



HURRICANE CITY

UTAH

Mayor
Nanette Billings

City Manager
Kaden C. DeMille

Power Board
Mac J. Hall, Chair
Jerry Brisk
Pam Humphries
Dave Imlay
Joseph Prete
Charles Reeve

Power Board Meeting Agenda

2/1/2023

3:00 PM

Power Department Meeting Room – 526 W 600 N

Notice is hereby given that the Power Board will hold a Regular Meeting in the Power Department Meeting room located at 526 W 600 N, Hurricane, UT. A silent roll call will be taken, along with the Pledge of Allegiance and prayer by invitation.

AGENDA

1. Pledge of Allegiance
2. Prayer

STAFF REPORTS

Scott Hughes/Power Director
Brian Anderson/Transmission & Distribution Superintendent
Mike Ramirez/Service Superintendent
Jared Ross/Substation & Generation Superintendent

BUDGET

OLD BUSINESS

1. Discussion regarding additional Generation
2. Commercial EV Charging Stations Discussion

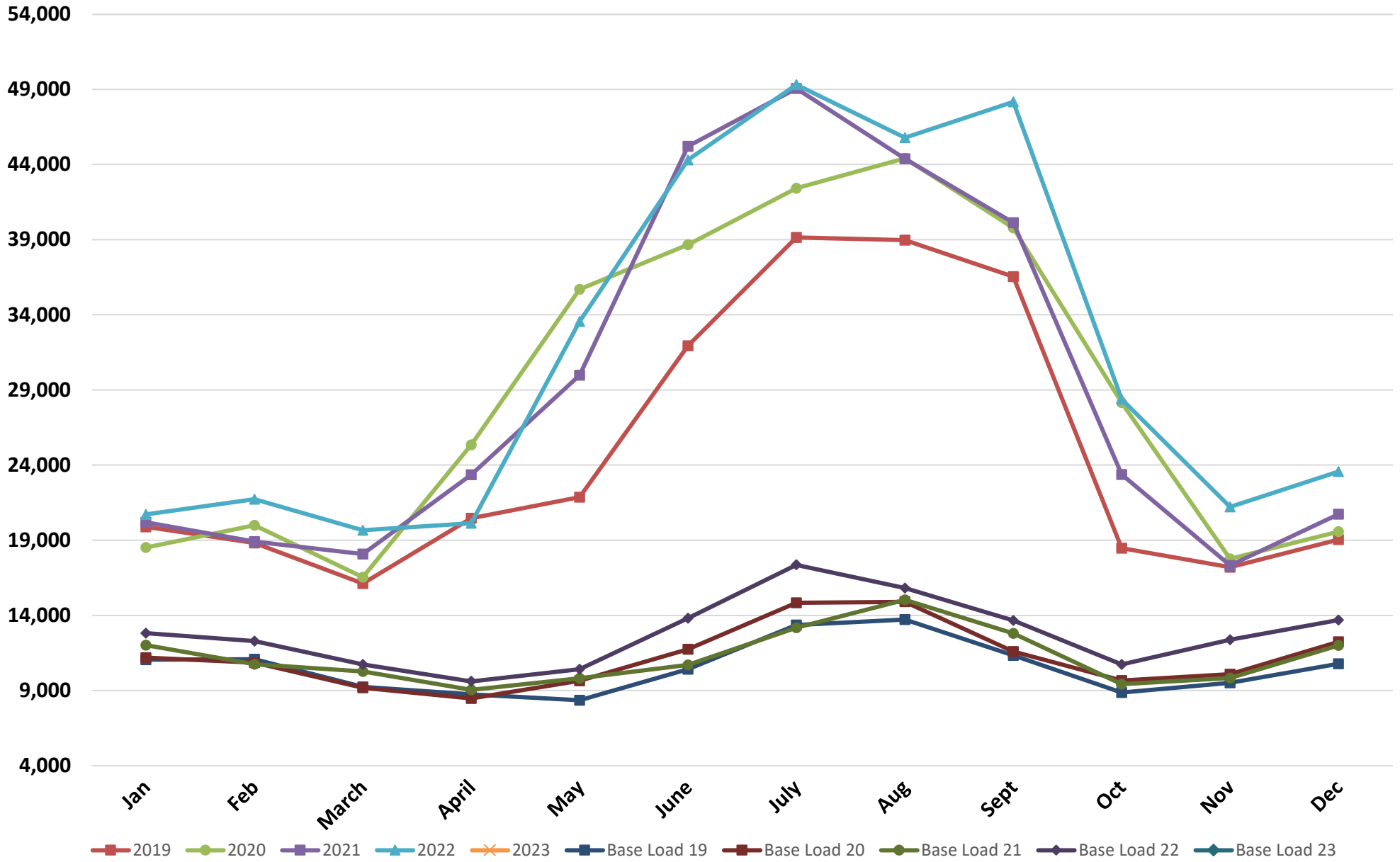
