

**CITY OF FAIRMONT
PUBLIC UTILITIES COMMISSION
AGENDA**

Tuesday, November 15, 2022

1. CALL TO ORDER
- 7:30 AM CITY HALL CONFERENCE ROOM (SECOND FLOOR)

2. ROLL CALL
CHAIR SEGAR _____
VICE-CHAIR MOLTZEN _____
SECRETARY JOHNSON _____
COMMISSIONER WERRE _____
COMMISSIONER STRUSS _____

- 3 2023 FINANCIAL AND CAPITAL BUDGETS

(1 - 69)

- 4 DATE AND TIME OF NEXT MEETINGS:
- REGULAR MEETING - TUESDAY, DECEMBER 6, 2022
- WORK SESSION MEETING - TUESDAY, DECEMBER 20, 2022

- 5 ADJOURNMENT

- 6 ATTACHMENTS



MEMO

TO: Public Utilities Commission
FROM: Julie Zarling, Assistant Finance Director
DATE: November 15, 2022
SUBJECT: Proposed 2023 Budget

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The Finance Department has the 2023 proposed budget ready for the Commission’s review. I want to thank the staff that helped put this budget together.

Enclosed, you will find a set of summary documents to give you the overall picture of the proposed budget. These summary pages are followed by individual department comments and schedules. The final section includes a line item budget for each department based upon the proposed rates.

Pages M-1 through M-5 show the proposed 2023 income statements, capital expenditures, designated reserves and cash flow statements. In October 2022, we updated the water and wastewater rate study from 2020 with Northland Securities. They evaluated our existing rates, planned capital projects and put together a forecasting model to come up with recommended rate increases for the next ten years. For 2023 the study recommends a 13.6% blended increase to our residential water rates and a 13% blended increase to our commercial and industrial water rates. For our wastewater rates, it recommends a blended 4.6% increase to the residential rates and 4.2% blended increase to our commercial rates. The proposed rate increases are needed to ensure we have the funds in place to support required capital improvements and maintain stable rates into the future.

SMMPA Board approved a rate increase of 15.6% to the on-peak energy and off-peak energy rates effective November 1, 2022. In addition, they voted to replace the Base Rate Cost Adjustment with a new Energy Cost Adjustment effective February 1, 2023. We are recommending that we increase our ECA to .013685 per kWh to offset SMMPA’s rate increase and also help us meet our targeted undesignated cash balance at the end of 2023. In our 2023 proposed budget, we have a line item for an electric rate study with Dave Berg Consulting to re-evaluate our rates and the upcoming CIP projects.

There are sample utility bills based upon the recommend rates and their impact located at the end of the packet.



Public Utilities Commission Memo

November 15, 2022

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For the Water Department we are budgeting a 11% increase in the gallons sold from our 2022 budget. We exceeded our 2022 budget by over 50,000,000 gallons. We are projecting our revenues to increase by \$770,421 or 15.92% due to rate increases and increase in gallons sold. On page W-1 you can see the history of the gallons sold and the expected gallons sold for 2022. Total expenses are projected to increase by \$331,523 or 7.82%. Insurance, motor fuels, utilities, and chemical costs are some of the components of this increase. The Water Department is also budgeting for a new full time position of Distribution Supervisor that would be split 50 /50 with the Wastewater department which increases the payroll expenses for the Water Department by \$58,400.50.

On page WW-1 you can see the history of the flow to the Wastewater plant and the expected flow for 2022. We are projecting total revenues to increase 17.87% or \$520,789 due to the rate increases and the sale of the vector. The expenses are budgeted to increase 11.66% or \$268,183 with the causes of this increase being price increases in insurance, motor fuels, utilities, chemical costs, and addition of 1 ½ full time employees. The Wastewater department is budgeting to create a new full time Wastewater Operator and 50% of the Distribution Supervisor shared with the Water Department. This would increase the payroll expenses for the Wastewater Department by \$166,874.50.

We are budgeting a 2.08% increase in kWh sold from our 2022 projected year to date. Our revenues are set to decrease \$148,910. However, the 2022 budget includes \$1,250,000 from SMMPA for replacing the power plant transformer which did not occur in 2022. When eliminating the SMMPA contribution, our revenue is actually increasing \$951,090. This will help us to offset SMMPA's energy rate increase and also help us prepare for capital projects. Overall expenses will increase by \$1,236,304 which is due to the SMMPA rate increase. The Memo on the Electric Department provides a detailed explanation on how this budget is put together.

We will discuss the proposed budget at the work session on November 15, 2022, the Commission will be asked to adopt the 2023 budget and recommend approval to the City Council. The City Council will be asked to adopt the 2023 budget at the Council meeting on December 12, 2022.

FAIRMONT PUBLIC UTILITIES COMMISSION - 2023 BUDGET

DEPARTMENTAL BUDGET SUMMARY

PAGE M - 1

ELECTRIC DEPARTMENT	2022 BUDGET	2023 BUDGET	INCREASE (DECREASE)	% CHANGE
INCOME	17,231,820	17,082,910	(148,910)	-0.86%
PRODUCTION / PURCHASES	11,735,206	12,869,582	1,134,376	9.67%
DISTRIBUTION EXPENSES	1,627,711	1,752,138	124,427	7.64%
ADMINISTRATION EXPENSES	705,018	719,070	14,052	1.99%
MISCELLANEOUS EXPENSES	706,631	687,039	(19,592)	-2.77%
TRANSFER TO OTHER FUNDS	681,337	664,378	(16,959)	-2.49%
TOTAL EXPENSES	15,455,903	16,692,207	1,236,304	8.00%
NET OPERATING INCOME (LOSS)	1,775,917	390,703	(1,385,214)	-78.00%

WATER DEPARTMENT	2022 BUDGET	2023 BUDGET	INCREASE (DECREASE)	% CHANGE
INCOME	4,839,135	5,609,556	770,421	15.92%
FILTRATION EXPENSES	1,795,028	1,966,653	171,625	9.56%
DISTRIBUTION EXPENSES	652,763	802,707	149,944	22.97%
ADMINISTRATION EXPENSES	190,739	211,875	21,136	11.08%
MISCELLANEOUS EXPENSES	1,444,263	1,477,042	32,779	2.27%
TRANSFERS TO OTHER FUNDS	157,619	171,330	13,711	8.70%
TOTAL EXPENSES	4,240,412	4,629,607	389,195	9.18%
NET OPERATING INCOME (LOSS)	598,723	979,949	381,226	63.67%

WASTEWATER DEPARTMENT	2022 BUDGET	2023 BUDGET	INCREASE (DECREASE)	% CHANGE
INCOME	2,913,732	3,434,521	520,789	17.87%
TREATMENT EXPENSES	961,007	1,179,880	218,873	22.78%
COLLECTION EXPENSES	405,968	476,573	70,605	17.39%
ADMINISTRATION EXPENSES	137,405	136,187	(1,218)	-0.89%
MISCELLANEOUS EXPENSES	693,993	690,482	(3,511)	-0.51%
TRANSFERS TO OTHER FUNDS	101,044	104,292	3,248	3.21%
TOTAL EXPENSES	2,299,417	2,587,414	287,997	12.52%
NET OPERATING INCOME (LOSS)	614,315	847,107	232,792	37.89%

FAIRMONT PUBLIC UTILITIES COMMISSION - 2023 BUDGET**CAPITAL EXPENDITURE BUDGET****PAGE M - 2**

ACCT #	DESCRIPTION	BUDGET AMT
ELECTRIC DISTRIBUTION		
	New transformers	\$125,000
	Underground conductors	\$100,000
	Replace high voltage switches	\$120,000
	Downtown lighting/bollard/sign replacement	\$100,000
	Skid loader EZ spotter attachment & trailer	\$40,000
	10th Street sub design	\$60,000
	10th Street Sub relay replacement	\$275,000
	10th Street Sub distr. breaker replacement (SMMPA)	\$640,000
	Replace Power Plant transformer (w/SMMPA)	\$352,500
	New west substation	\$632,850
	Radio replacement	\$12,500
	Replace wood chipper	\$55,000
	Rate study update	\$30,000
	Street improvement projects	\$40,000
	Contingency	\$20,000
	TOTAL CAPITAL EXPENDITURES	\$2,602,850
WATER DEPARTMENT		
	Ground storage tank study/replacement (New I2 tank)	\$40,000
	Broom for skid Loader	\$6,000
	Purchase Enclosed Job Trailer	\$10,000
	Tilt bed trailer	\$9,500
	Replace truck 3/4 ton	\$55,000
	Purchase used Dump truck - Double Axel	\$75,000
	Lime press equipment replacement	\$18,000
	Lead service line replacments	\$25,000
	Miscellaneous capital items (<\$5,000 ea.)	\$5,000
	Radio Replacement	\$12,500
	Contingency	\$20,000
	2023 Improvement Project	\$225,000
	TOTAL CAPITAL EXPENDITURES	\$501,000
WASTEWATER DEPARTMENT		
	Lift Station rehab/repair/monitoring	\$150,000
	Lift Station Panel Updates	\$100,000
	Contract jetting of large diameter mains	\$15,000
	Radio Replacement	\$7,500
	Diffuser Replacement / Areation Basin Cleaning	\$175,000
	Digester Improvements	\$500,000
	UV/Solids handling upgrade project	\$4,000,000
	Grit Pump Replacement x 2	\$30,000
	Vactor replacment	\$550,000
	RAS/Scum Pump Replacements	\$40,000
	Contingency	\$20,000
	Misc Capital items	\$5,000
	2023 Improvement Project	\$200,000
	TOTAL CAPITAL EXPENDITURES	\$5,792,500

