

STATE OF THE UTILITY

June 2021

Item #210289

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

June 2021

Safety

	First Aid	Current Month Recordable	DART
Administration	1	0	0
W/WW Systems	2	2	1
Energy Supply	1	1	0
Energy Delivery - Electric/Gas	0	0	0
GRUCom	0	0	0
Totals		3	

Employees

	First Aid	Year to Date Recordable	DART
	3	0	
	5	6	3
	2	1	0
	1	6	3
	0	0	0
		13	

	Miles Driven*	Current Month Recordable	Preventable
Administration	7,688	0	0
W/WW Systems	51,169	1	1
Energy Supply	2,889	0	0
Energy Delivery - Electric/Gas	83,252	1	1
GRUCom	8,423	0	0
Totals	153,421	2	2

Vehicles

	Miles Driven*	Year to Date Recordable	Preventable
	68,999	0	0
	490,937	6	5
	13,558	0	0
	828,912	9	5
	52,368	0	0
	1,454,774	15	10

*Mileage data is for May, 2021. June mileage will be reported in the July report.

Mileage YTD through May 2021

Environmental

	Current Month
Notices of Violation	0
Emissions	
DH1, DH2, DHCT3, JRKCC1	
CO ₂ (tons)	86,031
NO _x (tons)	104
SO ₂ (tons)	40
DH Unit 2 (only)	
PM _{FILT} (tons)	4
Hg (lbs)	0.16
DHR	
CO ₂ (tons)	87,508
NO _x (tons)	25
SO ₂ (tons)	2

Calendar Year to Date

Notices of Violation	0
CO ₂ (tons)	479,827
NO _x (tons)	687
SO ₂ (tons)	309
PM _{FILT} (tons)	39
Hg (lbs)	2.09
CO ₂ (tons)	486,473
NO _x (tons)	141
SO ₂ (tons)	9

Regulatory

NERC	
Notice of Violations	1
Self Reports/Potential Violations	0

Fiscal Year to Date

Notice of Violations	5*
Self Reports/Potential Violations	1

*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 (May)
Administration	15.00	14.00	1.00	2.00
Chief Operating Officer	21.00	20.00	1.00	0.00
Customer Support Services	118.25	106.25	12.00	14.75
Energy Delivery	264.00	240.00	24.00	19.00
Energy Supply	182.00	164.00	18.00	20.00
Energy Supply - District Energy	12.00	11.00	1.00	1.00
Finance	42.00	32.75	9.25	10.25
GRUCom	38.00	33.00	5.00	5.00
Information Technology	71.00	66.00	5.00	5.00
Water Wastewater	169.00	161.00	8.00	10.00
Grand Total	932.25	848.00	84.25	87.00

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, an employee 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. (DART)

MAY

JUNE

- 6/2/21 - While climbing down off an excavator, he felt discomfort in his lower back which became worse.
- 6/12/21 - While doing house keeping employee tripped on palet with steel pate in hand. Smashed thumb between plate and floor.
- 6/22/21 - While walking to the ICE Tech shop, employee slipped in an area of mud and fell, straining her back.

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

- 4/14/2021 – While backing up from opening the gate for a contractor, the employee scraped the front bumper of a car parked just off the roadway with this right-side rear bumper. (P)
- 4/15/2021 – Employee was rear-ended by a private driver while waiting at a red-light in eastbound traffic. Both vehicles received minor damage.

MAY

- 5/11/21 - Employee backed into a car pulling into a parking lot scratching car wheel. (P)
- 5/19/21 - While pulling out from an apartment complex, our driver thought the oncoming lane was clear, but as another car came into view, our driver stopped. The citizen swerved to avoid and hit a curb in the median. (P)
- 5/20/21 - Employee was pulling out into heavy traffic when he thought he had an opening but struck a vehicle with his bumper causing damage. The employee did not give the other vehicle enough time to go by.(P)
- 5/25/21 - Employee was waiting in southbound outside lane when hit from behind by a private driver that failed to stop. Minor bumper damage was the result of the collision.
- 5/27/21 - Employee was rear ended while waiting in westbound traffic. Private party indicated that their brakes had failed. Bumper damage and minor body damage were the result of the collision.
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JUNE

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JULY

AUGUST

SEPTEMBER

End of FY 2021

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
6/29/2021	Over-generation per RC operating instruction. Clock-minute average of Reporting ACE exceeds clock-minute Balancing Authority ACE Limit (BAAL) for 34 consecutive clock-minutes (NERC allows up to 30 minutes)

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 June 2021

Active Accounts	Jun-21	YTD Gain/Loss	FY20
<i>Residential Contract Accounts</i>			
Total	94,738	873	93,865
Electric	87,394	663	86,731
Gas	34,649	444	34,205
Water	64,587	358	64,229
Wastewater	60,294	260	60,034
Telecomm	0	(87)	87

New Installations	Jun-21	FY21 To Date	FY20
Electric	125	1359	2430
Gas	46	640	558
Water	115	615	744
Wastewater	101	631	667
Telecomm	0	18	131

Call Center Volume	Jun-21	FY21 To Date	FY20
Residential ASA	0:08:20	0:13:54	0:03:41
Business ASA	0:02:48	0:03:03	0:02:27
CSR Calls	18,019	152,069	188,834
CSR Callbacks	3,048	28,880	12,488
IVR Self Service	20,682	130,253	201,731
Total	41,749	311,202	403,053
IVR/Total	50%	42%	50%

Bills Generated	Jun-21	FY21 To Date	FY20
Paper Bills	104,067	873,927	1,301,286
eBills	27,219	181,362	237,475
Total	131,286	1,055,289	1,538,761
eBill/Total	21%	17%	15%

Payment Arrangements	Jun-21	FY21 To Date	FY20
Total	540	7,210	7,129

Customer Experience	Jun-21	FY21 To Date	FY20
Overall CSAT	4.20	4.03	N/A
Number of Responses	206	1,573	N/A
Number of Surveys Sent	2,361	18,377	N/A
Response Rate	9%	9%	N/A

Active Accounts	Jun-21	YTD Gain/Loss	FY20
<i>Nonresidential Contract Accounts</i>			
Total	13,197	(423)	13,620
Electric	11,033	1	11,032
Gas	1,664	(2)	1,666
Water	5,914	3	5,911
Wastewater	4,675	3	4,672
Telecomm	0	(403)	403