NEW BUSINESS

1. UAMPS Updates

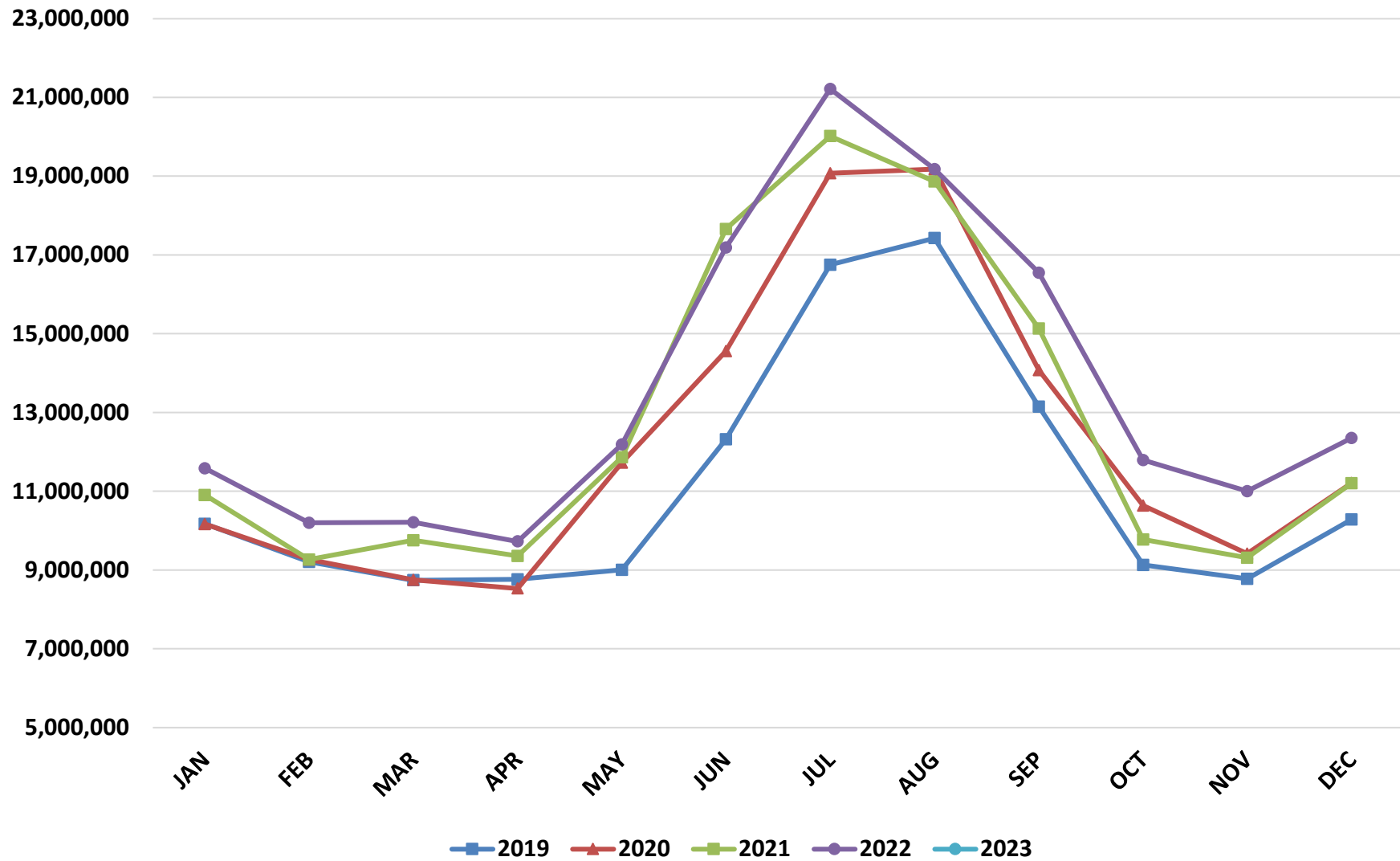


BUDGET

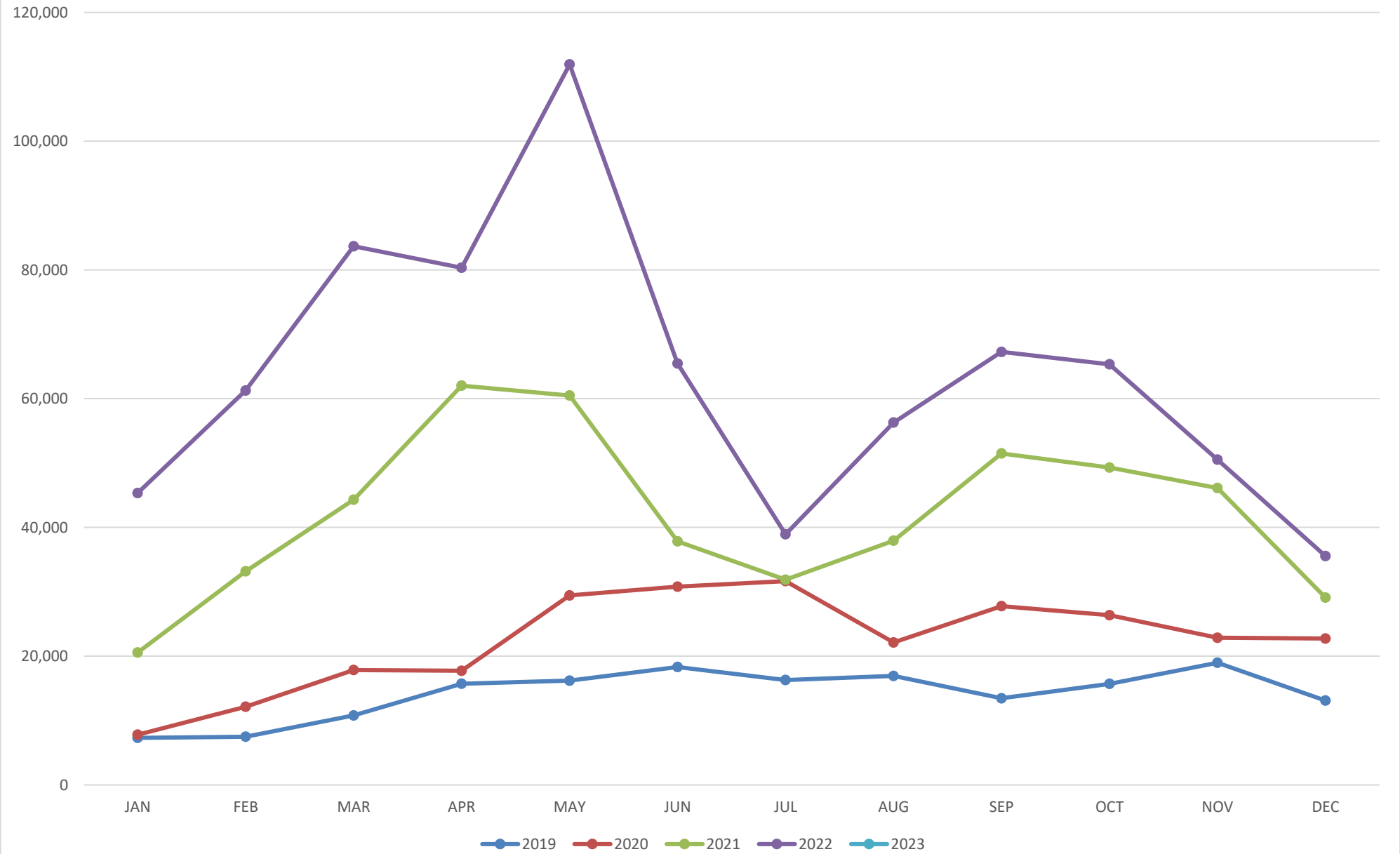
2019 - 2023 KW LOAD



2019 - 2023 KWH LOAD



Solar Kwh



AVERAGE YEARLY POWER PRICES

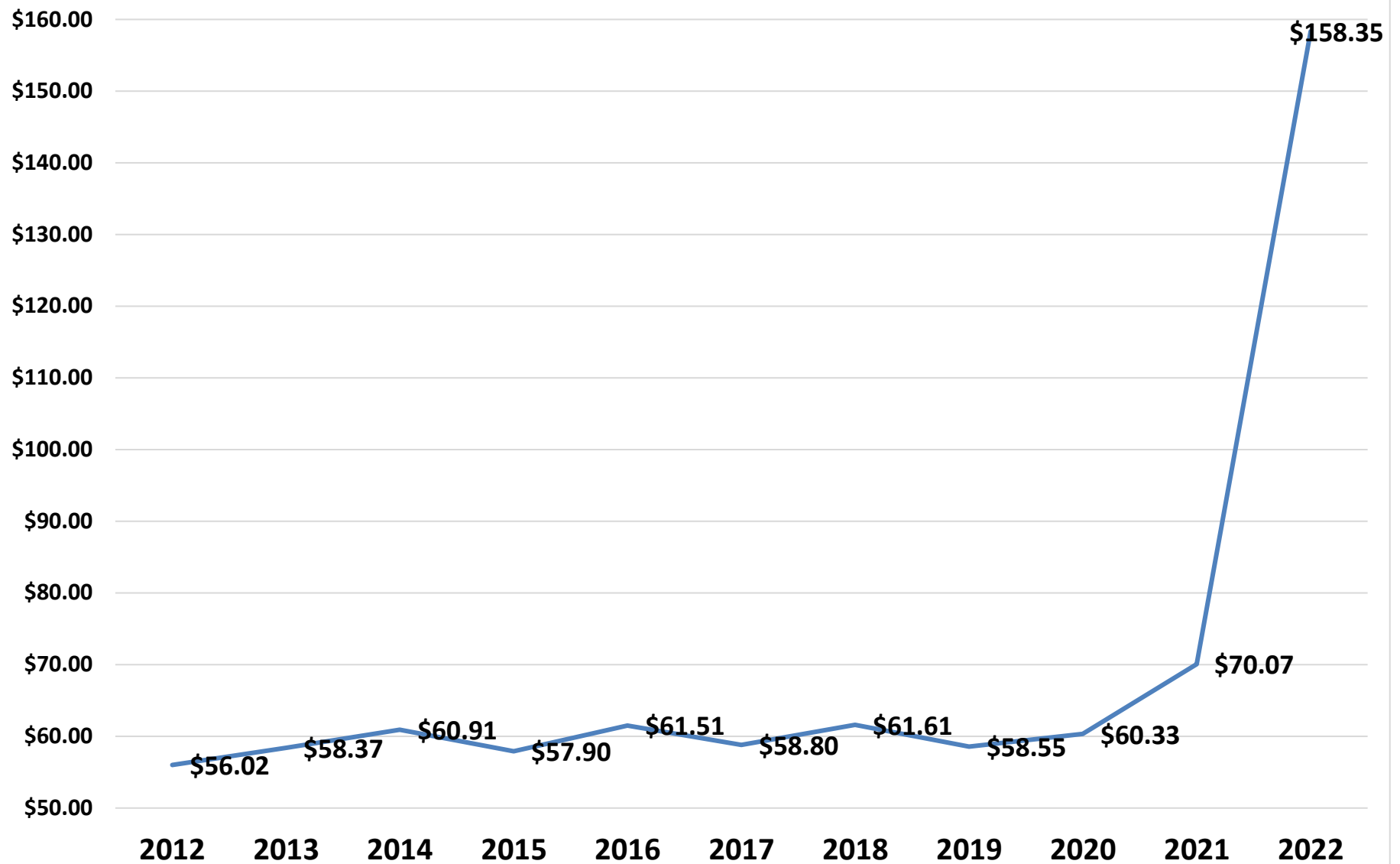
22-23 bdgt amount **\$0.00**
 BDGT Year to Date **\$74.87**

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<i>Jan</i>	\$56.66	\$60.76	\$58.36	\$59.86	\$57.87	\$59.07	\$60.62	\$59.75	\$57.76	\$60.14	\$68.25
<i>Feb</i>	\$59.78	\$58.15	\$64.45	\$65.94	\$62.38	\$63.04	\$60.96	\$67.00	\$60.67	\$63.19	\$70.88
<i>Mar</i>	\$57.28	\$63.50	\$60.83	\$62.03	\$61.77	\$60.99	\$60.09	\$65.17	\$64.67	\$63.64	\$67.28
<i>Apr</i>	\$55.43	\$63.77	\$63.75	\$61.88	\$59.71	\$59.49	\$55.02	\$55.44	\$55.92	\$61.86	\$82.63
<i>May</i>	\$53.31	\$60.28	\$61.64	\$64.71	\$65.51	\$60.32	\$58.86	\$58.55	\$58.55	\$59.69	\$72.66