FAIRMONT PUBLIC UTILITIES COMMISSION - 2023 BUDGET

RESERVE ACCOUNTS ESTIMATED 12/31/2023

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<u>ELECTRIC DISTRIBUTION</u>	Target Balance	1/1/23 BALANCE	2023 EXPENSES	2023 RESERVE ADDITIONS	12/31/23 BALANCE
CAPITAL RESERVE ACCOUNT	\$ -	\$615,000		\$0	\$615,000
604-00000-27210					
INFRASTRUCTURE RESERVE ACCOUNT	\$ -	\$4,526,000	\$305,000	\$0	\$4,221,000
604-00000-27215					
<u>WATER DEPARTMENT</u>					
CAPITAL RESERVE ACCOUNT	\$ -	\$740,000		\$0	\$740,000
601-00000-27225					
INFRASTRUCTURE RESERVE ACCOUNT	\$ -	\$1,355,000	\$225,000	\$0	\$1,130,000
601-00000-27230					
<u>WASTEWATER DEPARTMENT</u>					
CAPITAL RESERVE ACCOUNT	\$ -	\$640,000	\$550,000	\$0	\$90,000
602-00000-27235					
INFRASTRUCTURE RESERVE ACCOUNT	\$ -	\$1,983,000	\$1,328,000	\$0	\$655,000
602-00000-27240					

FAIRMONT PUBLIC UTILITIES COMMISSION - 2023 BUDGET

UTILITY DEPARTMENT BUDGETED CASH FLOW SUMMARY

PAGE M - 4

	ELECTRIC	WATER	WASTEWATER
A. NET INCOME / (LOSS)	390,703	979,949	847,107
B. NON - CASH EXPENSE	450,000	1,000,000	660,000
C. CAPITAL EXPENDITURES	(2,602,850)	(501,000)	(5,792,500)
D. DEBT PRINCIPAL PAYMENT	-	(874,000)	(795,000)
E. PFA LOAN PROCEEDS	1,960,350	-	4,500,000
NET CASH FLOW	198,203	604,949	(580,393)

B. NON - CASH (DEPRECIATION)

C. CAPITAL EXPENDITURES.

D. DEBT SERVICE PRINCIPAL PAYMENT ON WATER & WASTEWATER TREATMENT LOANS.

E. PFA NOTE PROCEEDS FOR LIME POND DECOMMISSIONING & WWTF IMPROVEMENTS

FAIRMONT PUBLIC UTILITIES COMMISSION - 2023 BUDGET

UTILITY DEPARTMENTS ESTIMATED CASH POSITION

PAGE M - 5

	ELECTRIC	WATER	WASTEWATER
CASH BALANCE 01 / 01 / 2022	7,976,756	727,657	3,085,069
RESULTS OF 2022 OPERATIONS	834,366	1,563,286	(1,123,762)
PROJECTED CASH FLOW 2023	198,203	604,949	(580,393)
DESIGNATED FUNDS 12 / 31 / 2023	(4,836,000)	(1,870,000)	(745,000)
<hr/>			
PROJECTED UNDESIGNATED CASH 12 / 31 / 2023	<u>4,173,325</u>	<u>1,025,892</u>	<u>635,914</u>
TARGETED UNDESIGNATED CASH 12/31/2023	4,173,052	1,025,473	634,967
<hr/>			
TOTAL CASH 1 / 1 / 2022	\$11,789,482		
TOTAL CASH ESTIMATED 12 / 31 / 2022	\$13,063,372		
TOTAL CASH ESTIMATED 12 / 31 / 2023	\$13,286,131		

FAIRMONT PUBLIC UTILITIES COMMISSION - 2023 BUDGET

CITY TRANSFER CONTRIBUTION

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2023 CONTRIBUTION ALLOCATION

2023 CONTRIBUTION - GENERAL FUND	\$825,000.00	
2023 CONTRIBUTION - EDA FUND	\$115,000.00	
TOTAL 2023 CONTRIBUTIONS	\$940,000.00	

2023 CONTRIBUTION AMOUNT

601 - 72000 - 72500	CONTRIBUTION TO GENERAL FUND - WATER DEPT	\$150,369.45	0.182266
602 - 72000 - 72500	CONTRIBUTION TO GENERAL FUND - SEWER DEPT	\$91,532.93	0.110949
604 - 72000 - 72500	CONTRIBUTION TO GENERAL FUND - LINE DEPT	\$583,097.63	0.706785
	TOTAL GENERAL FUND TRANSFER	\$825,000.00	
601 - 72000 - 72500	CONTRIBUTION TO EDA FUND - WATER DEPT	\$20,960.59	0.182266
602 - 72000 - 72500	CONTRIBUTION TO EDA FUND - SEWER DEPT	\$12,759.14	0.110949
604 - 72000 - 72500	CONTRIBUTION TO EDA FUND - LINE DEPT	\$81,280.28	0.706785
	TOTAL EDA FUND TRANSFER	\$115,000.00	

FAIRMONT PUBLIC UTILITIES COMMISSION - 2023 BUDGET

ADMINISTRATION ALLOCATION

	2021	2020	2019	TOTAL	PERCENT
ELECTRIC	\$15,912,231	\$15,096,642	\$15,547,859	\$46,556,732	70.6785%
WATER	\$4,639,535	\$3,828,469	\$3,538,073	\$12,006,077	18.2266%
WASTEWATER	\$2,637,000	\$2,380,822	\$2,290,534	\$7,308,356	11.0949%
TOTAL	\$23,188,766	\$21,305,933	\$21,376,466	\$65,871,165	100.0000%

****PERCENT ALLOCATION BASED ON 3 YEAR AVERAGE OF GROSS REVENUE PER DEPARTMENT.**

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project#	2023	2024	2025	2026	2027	2028+	Total
WATER DEPARTMENT								
	Ground storage tank study/replacement (New I2 tank)	40,000	1,500,000	3,500,000				5,040,000
	Chem Co Lime Slaker Rebuild		15,000					15,000
	Broom for skid Loader	6,000						6,000
	Purchase Enclosed Job Trailer	10,000						10,000
	Tilt bed trailer	9,500						9,500
	Replace truck 3/4 ton	55,000						55,000
	Purchase used Dump truck - Double Axel	75,000						75,000
	Water tower inspections			20,000		20,000		40,000
	State Street tower control valve			30,000				30,000
	Lime press equipment replacement	18,000		18,000		18,000		54,000
	Replace backhoe		180,000					180,000
	Relocate A/C units at WTP (3)		15,000					15,000
	Contract hydrant sandblast and paint		10,000					10,000
	Lead service line replacements	25,000	500,000					525,000
	Miscellaneous capital items (<\$5,000 ea.)	5,000	5,000	5,000	5,000	5,000		25,000
	Radio Replacement	12,500	12,500					25,000
	Contingency	20,000	20,000	20,000	20,000	20,000		100,000
	2023 Improvement Project -	WTR-2023-OSI	225,000					225,000
	2024 Improvement Project -	WTR-2024-OSI		25,000				25,000
	2025 Improvement Project -	WTR-2025-OSI			250,000			250,000
	2026 Improvement Project -	WTR-2026-OSI				25,000		25,000
	2027 Improvement Project -	WTR-2027-OSI					250,000	250,000
	Water Total	501,000	2,282,500	3,843,000	50,000	313,000	0	6,989,500

Funding Sources								
	Water Fund	501,000	282,500	343,000	50,000	313,000		1,489,500
	Federal Grants							0
	State Grants		250,000					250,000
	Capital Reserve Fund							0
	PFA Note		1,750,000	3,500,000				5,250,000
								0
	Water Total	501,000	2,282,500	3,843,000	50,000	313,000	0	6,989,500

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project#	2023	2024	2025	2026	2027	2028+	Total
WASTE WATER DEPARTMENT								
	Lift Station rehab/repair/monitoring	150,000	150,000	150,000	150,000	150,000		750,000
	Lift Station Panel Updates	100,000						100,000
	Woodland 229 lift station relocation		50,000					50,000
	Slip lining/manhole rehab projects		225,000		225,000		225,000	675,000
	Grace lift station renovation			175,000				175,000
	Contract jetting of large diameter mains	15,000						15,000
	State & Orient sewer relief		100,000					100,000
	Smoke test sewers		20,000					20,000
	Radio Replacement	7,500	5,000					12,500
	Diffuser Replacement / Aeration Basin Cleaning	175,000						175,000
	Digester Improvements	500,000						500,000
	UV/Solids handling upgrade project	4,000,000	13,000,000	3,000,000				20,000,000
	River Eutrophication Standards Upgrades (RES)						18,000,000	18,000,000
	Grit Pump Replacement x 2	30,000						30,000
	New truck - Service Truck		85,000					85,000
	Roof repairs on 2006 buildings			50,000				50,000
	Vactor replacment	550,000						550,000
	RAS/Scum Pump Replacements	40,000						40,000
	Miscellaneous capital items (<\$5,000 ea.)	5,000	5,000	5,000	5,000	5,000		25,000
	Contingency	20,000	20,000	20,000	20,000	20,000		100,000
								-
								-
	2023 Improvement Project - WWR-2023-OSI	200,000						200,000
	2024 Improvement Project - WWR-2024-OSI		25,000					25,000
	2025 Improvement Project - WWR-2025-OSI			250,000				250,000
	2026 Improvement Project - WWR-2026-OSI				25,000			25,000
	2027 Improvement Project -					250,000		250,000
								-
	Waste Water Total	5,792,500.00	13,685,000.00	3,650,000.00	425,000.00	425,000.00	18,225,000.00	42,202,500.00

