

STATE OF THE UTILITY

March 2021

Item #201219

ACRONYM KEY

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

ENVIRONMENTAL

REGULATORY

PERSONNEL

March 2021

Safety

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

Employees

First Aid	Year to Date Recordable	DART
0	0	0
3	2	1
0	0	0
0	6	3
0	0	0
	8	

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

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

Vehicles

Miles Driven*	Year to Date Recordable	Preventable
24,932	0	0
239,889	3	2
1,224	0	0
434,594	3	2
26,581	0	0
727,220	6	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)	77,811
NO _x (tons)	126
SO ₂ (tons)	48

225,731
323
169

DH Unit 2 (only)

PM _{FILT} (tons)	7
Hg (lbs)	0.50

19
1.20

DHR

CO ₂ (tons)	79,096
NO _x (tons)	23
SO ₂ (tons)	1

245,443
71
4

Regulatory

NERC

Notice of Violations

Self Reports/Potential Violations

0
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 (February)
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	107.50	10.75	16.00
Energy Delivery	264.00	249.00	15.00	15.00
Energy Supply	183.00	162.00	21.00	22.00
Energy Supply - District Energy	11.00	10.00	1.00	1.00
Finance	42.00	30.75	11.25	11.25
GRUCom	38.00	31.00	7.00	10.00
Information Technology	71.00	66.00	5.00	5.00
Water Wastewater	169.00	158.00	11.00	8.00
Grand Total	932.25	848.25	84.00	90.25

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 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

- 3/22/2021 – Walking to an electric meter, the employee's left foot was punctured by two nails sticking through a board that was stepped on.

APRIL

- 4/3/2021 – While walking down the stairs, he fell, but caught himself, causing a back strain.
- 4/14/2021 – When cutting down a tree, as the tree fell, an attached vine caught the chain saw and brought it to his leg, causing a laceration.

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
4/13/2021 (FY2019)	35 Cyber Assets were delayed in being included under GRU's Critical Infrastructure Protection (CIP) program

Potential violations (Pending regulatory agency determination)

<u>Report date</u>	<u>Description</u>
4/16/2020 (FY2020)	Failure to update baseline documents within 30 days of a change to a cyber asset

CUSTOMER SUPPORT SERVICES

Customer Operations

New Services

Revenue Assurance

Customer Operations Metrics Summary March 2021

Active Accounts	Mar-21	YTD Gain/Loss	FY20
<i>Residential Contract Accounts</i>			
Total	70,418	(23,447)	93,865
Electric	0	(86,731)	86,731
Gas	64,367	30,162	34,205
Water	94,287	30,058	64,229
Wastewater	87,061	27,027	60,034
Telecomm	60,077	59,990	87

New Installations	Mar-21	FY21 To Date	FY20
Electric	152	920	2430
Gas	70	504	558
Water	82	372	744
Wastewater	84	393	667
Telecomm	0	18	131

Call Center Volume	Mar-21	FY21 To Date	FY20
Residential ASA	0:08:27	0:18:33	0:03:41
Business ASA	0:02:11	0:03:27	0:02:27
CSR Calls	16,690	104,383	188,834
CSR Callbacks	2,204	25,288	12,488
IVR Self Service	13,085	90,099	201,731
Total	31,979	219,770	403,053
IVR/Total	41%	41%	50%

Bills Generated	Mar-21	FY21 To Date	FY20
Paper Bills	118,519	587,588	1,301,286
eBills	23,496	119,028	237,475
Total	142,015	706,616	1,538,761
eBill/Total	17%	17%	15%

Payment Arrangements	Mar-21	FY21 To Date	FY20
Total	690	5,758	7,129

Customer Experience	Mar-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	Mar-21	YTD Gain/Loss	FY20
<i>Nonresidential Contract Accounts</i>			
Total	159	(13,461)	13,620
Electric	0	(11,032)	11,032
Gas	5,907	4,241	1,666
Water	13,202	7,291	5,911
Wastewater	11,031	6,359	4,672
Telecomm	4,669	4,266	403

Residential Disconnects	Mar-21	FY21 To Date	FY20
Volume	30	7,987	7,791
Average Balance	\$600.00	\$248.90	\$175.34

Revenue Assurance	Mar-21	FY21 To Date	FY20
Referred to Collections	\$165,969.69	\$1,304,121.05	\$1,495,829.79
Recovered	\$159,495.88	\$581,582.54	\$804,667.00

Service Orders	Mar-21	FY21 To Date	FY20
Move Ins	7,703	43,703	106,868
Move Outs	7,788	42,674	106,929

Average Res Bill Amounts	Mar-21	FY21 To Date	FY20
Electric (kWh)	619	747	830
Electric (\$)	\$93.07	\$110.22	\$124.21
Gas (Therms)	26	29	18
Gas (\$)	\$39.48	\$43.05	\$32.65
Water (kGals)	4	5	5
Water (\$)	\$27.42	\$29.16	\$31.49
Wastewater (kGals)	4	4	5
Wastewater(\$)	\$35.95	\$37.73	\$37.67

Annual Relationship	Mar-21	FY21 To Date	FY20
Overall CSAT	3.40	3.40	N/A
Number of Responses	8,719	25,484	N/A
Number of Surveys Sent	52,363	52,363	N/A
Response Rate	17%	49%	N/A