<i>June</i>	\$50.09	\$56.05	\$59.15	\$58.30	\$65.51	\$58.54	\$52.17	\$55.30	\$53.44	\$86.91	\$77.60
<i>Jul</i>	\$51.16	\$55.62	\$56.85	\$56.91	\$56.95	\$58.29	\$67.87	\$54.29	\$55.98	\$81.04	\$85.31
<i>Aug</i>	\$51.57	\$55.49	\$56.84	\$55.27	\$57.67	\$59.00	\$66.55	\$54.58	\$78.40	\$72.03	\$90.89
<i>Sep</i>	\$54.79	\$58.80	\$59.46	\$56.06	\$56.97	\$62.36	\$55.00	\$54.34	\$64.93	\$82.38	\$127.29
<i>Oct</i>	\$62.68	\$60.35	\$61.42	\$56.97	\$59.23	\$59.79	\$59.36	\$59.70	\$62.82	\$75.92	\$83.45
<i>Nov</i>	\$63.37	\$61.65	\$63.03	\$59.68	\$64.18	\$62.14	\$64.60	\$63.80	\$63.60	\$70.47	\$96.34
<i>Dec</i>	\$56.02	\$58.37	\$60.91	\$57.90	\$61.51	\$58.80	\$61.61	\$58.55	\$60.33	\$70.07	\$158.35
<i>Yr Avg</i>	\$56.01	\$59.40	\$60.56	\$59.63	\$60.64	\$60.15	\$60.23	\$58.87	\$61.42	\$70.61	\$90.08
<i>Weighted Avg</i>	\$55.22	\$58.80	\$60.34	\$58.99	\$59.55	\$59.90	\$60.56	\$58.11	\$61.98	\$72.46	\$91.20