Residential Disconnects	Jun-21	FY21 To Date	FY20
Volume	775	10,769	7,791
Average Balance	\$240.34	\$243.33	\$175.34

Revenue Assurance	Jun-21	FY21 To Date	FY20
Referred to Collections	\$110,591.67	\$1,623,112.03	\$1,495,829.79
Recovered	\$87,830.60	\$881,104.07	\$804,667.00

Service Orders	Jun-21	FY21 To Date	FY20
Move Ins	10,246	70,534	106,868
Move Outs	10,781	68,960	106,929

Average Res Bill Amounts	Jun-21	FY21 To Date	FY20
Electric (kWh)	852	756	830
Electric (\$)	\$124.27	\$111.21	\$124.21
Gas (Therms)	10	24	18
Gas (\$)	\$22.91	\$37.83	\$32.65
Water (kGals)	6	5	5
Water (\$)	\$34.85	\$30.62	\$31.49
Wastewater (kGals)	5	5	5
Wastewater(\$)	\$34.85	\$37.40	\$37.67

Annual Relationship	Jun-21	FY21 To Date	FY20
Overall CSAT	0.00	3.40	N/A
Number of Responses	0	8,719	N/A
Number of Surveys Sent	52,363	52,363	N/A
Response Rate	0%	17%	N/A

ENERGY DELIVERY

System Consumption

System Reliability

Major Projects – Electric & Gas

Energy Delivery - UAB Report - June 2021

Durations Reliability Report Between 06/01/2021 and 06/30/2021				
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)	99.9636%	
Total Hours of Customer Demand	71,955,360	System Average Interruption Duration Index (SAIDI)	15.73	4.5
Total Number of Outages	119	Customer Average Interruption Duration Index (CAIDI)	68.2	60
Total Number of Customers Affected (CI)	23,057	System Average Interruption Frequency Index (SAIFI)	0.23	0.08
Total Customer Minutes Interrupted (CMI)	1,572,407			
Total Customer "Out Minutes"	16,976	Bar)	142.66	Mins
Cause of Outages				
Cause	Overhead	Underground	Both	Total
0. Undetermined	4	0	1	5
1. Weather	20	2	2	24
2. Vegetation	46	3	6	55
3. Animals	7	0	1	8
4. Foreign Interference	0	0	0	0
5. Human Cause	3	2	0	5
6. Equipment Failure	6	11	4	21
7. All Remaining Outages	0	0	0	0
Total	86	18	14	118

Durations Reliability Report Between 01/01/2021 and 06/30/2021*				
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)	99.9880%	
Total Hours of Customer Demand	434,130,672	System Average Interruption Duration Index (SAIDI)	31.36	18
Total Number of Outages	396	Customer Average Interruption Duration Index (CAIDI)	56.7	60
Total Number of Customers Affected (CI)	55,277	System Average Interruption Frequency Index (SAIFI)	0.55	0.32
Total Customer Minutes Interrupted (CMI)	3,134,306			
Total Customer "Out Minutes"	77,361	Average Length of a Service Interruption (L-	195.36	Mins
Cause of Outages				
Cause	Overhead	Underground	Both	Total
0. Undetermined	22	1	2	25
1. Weather	29	4	2	35
2. Vegetation	130	6	11	147
3. Animals	55	2	1	58
4. Foreign Interference	0	0	0	0
5. Human Cause	18	5	4	27
6. Equipment Failure	23	56	19	98
7. All Remaining Outages	0	0	0	0
Total	277	74	39	390
* REPORTED AS CALENDAR YEAR				

	GRU	GRU	EIA - All	EIA - Public	FMPA
	CY 2021 Goal	CY 2020 Actual	CY 2019	CY 2019	CY 2020
SAIDI	55 Mins	60.69	144.16	62.31	89.06
CAIDI	60 Mins	54.57	83.35	65.09	65.45
SAIFI	1.0 or less	1.11	1.66	0.98	1.360

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

Energy Delivery - UAB Report - June 2021

Electric System Consumption

	2021		2020	
	CONSUMPTION	CUSTOMERS	CONSUMPTION	CUSTOMERS
Feed-In-Tariff - Residential	73 KWH	100	48 KWH	101
Feed-In-Tariff - General Service	2,277 KWH	158	1,724 KWH	157
Electric - GS - Demand - Regular	49,458,348 KWH	1,123	46,345,061 KWH	1,188
Electric - General Service Demand PV	910,643 KWH	21	942,225 KWH	22
Electric - GS - Kanapaha w Curtail Cr	1,136,400 KWH	1	1,101,600 KWH	1
Electric - GS - Demand - Large Power	8,265,600 KWH	7	8,072,960 KWH	7
Electric - GS - Murphree Curtail Credit	1,500,000 KWH	1	1,564,800 KWH	1
Electric - GS Large Demand PV	3,974,400 KWH	2	3,888,000 KWH	2
Electric - GS - Non Demand	15,876,242 KWH	9,960	14,571,528 KWH	9,899
Electric - General Service PV	150,671 KWH	80	113,417 KWH	71
Electric - Lighting - Rental	896,212 KWH	3,862 <i>n</i>	943,534 KWH	4,017 <i>n</i>
Electric - Lighting - Street - City	423,680 KWH	13 <i>n</i>	573,756 KWH	12 <i>n</i>
Electric - Lighting - Street - County	131,532 KWH	2 <i>n</i>	131,447 KWH	2 <i>n</i>
Electric - Lighting - Traffic	0 KWH	0	4,542 KWH	2
Electric - Residential - Non TOU	73,609,642 KWH	89,587	74,335,758 KWH	87,810
Electric - Residential PV	302,103 KWH	624	297,160 KWH	454
Total Retail Electric	156,637,823 KWH	101,664	152,887,560 KWH	99,715
City of Alachua	12,648,034 KWH	26,272	12,241,000 KWH	26,912
Total (Native) Electric	169,285,857 KWH		165,128,560 KWH	

(n =not included in total customer count)