Funding Sources								
	Sewer Fund	500,000	500,000	500,000	425,000	425,000	225,000	2,575,000
	Federal Grants							-
	State Grants		4,500,000					4,500,000
	Capital Reserve Fund	792,500	185,000	150,000				1,127,500
	PFA Note	4,500,000	8,500,000	3,000,000			18,000,000	34,000,000
	Trade In	(125,000.00)						(125,000)
	Waste Water Total	5,792,500.00	13,685,000.00	3,650,000.00	425,000.00	425,000.00	18,225,000.00	42,202,500.00

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project#	2023	2024	2025	2026	2027	2028+	Total
ELECTRIC DEPARTMENT								
New Transformers		125,000	125,000	140,000	140,000	140,000		670,000
Underground Conductors		100,000	100,000	120,000	120,000	120,000		560,000
Replace high voltage switches		120,000	120,000	100,000	100,000			440,000
Replace Vehicles (Pickups and Vans)					55,000			55,000
AMI - load management devices						500,000		500,000
Downtown lighting/bollard/sign replacement		100,000						100,000
Skid loader EZ spotter attachment & trailer		40,000						40,000
10th Street Sub design		60,000						60,000
10th Street Sub breaker replacement			125,000					125,000
10th Street Sub relay replacement		275,000						275,000
10th Street Sub transm. breaker replacement (SMMPA-I)		640,000						640,000
Replace Power Plant Transformer (w/SMMPA)		352,500	3,172,500					3,525,000
Construct new Power Plant substation(w/SMMPA)			2,500,000					2,500,000
Rebuild west feeder line				1,121,000				1,121,000
New west substation		632,850		3,586,150				4,219,000
10th Street T2 addition/feeder & distr. Improvements					2,241,000			2,241,000
Power Plant switchgear replacement							2,000,000	2,000,000
Replace Boring Machine (order 2023)			230,000					230,000
Radio Replacement		12,500	10,000					22,500
Replace Wood chipper		55,000						55,000
Infrared camera replacement			20,000					20,000
SCADA replacement				200,000				200,000
Rate Study Update		30,000						30,000
Pole trailer					35,000			35,000
Skid loader tamper attachment				25,000				25,000
Skid loader trencher attachment				25,000				25,000
Street Improvement Projects		40,000	10,000	50,000	100,000	50,000		250,000
Contingency		20,000	20,000	20,000	20,000	20,000		100,000
Electric Total		2,602,850	6,432,500	5,387,150	2,811,000	830,000	2,000,000	20,063,500

Funding Sources								
Electric Fund		642,500	635,000	680,000	570,000	830,000		3,357,500
Federal Grants								0
State Grants								0
Capital Reserve Fund								0
Go Revenue Bonds		1,960,350	3,297,500	3,957,150	2,241,000		2,000,000	13,456,000
SMMPA			2,500,000	750,000				3,250,000
Electric Total		2,602,850	6,432,500	5,387,150	2,811,000	830,000	2,000,000	20,063,500

MEMORANDUM

DATE: November 15, 2022
TO: Public Utilities Commission
FROM: Julie Zarling, Assistant Finance Director
RE: 2023 Water Department Proposed Budget

Comments on the Water Department Proposed Budget

Page W1: This page reports annual totals for water sold and finished for the last five completed years. The water loss percent column is the unaccounted loss percentage for each year. Year-to-date values through September for water sold and finished are listed, as well as the budgeted and estimated year end values for 2022. The 2023 budgeted water sales are 400,000,000 gallons.

Page W2: The water sales history and finished water history tables are used to help estimate 2022 total water sales and finished water. Values for years 2017 through 2021 are listed, as well as averages and estimated 2022 year end values.

Page W3: The 2023 water revenues are estimated using 2022 water sales and revenues per gallon through September with the recommended rate study increases. Using the projected water sales from page W1 and the calculated sales mix, estimated revenue for 2023 is \$5,111,107. Infrastructure revenue includes a 15% rate increase, hydrant rental will remain the same and the budgeted amounts for 2023 are listed for each.

Page W4: This graph shows a summary of water sales and losses for 2017 through 2021, estimates for 2022 year end, and the 2023 budgeted amounts. Values for each year are listed in the table below the chart.

Page W5: The electric costs for the water plant and distribution are based on their electric rate and estimated energy use for 2023. The chemical costs for the year were developed using expected water flows, current year costs, and results of the 2023 chemical bids. Water plant chemicals are budgeted at \$253,967 for 2023.

Page W6: The 2021 water statistical report for January through September is included for reference.

Debt Service Note:

Debt service payments are due in February and August of 2023. The February interest payment will be \$224,081.37. The August payment will total \$1,098,081.37 and includes \$874,000 principal and \$224,081.37 interest.

The bond interest payments appear in the Miscellaneous Expense section of the budget and total \$448,162.74 for the year.

FAIRMONT PUBLIC UTILITIES COMMISSION - 2023 BUDGET

COMPARISON OF WATER SOLD TO FINISHED WATER (GALLONS)

WATER LOSS	YEAR	WATER SOLD	INCREASE (DECREASE)	PERCENT + / -	NET FINISHED	INCREASE (DECREASE)	PERCENT + / -	
8.37%	2017	371,689,982	(4,025,275)	-1.07%	417,340,028	(18,843,651)	-4.32%	
14.32%	2018	359,855,905	(11,834,077)	-3.18%	428,220,386	10,880,358	2.61%	
16.79%	2019	345,631,188	(14,224,717)	-3.95%	418,332,741	(9,887,645)	-2.31%	
19.72%	2020	363,151,921	17,520,733	5.07%	457,591,711	39,258,970	9.38%	
16.49%	2021	389,324,824	26,172,903	7.21%	471,929,198	14,337,487	3.13%	
YTD SEPT 2022		WATER SOLD						NET FINISHED
9.33%	2022	319,458,383						362,843,579
EST YEAR END 2022								
14.69%	2022	413,958,383						485,253,101
2022 BUDGET								
16.28%	2022	360,000,000						430,000,000
2023 BUDGET								
13.04%	2023	400,000,000						460,000,000

FAIRMONT PUBLIC UTILITIES COMMISSION - 2022 BUDGET

WATER SALES HISTORY

YEAR	YTD AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
2021	248,791,910	36,786,346	38,165,122	42,413,485	23,167,961	389,324,824
2020	241,304,736	30,474,352	32,364,009	30,474,352	28,534,472	363,151,921
2019	235,883,222	30,200,230	29,050,448	24,930,936	25,566,352	345,631,188
2018	244,711,664	31,150,680	26,497,517	30,460,559	27,035,485	359,855,905
2017	252,416,237	34,192,146	31,791,400	24,852,839	28,437,360	371,689,982
TOTAL 2017-2021	1,223,107,769	162,803,754	157,868,496	153,132,171	132,741,630	1,829,653,820
5 YR AVE 2017-2021	244,621,554	32,560,751	31,573,699	30,626,434	26,548,326	365,930,764
2 YR AVE 2020-2021	245,048,323	33,630,349	35,264,566	36,443,919	25,851,217	376,238,373
2022 ESTIMATE	281,164,627	38,293,756	34,000,000	35,000,000	25,500,000	413,958,383

ESTIMATED

NET FINISHED WATER HISTORY

YEAR	YTD AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
2021	309,578,886	43,388,596	42,327,917	39,277,915	37,792,060	472,365,374
2020	301,343,661	38,527,155	41,070,937	37,780,499	38,869,459	457,591,711
2019	286,310,218	34,182,153	34,479,111	31,522,347	31,838,912	418,332,741
2018	288,452,876	37,022,600	35,012,001	34,126,541	33,606,368	428,220,386
2017	282,903,660	36,038,152	34,556,241	31,302,461	32,539,514	417,340,028
TOTAL 2017-2021	1,468,589,301	189,158,656	187,446,207	174,009,763	174,646,313	2,193,850,240
5 YR AVE 2017-2021	293,717,860	37,831,731	37,489,241	34,801,953	34,929,263	438,770,048
2 YR AVE 2020-2021	305,461,274	40,957,876	41,699,427	38,529,207	38,330,760	464,978,543
2022 ESTIMATE	328,883,081	40,370,020	40,000,000	38,000,000	38,000,000	485,253,101

ESTIMATED

FAIRMONT PUBLIC UTILITIES COMMISSION - 2023 BUDGET

WATER DEPT REVENUE CALCULATIONS: INCREASES PER RATE STUDY

PER SEPT 2022 STATISTICAL REPORT:

	GALLONS SOLD BY CLASS	% TOTAL GAL	REV YTD
TOTAL WATER SOLD YTD :	319,458,383	GALLONS	
RESIDENTIAL SALES	126,380,339	39.561%	\$2,106,402
COMMERCIAL SALES	83,159,574	26.031%	\$854,301
INDUSTRIAL SALES	109,918,470	34.408%	\$640,471
TOTAL YTD SALES:	319,458,383	100.00%	\$3,601,174