ENERGY DELIVERY

System Consumption

System Reliability

Major Projects – Electric & Gas

ENERGY DELIVERY - UAB REPORT - MARCH 2021

Durations Reliability Report Between 03/01/2021 and 03/31/2021

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)	99.9936%	
Total Hours of Customer Demand	74,353,872	System Average Interruption Duration Index (SAIDI)	2.86	4.5
Total Number of Outages	41	Customer Average Interruption Duration Index (CAIDI)	71.09	60
Total Number of Customers Affected (CI)	4,022	System Average Interruption Frequency Index (SAIFI)	0.04	0.08
Total Customer Minutes Interrupted (CMI)	285,923			
Total Customer "Out Minutes"	3,930	Average Length of a Service Interruption (L-Bar)	95.85 Mins	

Cause of Outages				
Cause	Overhead	Underground	Both	Total
0. Undetermined	3	0	0	3
1. Weather	2	0	0	2
2. Vegetation	14	1	0	15
3. Animals	5	2	0	7
4. Foreign Interference	0	0	0	0
5. Human Cause	3	0	0	3
6. Equipment Failure	1	9	1	11
7. All Remaining Outages	0	0	0	0
Total	28	12	1	41

Durations Reliability Report Between 01/01/2021 and 03/31/2021*

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)	99.9944%	
Total Hours of Customer Demand	215,866,080	System Average Interruption Duration Index (SAIDI)	7.3	13.5
Total Number of Outages	146	Customer Average Interruption Duration Index (CAIDI)	68.84	60
Total Number of Customers Affected (CI)	10,604	System average Interruption Frequency Index (SAIFI)	0.11	0.24
Total Customer Minutes Interrupted (CMI)	729,957			
Total Customer "Out Minutes"	14,852	Average Length of a Service Interruption (L-Bar)	101.73 Mins	

ENERGY DELIVERY - UAB REPORT - MARCH 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 - MARCH 2021

Electric System Consumption

	2021		2020	
	CONSUMPTION	CUSTOMERS	CONSUMPTION	CUSTOMERS
Feed-In-Tariff - Residential	56 KWH	100	- 24 KWH	105
Feed-In-Tariff - General Service	2,951 KWH	158	2,166 KWH	159
Electric - GS - Demand - Regular	38,390,264 KWH	1,142	42,812,848 KWH	1,243
Electric - General Service Demand PV	866,745 KWH	21	1,101,915 KWH	24
Electric - GS - Kanapaha w Curtail Cr	1,036,800 KWH	1	1,051,200 KWH	1
Electric - GS - Demand - Large Power	7,150,640 KWH	8	6,318,000 KWH	6
Electric - GS - Murphree Curtail Credit	1,171,200 KWH	1	1,329,600 KWH	1
Electric - GS Large Demand PV	3,460,800 KWH	2	3,312,000 KWH	2
Electric - GS - Non Demand	11,745,749 KWH	9,966	13,674,899 KWH	10,551
Electric - General Service PV	101,653 KWH	79	113,715 KWH	80
Electric - Lighting - Rental	929,627 KWH	3,905 n	959,696 KWH	3,972 n
Electric - Lighting - Street - City	876,139 KWH	13 n	1,304,820 KWH	12 n
Electric - Lighting - Street - County	261,881 KWH	2 n	262,373 KWH	2 n
Electric - Lighting - Traffic	2,725 KWH	2	4,542 KWH	2 n
Electric - Residential - Non TOU	52,680,825 KWH	88,544	58,945,415 KWH	94,186
Electric - Residential PV	205,121 KWH	576	179,278 KWH	452
Total Retail Electric	118,883,176 KWH	100,600	131,372,443 KWH	106,810
(n =not included in total customer count)				
City of Alachua	9,900,575 KWH	20,539 KW	10,080,000 KWH	21,251 KW
Total (Native) Electric	128,783,751 KWH		141,452,443 KWH	

Gas System Consumption

	2021		2020	
	CONSUMPTION	CUSTOMERS	CONSUMPTION	CUSTOMERS
Gas - GS - Regular Service (Firm)	762,813 THM	1,362	874,332 THM	1,528
Gas - GS - Regular Service (Small)	12,549 THM	326	14,068 THM	346
Gas - GS - Interruptible - Regular Serv	39,614 THM	1	16,015 THM	1
Gas - GS - Interruptible - Large Volume	368,857 THM	6	384,696 THM	7
Gas - Residential - Regular Service	858,218 THM	34,811	968,082 THM	35,284
Total Retail Gas	2,042,051 THM	36,506	2,257,193 THM	37,166
Gas - GS - UF Cogeneration Plant	3,180,528 THM	1	2,907,780 THM	1
Gas - Residential - LP - Basic Rate	4,656 GAL	202	4,698 GAL	201

ENERGY DELIVERY - UAB REPORT - MARCH 2021

Energy Delivery - Major Projects

Major Electric Design Projects

- > Serenola Main Line Improvements
- > Haile Plantation Direct Buried Main Line Improvement (Multiple Segments)
- > FEMA Messenger Cable Removal
- > The Mark - 100 unit 6 story development
- > New Feeder out of McMichen Substation

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

March 2021

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
48,765	271,336	132,052	139,284
26,098	122,219	36,152	86,067
84	245,092	241,186	3,906
4,440	4,633	275	4,358
(18,043)	7,226	141,415	(134,189)
47,329	188,263	296,511	(108,248)