Gas System Consumption

	2021		2020	
	CONSUMPTION	CUSTOMERS	CONSUMPTION	CUSTOMERS
Gas - GS - Regular Service (Firm)	634,234 THM	1,360	540,577 THM	1,372
Gas - GS - Regular Service (Small)	6,135 THM	324	4,754 THM	314
Gas - GS - Interruptible - Regular Serv	24,617 THM	1	41,574 THM	1
Gas - GS - Interruptible - Large Volume	370,224 THM	7	390,399 THM	7
Gas - Residential - Regular Service	346,193 THM	35,092	358,675 THM	34,470
Total Retail Gas	1,381,403 THM	36,784	1,335,979 THM	36,164
Gas - GS - UF Cogeneration Plant	3,312,630 THM	1	2,457,260 THM	1
Gas - Residential - LP - Basic Rate	2,542 GAL	200	3,009 GAL	204

Energy Delivery - UAB Report - June 2021

Major Electric Design Projects

- > Serenola Main Line Improvements
- > 908 (mixed use with apartments and retail)
- > Grand Oaks, Phase 3 (single-family residences)
- > The Mark (multi-family development)
- > Tara St. Augustine (single-family residences)

Major Gas Design Projects

- > Main Installation - Parker Rd - 8000' 8"PE
- > Main Installation - Oak Ridge Subdivision - US Hwy 441 - High Springs - 8960'
- > Exposed Main Replacement - Rattle Snake Creek - NW 8th Ave
- > Main Extension - Compton - SW 127th St - 500'
- > Main Relocation - UF Malachosky Dist. Building - Billing Job - 1850'

New Gas Services installed in June 2021: 39 New Customers

ENERGY SUPPLY

SYSTEM STATISTICS

ENERGY DISTRIBUTION

FUEL

June 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
	43,921	429,177	221,428	207,749
	21,610	194,186	76,901	117,285
	27,244	283,154	386,194	(103,040)
	874	9,287	2,560	6,727
	27,279	133,330	183,389	(50,059)
	56,188	338,117	438,912	(100,795)

Fuels Consumed

	Month	FYTD	Budget YTD	Delta Budget
Coal - Tons	10,564	126,616	119,892	6,724
Gas - MCF	1,016,419	7,668,337	5,189,381	2,478,956
Fuel oil - Gals	-	202,418	-	202,418
Biomass - Tons	75,188	442,562	642,614	(200,051)

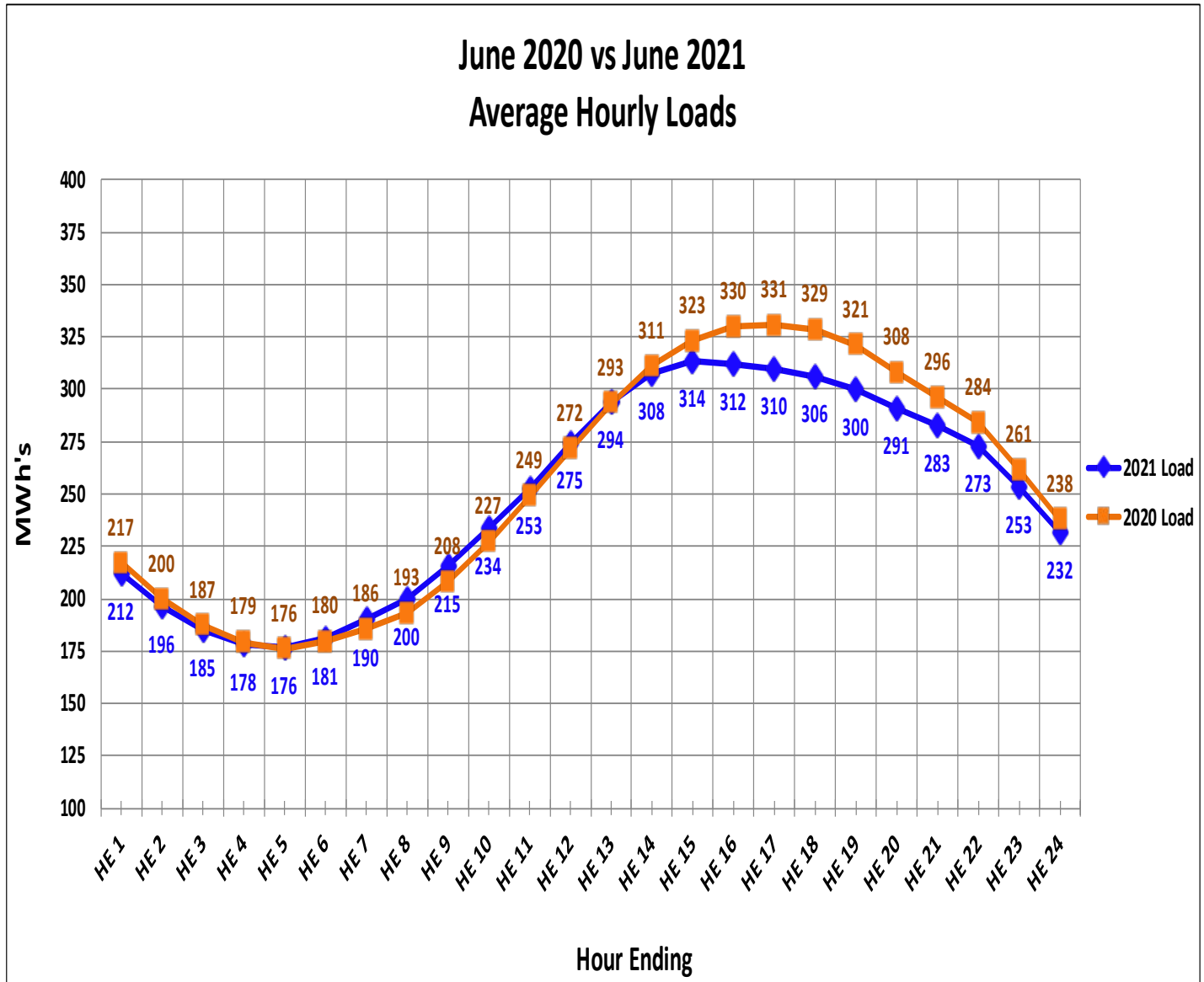
Availability/Capacity

	Availability			Capacity		
	Month	FY 2021 YTD	FY 2020 YTD	Month	FY 2021 YTD	FY 2020 YTD
DH-2	75.46%	87.17%	79.84%	29.10%	31.20%	13.44%
DH-1	100.00%	99.07%	91.96%	41.56%	41.14%	33.48%
Kelly CC	90.28%	53.63%	94.14%	34.09%	39.00%	85.89%
DH CT-1	100.00%	97.01%	97.40%	0.00%	0.20%	0.24%
DH CT-2	100.00%	96.08%	96.83%	0.00%	0.16%	0.23%
DH CT-3	100.00%	99.92%	99.59%	2.02%	2.04%	1.82%
DHR	100.00%	75.59%	89.14%	78.15%	52.78%	51.77%