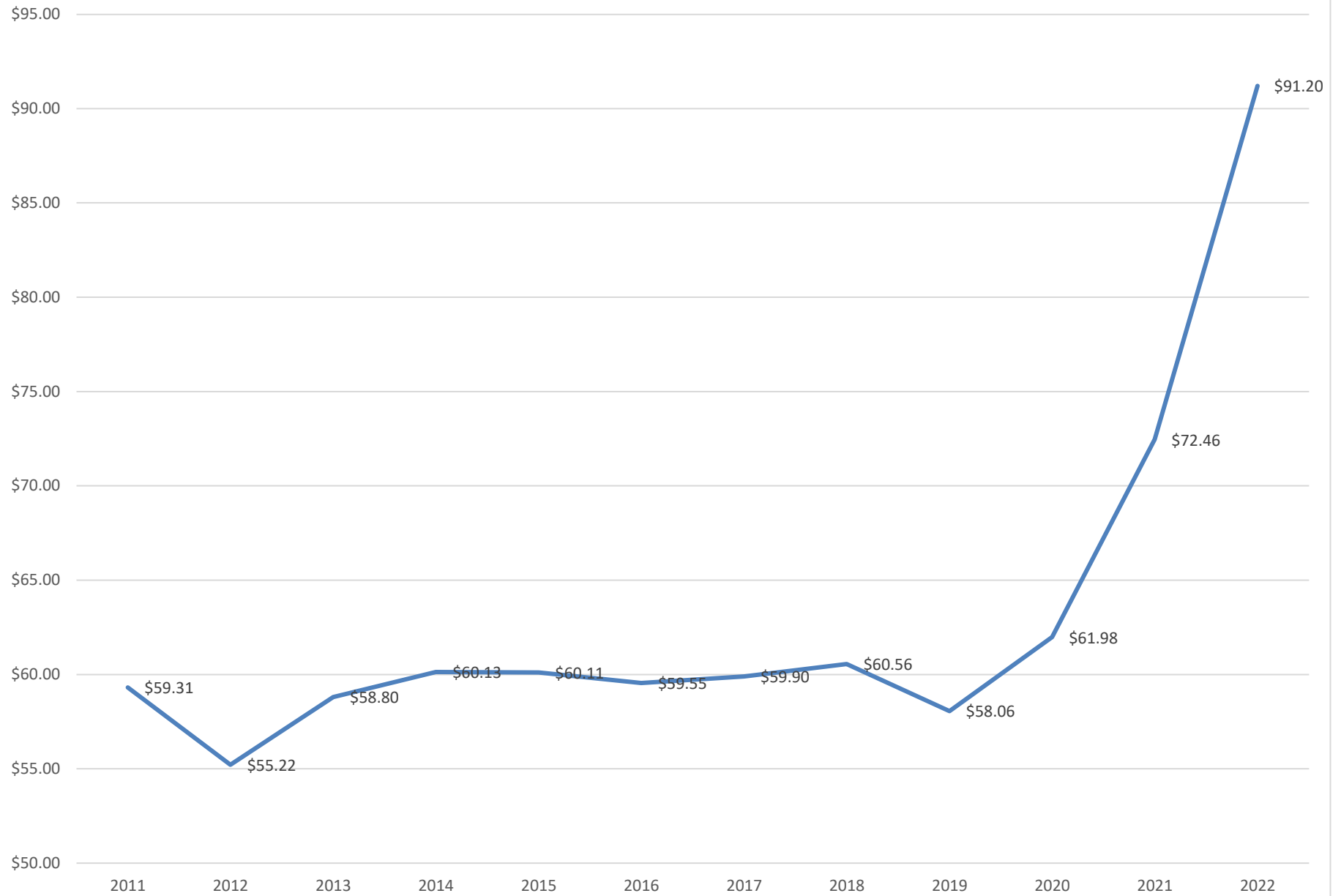
**Cy to
Date**

These figures capture the total cost of power to the power department. The power department uses costs only associated with the purchasing and generation of power and includes debt payments and interest associated with power resources.

