STATE OF THE UTILITY

March 2022

Item #211005

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

February 2022

Safety

Employees

	Current Month			Year to Date		
	First Aid	Recordable	DART	First Aid	Recordable	DART
Administration	0	0	0	0	0	0
W/WW Systems	1	1	1	2	2	1
Energy Supply	0	0	0	1	1	0
Energy Delivery - Electric/Gas	0	1	1	0	1	1
GRUCom	0	0	0	0	0	0
Totals		2			4	

Vehicles

	Current Month			Year to Date		
	Miles Driven*	Recordable	Preventable	Miles Driven*	Recordable	Preventable
Administration	5,690	0	0	30,569	1	1
W/WW Systems	46,795	1	1	223,670	1	1
Energy Supply	5,842	0	0	10,572	0	0
Energy Delivery - Electric/Gas	80,044	0	0	367,337	1	0
GRUCom	5,776	0	0	27,823	0	0
Totals	144,147	1	1	659,971	3	2

*Mileage data is for January 2022. February mileage data will be included in March report.

Mileage FYTD through January 2022

Environmental

	Current Month	Calendar Year to Date
Notices of Violation	0	0
Emissions		
DH1, DH2, DHCT3, JRKCC1		
CO_2 (tons)	60,103	153,898
NO_X (tons)	43	120
SO_2 (tons)	9	38
DH Unit 2 (only)		
PM_{FILT} (tons)	2	6
Hg (lbs)	0.15	0.50
DHR		
CO_2 (tons)	0	0
NO_X (tons)	19	21
SO_2 (tons)	0	1

Regulatory

NERC		Fiscal Year to Date
Notice of Violations	1	1
Self Reports/Potential Violations	0	2

Personnel

	AUTHORIZED	FILLED	VACANCY	Last Month (January)
Administration	15	13	2	
Chief Operating Officer	21	19	2	
Customer Support Services	118.25	95.75	22.5	
Energy Delivery	264	232	32	
Energy Supply	194	164	30	
Finance	42	28.5	13.5	
Information Technology	71	68	3	
Water Wastewater	169	159	10	
GRUCom	38	33	5	
Grand Total	**932.25**	**812.25**	**120**	

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 2022 Safety Data Summary

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

OCTOBER

- None reported

NOVEMBER

- None reported

DECEMBER

- 12/1/2021 – While changing a blade on a reciprocating saw, the employee cut the back of the right index finger. Recordable for Rx medication. No work restrictions.
- 12/21/2021 – Hurt right shoulder loading chipper into back of truck. Recordable for Rx medication. Work restrictions given by Dr. do not affect daily duties.

JANUARY

- None reported

FEBRUARY

- 2/09/2022 – An employee was cutting a 12" PVC pipe with a demolition saw. The saw kicked back causing a laceration to the right jaw and shoulder. (DART)
- 2/14/2022 – While trimming a tree limb, an electric chainsaw cut employee's left forearm. (DART)

MARCH

APRIL

MAY

JUNE

JULY

AUGUST

SEPTEMBER

End of FY 2022

Utility Advisory Board Monthly Report – FY 2022 Vehicle Collision Summary

Vehicle Collisions (P) indicates preventable by our employee

OCTOBER

- 10/1/2021 – Employee was backing into a parking spot when a private driver cut behind him through the parking spaces. The vehicles collided doing minor damage to both vehicles right rear bumpers. There were no injuries.
- 10/27/2021 – Employee was driving west on NW 39th Avenue approaching the light at NW 91st street. The traffic was flowing normal through the light, which was green. The employee observed a vehicle in the outside lane that looked as if it was going to come over into his lane, so he instinctively looked over at the vehicle and when he looked back up, traffic had come to an abrupt complete stop. The employee braked but could not stop and struck the vehicle ahead causing damage to both vehicles. No injuries were reported. (P)

NOVEMBER

- None reported

DECEMBER

- None reported

JANUARY

- None reported

FEBRUARY

- 2/25/22 – While backing a service truck, the employee backed into a parked scooter. There was minimal damage to the scooter. There were no injuries. No citation issued.

MARCH

APRIL

MAY

JUNE

JULY

AUGUST

SEPTEMBER

End of FY 2022

Utility Advisory Board Monthly Report – FY 2022 NERC compliance

Penalty Violations: 0

Regulation	Determination	Description

Non-Penalty Violations: 1

Regulation	Determination	Description
VAR-002-4.1_R1	2/10/2022	6/28/2021 change in AVR control mode without prior authorization from system control CAP 20210824001. SERC 2021-00644. Next mitigation milestone due 3/15/2021 (LINK).

Potential Violations: 1

Regulation	Reported	Description / Status
BAL-001-2_R2	1/7/2022	9/27/21 BAAL exceedance (over-generation). Mitigation plan under development

CUSTOMER SUPPORT SERVICES

Customer Operations

New Services

Revenue Assurance

Customer Operations Metrics Summary February 2022

Active Accounts	Feb-22	YTD Gain/Loss	FY21
Residential Contract Accounts			
Total	95,354	257	95,097
Electric	87,867	162	87,705
Gas	34,900	168	34,732
Water	64,857	123	64,734
Wastewater	60,611	143	60,468
Telecomm	0	0	0

Active Accounts	Feb-22	YTD Gain/Loss	FY21
Nonresidential Contract Accounts			
Total	13,151	(44)	13,195
Electric	11,023	(20)	11,043
Gas	1,680	515	1,165
Water	5,911	6	5,905
Wastewater	4,707	29	4,678
Telecomm	0	0	0

New Installations	Feb-22	FY22 To Date	FY21
Electric	104	539	1833
Gas	39	181	775
Water	46	257	771
Wastewater	32	217	777
Telecomm	0	0	18

Residential Disconnects	Feb-22	FY22 To Date	FY21
Volume	1,144	6,157	14,313
Average Balance	$237.51	$246.69	$243.10

Revenue Assurance	Feb-22	FY22 To Date	FY21
Referred to Collections	$109,231.38	$539,607.35	$1,972,070.41
Recovered	$93,406.91	$443,508.53	$1,093,335.45

Call Center Volume	Feb-22	FY22 To Date	FY21
Residential ASA	0:09:21	0:16:49	0:16:46
Business ASA	0:03:00	0:04:20	0:03:42
CSR Calls	13,191	74,301	215,887
CSR Callbacks	1,951	15,910	47,189
IVR Self Service	10,347	345,126	189,977
Total	25,489	435,337	453,053
IVR/Total	41%	79%	42%