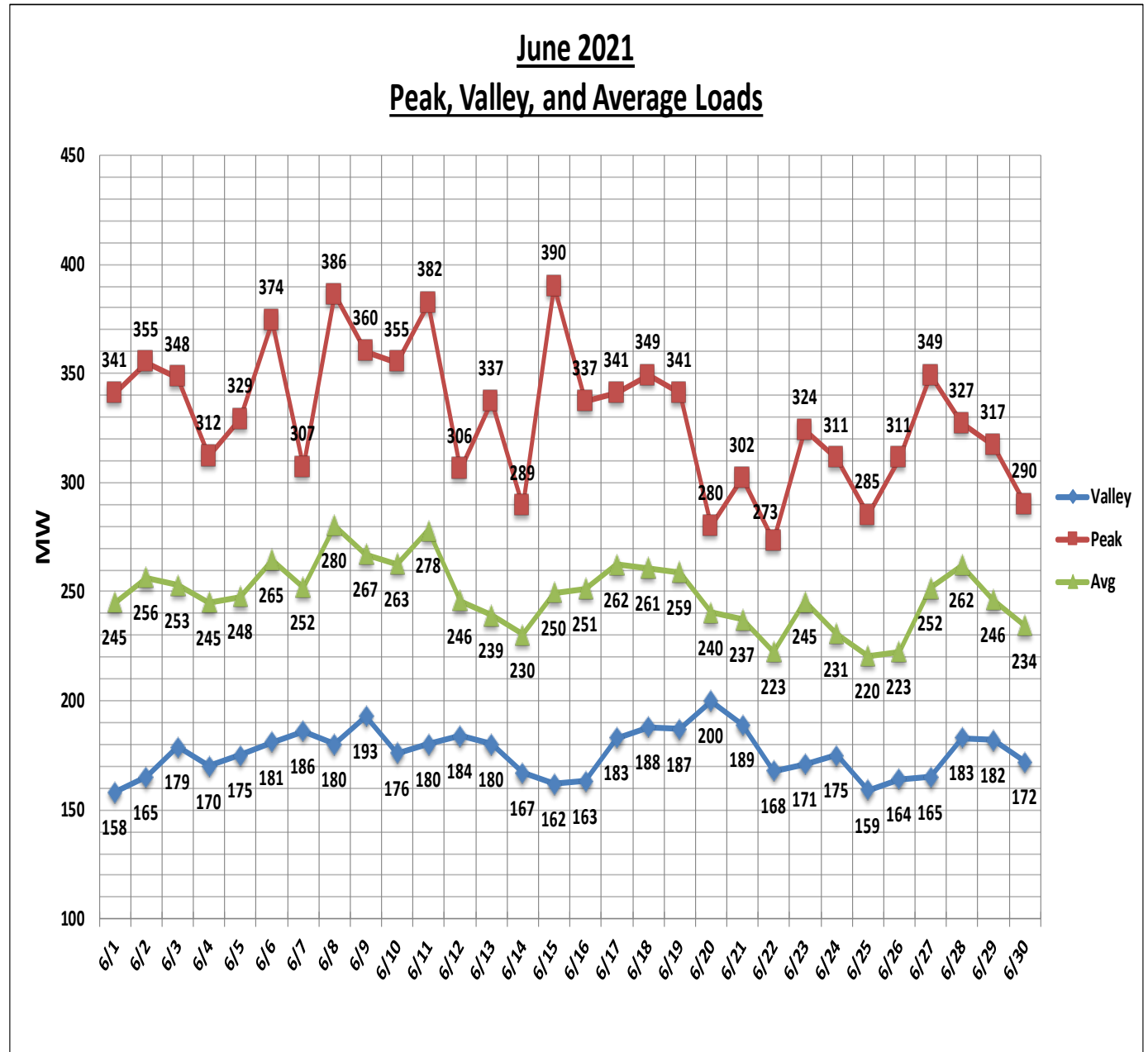
Date: As of July 2, 2021: Major Energy Supply Projects/Milestones Updates:

1. Deerhaven Generating Station (DH):
 - a. Deerhaven Unit #2: The retrofit project is going very well. We have been able to operate up to 170 MW on natural gas, and will coal backed out as much as possible in manual operation of the gas valve. For automation we have discovered some mechanical issues with the gas valve, and we are working with the OEM on solutions. This is only impacting ability to automate, and not ability to maximize gas usage for Deerhaven Unit #2. We will continue commissioning for full automation once Kelly Plant Combined Cycle restored.
 - b. Deerhaven Unit #1 (DH1)
 - i. We are currently de-rated to 63 MW due to gas fouling.
 - ii. We are currently still working with OEM (Siemens), and other vendors for revised quotes for the Turbine and Generator life time assessment to be executed in spring of 2022. Budgetary estimated for this lifetime assessment and outage are still 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.
 - i. CT4 is available for full load, and we are waiting for new secondary purge valves to resolve final combustion issues. The lead time on these valves is over 20 weeks, so working with GE to expedite this procurement. Our Engineering Team is working several other avenues to get these 2 purge valves we need. As a mitigation effort this past week, based on GE input, we made some adjustments to the valve actuators that provided us some success in moving load around on the unit between 40 to 75MW. At this time there are no generation limitations on CT4.
 - ii. The new Unit #8 commissioning stated week of 6/16/2021 and is going very well. We have tested the unit up to 10 MW so far with no issues, and expect to run unit to full load on 7/2/2021, and possibly release to combined cycle after this successful test. Long term we still have some tuning to coordinate to optimize the unit.
3. South Energy Center (SEC):
 - a. Wartsila and Solar engine emission testing in progress.

