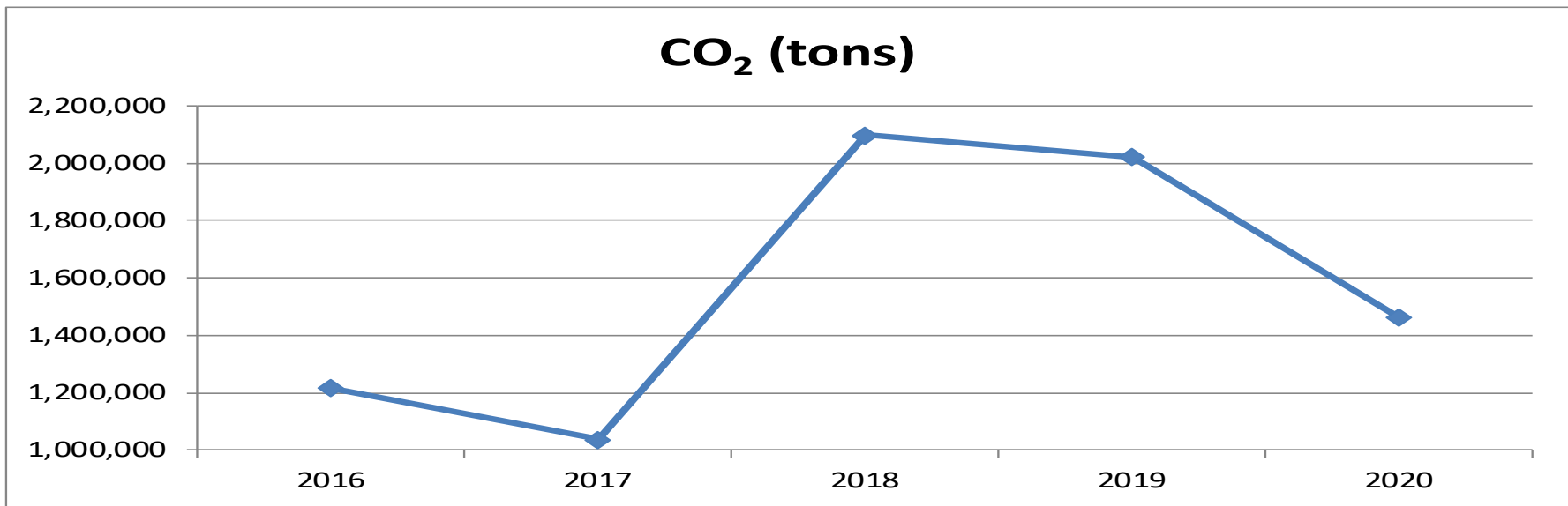
	SO ₂ (tons)	NO _x (tons)	Mercury (lbs)	PM (tons)	CO ₂ (tons)
2016	354	984	2.92	61	1,216,690
2017	389	1,239	2.40	52	1,037,711
2018	551	1,770	3.80	55	2,096,289
2019	618	1,707	5.30	49	2,020,310
2020	372	1,203	3.14	56	1,462,622
2021 (thru Feb.)	154	245	0.67	11.6	314,397