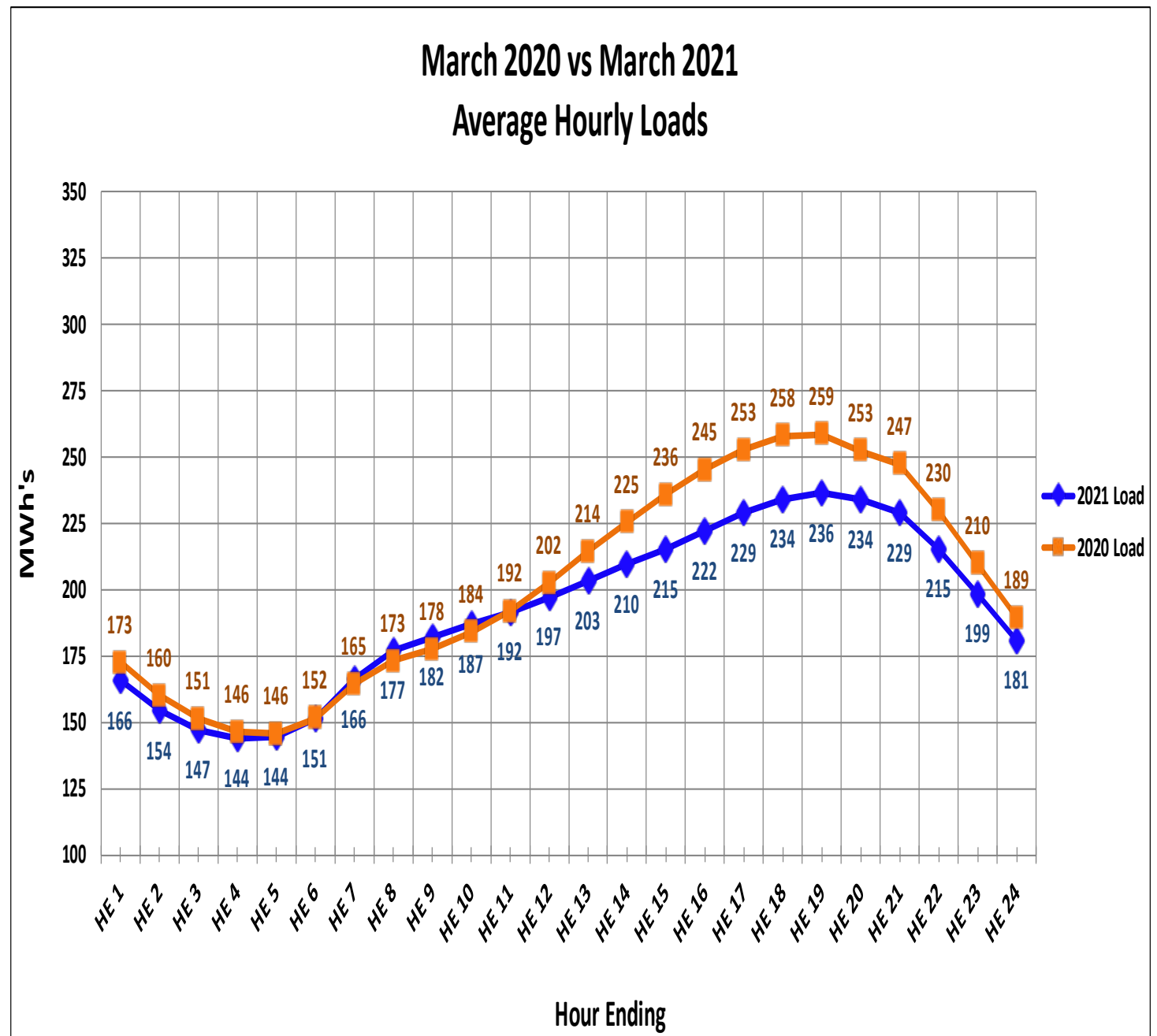
Fuels Consumed

	Month	FYTD	Budget YTD	Delta Budget
Coal - Tons	13,627.76	82,197.33	67,660.00	14,537.33
Gas - MCF	712,705.41	5,280,290.49	3,323,902.94	1,956,387.55
Fuel oil - Gals	0	189,931.70	0	189,931.70
Biomass - Tons	62,617.12	198,344.82	399,730.00	-201,385.18