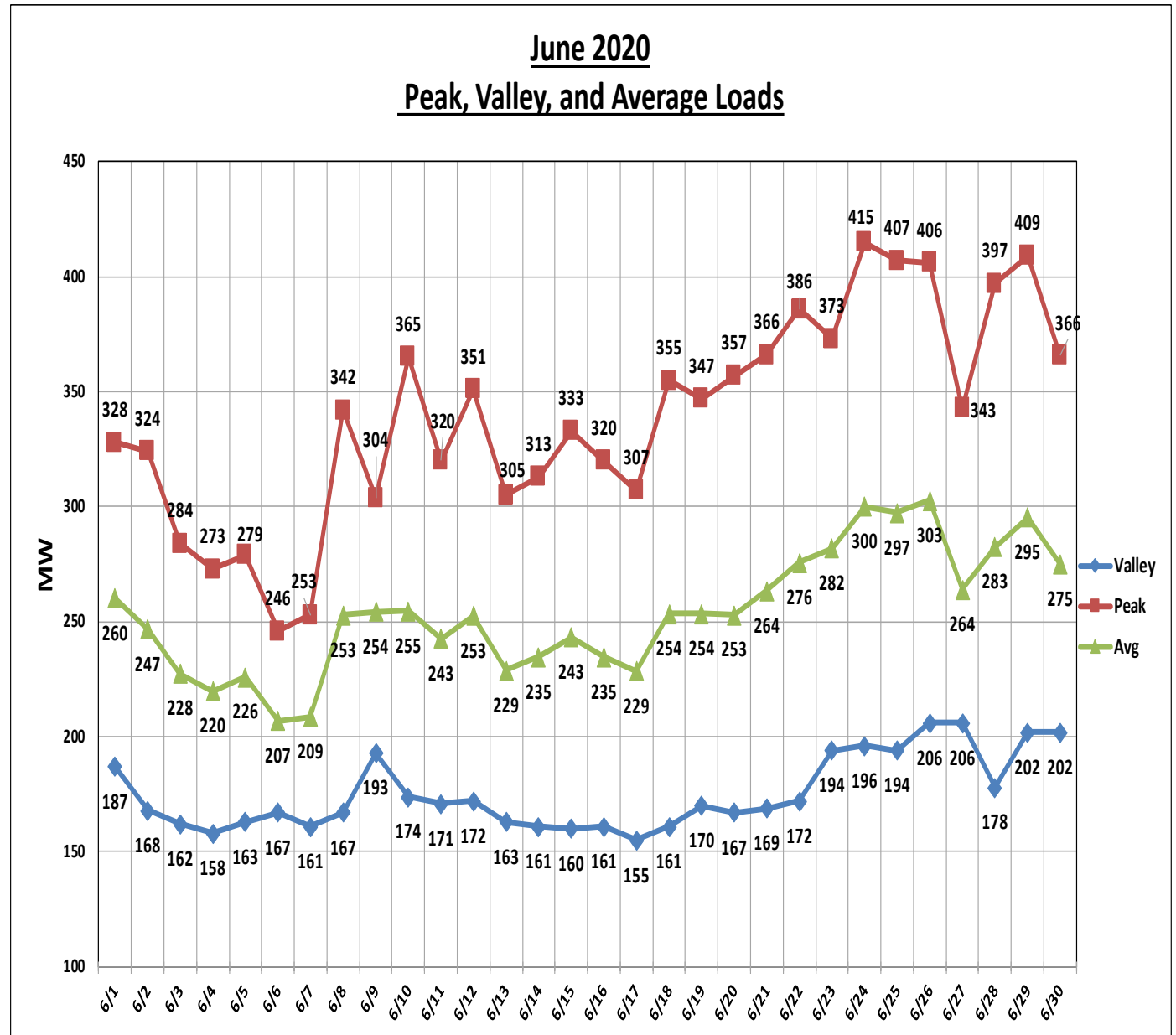
June Average Hourly Loads		
Hour Ending	2020 Load	2021 Load
HE 1	217	212
HE 2	200	196
HE 3	187	185
HE 4	179	178
HE 5	176	176
HE 6	180	181
HE 7	186	190
HE 8	193	200
HE 9	208	215
HE 10	227	234
HE 11	249	253
HE 12	272	275
HE 13	293	294
HE 14	311	308
HE 15	323	314
HE 16	330	312
HE 17	331	310
HE 18	329	306
HE 19	321	300
HE 20	308	291
HE 21	296	283
HE 22	284	273
HE 23	261	253
HE 24	238	232



Date	Valley	Peak	Avg
6/1/2021	158	341	245
6/2/2021	165	355	256
6/3/2021	179	348	253
6/4/2021	170	312	245
6/5/2021	175	329	248
6/6/2021	181	374	265
6/7/2021	186	307	252
6/8/2021	180	386	280
6/9/2021	193	360	267
6/10/2021	176	355	263
6/11/2021	180	382	278
6/12/2021	184	306	246
6/13/2021	180	337	239
6/14/2021	167	289	230
6/15/2021	162	390	250
6/16/2021	163	341	251
6/17/2021	183	337	262
6/18/2021	188	349	261
6/19/2021	187	341	259
6/20/2021	200	280	240
6/21/2021	189	302	237
6/22/2021	168	273	223
6/23/2021	171	324	245
6/24/2021	175	311	231
6/25/2021	159	285	220
6/26/2021	164	311	223
6/27/2021	165	349	252
6/28/2021	183	327	262
6/29/2021	182	317	246
6/30/2021	172	290	234



Date	Valley	Peak	Avg
6/1/2020	187	328	260
6/2/2020	168	324	247
6/3/2020	162	284	228
6/4/2020	158	273	220
6/5/2020	163	279	226
6/6/2020	167	246	207
6/7/2020	161	253	209
6/8/2020	167	342	253
6/9/2020	193	304	254
6/10/2020	174	365	255
6/11/2020	171	320	243
6/12/2020	172	351	253
6/13/2020	163	305	229
6/14/2020	161	313	235
6/15/2020	160	333	243
6/16/2020	161	320	226
6/17/2020	155	307	207
6/18/2020	161	355	209
6/19/2020	170	347	253
6/20/2020	167	357	254
6/21/2020	169	366	255
6/22/2020	172	386	228
6/23/2020	194	373	220
6/24/2020	196	415	226
6/25/2020	194	407	207
6/26/2020	206	406	161
6/27/2020	206	343	167
6/28/2020	178	397	283
6/29/2020	202	409	295
6/30/2020	202	366	275



City Commission - FY21 - 3QTR Coal Sourcing Report

Month	Coal Delivered	Coal Supplier(s)	Mine	Tons	Deep	MTR	Surface (No MTR)
	Apr-21			0.00			
	May-21			0.00			
	Jun-21			0.00			
Total				0.00			

Notes:

