

FEBRUARY 2023

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2	3	4
5	6 7:00pm City Council Meeting	7	8	9	10	11
12	13	14	15	16	17	18
19	20 6:00pm Parks and Rec Committee 6:00pm Tree Commission 7:00pm City Council Meeting	21	22 6:30pm Parks and Rec Board	23 7:00pm Safety and Human Resource Committee Joint Meeting with the Townships	24	25
26	27	28 4:30pm Civil Service Commission				



City of Napoleon, Ohio

*255 West Riverview Avenue, P.O. Box 151
Napoleon, OH 43545
Telephone: (419) 592-4010 Fax: (419) 599-8393
www.napoleonohio.com*

Memorandum

To: Electric Committee, City Council, Mayor,
City Manager, City Finance Director, City Law
Director, Department Supervisors, News-media

From: MARRISA FLOGAUS, Clerk

Date: February 10, 2023

Subject: Electric Committee Meeting Canceled

The Electric Committee meeting scheduled for Monday,
February 13, 2023 at 6:30 pm has been CANCELED by the chair.



To: Andy Small & Kevin Garringer
From: Craig Kleinhenz – AVP of Power Supply Planning
Subject: Napoleon 2022 Wholesale Power Costs
Date: 1/31/2023

Attached are summaries of wholesale power supply costs for 2022. Power rates for Napoleon ended the year at \$88.08 / MWh, which is approximately 9.9% (\$7.96 / MWh) higher than forecast and 9.1% (\$7.34 / MWh) higher than 2021 rates.

For the year, Napoleon used 153,441 MWh of energy. This is a 0.2% decrease from 2021 and 0.4% above our 2022 forecast.

Fremont Energy Center saw higher than expected costs for natural gas which added \$4.25 / MWh to overall rates but also generated more than forecasted which lowered rates by \$2.00 / MWh by protecting Napoleon from higher priced market power.

Prairie State saw high congestion costs (transportation costs) through MISO and higher than expected replacement power costs. This resulted in an approximate \$2.25 / MWh impact on overall rates.

Congestion (the cost of transporting power to the AMP-ATSI LMP) was higher than expected which increased rates by approximately \$2.50 / MWh.

Higher than forecasted market energy prices resulted in an approximate \$2.50 /MWh increase to overall rates (budget prices were set June of 2021).

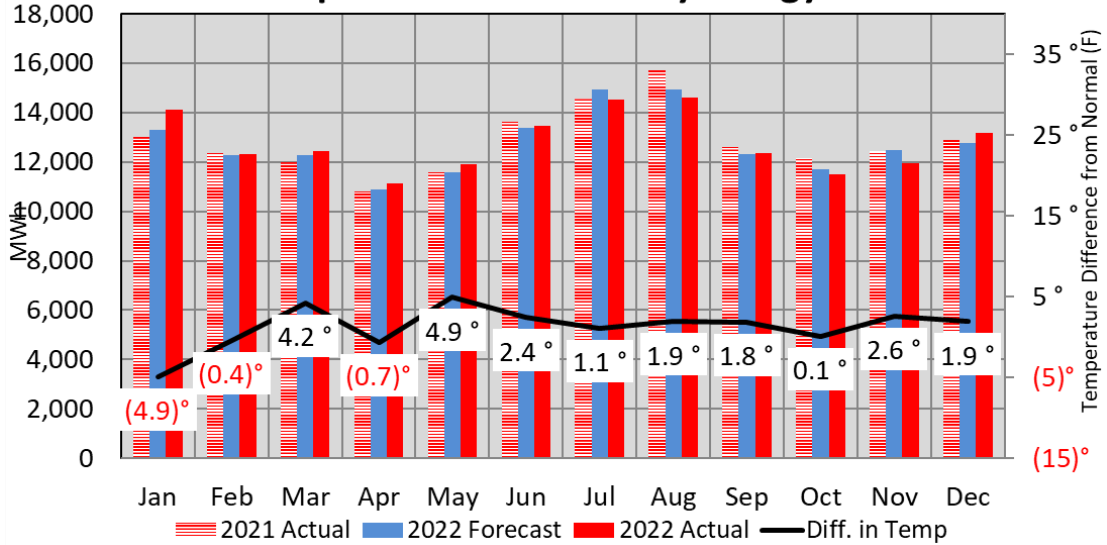
Transmission Energy charges came in higher than expected and added an extra \$1.00 / MWh to Napoleon's Rate for 2022. Most of the difference occurred during the December 23rd-26th period.