2022 REVENUE PER GALLON SOLD CALCULATIONS:

RESIDENTIAL	\$2,106,402	/	126,380,339	GALLONS	=	\$0.016667	REVENUE/GALLON
COMMERCIAL	\$854,301	/	83,159,574	GALLONS	=	\$0.010273	REVENUE/GALLON
INDUSTRIAL	\$640,471	/	109,918,470	GALLONS	=	\$0.005827	REVENUE/GALLON
TOTAL SALES	\$3,601,174	/	319,458,383	GALLONS	=	\$0.011273	REVENUE/GALLON

BUDGET FOR 2023: WATER SALES

RESIDENTIAL: 13.6% BLENDED INCREASE	X	REV/GAL: WITH RATE INCREASES	\$2,996,146	EST REVENUE
COMMERCIAL: 13% BLENDED INCREASE	X	601 - 37100 - 37111	\$1,208,722	
INDUSTRIAL: 13% BLENDED INCREASE	X	601 - 37100 - 37112	\$906,239	
TOTAL WATER SALES		601 - 37100 - 37113	\$5,111,107	EST REVENUE

INFRASTRUCTURE: 15% INCREASE

601 - 37100 - 37115 \$29,503 PER MONTH X 12 MONTHS = \$354,036

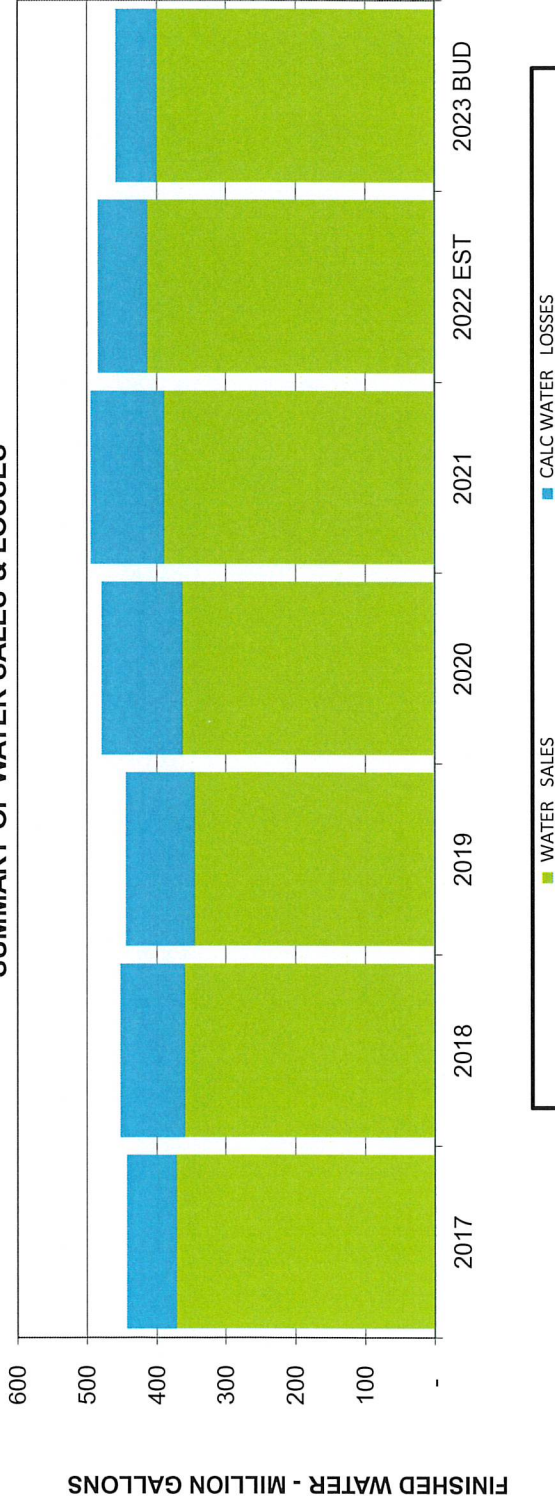
HYDRANT RENTAL 601 - 37100 - 37116

574 HYDRANTS X \$51.24 / HYDRANT = \$29,413

\$2,451.05

FAIRMONT WATER DEPARTMENT

SUMMARY OF WATER SALES & LOSSES



YEAR	RAW	SALES	LOSSES
2017	444,105,958	371,689,982	72,415,976
2018	453,502,794	359,855,905	93,646,889
2019	445,498,949	345,631,188	99,867,761
2020	480,215,075	363,151,921	117,063,154
2021	495,153,090	389,324,824	105,828,266
2022 EST	485,253,101	413,958,383	71,294,718
2023 BUD	460,000,000	400,000,000	60,000,000

FAIRMONT PUBLIC UTILITIES COMMISSION - 2023 BUDGET

WATER DEPARTMENT EXPENSE CALCULATIONS: ELECTRIC & CHEMICALS

WATER PLANT ELECTRIC COST:

ELEC: INT RATE	5124-051 WTP	BUDGETED KWH	1,420,000	KWH X	\$0.066500	/	KWH	=	\$94,430
ECA:	5124-051 WTP	BUDGETED KWH	1,420,000	KWH X	\$0.013685	/	KWH	=	\$19,433
									<u>IT2NT SERVICE RATE</u>
TOTAL BUDGET ELECTRIC EXPENSE (601 - 49400 - 38100) :									<u><u>\$113,863</u></u>

WATER DISTRIBUTION ELECTRIC COST:

ELEC: INT RATE	5124-029 Tank Farm	BUDGETED KWH	225,000	KWH X	\$0.103000	/	KWH	=	\$23,175
ECA:	5124-029 Tank Farm	BUDGETED KWH	225,000	KWH X	\$0.013685	/	KWH	=	\$3,079
									<u>CUSTOMER SERVICE CHARGES</u>
TOTAL BUDGET ELECTRIC EXPENSE (601 - 49430 - 38100) :									<u><u>\$120</u></u>
									<u><u>\$26,374</u></u>

FINISHED WATER GALLONS:

2022 ESTIMATED CHEMICAL COSTS			<u>485,253,101</u>	X	\$0.4843	/	1,000 GALLONS	=	\$235,000
2023 BUDGET CHEMICAL COST (601 - 49400 - 21620)			<u>460,000,000</u>	X	\$0.5521	/	1,000 GALLONS	=	\$253,967

PUBLIC UTILITIES COMMISSION WATER DEPARTMENT STATISTICS FOR 2022

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
FINISHED WATER	37,655,769	38,070,491	37,463,392	36,814,595	43,751,246	46,031,667	49,143,132	39,952,789	40,776,450			
RAW WATER	38,386,267	38,835,059	37,981,609	37,570,969	45,010,544	47,269,199	51,447,876	41,323,544	42,165,872			
LESS HOUSE WATER	1,925,504	1,831,424	1,972,528	1,879,328	2,009,216	1,965,952	1,875,104	1,763,952	1,783,952			
LESS DOMESTIC WATER	31,600	11,400	15,400	11,300	13,200	11,800	21,800	12,000	11,900			
NET FINISHED WATER	36,429,163	36,992,235	35,993,681	35,680,341	42,988,128	45,291,447	49,550,972	39,547,592	40,370,020	0	0	0
RESIDENTIAL SALES	15,245,992	11,156,702	13,033,230	12,797,310	12,041,174	14,887,115	16,910,321	14,849,541	15,458,954			
COMMERCIAL SALES	9,495,111	8,877,566	8,870,347	7,798,257	9,343,765	9,543,765	11,650,318	10,385,956	9,115,565			
INDUSTRIAL SALES	13,861,367	9,021,483	11,811,710	12,926,304	11,766,527	15,222,818	13,801,523	7,787,201	13,719,237			
TOTAL WATER SALES	38,602,470	29,055,751	33,715,287	33,521,871	31,430,690	39,453,698	42,362,162	33,022,698	38,293,756	0	0	0
ACCOUNTED LOSS	160,250	3,201,500	232,500	67,300	942,000	1,262,900	584,200	2,842,300	243,400			
UNACCOUNTED LOSS	(2,333,557)	4,734,984	2,045,894	2,091,170	10,615,438	4,574,849	6,604,610	3,682,594	1,832,864			
% OF NET FINISHED WATER	-6.41%	12.44%	5.46%	5.68%	24.26%	9.94%	13.44%	9.22%	4.49%	#DIV/0!	#DIV/0!	#DIV/0!
PEAK DAY VOL	1,413,918	1,707,392	1,366,630	1,352,726	1,853,388	1,975,567	1,855,877	1,570,826	1,543,220			
PEAK DATE	01/29/22	02/12/22	03/31/22	04/01/22	05/20/22	06/22/22	07/20/22	08/17/22	09/10/22			
AVERAGE DAY VOL	1,214,702	1,359,660	1,208,497	1,227,153	1,411,331	1,534,389	1,585,262	1,288,800	1,359,215			
RESIDENTIAL SALES \$\$	\$242,364.48	\$213,859.84	\$222,990.56	\$225,237.17	\$218,394.22	\$240,723.80	\$259,321.51	\$239,221.02	\$244,289.78			
COMMERCIAL SALES \$\$	\$97,011.93	\$93,001.89	\$92,480.08	\$84,430.78	\$83,078.62	\$95,417.85	\$112,193.91	\$102,964.28	\$93,721.30			
INDUSTRIAL SALES \$\$	\$80,989.70	\$52,099.20	\$68,687.10	\$75,377.20	\$68,417.70	\$89,161.50	\$80,630.50	\$44,971.20	\$80,136.60			
TOTAL SALES \$\$\$	\$420,366.11	\$358,960.93	\$384,157.74	\$385,045.15	\$369,890.54	\$425,303.15	\$452,145.92	\$387,156.50	\$418,147.68	\$0.00	\$0.00	\$0.00