Availability/Capacity

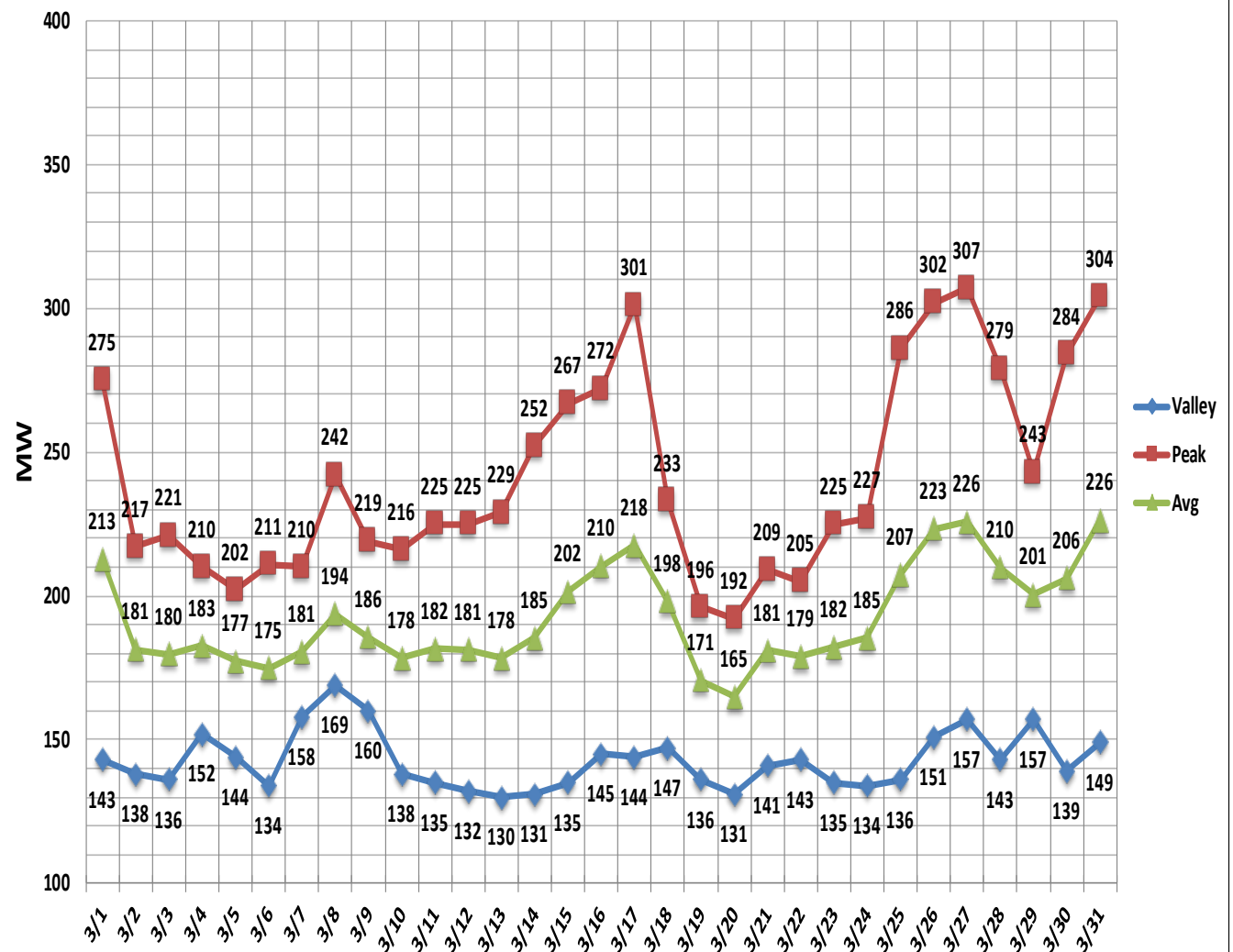
	Availability			Capacity		
	Month	FY 2021 YTD	FY 2020 YTD	Month	FY 2021 YTD	FY 2020 YTD
DH-2	91.17%	85.60%	79.84%	31.27%	29.80%	13.44%
DH-1	97.98%	98.60%	91.96%	47.61%	39.09%	33.48%
Kelly CC	0.00%	61.80%	94.14%	0.00%	50.64%	85.89%
DH CT-1	82.77%	95.80%	97.40%	0.00%	0.20%	0.24%
DH CT-2	100.00%	94.12%	96.83%	0.48%	0.19%	0.23%
DH CT-3	100.00%	99.87%	99.59%	8.28%	1.47%	1.82%
DHR	100.00%	63.90%	89.14%	65.06%	44.45%	51.77%

March Average Hourly Loads		
Hour Ending	2020 Load	2021 Load
HE 1	173	166
HE 2	160	154
HE 3	151	147
HE 4	146	144
HE 5	146	144
HE 6	152	151
HE 7	165	166
HE 8	173	177
HE 9	178	182
HE 10	184	187
HE 11	192	192
HE 12	202	197
HE 13	214	203
HE 14	225	210
HE 15	236	215
HE 16	245	222
HE 17	253	229
HE 18	258	234
HE 19	259	236
HE 20	253	234
HE 21	247	229
HE 22	230	215
HE 23	210	199
HE 24	189	181