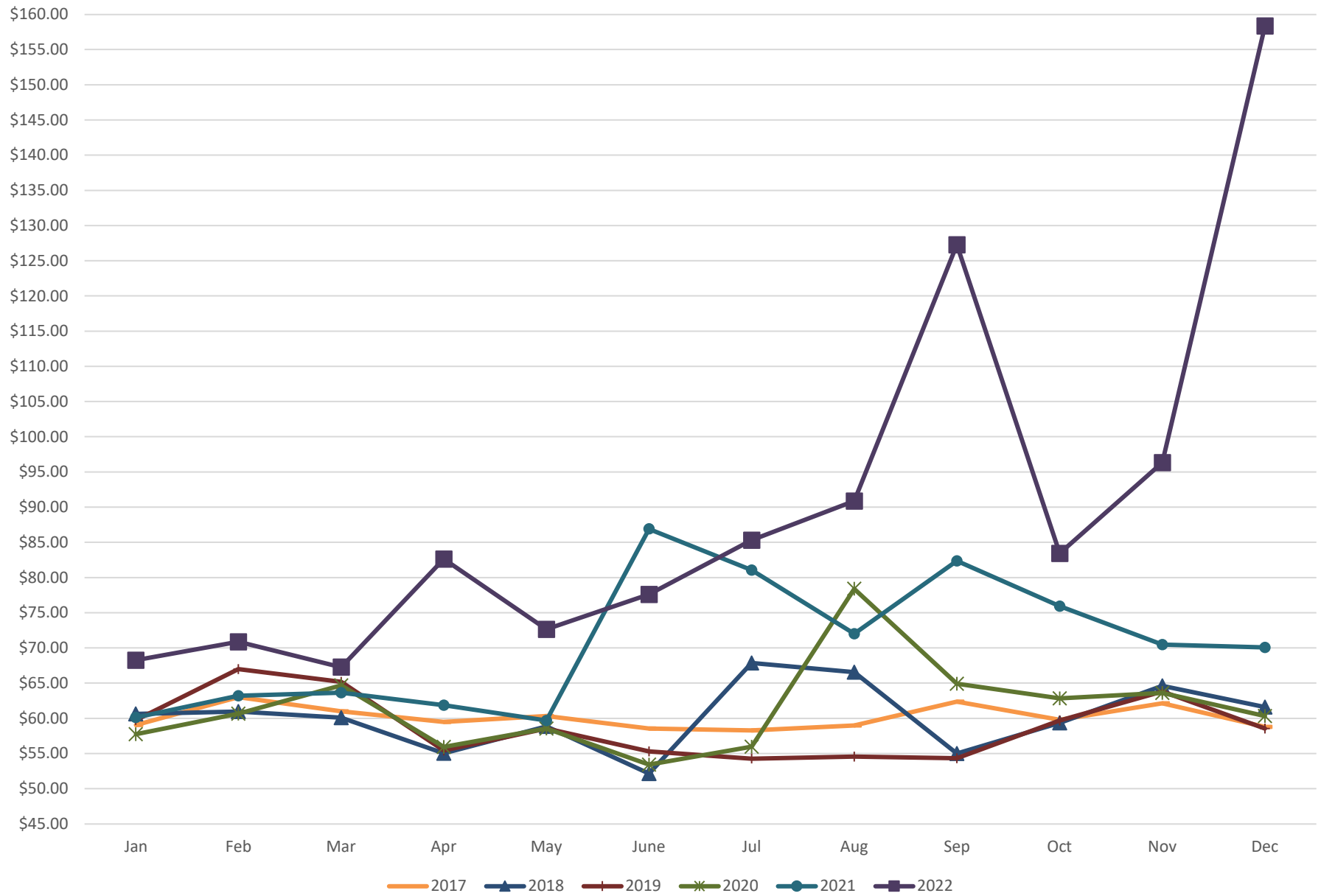
Dec



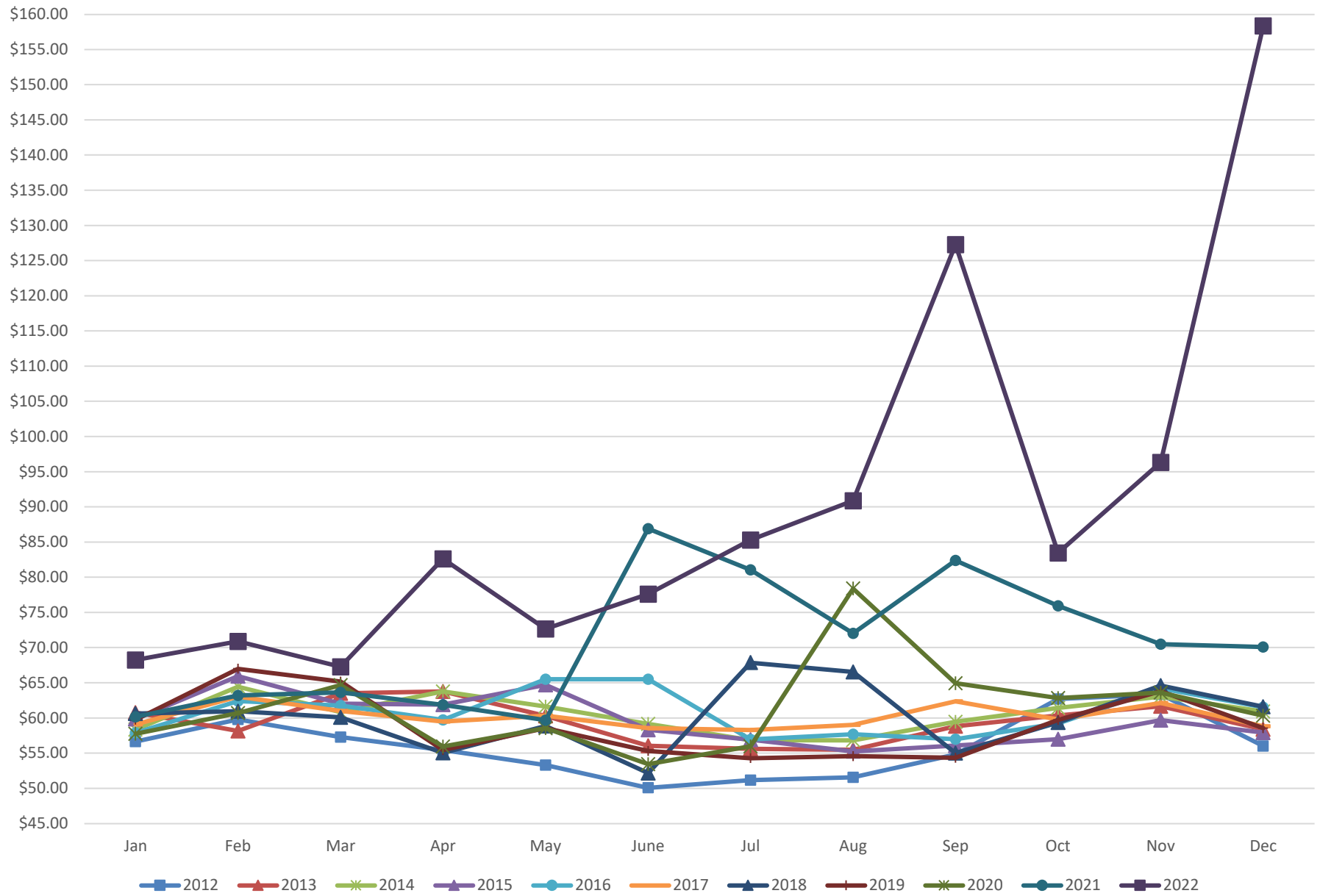
Weighted Average

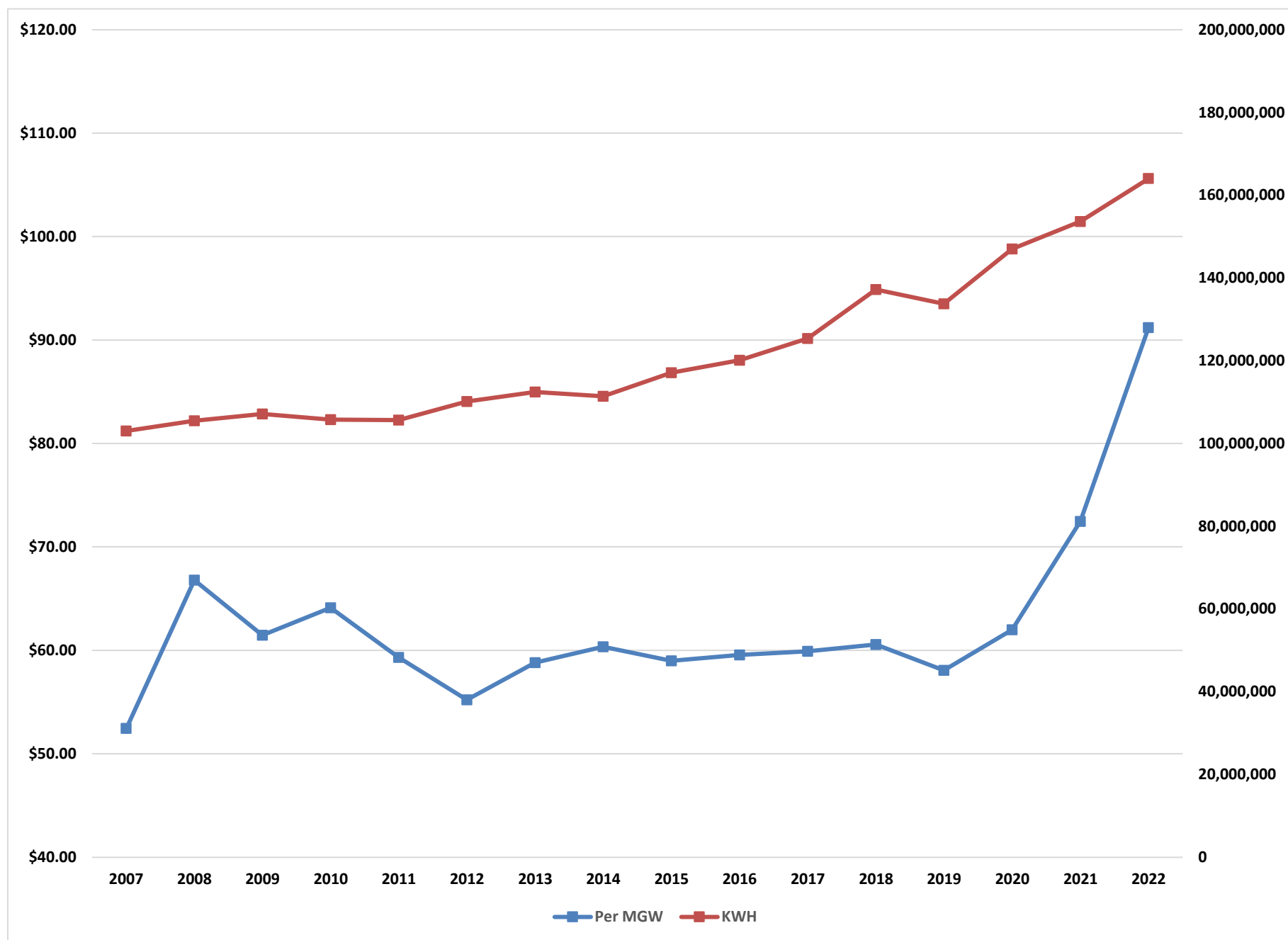


Avg Monthly Price (5 Yrs)