WATER DEPARTMENT TOTALS YEAR TO DATE

	2022	2021
FINISHED WATER	369,659,531	352,840,317
RAW WATER	379,990,939	370,124,834
- HOUSE WATER	17,006,960	17,452,128
- DOMESTIC WATER	140,400	141,400
NET FINISHED WATER	362,843,579	352,531,306
RESIDENTIAL SALES	126,380,339	134,607,843
COMMERCIAL SALES	83,159,574	89,136,598
INDUSTRIAL SALES	109,918,470	61,833,815
TOTAL WATER SALES	319,458,383	285,578,256
ACCOUNTED LOSSES	9,536,350	2,339,950
UNACCOUNTED LOSSES	33,848,846	64,613,100
% OF NET FINISHED WATER	9.33%	18.33%
YTD RESIDENTIAL SALES \$\$	\$2,106,402.38	\$1,957,726.43
YTD COMMERCIAL SALES \$\$	\$854,300.64	\$832,738.52
YTD INDUSTRIAL SALES \$\$	\$640,470.70	\$347,975.20
YTD WATER SALES TOTAL \$\$	\$3,601,173.72	\$3,138,440.15
REVENUE PER GALLON SOLD	\$0.011273	\$0.010990
2022/2021	1.02573	1.16398

MEMORANDUM

DATE: November 15, 2022
TO: Public Utilities Commission
FROM: Julie Zarling, Assistant Finance Director
RE: 2023 Wastewater Department Proposed Budget

Comments on the Wastewater Department Proposed Budget

Page WW1: The wastewater flow history page shows annual totals from 2017 through 2021. Current year totals through September are listed, along with estimated year end totals. Budgeted gallons are shown for 2022 and 2023. Revenues and average revenues per 1000 gallons are included for comparison. Revenues based on the recommended rate study increases.

Projected revenue by rate class for 2023 is distributed using the current year revenue breakdown by class. The 2023 wastewater budget includes the rate study increases for each customer class. Total budgeted revenues for 2023 are \$2,329,597.

Page WW2: This page shows revenue projections for infrastructure and debt service for 2023 with a 5% rate increase. Wastewater plant electrical costs are shown based on the electric budget kWh calculations and 2023 electric rates. Wastewater plant electric expenses is budgeted at \$112,259 for 2023. An increase of \$9,814 from 2022.

Page WW3: The wastewater monthly statistics table presents flows, revenues by customer type, and calculated percentages of I & I for the last 12 months. The revenue per 1000 gallons is calculated based on sewage flow and total revenue from all three customer classes. The revenue over the last 12 months has been \$6.2817 per 1000 gallons for the three classes combined. CHS is one of our largest industrial customers and did a very large expansion which caused our industrial revenue to increase from \$186,097

Public Utilities Commission
November 15, 2022
Page 2

Page WW3:
(Cont) in 2021 to \$484,908 in 2022.

Page WW4: This statistical history page shows total plant flow by month from 2017 through 2022, with estimated values for October, November and December 2022.
The last column shows the 2017-2021 averages by month. The 2022 total estimated flow will be higher than 2021.

Total values for plant electric expense, infrastructure and debt service revenue is shown for the last five years, as well as the year-to-date values for 2022.

Page WW5: The wastewater flow analysis chart is created using the information from the flow history on page WW1. Sewage flow and I&I flow gallons are charted for years 2017 through 2021. The estimated year end values for 2022 and budgeted amounts for 2023 are included as well. A table of values appears below the chart for reference.

Page WW6: WW6a is the 2022 wastewater department statistical sheet with values through September. WW6b is our calculation to determine I & I flows and is also included for reference.

Debt Service Note:

There will be two payments made during 2022 on the wastewater debt service. The February interest payment will be \$13,865.95. The August payment of \$808,865.95 includes \$795,000 principal and \$13,865.95 interest.

Bond interest appears in the Miscellaneous Expense section of the budget and totals \$27,731.90 for the year.

FAIRMONT PUBLIC UTILITIES COMMISSION - 2023 BUDGET

WASTEWATER FLOW HISTORY

YEAR	TOTAL FLOW GALLONS	SEWAGE FLOW GALLONS	I & I FLOW GALLONS	% TOTAL FLOW	REVENUE	AVE REVENUE / 1000 GAL
2017	586,820,000	327,629,048	259,190,952	44.17%	\$1,536,866	\$4.6909
2018	778,920,000	307,795,912	471,124,088	60.48%	\$1,523,690	\$4.9503
2019	758,520,000	296,051,659	462,468,341	60.97%	\$1,510,674	\$5.1027
2020	558,330,000	321,442,972	236,887,028	42.43%	\$1,570,196	\$4.8848
2021	453,720,000	364,637,447	89,082,553	19.63%	\$2,020,656	\$5.5415
2022 YTD SEPT	358,170,000	276,605,403	81,564,597	22.77%	\$1,579,595	\$5.7106
2022 BUDGET	650,000,000	310,000,000	340,000,000	52.31%	\$1,957,958	\$6.3160
2022 EST YE	466,170,000	360,023,091	106,146,909	22.77%	\$2,055,963	\$5.7106
2023 BUDGET	500,000,000	390,000,000	110,000,000	22.00%	\$2,329,600	\$5.9733

REVENUE ANALYSIS BY RATE CLASS

	2022 YTD - SEPTEMBER	BUDGET 2023
RESIDENTIAL	\$ 907,722	\$ 1,328,189
COMMERCIAL	\$ 342,054	\$ 500,496
INDUSTRIAL	\$ 342,338	\$ 500,913
TOTAL	\$ 1,592,114	\$ 2,329,597

602 - 37200 - 37211
602 - 37200 - 37212
602 - 37200 - 37213

FAIRMONT PUBLIC UTILITIES COMMISSION - 2023 BUDGET

WASTEWATER: OTHER REVENUES & COSTS

WWTF INFRASTRUCTURE REVENUE: 5% INCREASE

602 - 37200 - 37214	\$ 26,357	X	12 MONTHS =	<u>\$316,287</u>
SEPT 2022 YTD = \$225,919.14	2022 Budget = \$301,109			

WWTF EXPANSION DEBT SERVICE: 5% INCREASE

602 - 37200 - 37215	\$ 49,470	X	12 MONTHS =	<u>\$593,636</u>
SEPT 2022 YTD = \$424,025.66	2022 Budget = \$564,665			

WWTF ELECTRICAL COSTS- PLANT BUDGET 2023

ELECTRICAL COSTS	IT1NT	1,400,000 KWH	\$0.066500 / KWH =	\$93,100
ENERGY COST ADJUSTMENT (ECA)		1,400,000 KWH	\$0.013685 / KWH =	\$19,159
				<u> </u>

602 - 49450 - 38100	WWTF ELECTRICAL COSTS- PLANT	TOTAL	<u>\$112,259</u>
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FAIRMONT PUBLIC UTILITIES COMMISSION - 2023 BUDGET

MONTHLY STATISTICS - WASTEWATER DEPARTMENT

YEAR	MONTH	TOTAL FLOW	% I & I	SEWAGE FLOW	I & I FLOW**	RES REV	COMM REV	IND REV*	TOTAL REV	REV/1000 GAL
2022	JANUARY	36,570,000	8.91%	33,310,332	3,259,668	\$109,064	\$32,955	\$38,282	\$180,301	\$5.4128
2022	FEBRUARY	32,510,000	13.35%	28,169,789	4,340,211	\$98,453	\$28,533	\$34,917	\$161,902	\$5.7474
2022	MARCH	40,680,000	26.54%	29,884,735	10,795,265	\$101,871	\$34,216	\$33,820	\$169,907	\$5.6854
2022	APRIL	42,360,000	33.80%	28,042,850	14,317,150	\$102,961	\$32,933	\$33,314	\$169,208	\$6.0339
2022	MAY	49,900,000	44.74%	27,574,956	22,325,044	\$100,498	\$34,408	\$49,097	\$184,004	\$6.6729
2022	JUNE	40,570,000	21.93%	31,671,924	8,898,076	\$98,424	\$41,989	\$41,149	\$181,562	\$5.7326
2022	JULY	44,030,000	16.96%	36,564,611	7,465,389	\$98,969	\$41,635	\$48,450	\$189,054	\$5.1704
2022	AUGUST	37,660,000	17.31%	31,141,207	6,518,793	\$97,467	\$43,911	\$23,090	\$164,469	\$5.2814
2022	SEPTEMBER	33,890,000	10.76%	30,244,999	3,645,001	\$98,787	\$40,182	\$40,219	\$179,188	\$5.9246
2021	OCTOBER	42,460,000	23.09%	32,655,686	9,804,314	\$100,439	\$37,362	\$16,315	\$154,116	\$4.7194
2021	NOVEMBER	41,630,000	21.68%	32,604,373	9,025,627	\$217,923	\$97,300	\$95,235	\$410,458	\$12.5891
2021	DECEMBER	39,680,000	41.77%	23,106,926	16,573,074	\$89,882	\$27,570	\$31,020	\$148,471	\$6.4254
TOTALS		481,940,000	24.27%	364,972,388	116,967,612	\$1,314,738	\$492,994	\$484,908	\$2,292,640	\$6.2817