1. No coal purchased in FY21 - 3QTR.

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

GRU Scope:

Milestone	Expected Completion Date	Status	Notes
Grid Interconnection Studies	2/2021	Complete	Complete
Grid Interconnection Agreement	7/15/2021	Pending	Finalizing document. Extended due to higher team priorities.
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	8/2022	Pending	Advanced 1 month to coordinate with revised Origis schedule
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: June 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	6/15/21*	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	4/15/22*	Pending	
Start of Major Equipment Delivery to Site	5/1/22	Pending	
Transformer Delivery	7/1/22	Pending	
Operating Procedures	7/15/22	Pending	
Synchronization	9/1/22*	Pending	
Target COD	12/1/22	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.
- Apr 2021: Supplemental studies were completed, supporting Planning Commission rehearing. Revisions were made to the draft layout to further eliminate potential effects to nearby properties; e.g., buffers and distances from parcel boundaries were increased, and project facilities were shifted further from parcel boundaries.
- May 2021: No changes.
- June 2021: No changes.

• **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
- Apr 2021: To date, the need for a rehearing at Planning Commission has resulted in a ten-week delay; Seller believes lost time will be recoverable and does not anticipate this delay adversely affecting SCOD.
- May 2021: The cumulative permitting delays are not affecting Seller's progress regarding facility design. Delays beyond initial projections are material but the opportunity to recover during the Development Plan review phase and through other methods exist and are being diligently pursued.
- June 2021: No changes.

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.
- Apr 2021: The parties have mutually agreed to extend the milestone schedule for IA Execution to June 15, 2021.
- May 2021: No change. Seller awaits Buyer's comments on the IA.
- June 2021: Seller began reviewing Buyer's June 7, 2021 initial comments on the IA. Seller began review of these comments.

• 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.
- Apr 2021: No change. The postponement of IA Execution to June 15, 2021 is not anticipated to adversely affect SCOD. The Seller's technical team assumes that technical exchange of information will continue during this time.
- May 2021: No change.
- June 2021: Given that June 7 was the first set of Buyer comments received by the Seller since the discussion draft was provided, additional review and discussion of these comments is anticipated. Parties need to discuss an appropriate deadline extension for the IA Execution milestone and potential ramifications on the schedule.

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.
- Apr 2021: FL Solar 6 appeared before Alachua County Planning Commission on April 21, 2021 for a rehearing. The Planning Commission recommended the project for approval. Seller anticipates appearing before the BOCC on June 10, 2021.
- May 2021: FL Solar 6 anticipates appearing before the BOCC on July 6, 2021.

- June 2021: FL Solar 6 was placed on the agenda for the BOCC hearing July 6, 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.
 - Apr 2021: The BOCC meeting is likely to be rescheduled to June 10, 2021. This delay is not anticipated to adversely affect SCOD.
 - May 2021: Delays beyond initial projections are material but the opportunity to recover during the Development Plan review phase and through other methods exist and are being diligently pursued.
 - June 2021: No change.

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.
 - Mar 2021: No change.
 - Apr 2021: Estimated April 15, 2022.
 - May 2021: No change.
 - June 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.
- Apr 2021: None.
- May 2021: None.
- June 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.
- Apr 2021: Updates on page 1 reflect revisions to the anticipated schedule for Transformer Delivery, Major Equipment, and related milestones.
- May 2021: No change.
- June 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.
- Apr 2021: None.
- May 2021: None.
- June 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
- Apr 2021: The project anticipates appearing before the BOCC on June 10, 2021.
- May 2021: The project anticipates appearing before the BOCC on July 6, 2021.
- June 2021: FL Solar 6 was placed on the agenda for the BOCC hearing July 6, 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.
 - Apr 2021: None.
 - May 2021: None.
 - June 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.
 - Apr 2021: No change.
 - May 2021: No change.

- June 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.
 - Apr 2021: None.
 - May 2021: Delays beyond initial projections are material but the opportunity to recover during the Development Plan review phase and through other methods exist and are being diligently pursued.
 - June 2021: No change.