Service Orders	Feb-22	FY22 To Date	FY21
Move Ins	6,627	32,219	114,586
Move Outs	6,724	32,155	112,065

Bills Generated	Feb-22	FY22 To Date	FY21
Paper Bills	87,240	393,861	109,177
eBills	32,544	162,252	261,591
Total	119,784	556,113	1,353,368
eBill/Total	27%	29%	19%

Average Res Bill Amounts	Feb-22	FY22 To Date	FY21
Electric (kWh)	0	742	819
Electric ($)	$0.00	$124.14	$119.78
Gas (Therms)	0	21	21
Gas ($)	$0.00	$39.60	$33.99
Water (kGals)	0	5	5
Water ($)	$0.00	$31.61	$30.64
Wastewater (kGals)	0	5	5
Wastewater($)	$0.00	$45.05	$36.96

Payment Arrangements	Feb-22	FY22 To Date	FY21
Total	583	3,140	8,419

Customer Experience	Feb-22	FY22 To Date	FY21
Overall CSAT	4.20	3.84	N/A
Number of Responses	10	933	N/A
Numnber of Surveys Sent	207	11,133	N/A
Response Rate	5%	8%	N/A

Annual Relationship	Feb-22	FY22 To Date	FY21
Overall CSAT	2.90	2.90	N/A
Number of Responses	6,784	6,784	N/A
Number of Surveys Sent	57,478	57,478	N/A
Response Rate	12%	12%	N/A

ENERGY DELIVERY

System Consumption

System Reliability

Major Projects – Electric & Gas

Energy Delivery - UAB Report - February 2022

Durations Reliability Report Between 02/01/2022 and 02/28/2022

Excludes Extreme Weather and Generation/Transmission Disturbances

CUSTOMER DATA		RELIABILITY INDICES		MONTHLY AVG GOAL
Monthly Average Customers Served(C)	101,092	Average Service Availability Index (ASAI)	99.9973%	
Total Hours of Customer Demand	67,933,824	System Average Interruption Duration Index (SAIDI)	1.08	4.5
Total Number of Outages	19	Customer Average Interruption Duration Index (CAIDI)	70.54	60
Total Number of Customers Affected (CI)	1,553	System Average Interruption Frequency Index (SAIFI)	0.02	0.08
Total Customer Minutes Interrupted (CMI)	109,543			
Total Customer "Out Minutes"	2,384	Average Length of a Service Interruption (L-Bar)	125.47 Mins	

Cause of Outages

Cause	Overhead	Underground	Both	Total
0. Undetermined	0	0	0	0
1. Weather	0	0	0	0
2. Vegetation	7	0	0	7
3. Animals	2	0	0	2
4. Foreign Interference	0	0	0	0
5. Human Cause	3	1	0	4
6. Equipment Failure	1	5	0	6
7. All Remaining Outages	0	0	0	0
Total	13	6	0	19

Durations Reliability Report Between 01/01/2022 and 02/28/2022*

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

CUSTOMER DATA		RELIABILITY INDICES		GRU YTD GOALS
Monthly Average Customers Served(C)	101,092	Average Service Availability Index (ASAI)	99.9954%	
Total Hours of Customer Demand	143,146,272	System Average Interruption Duration Index (SAIDI)	3.91	9
Total Number of Outages	59	Customer Average Interruption Duration Index (CAIDI)	64.17	60
Total Number of Customers Affected (CI)	6,165	System average Interruption Frequency Index (SAIFI)	0.06	0.16
Total Customer Minutes Interrupted (CMI)	395,598		0.0637	
Total Customer "Out Minutes"	8,620	Average Length of a Service Interruption (L-Bar)	146.10 Mins	

Cause of Outages

Cause	Overhead	Underground	Both	Total
0. Undetermined	3	0	0	3
1. Weather	0	0	0	0
2. Vegetation	31	0	1	32
3. Animals	2	0	0	2
4. Foreign Interference	0	0	0	0
5. Human Cause	4	2	0	6
6. Equipment Failure	5	11	0	16
7. All Remaining Outages	0	0	0	0
Total	45	13	1	59

*** REPORTED AS CALENDAR YEAR**

	GRU	GRU	EIA - All	EIA - Public	FMPA
	CY 2022 Goal	CY 2021 Actual	CY2020	CY 2020	CY2021
SAIDI	55 Mins	81.95	165.65	191.78	60.30
CAIDI	60 Mins	54.97	78.50	77.95	55.40
SAIFI	1.0 or less	1.49	2.00	2.32	1.09

Notes on EIA and FMPA Data:

1. EIA - All data is Florida only and includes co-ops, IOU's and municipals (next update 10/2022)
2. FMPA data includes 25 municipals in Florida

Energy Delivery - UAB Report - February 2022

Electric System Consumption

	2022		2021	
	CONSUMPTION	CUSTOMERS	CONSUMPTION	CUSTOMERS
Feed-In-Tarrif - Residential	124 KWH	100	69 KWH	101
Feed-In-Tarrif - General Service	2,908 KWH	156	2,873 KWH	158
Electric - GS - Demand - Regular	41,716,296 KWH	1,142	40,257,319 KWH	1,144
Electric - General Service Demand PV	1,055,664 KWH	24	970,033 KWH	20
Electric - GS - Kanapaha w Curtail Cr	1,143,600 KWH	1	1,120,800 KWH	1
Electric - GS - Demand - Large Power	7,069,800 KWH	7	6,963,080 KWH	8
Electric - GS - Murphree Curtail Credit	1,408,800 KWH	1	1,372,800 KWH	1
Electric - GS Large Demand PV	3,343,200 KWH	2	3,429,600 KWH	2
Electric - GS - Non Demand	13,429,936 KWH	10,015	12,337,524 KWH	9,896
Electric - General Service PV	130,635 KWH	79	132,042 KWH	79
Electric - Lighting - Rental	857,590 KWH	*3,722 n*	907,842 KWH	*3,881 n*
Electric - Lighting - Street - City	408,782 KWH	*13 n*	4,821 KWH	*11 n*
Electric - Lighting - Street - County	126,811 KWH	*2 n*	0 KWH	*0 n*
Electric - Lighting - Traffic	144 KWH	1	4,542 KWH	*2*
Electric - Residential - Non TOU	65,405,819 KWH	88,688	59,992,282 KWH	88,491
Electric - Residential PV	453,653 KWH	742	338,421 KWH	573
Total Retail Electric	**136,553,762 KWH**	**100,958**	**127,834,048 KWH**	**100,476**
City of Alachua	9,894,831 KWH	14,406	9,067,582 KWH	25,244
Total (Native) Electric	**146,448,593 KWH**		**136,901,630 KWH**	