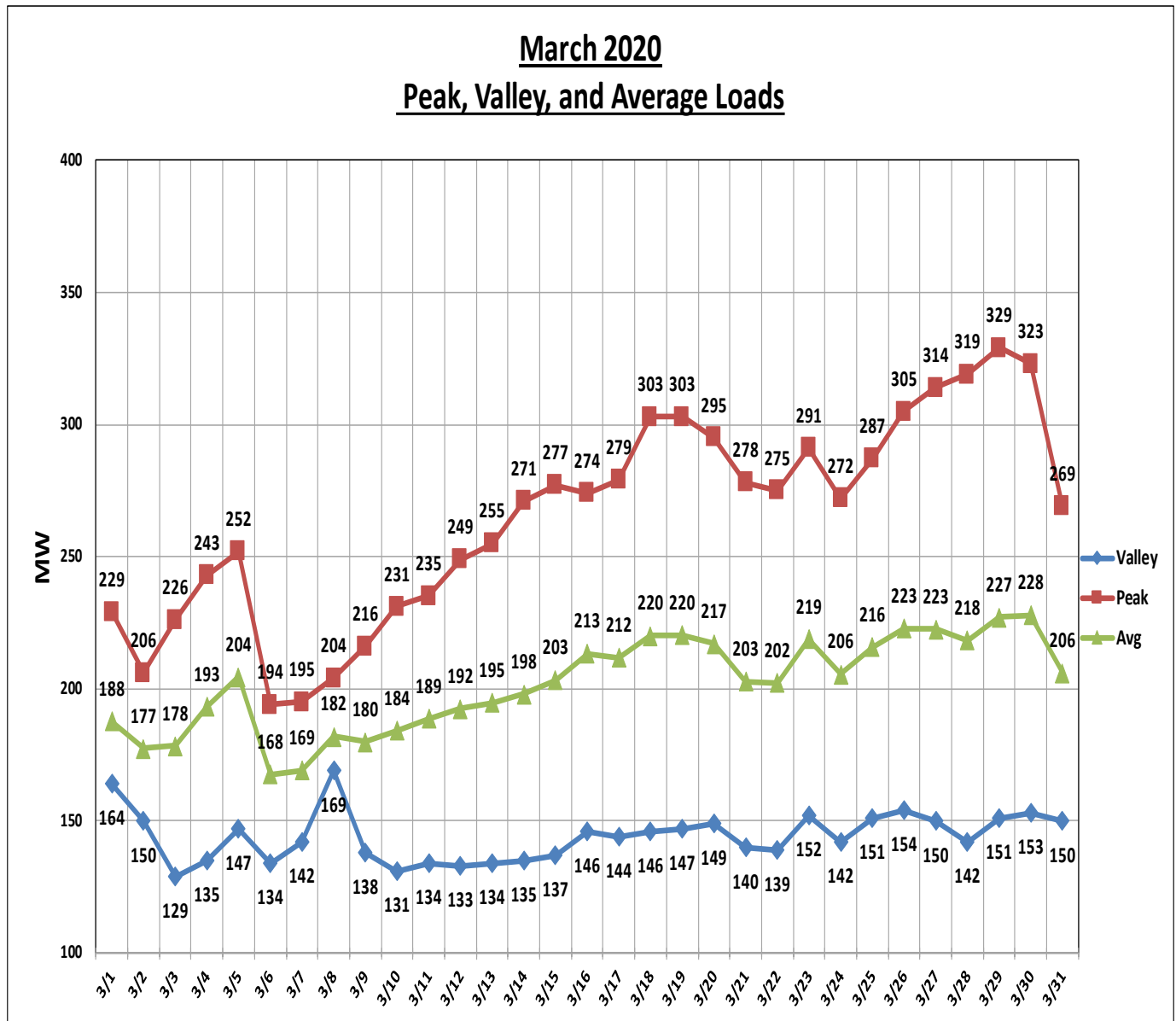


Date	Valley	Peak	Avg
3/1/2021	143	275	213
3/2/2021	138	217	181
3/3/2021	136	221	180
3/4/2021	152	210	183
3/5/2021	144	202	177
3/6/2021	134	211	175
3/7/2021	158	210	181
3/8/2021	169	242	194
3/9/2021	160	219	186
3/10/2021	138	216	178
3/11/2021	135	225	182
3/12/2021	132	225	181
3/13/2021	130	229	178
3/14/2021	131	252	185
3/15/2021	135	267	202
3/16/2021	145	272	210
3/17/2021	144	301	218
3/18/2021	147	233	198
3/19/2021	136	196	171
3/20/2021	131	192	165
3/21/2021	141	209	181
3/22/2021	143	205	179
3/23/2021	135	225	182
3/24/2021	134	227	185
3/25/2021	136	286	207
3/26/2021	151	302	223
3/27/2021	157	307	226
3/28/2021	143	279	210
3/29/2021	157	243	201
3/30/2021	139	284	206
3/31/2021	149	304	226

March 2021
Peak, Valley, and Average Loads



Date	Valley	Peak	Avg
3/1/2020	164	229	188
3/2/2020	150	206	177
3/3/2020	129	226	178
3/4/2020	135	243	193
3/5/2020	147	252	204
3/6/2020	134	194	168
3/7/2020	142	195	169
3/8/2020	169	204	182
3/9/2020	138	216	180
3/10/2020	131	231	184
3/11/2020	134	235	189
3/12/2020	133	249	192
3/13/2020	134	255	195
3/14/2020	135	271	198
3/15/2020	137	277	203
3/16/2020	146	274	213
3/17/2020	144	279	212
3/18/2020	146	303	220
3/19/2020	147	303	220
3/20/2020	149	295	217
3/21/2020	140	278	203
3/22/2020	139	275	202
3/23/2020	152	291	219
3/24/2020	142	272	206
3/25/2020	151	287	216
3/26/2020	154	305	223
3/27/2020	150	314	223
3/28/2020	142	319	218
3/29/2020	151	329	227
3/30/2020	153	323	228
3/31/2020	150	269	206



Date: As of April 3, 2021: Major Energy Supply Projects/Milestones Updates:

1. Deerhaven Generating Station (DH):
 - a. 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 we are looking for a 6 day outage in mid May to complete the phase 2, which is the scope of tie in the natural gas lines and the associated electrical controls. Following phase 2 the actual commissioning will begin in early June.
 - b. Deerhaven Unit #1 is currently de-rated from 78MWg to 76 MWg 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.
 - c. Deerhaven Unit #1 (DH1) we are currently still working with OEM (Siemens), and a second vendor (MD&A) 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.
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 progressing with some delays due to COVID19, TX weather incident and minor discovery work. Currently scheduled to return to service 5/3/2021. The Unit #8 outage has experienced significant delays 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 3 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 approximate 14 days to balance turbine, tune unit and complete commissioning of the new unit.
3. South Energy Center (SEC):
 - a. Wartsila engine 34000 hour planned outage was completed in early March.