All hydro facilities saw stronger than expected production this year. This resulted in a decrease in rates of approximately \$2.25 / MWh. In addition to the extra output, AMP Hydro rates were lowered by a \$10 million credit due to excess funds.

Included below is a chart showing Napoleon's monthly energy usage compared to forecast and a table containing 2022 peak data. Energy sources and rates for 2022 are shown on the following pages. Please contact me with any questions (ckleinhenz@amppartners.org or 614-623-7553).



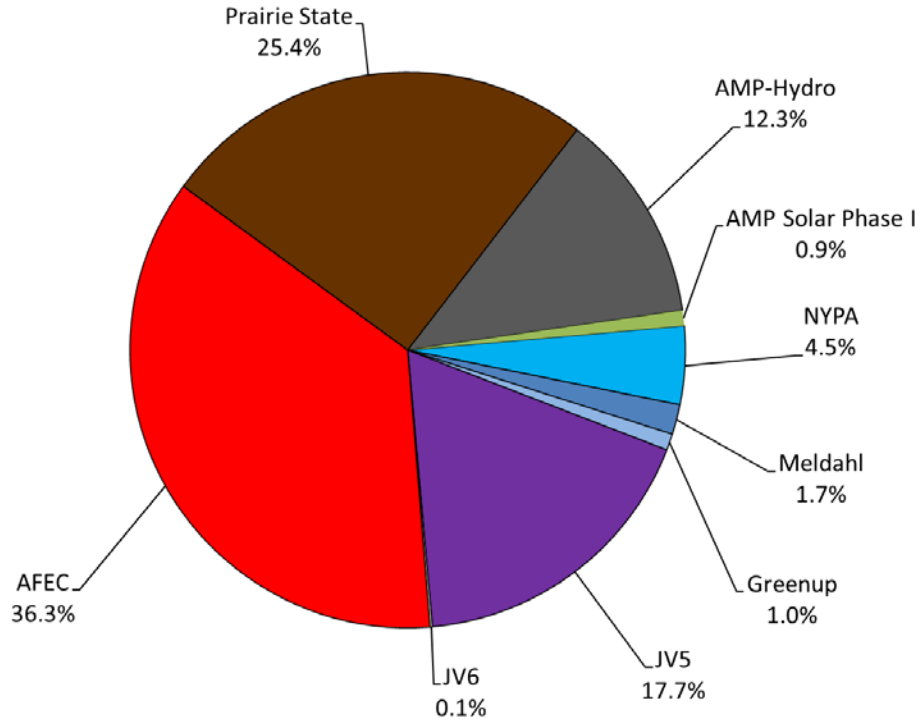
Napoleon 2022 Monthly Energy



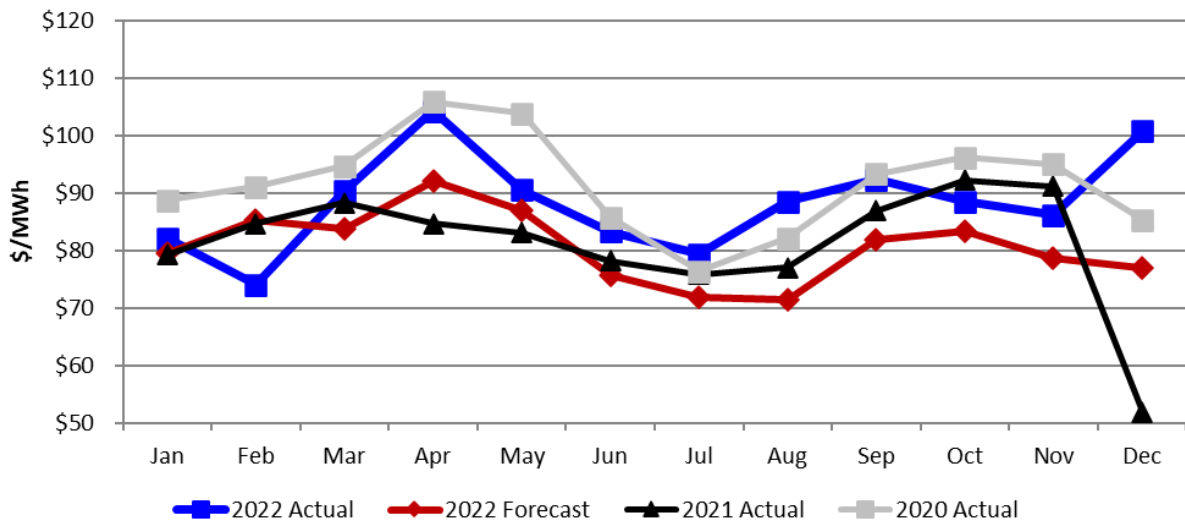
Napoleon	2022	2021	2020	2019
Peak Demand (MW)	30.78	30.72	30.69	30.82
Month & Day	Jun 15	Aug 24	Jul 08	Jul 19
Hour Ending (EST)	15	17	14	14
Temp. During Peak	97°	93°	96°	96°