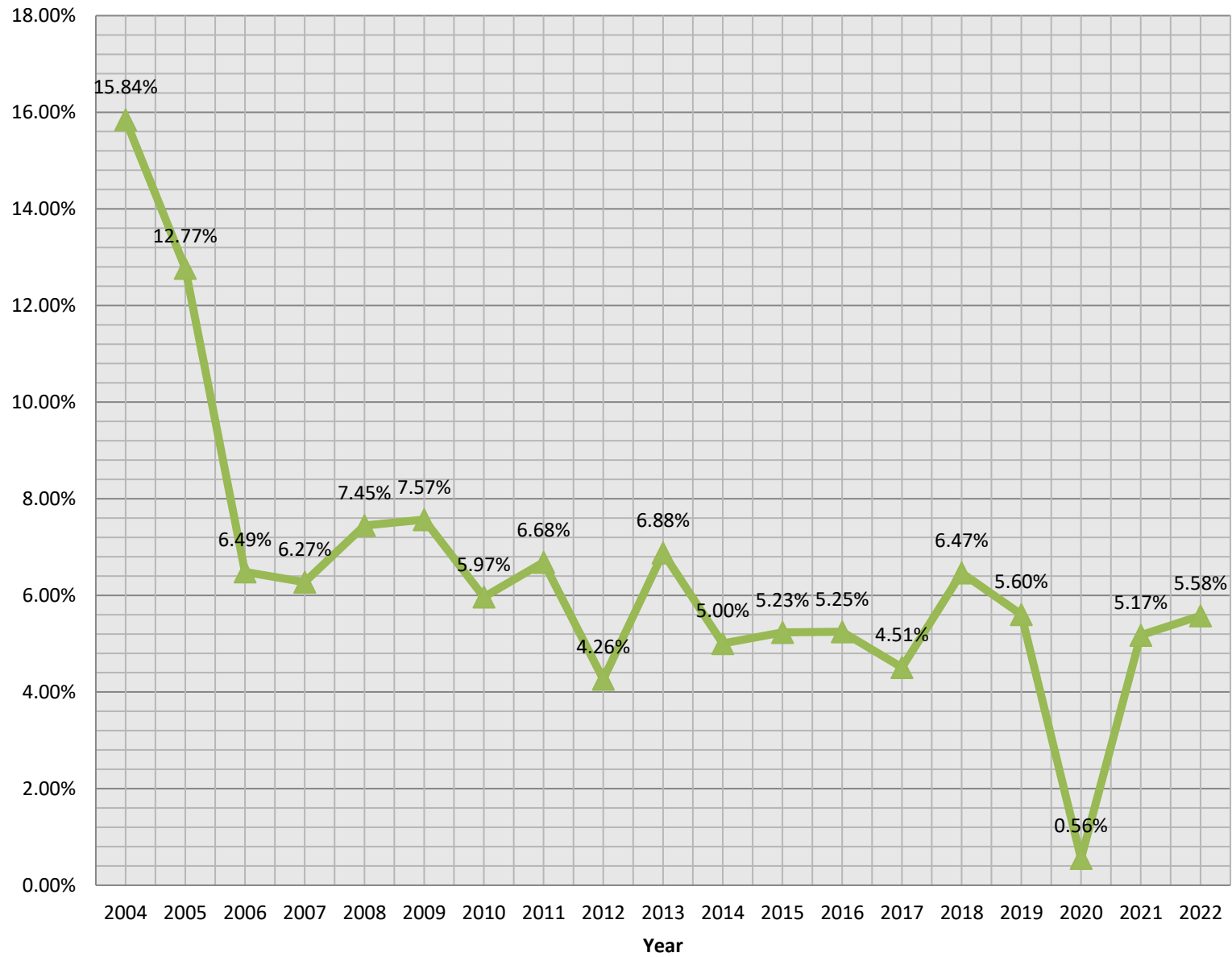


Avg Monthly Price

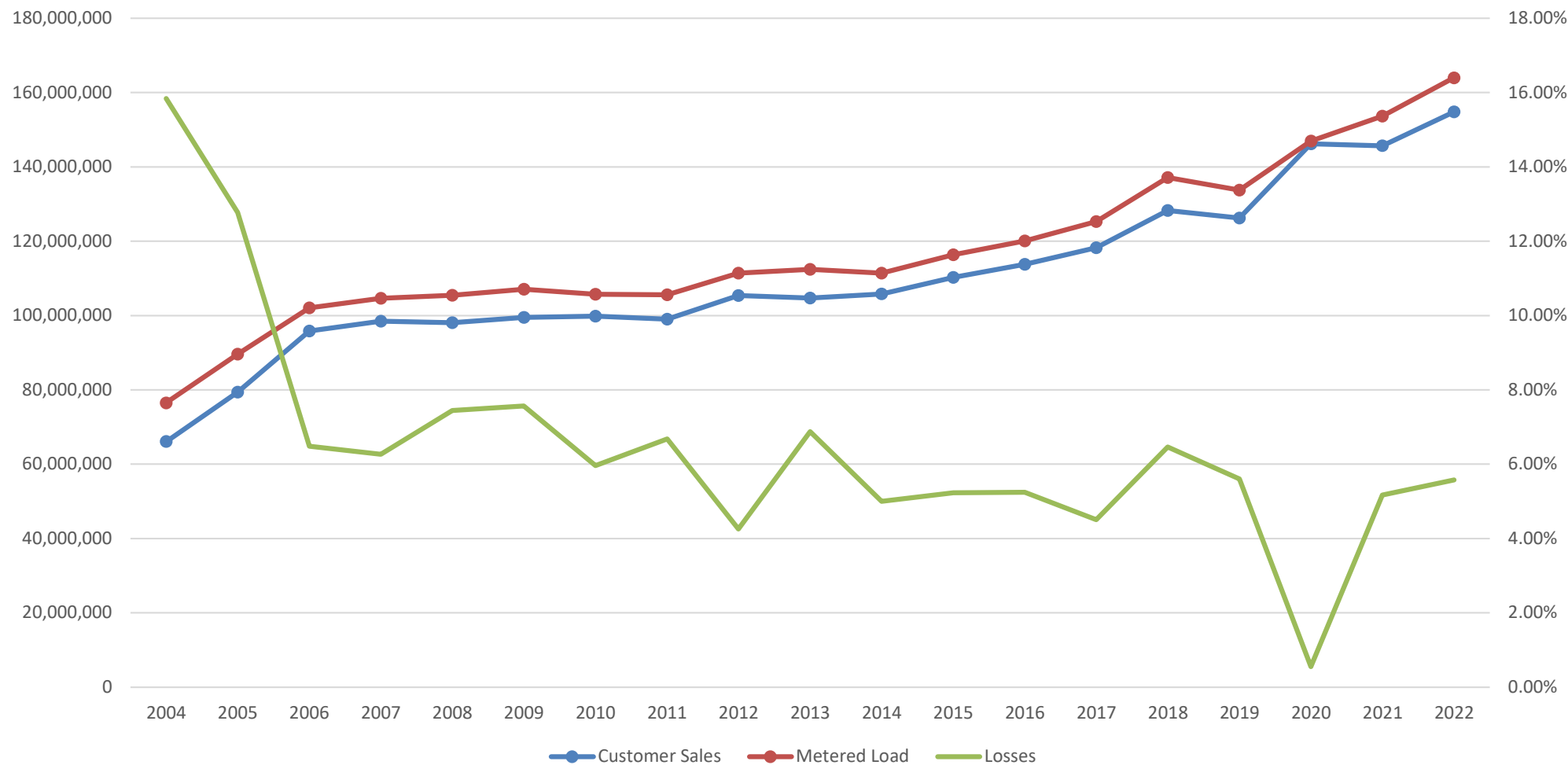




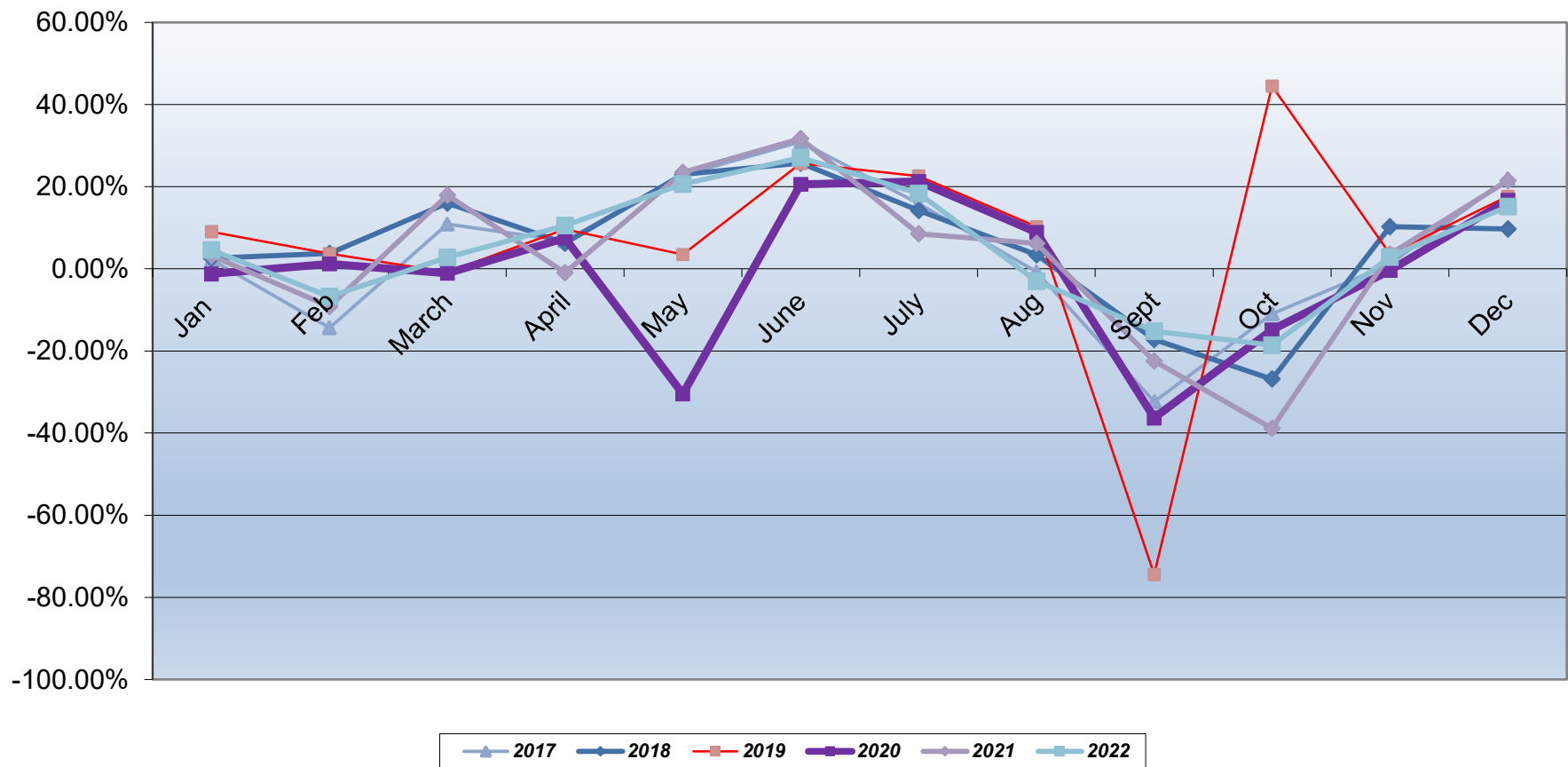
Hurricane Annual Energy Losses

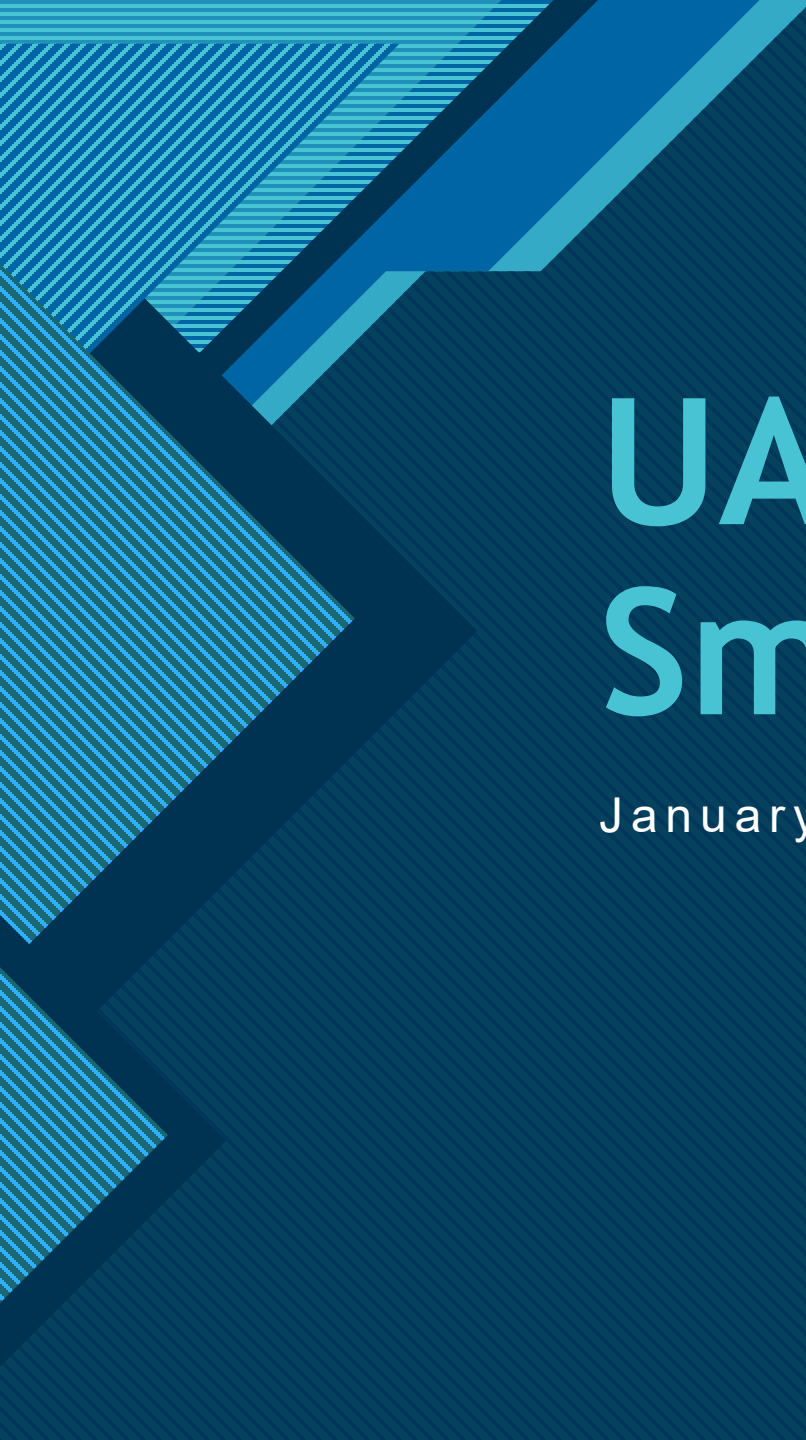


Annual Energy Loss



2017-2022 Energy Losses by Month





UAMPS SmartEnergy

January 18, 2023

Home Energy Savings Program

April 1 2022 - January 18, 2023

Participant	Clothes Washer 36 kWh	Refrigerator 193 kWh	Freezer 133 kWh	Dishwasher 36 kWh	Room A/C 92 kWh	Port. Evap. 803 kWh	Lighting Fixtures 34 kWh	Water Heater 73 kWh	Lighting Sensor 34 kWh	Smart Switch 34 kWh	Total kW Savings
Blanding											0
Brigham				1							36
Enterprise											0
Ephraim											0
Fairview				2							72
Fillmore											0
Holden											0
Hurricane		1		1							229
Hyrum	1			1							164
Kanosh											0
Kaysville	1	3		2			5				949
Lehi	4	1		6	1		10				1,353
Morgan				1							36
Mt. Pleasant		1		1							229
Oak City											0
Payson				2							72
Price											0
Santa Clara				1							36
Springville				1							36
SUVESD		1		1				1			302
Washington	1	1									321
TOTAL	7	8	0	20	1	0	15	1	0	0	3,835 kWh

Cool Cash Program

April 1 2022 - January 18, 2023

Participant	15+ Seer 341 kWh	17+ Seer 530 kWh	20+ Seer 742 kWh	A/C Properly Sized 319 kWh	A/C Properly Installed 319 kWh	Evap. Ist Install 1,406 kWh	Evap. Replacement 1,406 kWh	Evap. Premium 1,406 kWh	Evap. Premium Ducted 1,406 kWh	Total kW Savings
Blanding										2,488
Brigham	2	1		2	2					0
Enterprise										0
Fairview										0
Fillmore										0
Holden										0
Hurricane	3									1,023
Hyrum	2				1					1,001
Kanosh										0
Kaysville	5			2	1					2,662
Lehi	2	1	1							1,954
Morgan		1								530
Mt. Pleasant										0
Oak City										0
Payson	1			1	1					979
Price										0
Santa Clara										0
Springville	2			1	1					1,320
Washington										0
Total	17	3	1	6	6	0	0	0	0	11,957 kWh

Cool Cash Program (cont.)