(n =not included in total customer count)

Gas System Consumption

	2022		2021	
	CONSUMPTION	CUSTOMERS	CONSUMPTION	CUSTOMERS
Gas - GS - Regular Service (Firm)	957,341 THM	1,342	940,676 THM	1,326
Gas - GS - Regular Service (Small)	26,457 THM	356	20,178 THM	360
Gas - GS - Interrruptible - Regular Serv	22,450 THM	1	16,000 THM	1
Gas - GS - Interrruptible - Large Volume	464,102 THM	7	435,721 THM	7
Gas - Residential - Regular Service	1,813,586 THM	35,010	1,476,068 THM	34,626
Total Retail Gas	**3,283,936 THM**	**36,716**	**2,888,643 THM**	**36,320**
Gas - GS - UF Cogeneration Plant	3,643,508 THM	1	2,980,992 THM	1
Gas - Residential - LP - Basic Rate	9,625 GAL	199	7,851 GAL	201

Energy Delivery - UAB Report - February 2022

Major Electric Design Projects

> Celebration Pointe – Alachua County Sport Events Center, Discovery Village-Block 14, Building 100 & 200, etc.
> Oaks Preserve Subdivision (295 single family residences)
> Lincoln Ventures (10 story building, apartments and retail)
> Hyatt Downtown
> VA Mental Health Hub & Outpatient Clinic SW 34th St
> Seminary Lane (various parcels along NW 5th Ave)

Major Gas Design Projects

> Main Installation – Finley Woods – SW 62nd Ave – 2,900'
> Main Upgrade/ Regulator Station Retirement – 8400 NW 13 St – Reduces O&M costs
> Main Installation – Flint Rock Sub – SW 122 St – 15,576'
> Annual Leak Survey – To be completed soon

Gas Services installed in February 2022: 53 new customers

ENERGY SUPPLY

SYSTEM STATISTICS

ENERGY DISTRIBUTION

FUEL

Feburary 2022

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
DH-2	16,352	226,360	81,254	145,106
DH-1	9,809	58,891	11,001	47,890
Kelly CC	69,447	269,899	335,390	(65,491)
CT's	(191)	(215)	179	(394)
Grid	(6,402)	(46,275)	92,895	(139,170)
DHR	44,237	196,567	186,648	9,919

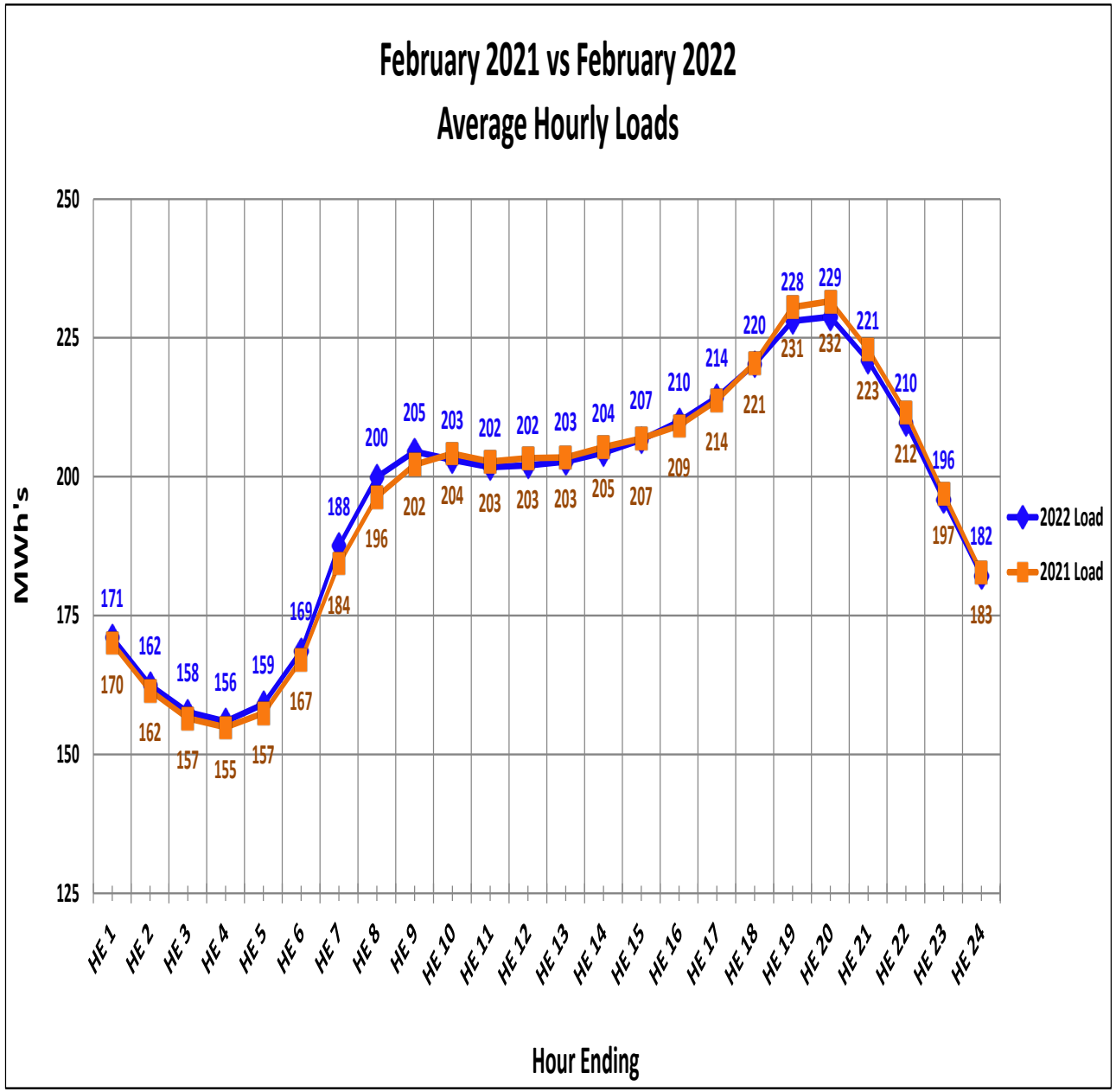
Fuels Consumed

	Month	FYTD	Budget YTD	Delta Budget
Coal - Tons	3,107	46,986	-	46,986
Gas - MCF	870,825	5,639,437	4,176,939	1,462,498
Fuel oil - Gals	-	344,390	-	344,390
Biomass - Tons	58,308	249,590	243,290	6,300