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

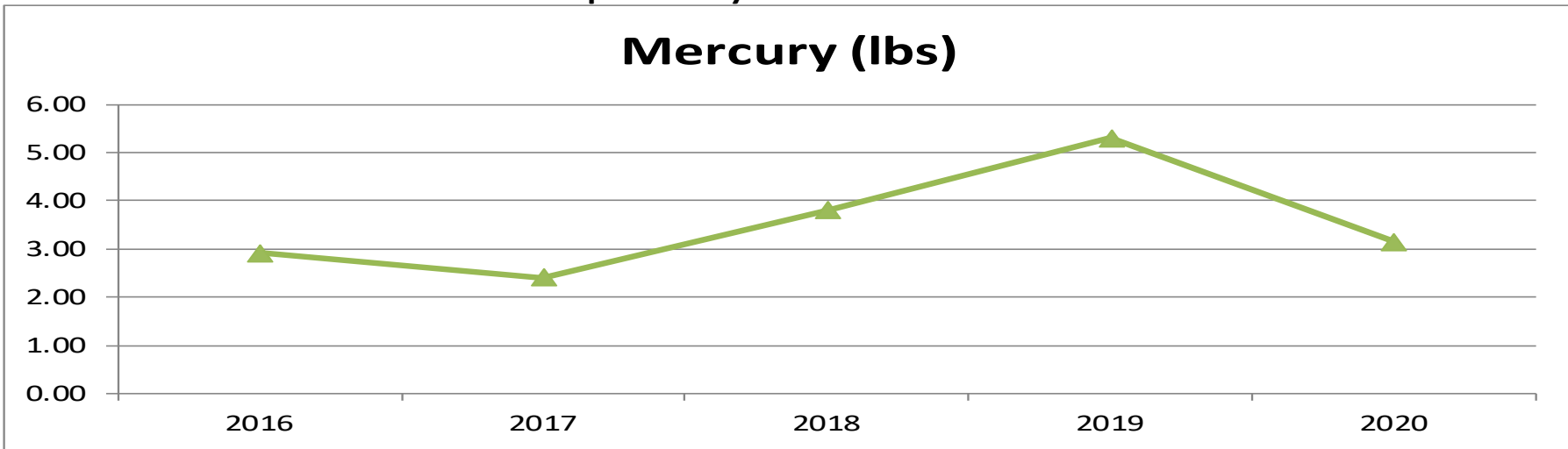


SO₂ was lower in 2015, 2016, and 2017 due to higher removal rate settings to assure compliance with NO_x was higher in 2016 since it was more cost effective to use allowances than increase SCR removal 2018 and later data include DHR. The previous years did not include DHR.