City Commission - FY21 - 2QTR Coal Sourcing Report

Month Coal Delivered	Coal Supplier(s)	Mine	Tons	Deep	MTR	Surface (No MTR)
Jan-21			0.00			
Feb-21			0.00			
Mar-21			0.00			
Total			0.00			

Notes:

1. No coal purchased in FY21 - 2QTR.

**Gainesville Regional Utilities
Solar PPA Status Report
Report Period: March 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 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: March 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	4/16/21*	Pending	Extended by mutual agreement
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.
- Mar 2021: Supplemental studies supporting county permitting were completed. A preliminary layout was developed.

• 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.

- Mar 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.
- Mar 2021: The parties agreed to extend the milestone schedule for the IA by six weeks. The technical team exchanged drafts of Appendix C and other documents.

• 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.
- Mar 2021: The extension of the IA milestone is not anticipated to affect the SCOD.

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 (BOCC) on March 23, 2021.
- Mar 2021: The FL Solar 6 team requested that Alachua County reschedule its appearance at the BOCC to perform notice readvertisement for the Planning Commission. Planning Commission is likely to be rescheduled to April 21, 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.
 - Mar 2021: Planning Commission is likely to be rescheduled for April 21, 2021. This delay is not anticipated to adversely affect SCOD.

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.
 - Feb 2021: No change.
 - Mar 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.
- Mar 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.
- Mar 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.
- Mar 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 Board of County Commissioners (BOCC) on March 23, 2021.
- Mar 2021: Due to the issues described in sections above, the project anticipates reappearing before the Planning Commission on April 21, 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.
 - Mar 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.
 - Mar 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.
 - Mar 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: 31-Mar-21 JT

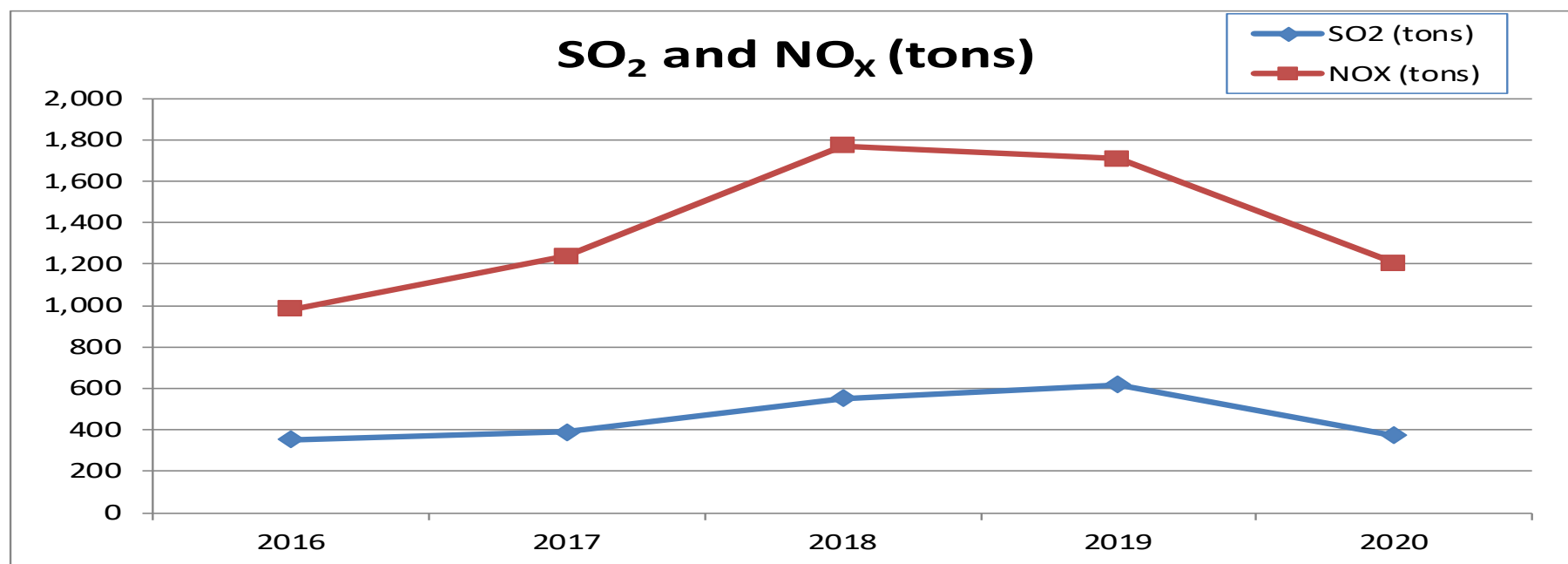
ENVIRONMENTAL PERMITTING

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 Mar.)	173	394	1.20	19.0	471,173