April 1 2022 - January 18, 2023

Participant	Ductless Heat Pump	Heat Pump	Gas Furnace	Smart Thermostat	Total kW Savings
	2,824 - 5,654 kWh	793 kWh	523 kWh	585 kWh	
Blanding					0
Brigham				3	1,755
Enterprise					0
Fairview					0
Fillmore					0
Holden					0
Hurricane				1	585
Hyrum				2	1,170
Kanosh					0
Kaysville		1		8	5,473
Lehi				22	12,870
Morgan					0
Mt. Pleasant					0
Oak City					0
Payson					0
Price					0
Santa Clara					0
Springville					0
Washington				9	5,265
Total	0	1	0	45	27,118 kWh

See “Ya” Later Refrigerator Program

April 1 2022 - January 18, 2023

Participant	# of Refrigerators	Total kW Savings
Blanding		
Fairview		
Fallon	2	3,124
Fillmore		
Holden		
Hyrum	2	3,124
Kanosh		
Kaysville	7	10,934
Lehi	22	34,364
Morgan	6	9,372
Mt. Pleasant	11	17,182
Payson	2	3,124
Price		
Springville	4	6,248
Washington	1	1,562
Total	57	154,638 kW

See “Ya” Later Refrigerator Program

April 1 2022 - January 18, 2023

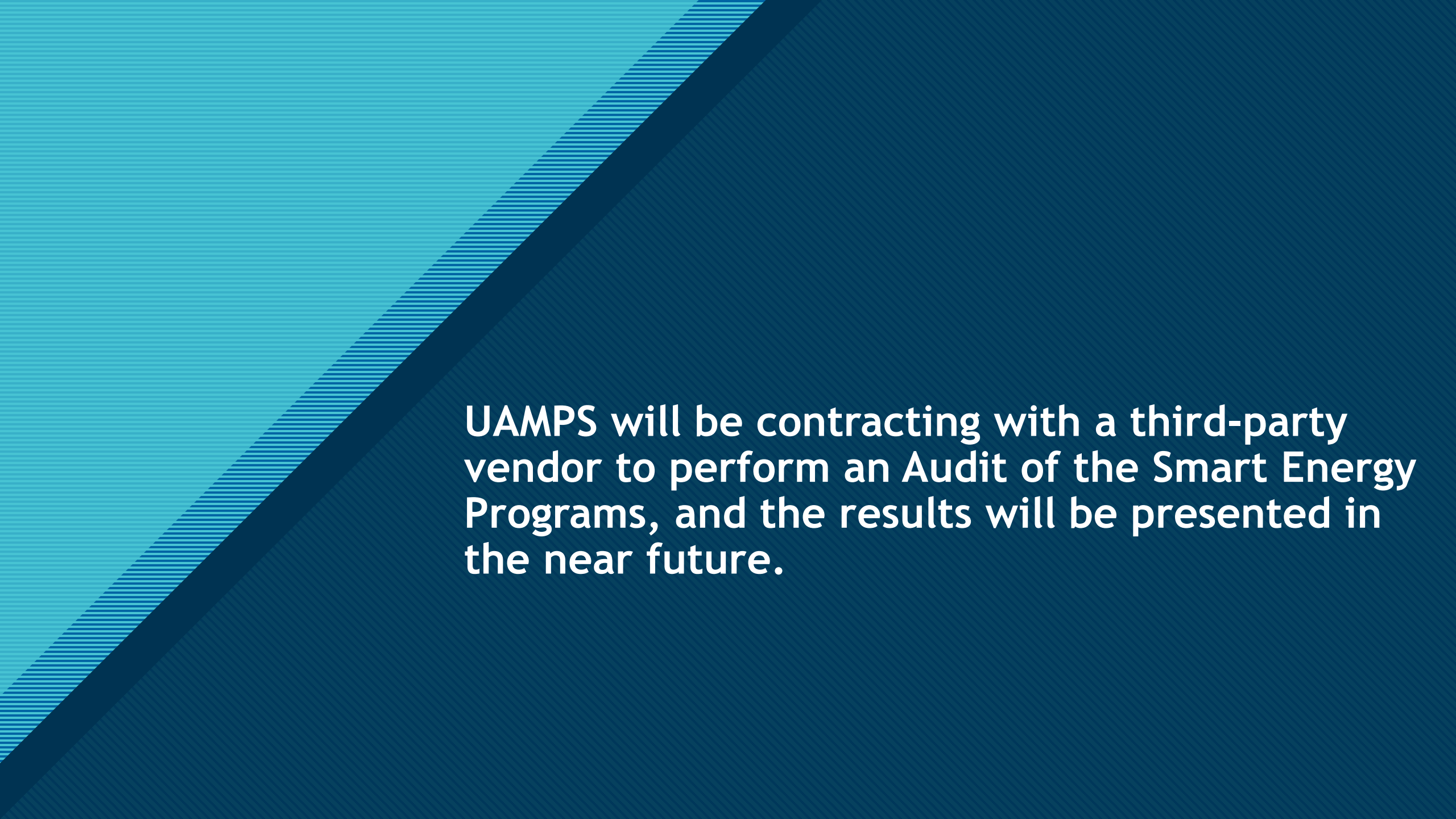
Participant	# of Refrigerators	Total kW Savings
Blanding		
Fairview		
Fallon	2	3,124
Fillmore		
Holden		
Hyrum	2	3,124
Kanosh		
Kaysville	7	10,934
Lehi	22	34,364
Morgan	6	9,372
Mt. Pleasant	11	17,182
Payson	2	3,124
Price		
Springville	4	6,248
Washington	1	1,562
Total	57	154,638 kW

UAMPS can tailor programs to meet the City's need:

Adjust Rebate Amounts

Offer rebates on all Energy Star Appliances

Offer advertising materials for City's use, i.e. magnets, pamphlet's, flyers, social media posts



UAMPS will be contracting with a third-party vendor to perform an Audit of the Smart Energy Programs, and the results will be presented in the near future.

Steel Solar 1A and 1B PPA Update

Firm PMC

January 18, 2023



Steel 1A and 1B PPA Status Update

- Construction will slow down while waiting on panels
- Back feed from RMP in early February
- No solar panel update
 - DESRI has not heard that LONGi panels are getting through Customs and Border Protection
 - Looking again at panel alternatives
 - DESRI will have additional information by the end of January for meeting with UAMPS