FAIRMONT PUBLIC UTILITIES COMMISSION - 2023 BUDGET
WASTEWATER STATISTICAL HISTORY PAGE WW - 4

MONTH	2022	2021	2020	2019	2018	2017	2016 - 2020
	TOTAL FLOW	TOTAL FLOW	TOTAL FLOW	TOTAL FLOW	TOTAL FLOW	TOTAL FLOW	AVERAGE
JANUARY	36,570,000	31,970,000	43,180,000	46,210,000	32,750,000	45,790,000	39,980,000
FEBRUARY	32,510,000	28,180,000	37,830,000	34,610,000	28,240,000	48,800,000	35,532,000
MARCH	40,680,000	43,050,000	80,490,000	85,470,000	52,870,000	67,480,000	65,872,000
APRIL	42,360,000	40,950,000	63,570,000	92,800,000	99,180,000	61,340,000	71,568,000
MAY	49,900,000	37,570,000	72,900,000	121,000,000	106,220,000	73,110,000	82,160,000
JUNE	40,570,000	33,840,000	50,730,000	69,970,000	93,580,000	53,710,000	60,366,000
JULY	44,030,000	32,530,000	42,350,000	52,690,000	71,880,000	40,950,000	48,080,000
AUGUST	37,660,000	39,430,000	34,520,000	45,820,000	52,200,000	40,480,000	42,490,000
SEPTEMBER	33,890,000	42,430,000	32,730,000	45,140,000	78,700,000	35,720,000	46,944,000
OCTOBER	36,000,000	42,460,000	34,410,000	62,130,000	66,860,000	48,180,000	50,808,000
NOVEMBER	36,000,000	41,630,000	33,010,000	48,650,000	49,000,000	37,000,000	41,858,000
DECEMBER	36,000,000	39,680,000	32,610,000	54,030,000	47,440,000	34,260,000	41,604,000
TOTALS	466,170,000	453,720,000	558,330,000	758,520,000	778,920,000	586,820,000	627,262,000

****October - December 2022 Estimated**

Plant Electric Expense	2022 YTD	2021	2020	2019	2018	2017
KWH	1,006,458	1,334,830	1,365,648	1,406,052	1,422,202	1,290,010
COST	\$ 73,647.57	\$ 97,676.21	\$ 99,969.28	\$ 102,887.86	\$ 104,069.65	\$ 94,434.57
COST/KWH	0.073175	0.073175	0.073203	0.073175	0.073175	0.073205

602-49450-38100

YTD through September

Infrastructure Revenue	2022 YTD	2021	2020	2019	2018	2017
602-37200-37214	\$ 225,919.14	\$ 286,715.04	\$ 271,317.09	\$ 260,043.92	\$ 259,389.89	\$ 258,829.99

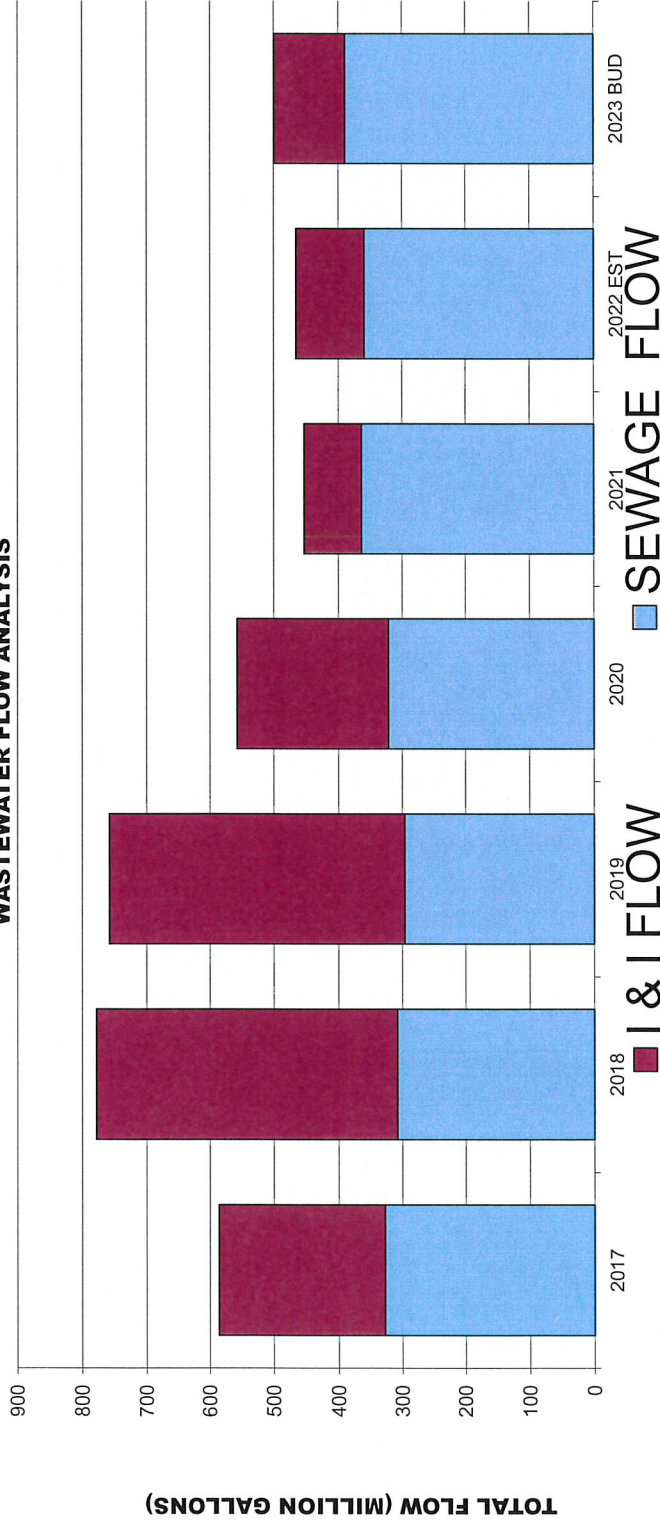
YTD through September

Debt Service Revenue	2022 YTD	2021	2020	2019	2018	2017
602-37200-37215	\$ 424,025.66	\$ 537,671.83	\$ 508,947.58	\$ 487,538.25	\$ 486,356.25	\$ 485,306.25

YTD through September

WASTEWATER DEPARTMENT

WASTEWATER FLOW ANALYSIS



YEAR	TOTAL FLOW	WWTR FLOW	I & I FLOW	% TOTAL FLOW	REVENUE	AVE REV / 1000 GAL
2017	586,820,000	327,629,048	259,190,952	44.17%	\$1,536,866	\$4.6909
2018	778,920,000	307,795,912	471,124,088	60.48%	\$1,523,690	\$4.9503
2019	758,520,000	296,051,659	462,468,341	60.97%	\$1,510,674	\$5.1027
2020	558,330,000	321,442,972	236,887,028	42.43%	\$1,570,196	\$4.8848
2021	453,720,000	364,637,447	89,082,553	19.63%	\$2,020,656	\$5.5415
2022 EST	466,170,000	360,023,091	106,146,909	22.77%	\$2,055,963	\$5.7106
2023 BUD	500,000,000	390,000,000	110,000,000	22.00%	\$2,329,600	\$5.9733

WNL6a

PUBLIC UTILITIES COMMISSION WASTEWATER DEPARTMENT STATISTICS FOR THE YEAR 2022

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TOTAL FLOW	36,570,000	32,510,000	40,680,000	42,360,000	49,900,000	40,570,000	44,030,000	37,660,000	33,890,000			
DAILY FLOW	1,180,000	1,160,000	1,310,000	1,410,000	1,610,000	1,350,000	1,420,000	1,210,000	1,130,000			
MAXIMUM FLOW	1,290,000	1,300,000	1,690,000	1,550,000	2,330,000	1,630,000	2,260,000	1,420,000	1,210,000			
MINIMUM FLOW	1,080,000	1,090,000	1,100,000	1,100,000	1,390,000	1,220,000	1,140,000	1,060,000	1,060,000			
I & I % OF TOTAL FLOW	8.91%	13.35%	26.54%	33.80%	44.74%	21.93%	16.96%	17.31%	10.76%			
INFLUENT AVERAGE:												
LBS / DAY BOD	2,444	2,196	2,447	2,932	3,632	2,771	1,910	2,752	2,791			
LBS / DAY TSS	2,106	2,225	2,730	3,409	3,857	2,954	2,517	3,004	3,251			
EFFLUENT BOD:												
AVERAGE BOD	2.0	2.0	2.0	3.0	3.0	2.0	2.0	1.8	1.9			
MAXIMUM BOD	3.0	3.0	2.0	5.0	5.0	4.0	3.0	2.5	2.8			
MINIMUM BOD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.4	0.8			
EFFLUENT TSS:												
AVERAGE TSS	8	7	6	7	7	8	10	8	9			
MAXIMUM TSS	10	11	12	14	10	12	33	14	14			
MINIMUM TSS	5	3	2	3	4	4	3	5	6			
# OF DAYS OVER PERMIT LIMITS	0	0	0	0	0	0	0	0	0			
ELECTRIC USE - KWH	103,328	105,774	89,934	106,416	112,332	125,926	127,042	119,016	116,690			
ELECTRIC USE - COST	\$7,561.02	\$7,740.01	\$6,580.92	\$7,786.99	\$8,219.90	\$9,214.64	\$9,296.30	\$8,708.99	\$7,759.89			
REVENUE:												
RESIDENTIAL	\$109,064.23	\$98,453.01	\$101,870.71	\$102,961.11	\$100,498.00	\$98,423.89	\$98,969.12	\$97,467.33	\$98,787.04			
COMMERCIAL	\$32,954.57	\$28,532.52	\$34,215.73	\$32,933.37	\$34,408.44	\$41,989.37	\$41,634.96	\$43,911.32	\$40,181.76			
INDUSTRIAL	\$38,282.25	\$34,916.91	\$33,820.25	\$33,313.78	\$49,097.24	\$41,148.51	\$48,449.68	\$23,090.24	\$40,219.45			
TOTAL REVENUE	\$180,301.05	\$161,902.44	\$169,906.69	\$169,208.26	\$184,003.68	\$181,561.77	\$189,053.76	\$164,468.89	\$179,188.25	\$0.00	\$0.00	\$0.00