Napoleon 2022 Energy Sources



Napoleon 2022 Monthly Rate Summary





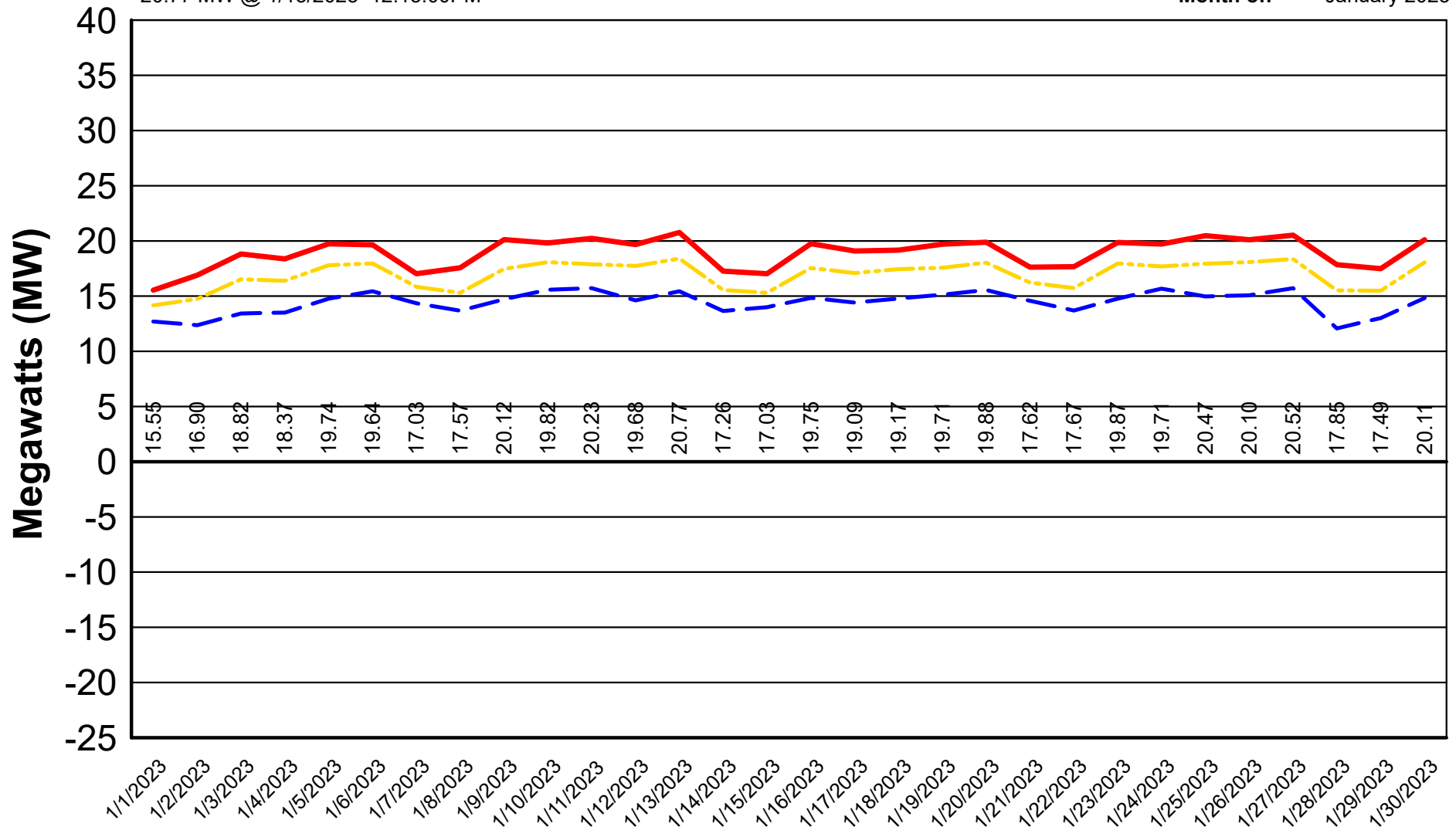
Napoleon ACTUAL COSTS														
Annual 2022		ACTUAL DEMAND =		30.78	MW								01/31/2023	
Days	365	ACTUAL ENERGY =		153,441	MWH									
SOURCE	DEMAND MW	DEMAND MW-MO	ENERGY MWH	LOAD FACTOR	DEMAND RATE \$/KW	ENERGY RATE \$/MWH	CONGESTION/L OSSES \$/MWH	CAPACITY CREDIT \$/KW	TRANSMISSION CREDIT RATE \$/KW	TOTAL CHARGES	EFFECTIVE RATE \$/MWH	% OF DOLLARS		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(16)	(17)	(18)		
1	NYPA - Ohio	0.94	11.28	6,938	84%	\$4.08	\$26.30	\$2.20	-\$3.05	\$209,349	\$30.17	1.5%		
2	JV5	3.09	37.06	27,051	100%	\$30.75	\$13.08		-\$3.07	\$1,153,109	\$42.63	8.5%		
3	JV5 Losses	0.00	0.00	394	0%					\$0	\$0.00	0.0%		
4	JV6	0.23	2.70	213	11%	\$7.99	-\$145.82		-\$0.41	-\$11,070	-\$52.01	-0.1%		
5	AMP-Hydro	3.50	41.98	18,724	61%	\$52.49	\$12.51	\$5.70	-\$3.40	\$2,401,707	\$128.27	17.8%		
6	Meldahl	0.50	6.05	2,655	60%	\$32.01	\$19.25	-\$0.48	-\$3.01	\$225,202	\$84.81	1.7%		
7	Greenup	0.33	3.96	1,456	50%	\$26.20	\$2.25	-\$1.21	-\$2.22	\$96,463	\$66.26	0.7%		
8	AFEC	8.77	105.21	55,412	72%	\$8.14	\$43.89	\$3.90	-\$3.01	\$3,188,000	\$57.53	23.6%		
9	Prairie State	4.98	59.71	38,762	89%	\$34.94	\$17.55	\$5.55	-\$2.55	\$2,829,310	\$72.99	20.9%		