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

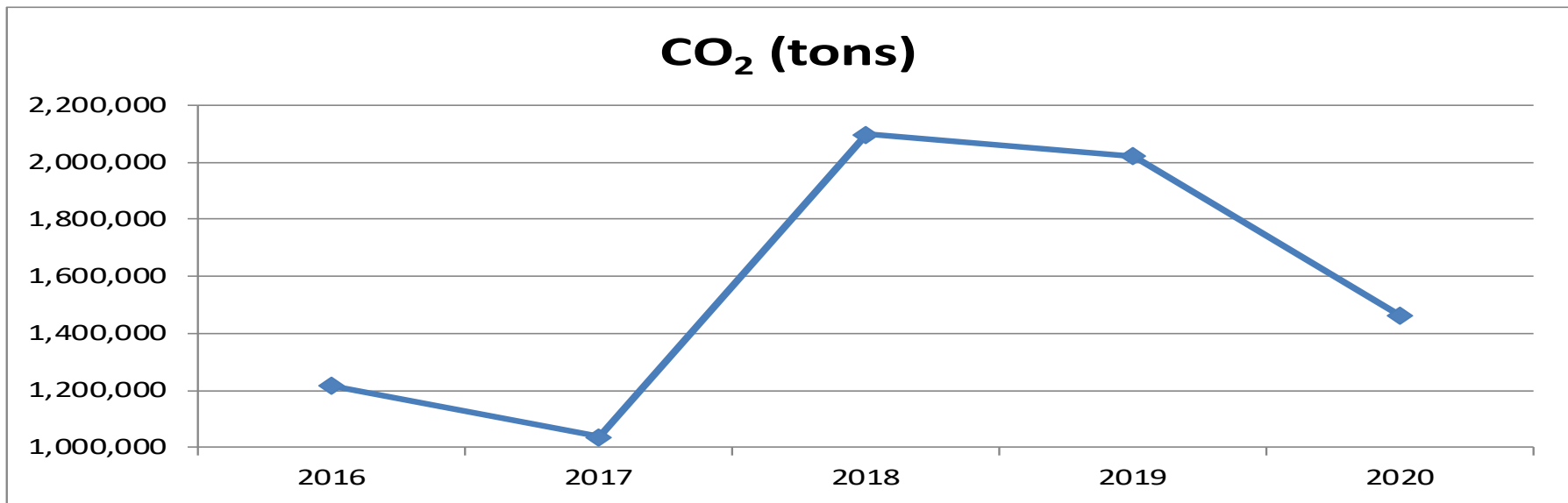


SO₂ was lower in 2015, 2016, and 2017 due to higher removal rate settings to assure compliance with the MATS Rule.

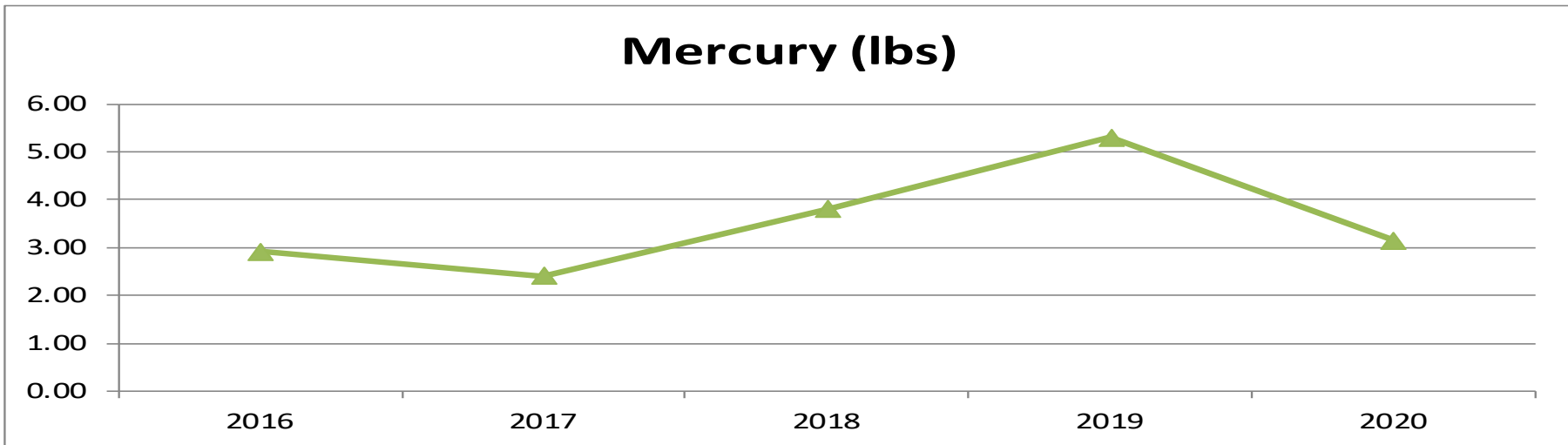
NO_x was higher in 2016 since it was more cost effective to use allowances than increase SCR removal rate. NO_x was higher in 2017 since the Cross State Rule was no longer in effect for Florida.