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: 30-Jun-21 JT

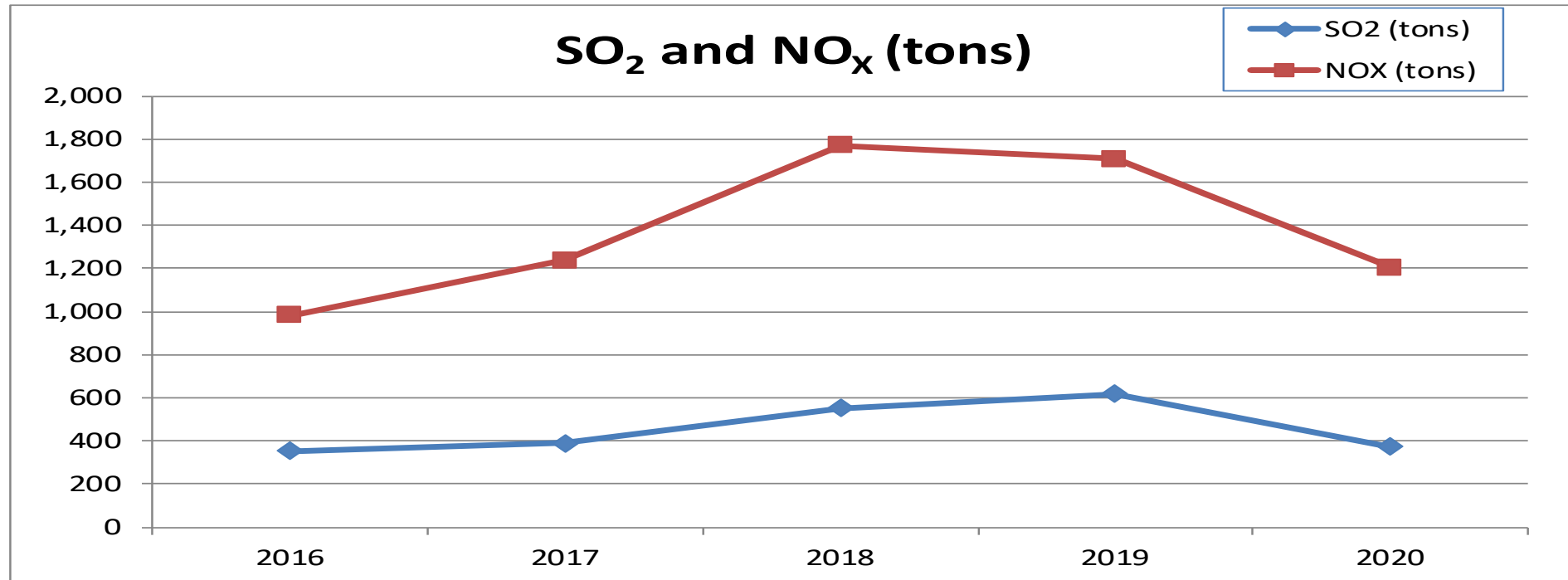
ENVIRONMENTAL PERMITTING

EMISSIONS DATA

Yearly Emissions

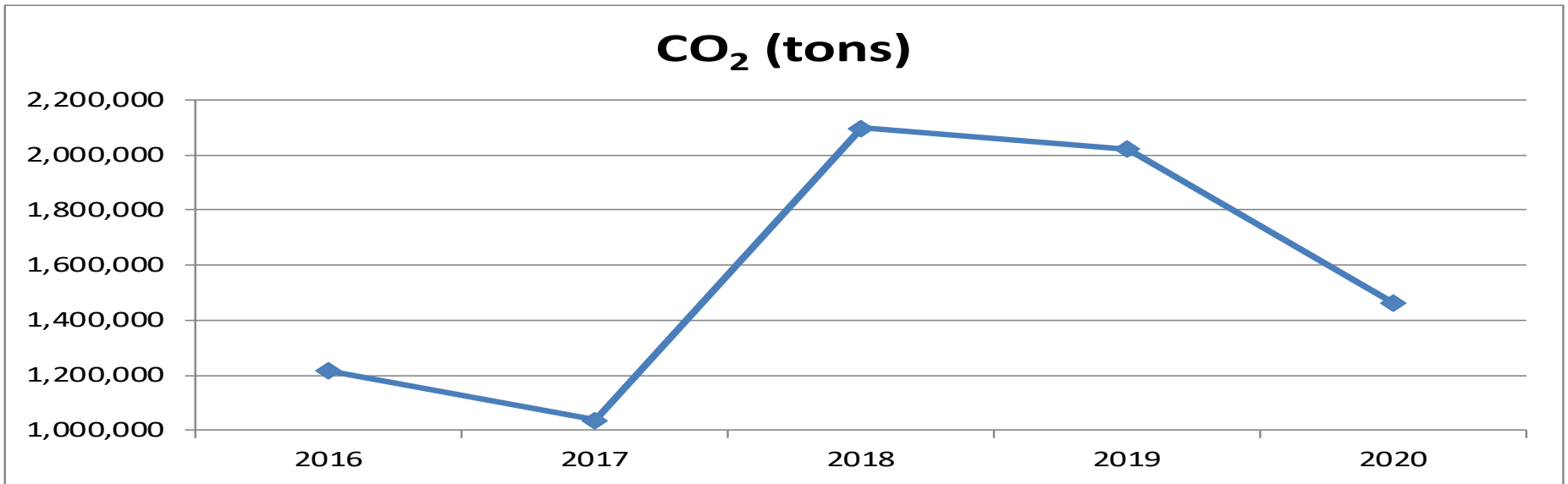
	SO ₂ (tons)	NO _x (tons)	Mercury (lbs)	PM (tons)	CO ₂ (tons)
2016	354	984	2.92	61	1,216,690
2017	389	1,239	2.40	52	1,037,711
2018	551	1,770	3.80	55	2,096,289
2019	618	1,707	5.30	49	2,020,310
2020	372	1,203	3.14	56	1,462,622
2021 (thru May)	278	699	1.93	33.8	793,037

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

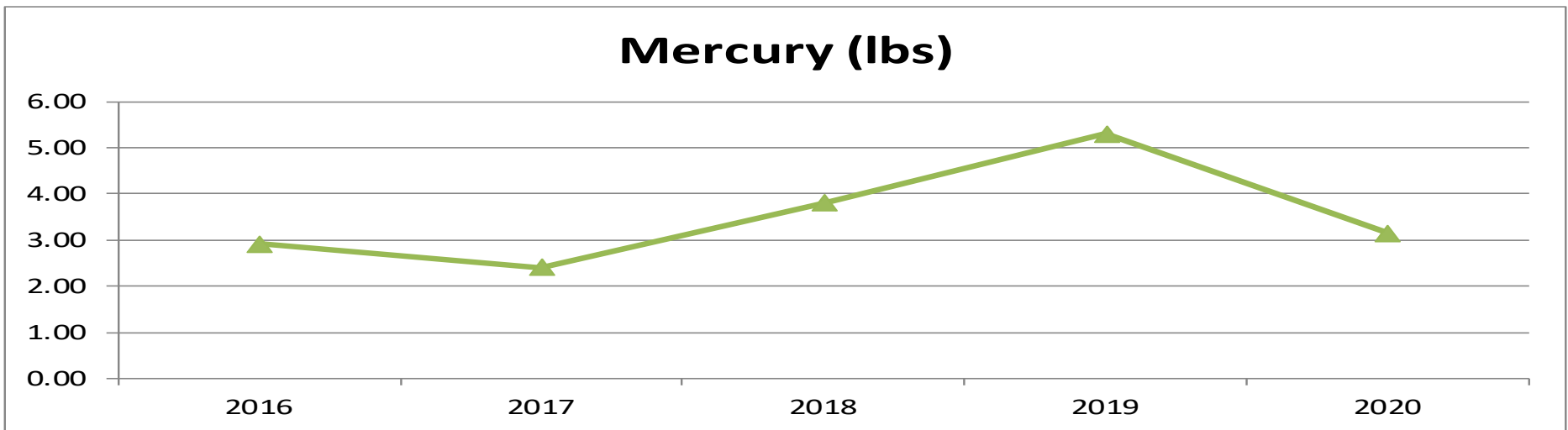


SO₂ was lower in 2015, 2016, and 2017 due to higher removal rate settings to assure compliance with NO_x was higher in 2016 since it was more cost effective to use allowances than increase SCR removal 2018 and later data include DHR. The previous years did not include DHR.