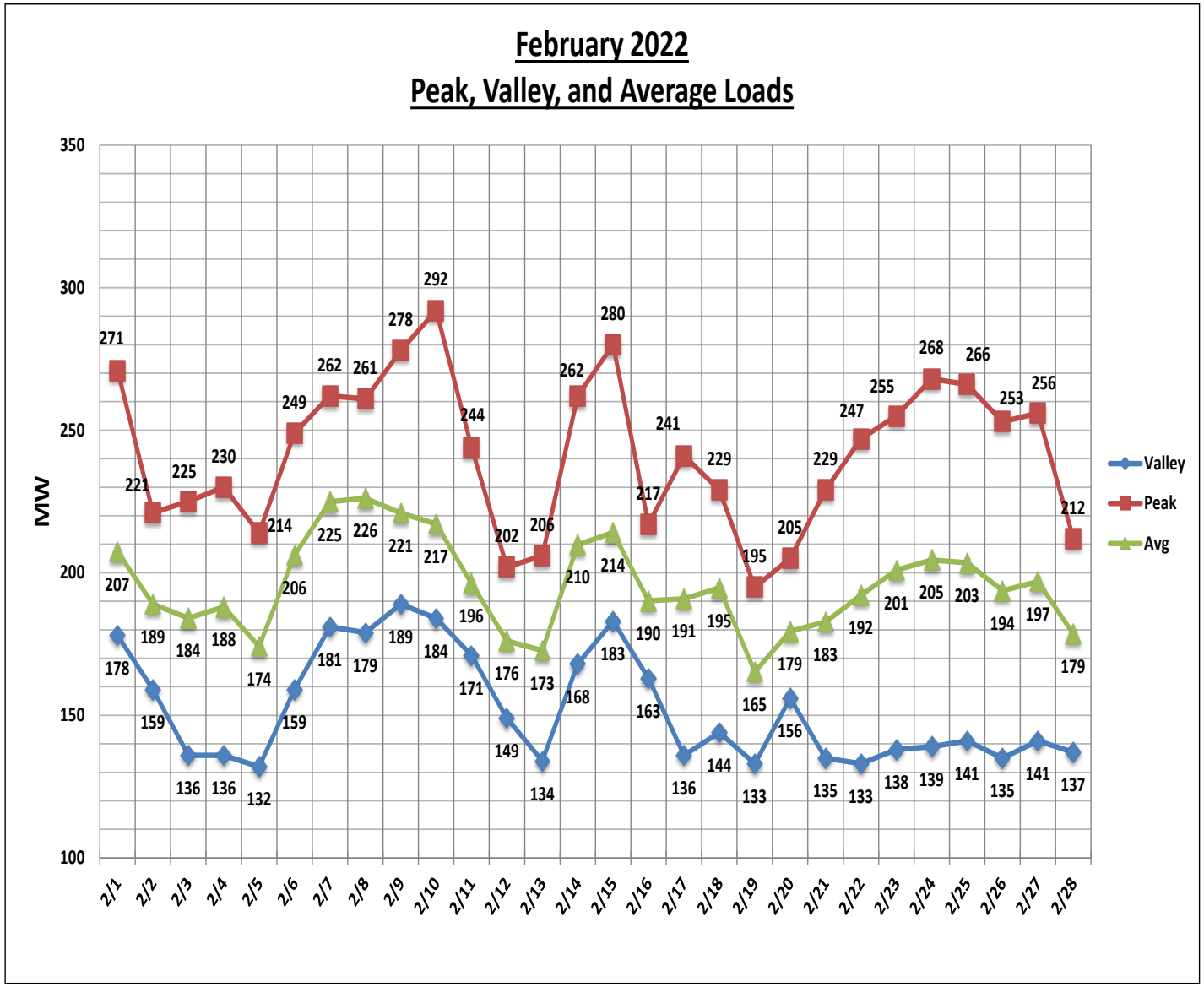
Availability/Capacity

	Availability			Capacity		
	Month	FY 2023 YTD	FY 2022 YTD	Month	FY 2023 YTD	FY 2022 YTD
DH-2	38.08%	85.30%	87.01%	12.19%	29.68%	30.69%
DH-1	100.00%	98.50%	98.80%	20.51%	23.01%	40.19%
Kelly CC	100.00%	97.18%	52.97%	94.36%	69.71%	43.42%
DH CT-1	90.74%	82.11%	96.22%	0.00%	0.10%	0.25%
DH CT-2	100.00%	98.59%	94.96%	0.00%	0.47%	0.21%
DH CT-3	95.80%	89.76%	99.89%	0.19%	0.10%	2.06%
DHR	98.69%	71.16%	68.62%	79.91%	59.09%	46.38%