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

Yearly Emissions

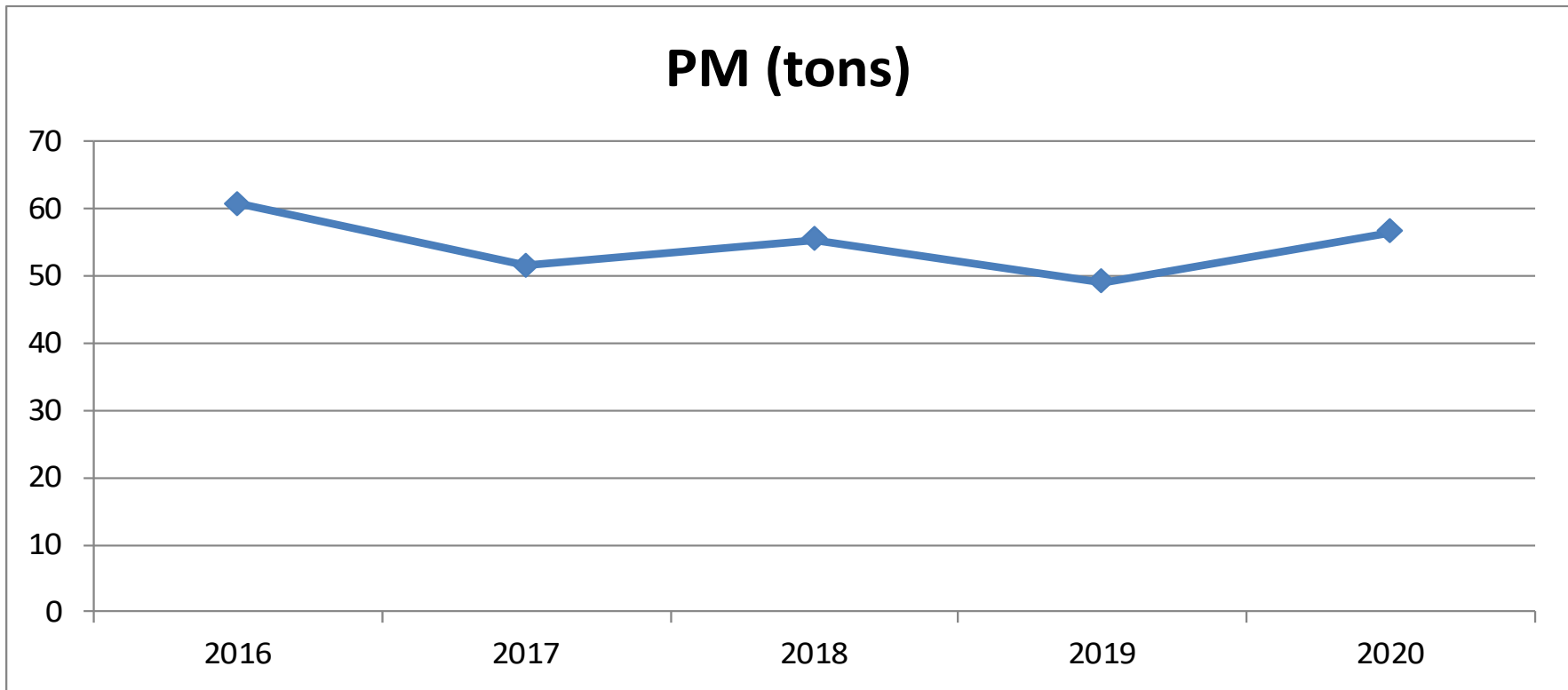


2018 and later data include DHR. The previous years did not include DHR.



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

Yearly Emissions



YTD - 2021 March

	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	19.6	66.3			52,385.1			871,932.0	72,866.0
DH2	148.7	247.5	1.20	19.0	134,715.2			1,517,379.0	151,588.0
DHCT3	0.0	1.7			7,880.0			132,624.0	5,126.0
JRKCC1	0.2	7.8			30,750.3			517,435.1	58,898.0
DHR	4.4	70.7			245,442.8			2,353,750.6	173,742.0
TOTAL	172.9	394.0	1.20	19.0	471,173.4			5,393,120.7	462,220.0

2021 - March

	SO ₂ (tons)	NO _x (tons)	Mercury (lbs)	PM (tons)	CO ₂ (tons)	SO ₂ Rate (lb/MMBtu)	NO _x Rate (lb/MMBtu)	HTIP (MMBtu)	GEN (MW-hours)
DH1	0.1	24.9			19,745.3			332,252.0	28,150.0
DH2	47.6	100.0	0.53	7.4	50,945.2			602,665.0	58,039.0
DHCT3	0.0	1.5			7,120.0			119,825.0	4,690.0
JRKCC1	0.0	0.0			0.0			0.0	0.0
DHR	1.4	22.8			79,095.9			758,563.0	55,233.0
TOTAL	49.1	149.2	0.53	7.4	156,906.4			1,813,305.0	146,112.0

WATER/WASTEWATER

PRODUCTION

MAINTENANCE

Water/Wastewater Mar 2021 Dashboard

Production						
Murphree Water Treatment Plant						
		Mar 21	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	26.7	23.2	30	77%	
	Peak Daily Flow	26.4	24.8	54	46%	
Main Street Water Reclamation Facility						
		Mar 21	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	6.01	5.71	7.5	76%	
Kanapaha Water Reclamation Facility						
		Mar 21	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	11.8	11.5	14.9	77%	
Water Reclamation Facilities (Combined)						
		Mar 21	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	17.8	17.2	22.4	77%	
Maintenance						
Wastewater Collections						
		Mar 2021 (Miles)	FYTD	Monthly Goal (miles)		
	Miles of gravity mains cleaned	6.29	49.60	5.0		
	Miles of gravity mains TV inspected	7.13	44.26	5.0		
Water Distribution						
		Mar 2021	FYTD	Monthly Goal		
	Number of Water Services Replaced	197	603	75		
SSO Monthly Summary						
		Mar 2021	YTD	GOAL (annual)		
	Sanitary Sewer Overflows	1	18	<22		

Major Projects and Other Updates

MSWRF Progressive Design Build - Conducted site visits to other utilities with latest technologies and GRU staff have experienced all processes under consideration now. Workshop coming up on April 13 on process selection (critical decision). 21 workshops held - 33 workshops were planned - (12 more workshops planned); 15 tech memos delivered - 27 tech memos were planned - (12 more tech memos planned).

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 - New force main placed in service , contractor working to cut and cap old force main.

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

NW 34th St - FDOT relocation work for roadway: FM relocation -NW 34th St @ NW 33 Ln - completed installation of 16-in FM. Pressure testing and tie over next week.