Yearly Emissions

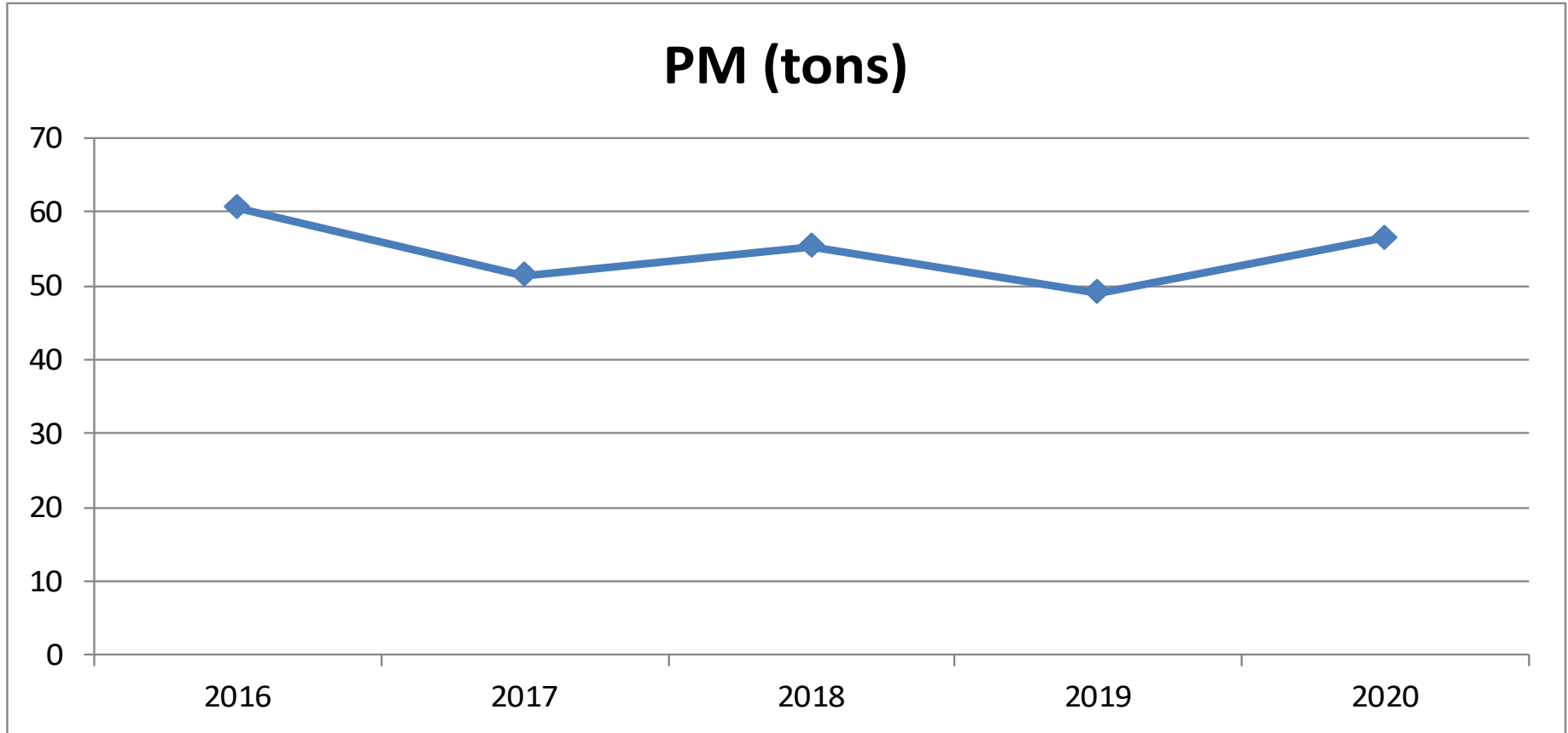


2018 and later data include DHR. The previous years did not include DHR.



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

Yearly Emissions



YTD - 2021 May

	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	22.1	114.2			87,785.1			1,467,187.0	127,669.0
DH2	248.7	458.1	1.93	33.8	258,357.7			2,928,188.0	284,843.0
DHCT3	0.1	1.5			10,382.7			174,769.0	9,315.0
JRKCC1	0.1	9.8			37,276.1			627,233.1	69,695.0
DHR	7.2	115.2			399,235.1			3,827,142.0	282,796.0
TOTAL	278.2	698.8	1.93	33.8	793,036.7			9,024,519.1	774,318.0

2021 - May

	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	2.4	26.7			19,843.8			333,452.0	28,012.0
DH2	51.8	104.1	0.35	8.2	63,018.6			719,618.0	68,484.0
DHCT3	0.0	0.4			1,771.9			29,819.0	1,209.0
JRKCC1	0.0	2.5			8,494.3			142,941.5	10,797.0
DHR	1.5	24.2			83,898.5			804,210.7	61,345.0
TOTAL	55.7	157.9	0.35	8.2	177,027.1			2,030,041.2	169,847.0

WATER/WASTEWATER

PRODUCTION

MAINTENANCE

Water/Wastewater June 2021 Dashboard

Production						
Murphree Water Treatment Plant						
		June 21	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	23.2	23.4	30	78%	
	Peak Daily Flow	28.9	26.0	54	48%	
Main Street Water Reclamation Facility						
		June 21	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	6.04	5.73	7.5	76%	
Kanapaha Water Reclamation Facility						
		June 21	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	12.6	11.6	14.9	78%	
Water Reclamation Facilities (Combined)						
		June 21	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	18.6	17.3	22.4	77%	
Maintenance						
Wastewater Collections						
		June 2021 (Miles)	FYTD	Monthly Goal (miles)		
	Miles of gravity mains cleaned	5.14	64.29	5.0		
	Miles of gravity mains TV inspected	5.47	59.01	5.0		
Water Distribution						
		June 2021	FYTD	Monthly Goal		
	Number of Water Services Replaced	78	1,071	75		
SSO Monthly Summary						
		June 2021	YTD	GOAL (annual)		
	Sanitary Sewer Overflows	4	23	<22		

Major Projects and Other Updates

MWTP Backwash Tank: Painting work going on now.

MSWRF Progressive Design Build - Finalizing project scope and cost

KWRF East MCC Phase 1 Project: Project continuing on schedule began on area 3 headworks channel. Concrete repair work underway.

KWRF Permit Issued: On June 3, 2021 a five-year renewal permit was issued for the plant.

NW 14th St Upgrades: WD removed old water main and compacted soil back for repaving efforts. WD also completed tying over meters on first block.