10	AMP Solar Phase I	1.04	12.48	1,374	15%		\$41.28		-\$1.58	-\$9,533	-\$6.94	-0.1%		
11	AMPCT	12.40	148.80	383	0%	\$2.94	\$90.55		-\$2.35	-\$515,344	-\$1,344.22	-3.8%		
12	JV2	0.26	3.17	5	0%	\$3.01	-\$308.59		-\$3.11	-\$17,910	-\$3,713.40	-0.1%		
13	NPP Pool Purchases	0.00	0.00	10,371	0%		\$67.14			\$696,298	\$67.14	5.2%		
14	NPP Pool Sales	0.00	0.00	-11,083	0%		\$73.56			-\$815,280	\$73.56	-6.0%		
	POWER TOTAL	36.03	432.39	152,653	48%	\$7,098,099	\$3,877,388	\$550,073	-\$1,166,697	-\$928,564	\$9,430,299	\$61.78	69.8%	
15	Energy Efficiency	0.00	0.00	0						\$225,665	\$1.47	1.7%		
16	Installed Capacity	28.92	342.02	0		\$3.80				\$1,300,299	\$8.47	9.6%		
17	Transmission	30.32	363.84	125,603		\$6.12	\$1.93			\$2,468,128	\$16.09	18.3%		
18	Service Fee B			153,441			\$0.58			\$88,996	\$0.58	0.7%		
19	Dispatch Charge			153,441			\$0.01			\$1,414	\$0.01	0.0%		
	OTHER TOTAL					\$3,521,013	\$563,489				\$4,084,502	\$26.62	30.2%	
GRAND TOTAL PURCHASED				152,653							\$13,514,801			
Delivered to members		30.775		153,441							\$13,514,801	\$88.08	100.0%	
	2022 Forecast	DEMAND		ENERGY	L.F.					TOTAL \$	\$/MWh	Avg Temp		
	2021 Actual	31.66		152,755	55%					\$12,237,834	\$80.11	50.2		
	2020 Actual	30.72		153,675	57%					\$12,407,952	\$80.74	53.6		
	2018 Temp	30.69		148,510	55%					\$13,444,797	\$90.53	53.3		
												52.7		