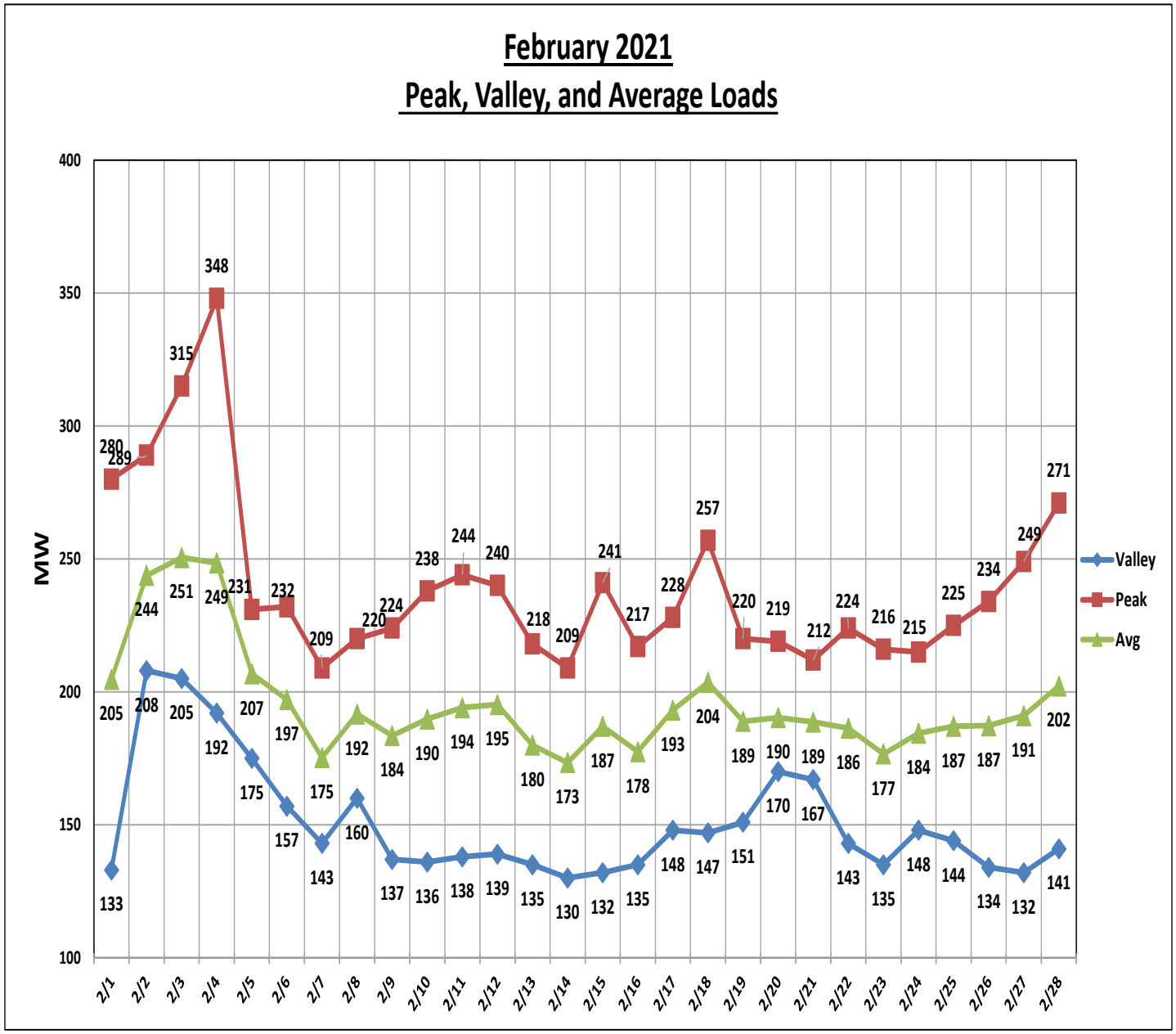
February Average Hourly Loads		
Hour Ending	2021 Load	2022 Load
HE 1	170	171
HE 2	162	162
HE 3	157	158
HE 4	155	156
HE 5	157	159
HE 6	167	169
HE 7	184	188
HE 8	196	200
HE 9	202	205
HE 10	204	203
HE 11	203	202
HE 12	203	202
HE 13	203	203
HE 14	205	204
HE 15	207	207
HE 16	209	210
HE 17	214	214
HE 18	221	220
HE 19	231	228
HE 20	232	229
HE 21	223	221
HE 22	212	210
HE 23	197	196
HE 24	183	182



Peak	Avg
271	207
221	189
225	184
230	188
214	174
249	206
262	225
261	226
278	221
292	217
244	196
202	176
206	173
262	210
280	214
217	190
241	191
229	195
195	165
205	179
229	183
247	192
255	201
268	205
266	203
253	194
256	197
212	179



Peak	Avg
280	205
289	244
315	251
348	249
231	207
232	197
209	175
220	192
224	184
238	190
244	194
240	195
218	180
209	173
241	187
217	178
228	193
257	204
220	189
219	190
212	189
224	186
216	177
215	184
225	187
234	187
249	191
271	202



Date: As of March 3, 2022: Major Energy Supply Projects/Milestones Updates:

1. Deerhaven Generating Station (DH):
    a. Deerhaven Unit #2(DH2):
        I) On February 17, 2022 while a contractor was conducting outage work on DH2 Cooling Tower we had a fire that resulted in significant damage to cell #1. The cooling tower has 10 individual cells, and as of now there appears to be no damage to cells 2 through 10.
            1. This incident is under investigation, and initial indications are that the fire started when contractor was cutting off bolts on the bottom of the inlet circulating water lines, known as risers. Some of the slag material from this cutting process went beyond their fire boundaries set up for hot work by the contractor. The contractor was not aware of this breach of the fire barrier and had to be informed of the fire below their work. Everyone was evacuated and we obtained a full head count right away to ensure everyone was safe. Plant personnel manually activated the deluge system prematurely to mitigate damage, and GFR responded rapidly to further mitigate the extent of the damage. This was a very serious incident due to the nature of the property damage, and so thankful no one was hurt. It is accurate to say that upon discovery of the fire the plant personnel response and GFR professional response, were instrumental in mitigating the extent of this fire damage. This all being said we still have significant damage. GFR is conducting their own independent investigation of this incident.
            2. In working with our insurance carrier investigator, and a third party cooling tower expert we hired, we have been able to contract with a vendor to conduct the emergent repairs that would allow us to be able to restore cells 2 through 10 (9 of the 10 cooling tower cells) for DH2 unit to be restored to service in the first week of April. The remainder of the cell #1 repair planning is being worked in parallel. The original planned outage end date was 3/28/2022, so we will be extending this outage by about a week for these emergent repairs.
            3. In parallel with these instrumental restoration efforts, the investigation of the root cause(s) and corrective actions are actively ongoing.
        II) The dual fuel project testing has been able to achieve 244 MW gross so far. To conduct full load testing we will need to wait until our gas provider (Florida Gas Transmission) completes infrastructure upgrades they need, and this is expected to be complete in July 2022.
    b. We had a coal train (approx. 12,000 tons) delivered 2/2/2022. Fuels and still working on the possibility on one more train before summer. Inventory on site as of 3/4/2022 is approximately 40,000 tons.
2. Deerhaven Unit #1 (DH1):
    a. We are planning the unit lifetime assessment in fall of 2022, with goal of being able to safely, and reliably, extend life of unit beyond December of 2022.
3. Deerhaven Renewable (DHR):

a. Unit is derated from 103 to 95 MW because of Induction (ID) Fan motor limitations. We completed planned outage on 1/28/2022. Following outage completion, it was determined that the new motor installed this past outate, for the ID Fan Variable Frequency Drive (VFD), appeared to have an inadequate design to allow full load. We are working with the ID Fan OEM (Process Barrons) and VFD OEM (Siemens) to determine if a new motor design would be required to allow restoration of full load capability. Fan OEM is coming up with a testing plan to gather more data, and ultimately determine if new design is required. This resolution process is being tracked closely.