WASTEWATER DEPARTMENT TOTALS YEAR TO DATE

	YEAR	
	2022	2021
TOTAL FLOW TO PLANT, GALLONS	358,170,000	329,950,000
I & I % OF TOTAL FLOW	13.35%	-4.23%
DAYS EXCEEDING PERMIT LIMITS	0	0
TOTAL ELECTRIC - KWH	1,006,458	1,016,628
TOTAL ELECTRIC - COST	\$72,868.66	\$ 74,391.78
TOTAL RESIDENTIAL REVENUE	\$906,494.44	\$860,420.64
TOTAL COMMERCIAL REVENUE	\$330,762.04	\$316,777.30
TOTAL INDUSTRIAL REVENUE	\$342,338.31	\$130,412.99
TOTAL REVENUE	\$1,579,594.79	\$1,307,610.93

BOD = Biodegradable Oxygen Demand
TSS= Total Suspended Solids

WNLob

CALCULATION TO DETERMINE TOTAL I & I FLOW FOR 2022

MONTH	RESIDENTIAL FLOW	ADJ COMM FLOW	INDUSTRIAL FLOW	RECLAIM SLUDGE	SEWAGE FLOW		TOTAL FLOW	I & I	PERCENT TOTAL FLOW
					BASE FLOW/TOTAL SALES	FLOW/TOTAL SALES			
JAN	15,245,992	11,288,935	6,113,364	662,041	33,310,332	36,570,000	3,259,668	8.91%	
FEB	11,156,702	10,111,849	6,390,763	510,475	28,169,789	32,510,000	4,340,211	13.35%	
MAR	13,033,230	9,844,308	6,669,180	338,017	29,884,735	40,680,000	10,795,265	26.54%	
APR	12,797,310	8,246,339	6,538,466	460,735	28,042,850	42,360,000	14,317,150	33.80%	
MAY	12,041,174	7,816,434	6,867,937	849,411	27,574,956	49,900,000	22,325,044	44.74%	
JUN	14,887,115	9,554,715	6,561,349	668,745	31,671,924	40,570,000	8,898,076	21.93%	
JUL	16,910,321	11,525,394	6,673,608	1,455,288	36,564,611	44,030,000	7,465,389	16.96%	
AUG	14,849,541	10,026,892	5,504,930	759,844	31,141,207	37,660,000	6,518,793	17.31%	
SEP	15,458,954	8,641,301	5,550,292	594,452	30,244,999	33,890,000	3,645,001	10.76%	
OCT					0		0	#DIV/0!	
NOV					0		0	#DIV/0!	
DEC					0		0	#DIV/0!	
TOTAL	126,380,339	87,056,167	56,869,889	6,299,008	276,605,403	358,170,000	81,564,597	22.77%	
PERCENT	45.69%	31.47%	20.56%	2.28%	100.00%				

MEMORANDUM

DATE: November 15, 2022
TO: Public Utilities Commission
FROM: Julie Zarling, Assistant Finance Director
RE: 2023 Electric Department Proposed Budget

Comments on the Electric Department Proposed Budget

The Schedule B power rates increased 15.6% to the on-peak energy and off-peak energy rates effective November 1, 2022. In addition to the energy rate increases, SMMPA will be replacing the Base Rate Cost Adjustment with a new Energy Cost Adjustment effective February 1, 2023. The SMMPA 2021 Load Forecast for Fairmont shows a slight increase (1%) in MWh in 2023, and the budget reflects this forecast.

PAGE E1: The SMMPA demand page shows estimated, actual and billed demand over the past year, and estimated demand for 2023. Our peak demand of 31,550 MW was set on June 20, 2022. The ratchet (74% of peak) for 2023 will be 23,663. The budgeted demand cost for 2023 is \$3,337,604.

PAGE E2: The SMMPA transmission charge estimate for 2023 is based on our annual peak set June through September of 2022. The transmission charge is billed at 100% of the summer peak, so transmission costs increase when our peak demand increases. SMMPA's transmission rate of \$2.74 per kW is the same as last year. Our 2022 peak was less than in 2021 (31,550 vs 31,627). The transmission costs related to the WAPA contract billed by SMMPA total \$62,170 in 2022 and appear in the column labeled "2022 Est MISO Trans".

Public Utilities Commission
November 15, 2022
Page 2

PAGE E3: This chart maps monthly SMMPA demand history from 2017 through September 2022.

PAGE E4: SMMPA energy charges are calculated using the kWh budget and the percentage of on- and off-peak purchases for each of the last 12 months. The last 5 years, the on-peak usage has averaged 46.77% of total usage, and off-peak usage averaged 53.23% of the total. With the 15.6% increase starting November 1, 2022, SMMPA's on-peak rate is \$0.064310/kWh and the off-peak rate is \$0.048080/kWh. The 2023 budget for SMMPA purchased power is \$8,291,130 using SMMPA's load estimate of 148,931 MWh. This is an increase of \$1,136,187 from last year.

PAGE E5: The SMMPA energy billing chart illustrates purchases from 2017 through September 2022.

PAGE E6: The WAPA energy charges page shows our demand and kWh allocation for each month. Energy from WAPA is estimated to cost \$88,780 in 2023.

PAGE E7: This page outlines each portion of our purchased energy cost: SMMPA's demand, transmission, and energy costs, and the WAPA cost for the year. The blended cost per kWh for demand, transmission and energy is \$0.0842 per kWh for the total kWh purchase budget. The budgeted energy cost for SMMPA and WAPA is \$12,831,482 for 2023.

PAGE E8: The calculation for our Energy Cost Adjustment (ECA) uses estimated purchased power costs and sales, along with operating costs and estimated system losses. Because SMMPA has raised their energy rate by 15.6%, the ECA is increasing to \$0.013685 per kWh for all rate classes. The ECA total revenue for 2023 is budgeted at \$2,037,354.

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November 15, 2022
Page 3

PAGE E9: The sales per rate class page recaps the kWh sales for each electric rate class. The actual kWh sales for each class is listed for 2021. The data table shows projected energy sales for 2022 and budgeted energy sales for 2023. As in past budgets, current year revenue per kWh is used to calculate 2023 revenue per rate class. The 2023 blended revenue per kWh sold is calculated at \$0.111048 for total budgeted sales of \$16,538,437.

PAGE E10: This page is from the 2021 final audit report and shows the two most recent years of electric department data. The kWh sales, billed amounts, and revenue per kWh for each service type is listed, along with other data.

PAGE E11: The electric department year to date statistical report for January through September 2022 is included for reference.

PAGE E12: This page is a summary of the calculation used to determine the demand side management (DSM) budget for 2023. We are required to spend 1.5% of gross revenue on rebates and conservation programs. The DSM budget is \$248,089 for 2023.

PAGE E13: This page provides the breakdown by rebate for current year spending through September, and the 2022 and 2023 budget amounts for each rebate. We provide energy saving information through our online utility billing portal, along with rebate forms, information on our website and printed forms and information at city hall.

FAIRMONT PUBLIC UTILITIES COMMISSION - 2023 BUDGET

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SMMPA DEMAND COST

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	2022	2022	2022	2022	2023	2023	2023	2023	2023	2023	2023	2023
	EST DEMAND	ACTUAL DEMAND	BILLED DEMAND	BILLED DEMAND	EST DEMAND	BILLED DEMAND	BILLED DEMAND	X	KW	RATE	RATE	DEMAND COST
JANUARY, 2022	20,000	21,724	22,987	22,987	20,500	23,663	RATCHET			\$ 10.95		\$259,110
FEBRUARY, 2022	20,000	21,284	22,987	22,987	20,500	23,663	RATCHET			\$ 10.95		\$259,110
MARCH, 2022	18,000	19,194	22,987	22,987	18,000	23,663	RATCHET			\$ 10.95		\$259,110
APRIL, 2022	18,000	18,501	22,987	22,987	18,000	23,663	RATCHET			\$ 10.95		\$259,110
MAY, 2022	20,000	26,268	26,268	26,268	23,000	23,663	RATCHET			\$ 10.95		\$259,110
JUNE, 2022	29,000	31,550	31,550	31,550	30,500	30,500				\$ 10.95		\$333,975
JULY, 2022	30,000	30,444	30,444	30,444	30,500	30,500				\$ 10.95		\$333,975
AUGUST, 2022	30,000	30,790	30,790	30,790	30,000	30,000				\$ 10.95		\$328,500
SEPTEMBER, 2022	28,000	27,105	27,105	27,105	24,500	24,500				\$ 10.95		\$268,275
OCTOBER, 2021	20,000	20,267	22,897	22,897	19,000	23,663	RATCHET			\$ 10.95		\$259,110
NOVEMBER, 2021	20,000	18,421	22,897	22,897	18,000	23,663	RATCHET			\$ 10.95		\$259,110
DECEMBER, 2021	20,000	19,792	22,897	22,897	20,000	23,663	RATCHET			\$ 10.95		\$259,110
TOTALS	273,000	285,340	306,796	306,796	272,500	304,804						\$3,337,604