Napoleon Power & Light

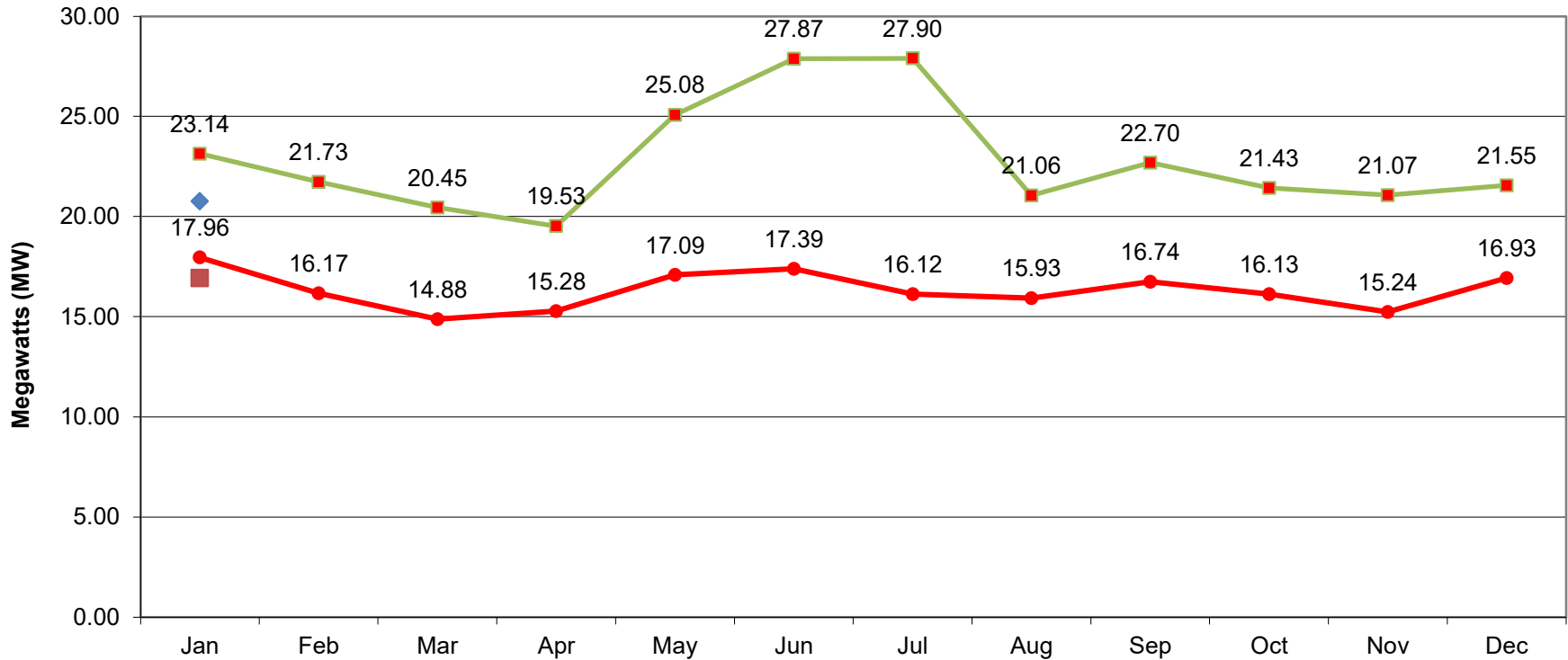
System Load

Peak Load:
20.77 MW @ 1/13/2023 12:15:00PM

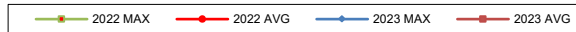
Month of: January 2023



NAPOLEON POWER & LIGHT



	1/1/2023	2/1/2023	3/1/2023	4/1/2023	5/1/2023	6/1/2023	7/1/2023	8/1/2023	9/1/2023	10/1/2023	11/1/2023	12/1/2023
2022 MAX	23.14	21.73	20.45	19.53	25.08	27.87	27.90	21.06	22.70	21.43	21.07	21.55
2022 AVG	17.96	16.17	14.88	15.28	17.09	17.39	16.12	15.93	16.74	16.13	15.24	16.93
2023 MAX	20.77											
2023 AVG	16.93											





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Memorandum

To: Board of Public Affairs, City Council, Mayor, City Manager, City Finance Director, City Law Director, Department Supervisors, News-media
From: Marrison Flogaus, Clerk
Date: February 10, 2023
Subject: Board of Public Affairs Meeting Canceled

The regularly scheduled meeting of the Board of Public Affairs for Monday, February 13, 2023 at 6:30 pm has been CANCELED by the chair.



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Memorandum

To: Water, Sewer, Refuse, Recycling & Litter Committee,
City Council, Mayor, City Manager, City Finance Director,
Law Director, Department Supervisors, News-media

From: MARRISA FLOGAUS, Clerk

Date: February 10, 2023

Subject: Water, Sewer, Refuse, Recycling & Litter
Committee Meeting Canceled

The regularly scheduled meeting of the **Water, Sewer, Refuse, Recycling and Litter Committee** for Monday, February 13, 2023 at 7:00 pm has been CANCELED due to lack of agenda items.