4. Kelly Generating Station (JRK):
    a. Kelly Plant Unit #8 requires a planned warranty outage following the installation of a new turbine and generator in 2021. This 16 day planned outage was originally scheduled to start on 4/2 and will be delayed to 4/18/2022 due to DH2 planned outage extension. This warranty outage is for detailed inspection of the new turbine and generator following 1 year in service, and is part of our original contract with the OEM (Siemens).
5. South Energy Center (SEC):
    a. We have several issues around the underground steam supply and condensate return lines.
        I) We have steaming in 3 of the 4 manways that appears to be due to ground water coming in direct contact with the hot insulated underground lines.
        II) We also have several areas above the underground lines that the hospital is encountering issues with not being able to sustain vegetation, like grass and plants. There are areas where the ground (dirt) is warm to the touch due to these underground lines.
        III) We are working with a vendor to address the symptomatic issues with items I and II above to resolve the safety and vegetation issues, while determining the long-term solutions that may be required.

City Commission - FY22 - 1QTR Coal Sourcing Report

Month Coal Delivered	Coal Supplier(s)	Mine	Tons	Deep	MTR	Surface (No MTR)
Oct-21	1	Creech	12,378.85	70%		30%
Nov-21	1	Creech	11,916.33	70%		30%
Dec-21						
		Total	**24,295.18**	**70.00%**		**30.00%**

Notes:

1. Coal Supplier 1

Spot transaction Confirmation, Coal Commodity Purchase Agreement effective September 2, 2021 for a total of three (3) spot trains for delivery between October through December 2021. Due to a schedule conflict the December train will roll-over to load in January 2022.

Gainesville Regional Utilities
Solar PPA Status Report
Report Period: February 2022

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	
Operating Procedures	11/2021	Pending	
Scheduled Commercial Operation	12/31/2022	Pending	

Note *: Dates will be recalculated with 18 month delay upon execution of Contract Amendment.

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:

1. The Alachua County Commission denied the Special Use Permit for the Sand Bluff Solar Facility on July 7, 2021.
2. Origis is reviewing their planned course of action which will be communicated to GRU at a future date.
3. A contract amendment was approved by the City Commission on February 17, 2022 to extend the deadlines by 18 months. The dates provided above will be recalculated to include the extension once executed by both GRU and Origis.

Prepared 3/3/2022

ENVIRONMENTAL PERMITTING

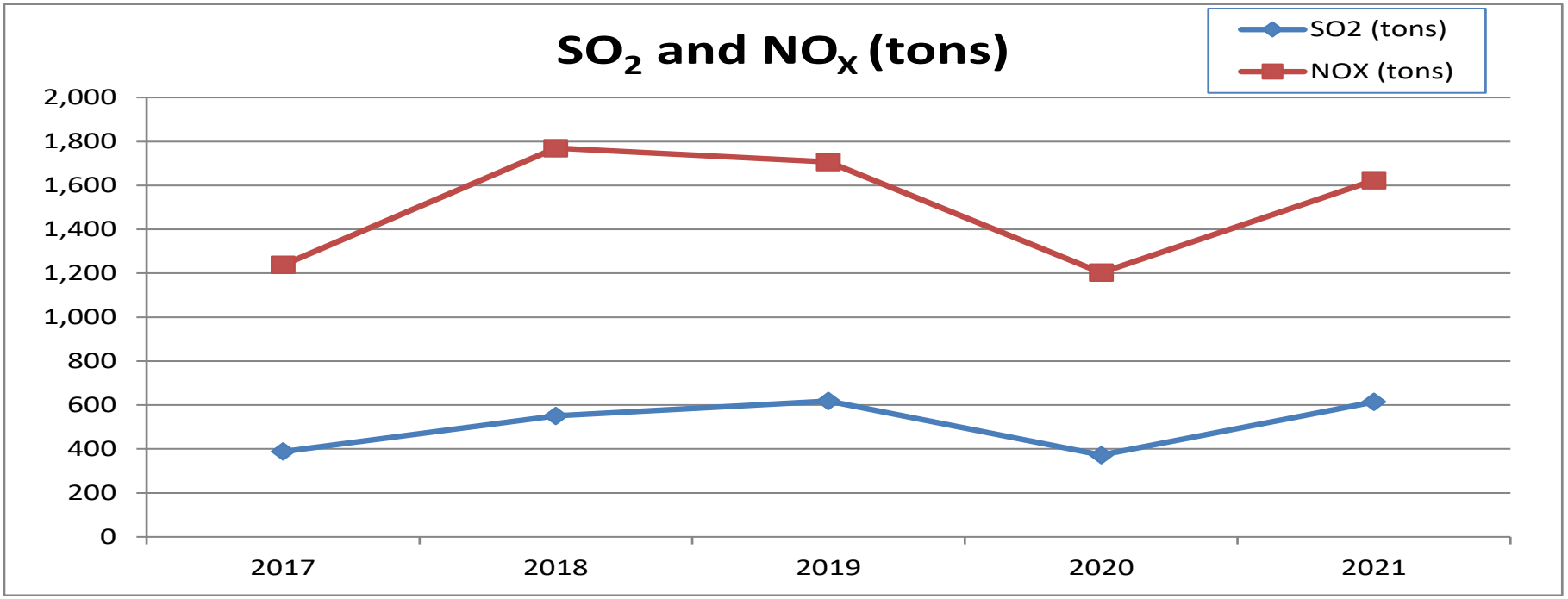
EMISSIONS DATA

Yearly Emissions

	SO_2 (tons)	NO_X (tons)	Mercury (lbs)	PM (tons)	CO_2 (tons)
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	614	1,623	3.74	64	1,989,821
2022 (thru Feb.)	40	141	0.50	5.8	153,898

Mercury and Particulate values are for Unit 2 only.

Starting 2022 DHR CO2 is not included in the YTD since DHR is carbon neutral.