Yearly Emissions

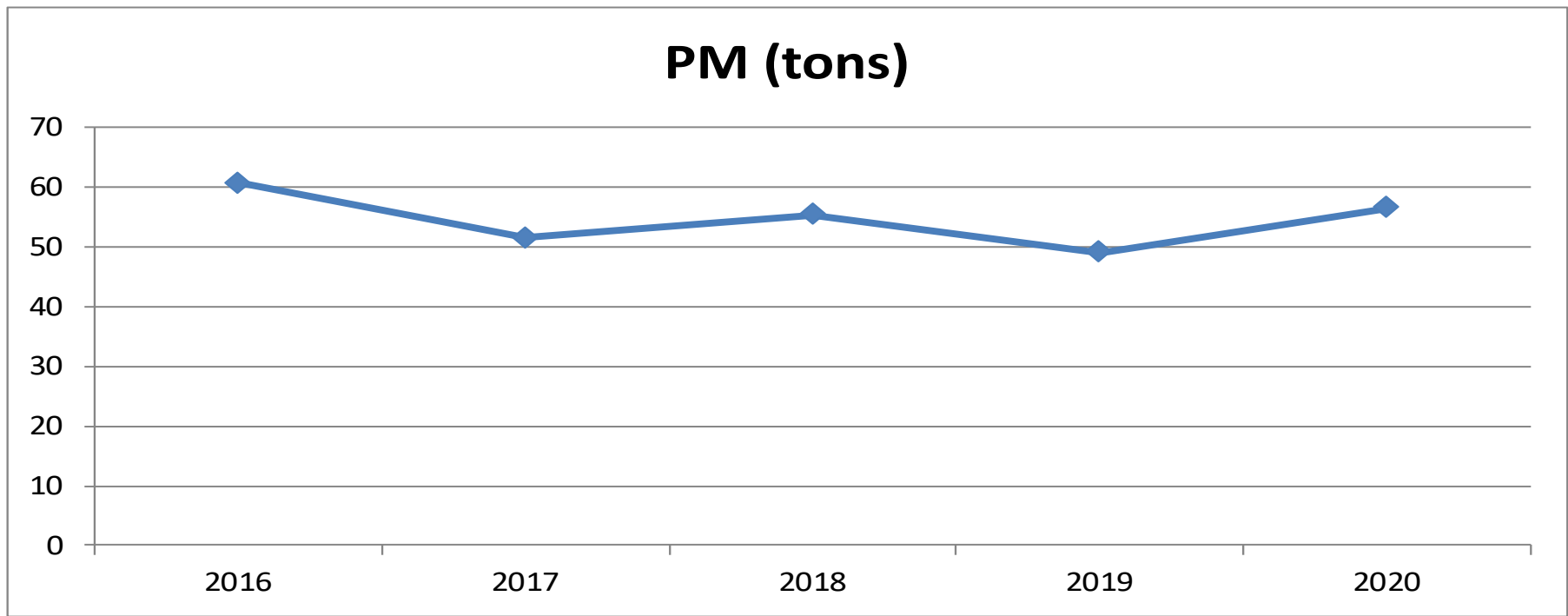


2018 and later data include DHR. The previous years did not include DHR.



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

Yearly Emissions



YTD - 2021 February

	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	49.8	41.6			32,769.5			541,279.0	44,716.0
DH2	101.1	147.5	0.67	11.6	83,770.0			914,714.0	93,579.0
DHCT3	0.0	0.2			760.6			12,799.0	436.0
JRKCC1	0.2	7.8			30,750.3			517,435.1	58,898.0
DHR	3.0	47.9			166,346.9			1,594,187.6	118,554.0
TOTAL	154.1	245.0	0.67	11.6	314,397.3			3,580,414.7	316,183.0

2021 - February

	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	49.7	19.5			14,424.4			232,583.0	19,151.0
DH2	85.6	128.9	0.52	10.0	70,983.3			762,433.0	76,746.0
DHCT3	0.0	0.1			479.2			8,063.0	278.0
JRKCC1	0.0	0.0			0.0			0.0	0.0
DHR	1.5	25.5			88,209.6			845,115.9	63,345.0
TOTAL	136.8	174.0	0.52	10.0	174,096.5			1,848,194.9	159,520.0

WATER/WASTEWATER

PRODUCTION

MAINTENANCE

Water/Wastewater Feb 2021 Dashboard

Production						
Murphree Water Treatment Plant						
		Feb 21	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	20.6	22.5	30	75%	
	Peak Daily Flow	22.6	24.5	54	45%	
Main Street Water Reclamation Facility						
		Feb 21	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	6.20	5.64	7.5	75%	
Kanapaha Water Reclamation Facility						
		Feb 21	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	12.1	11.5	14.9	77%	
Water Reclamation Facilities (Combined)						
		Feb 21	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	18.3	17.1	22.4	77%	
Maintenance						
Wastewater Collections						
		Feb 2021 (Miles)	FYTD	Monthly Goal (miles)		
	Miles of gravity mains cleaned	7.71	43.31	5.0		
	Miles of gravity mains TV inspected	6.88	37.13	5.0		
Water Distribution						
		Feb 2021	FYTD	Monthly Goal		
	Number of Water Services Replaced	121	406	75		
SSO Monthly Summary						
		Feb 2021	YTD	GOAL (annual)		
	Sanitary Sewer Overflows	5	17	<22		

Major Projects and Other Updates

MSWRF Progressive Design Build -Master lift station DRAFT technical memorandum delivered for review. Backup power workshop to be held next week.

KWRF Hypochlorite Skid Replacement Project: Skids installed, pumps will be tested next week. Waiting on control integration for completion.

Duck Pond Water Main Rehabilitation - Paving work has begun - final phase of project

Eastside Force Main - Contractor working on piping connections to pipe installed by GRU. System being tested to prepare for placing in service. Tying into 20-inch FM tie-in at bore#6. New FM pipe installed by contractor being cleaned (pigged) and pressure tested.

Parker Rd Wetland Land Purchase: Real Estate purchase closed on Thursday, Jan 28th.

NW 34th St - FDOT relocation work for roadway: FM relocation - 1800 block, line stops and bypass piping in place - pipe relocation underway.