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Memorandum

To: City Council, Mayor, City Manager, City Finance Director, Law Director, Department Supervisors, News-media
From: *Marrisa Flogaus, Clerk*
Date: February 10, 2023
Subject: Municipal Properties, Building, Land Use and Economic Development Committee – Cancellation

The regularly scheduled meeting of the Municipal Properties, Building, Land Use and Economic Development Committee for Monday, February 13, 2022 at 7:30 pm has been CANCELED due to lack of agenda items.



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Memorandum

To: Board of Zoning Appeals, City Council, Mayor, City Manager, City Finance Director, Law Director, Department Supervisors, News-media
From: Marris Flogaus, Clerk
Date: February 10, 2023
Subject: Board of Zoning Appeals – Cancellation

The regularly scheduled meeting of the Board of Zoning Appeals set for Tuesday, February 14, 2023 at 4:30 pm has been CANCELED due to lack of agenda items.



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Memorandum

To: Planning Commission, City Council, Mayor,
City Manager, City Finance Director, City Law
Director, Department Supervisors, News-media

From: MARRISA FLOGAUS, Clerk

Date: February 10, 2023

Subject: Planning Commission – Cancellation

The regularly scheduled meeting of the **PLANNING COMMISSION** for Tuesday, February 14, 2023 at 5:00 pm has been *canceled* due to lack of agenda items.