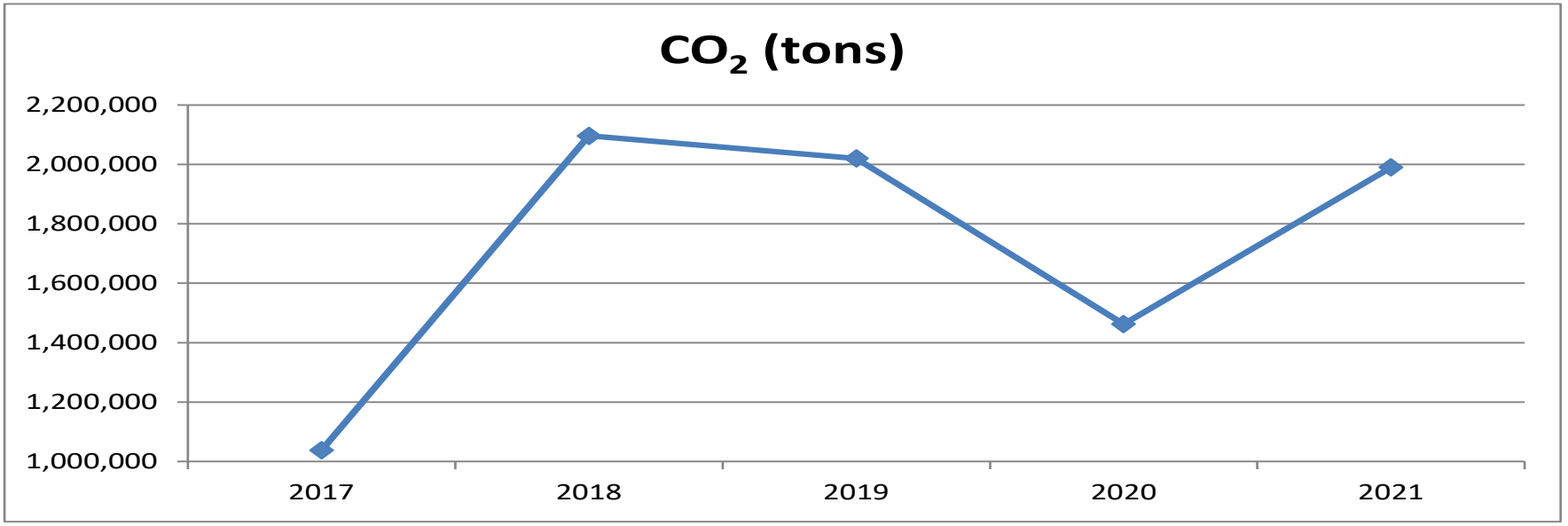


SO_2 was lower in 2017 due to higher removal rate settings to assure compliance with the MATS Rule.

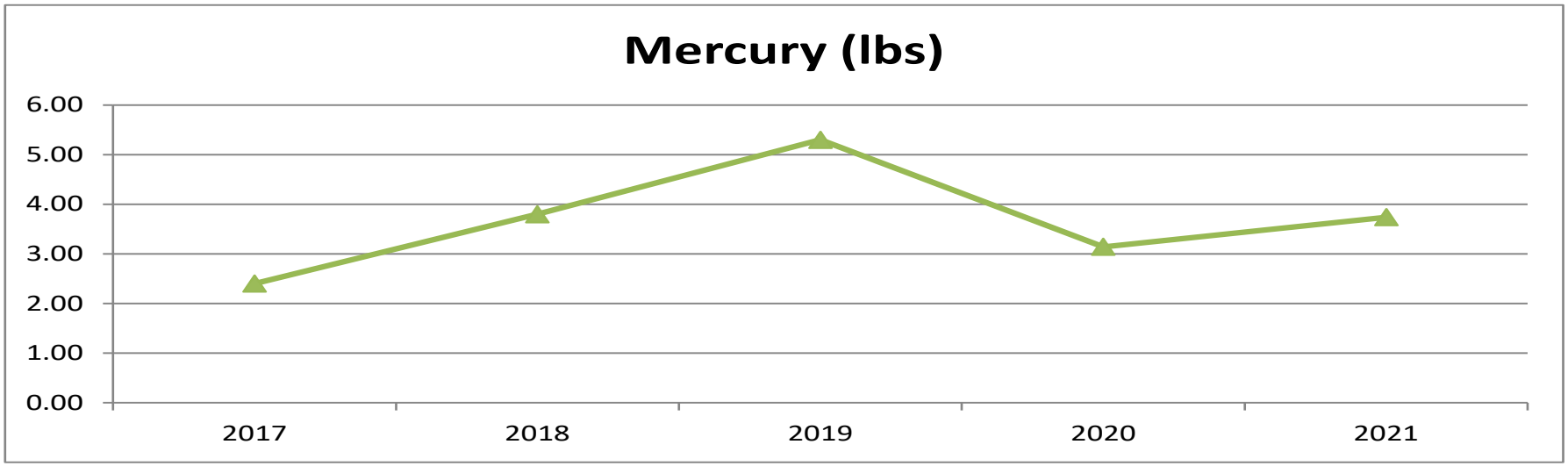
NO_X was higher starting in 2017 since the Cross State Rule was no longer in effect for Florida.

2018 and later data include DHR. 2017 did not include DHR.

Yearly Emissions

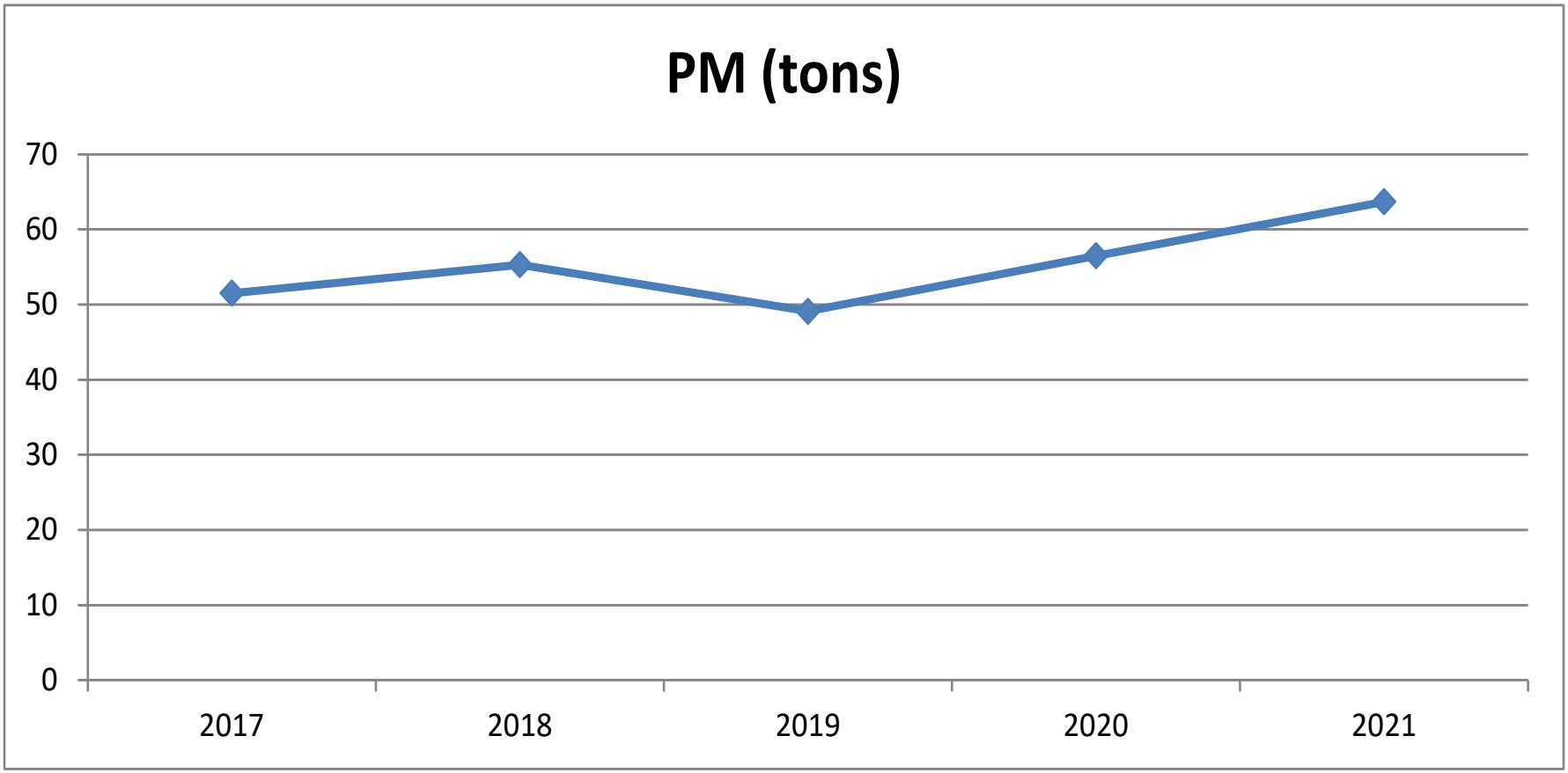


2018 and later data include DHR. The previous years did not include DHR.



Mercury was lower in 2017 due to a higher removal rate setting to assure compliance with the MATS with the MATS Rule.

Yearly Emissions



YTD - 2022 - 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	1.1	20.9			16,142.1			271,435.0	21,038.0
DH2	36.9	80.0	0.50	5.8	58,839.6			830,291.0	83,635.0
DHCT3	0.0	0.1			315.3			5,305.0	354.0
JRKCC1	0.4	18.9			78,601.0			1,322,636.1	153,522.0
DHR	1.3	21.4						693,547.2	53,869.0
TOTAL	**39.7**	**141.3**	**0.50**	**5.8**	**153,898.0**			**3,123,214.3**	**312,418.0**

TOTALS without DHR

	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	1.1	20.9			16,142.1			271,435.0	21,038.0
DH2	36.9	80.0	0.50	5.8	58,839.6			830,291.0	83,635.0
DHCT3	0.0	0.1			315.3			5,305.0	354.0
JRKCC1	0.4	18.9			78,601.0			1,322,636.1	153,522.0
Total Without DHR	38.4	119.9	0.501	5.8	153,898.0			2,429,667.1	258,549.0

2022 - 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	0.0	11.0			8,477.1			142,644.0	10,964.0
DH2	8.8	23.5	0.15	1.8	15,406.3			207,179.0	20,442.0
DHCT3	0.0	0.0			119.2			2,006.0	132.0
JRKCC1	0.2	8.5			36,100.6			607,470.6	70,127.0
DHR	1.2	19.0						633,095.1	49,895.0
TOTAL	**10.2**	**62.0**	**0.15**	**1.8**	**60,103.2**			**1,592,394.7**	**151,560.0**

Totals without DHR

	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	0.0	11.0			8,477.1			142,644.0	10,964.0
DH2	8.8	23.5	0.15	1.8	15,406.3			207,179.0	20,442.0
DHCT3	0.0	0.0			119.2			2,006.0	132.0
JRKCC1	0.2	8.5			36,100.6			607,470.6	70,127.0
Without DHR	9.0	43.0	0.15	1.8	60,103.2			959,299.6	101,665.0

WATER/WASTEWATER

PRODUCTION

MAINTENANCE

Water/Wastewater February 2022 Dashboard

Production

Murphree Water Treatment Plant

	February 22	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
Average Daily Flow	22.7	23	30	77%	
Peak Daily Flow	26.2	25.9	54	48%	

Main Street Water Reclamation Facility

	February 22	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
Average Daily Flow	5.46	5.79	7.5	77%	

Kanapaha Water Reclamation Facility

	February 22	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
Average Daily Flow	11.6	12.3	14.9	83%	

Water Reclamation Facilities (Combined)

	February 22	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
Average Daily Flow	17.1	18.1	22.4	81%	

Maintenance

Wastewater Collections

	February 2022 (Miles	FYTD	Monthly Goal (miles)	
Miles of gravity mains cleaned	2.08	26.16	5.0	
Miles of gravity mains TV inspected	2.44	25.79	5.0	

Water Distribution

	February 2022	FYTD	Monthly Goal	
Number of Water Services Replaced	72	348	75	

SSO Monthly Summary

	February 2022	YTD	GOAL (annual)	
Sanitary Sewer Overflows	1	9	<22	

Major Projects and Other Updates

Recharge Wetland: Presentations were made at the UAB and City Commission in February. The next step of the project was approved to allow us to negotiate the progressive design build contract with the top ranked firm Wharton-Smith.

MSWRF Progressive Design Build - Grant applications submitted, completion of planning phase. Final scope has been determined (reduced) to meet budgetary requirements. Beginning detailed design.