2022 BUDGET AMOUNT: \$3,331,340
 2021 BUDGET AMOUNT: \$3,241,726
 2020 BUDGET AMOUNT: \$3,269,188

RATCHET COST ESTIMATE: 304,804 - 272,500 = 32,304 X \$10.95 = \$353,729

2023 RATCHET OF 23,663 BASED ON 74% PEAK DEMAND OF 31,550 SET ON JUNE 20, 2022

FAIRMONT PUBLIC UTILITIES COMMISSION - 2023 BUDGET

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SMMPA TRANSMISSION CHARGES

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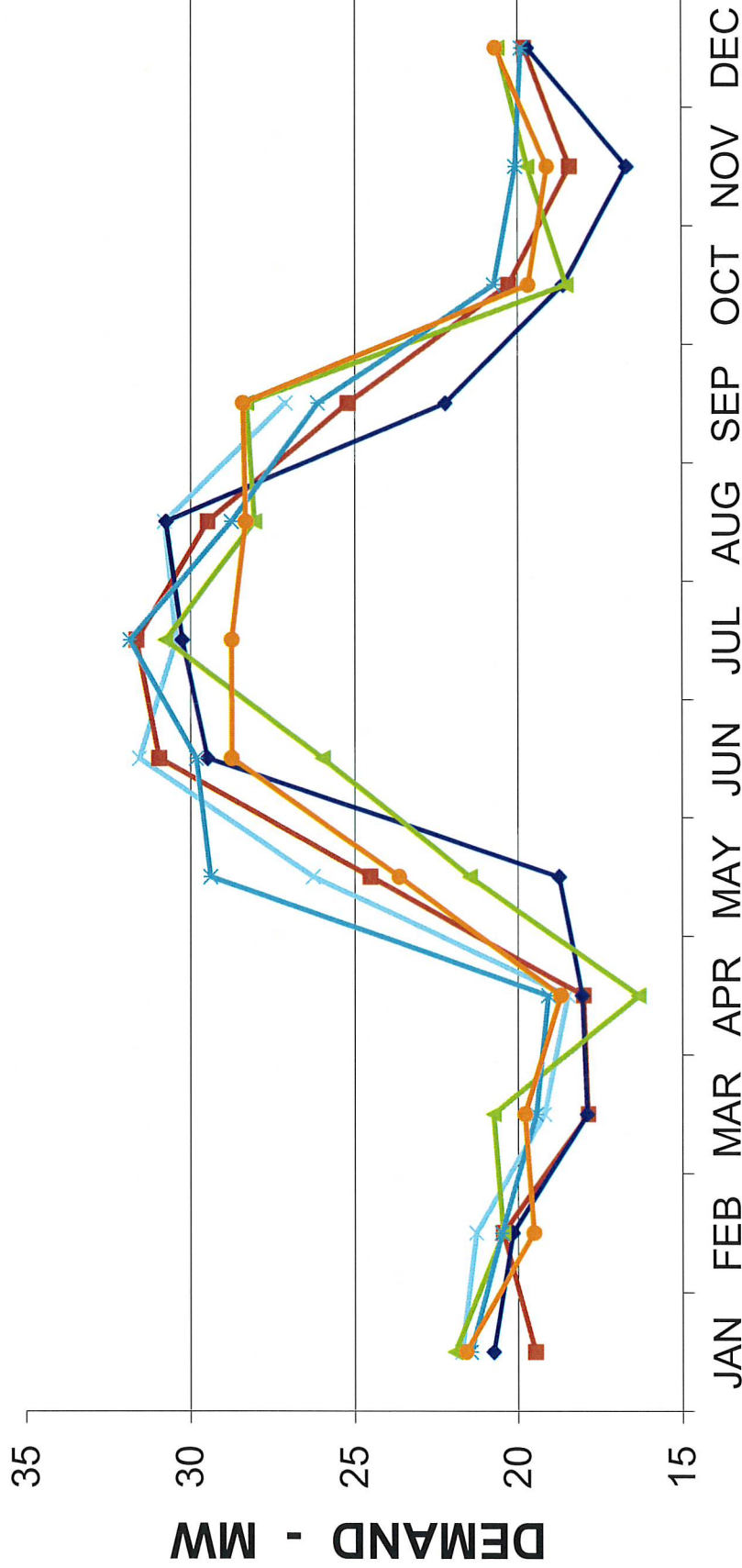
	2022	2023	KW RATE	2023	2022 EST	2023
	Peak	ESTIMATE	\$2.74	TRANS COST	MISO TRANS	COST TOTAL
		X			(NEW)	
JANUARY, 2022	31,550	31,989	\$2.74	\$87,650	\$ 7,958	\$95,608
FEBRUARY, 2022	31,550	31,989	\$2.74	\$87,650	\$ 8,955	\$96,605
MARCH, 2022	31,550	31,989	\$2.74	\$87,650	\$ 9,835	\$97,485
APRIL, 2022	31,550	31,989	\$2.74	\$87,650	\$ 4,914	\$92,564
MAY, 2022	31,550	31,989	\$2.74	\$87,650	\$ (4,423)	\$83,226
JUNE, 2022	31,550	31,989	\$2.74	\$87,650	\$ 3,509	\$91,158
JULY, 2022	31,550	31,989	\$2.74	\$87,650	\$ 2,382	\$90,031
AUGUST, 2022	31,550	31,989	\$2.74	\$87,650	\$ 5,172	\$92,822
SEPTEMBER, 2022	31,550	31,989	\$2.74	\$87,650	\$ 6,899	\$94,549
OCTOBER, 2021	31,550	31,989	\$2.74	\$87,650	\$ 6,246	\$93,896
NOVEMBER, 2021	31,550	31,989	\$2.74	\$87,650	\$ 7,769	\$95,419
DECEMBER, 2021	31,550	31,989	\$2.74	\$87,650	\$ 2,954	\$90,604
TOTALS				\$1,051,798	\$62,170	\$1,113,968

TRANSMISSION CHARGES BASED ON PEAK DEMAND LOAD FORECAST FROM SMMPA

2022 TRANSMISSION CHARGE BUDGET WAS \$1,108,887.
 2021 TRANSMISSION CHARGE BUDGET WAS \$1,108,887.
 2020 TRANSMISSION CHARGE BUDGET WAS \$1,011,159.

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FAIRMONT PUBLIC UTILITIES SMMPA DEMAND HISTORY 2017-2022



* 2022 ACTUAL
 ■ 2021 ACTUAL
 ◆ 2020 ACTUAL
 ▲ 2019 ACTUAL
 * 2018 ACTUAL
 ● 2017 ACTUAL

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2022 ACTUAL	21.724	21.284	19.194	18.501	26.268	31.550	30.444	30.790	27.105			
2021 ACTUAL	19.467	20.449	17.873	18.006	24.524	30.942	31.627	29.457	25.197	20.267	18.421	19.792
2020 ACTUAL	20.750	20.153	17.915	18.067	18.746	29.459	30.244	30.740	22.220	18.608	16.694	19.703
2019 ACTUAL	21.933	20.460	20.748	16.336	21.459	25.957	30.753	28.048	28.288	18.530	19.703	20.623
2018 ACTUAL	21.448	20.499	19.444	19.080	29.373	29.817	31.846	28.744	26.125	20.735	20.070	19.897
2017 ACTUAL	21.595	19.518	19.787	18.694	23.647	28.723	28.726	28.312	28.393	19.676	19.103	20.691

FAIRMONT PUBLIC UTILITIES COMMISSION - 2023 BUDGET

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SMMPA ENERGY CHARGES

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	2022 BUDGET KWH			2022 ACTUAL KWH			2023 BUDGET KWH			2023 KWH COSTS		2023 WAPA WHEELING	2023 ENERGY COST TOTAL
	ON PEAK	OFF PEAK	TOTAL	ON PEAK	OFF PEAK	TOTAL	ON PEAK	OFF PEAK	BUDGET	ON PEAK \$	OFF PEAK \$		
JANUARY, 2022	5,744,564	6,505,436	12,250,000	5,708,539	7,357,420	13,065,959	5,920,293	6,737,707	12,658,000	\$ 380,734	\$ 323,949	\$ 0	\$ 704,683
FEBRUARY, 2022	5,392,856	6,107,144	11,500,000	5,355,863	6,246,039	11,601,902	5,378,683	6,121,317	11,500,000	\$ 345,903	\$ 294,313	\$ 0	\$ 640,216
MARCH, 2022	5,275,620	5,974,380	11,250,000	5,583,664	6,013,472	11,597,136	5,261,755	5,988,245	11,250,000	\$ 338,383	\$ 287,915	\$ 0	\$ 626,298
APRIL, 2022	4,839,502	5,480,498	10,320,000	4,908,276	5,781,075	10,689,351	4,826,784	5,493,216	10,320,000	\$ 310,410	\$ 264,114	\$ 0	\$ 574,524
MAY, 2022	5,584,654	6,324,346	11,909,000	5,183,170	6,187,961	11,371,131	5,569,977	6,339,023	11,909,000	\$ 358,205	\$ 304,780	\$ 0	\$ 662,985
JUNE, 2022	6,940,371	7,859,629	14,800,000	6,769,067	6,706,171	13,475,238	6,922,131	7,877,869	14,800,000	\$ 445,162	\$ 378,768	\$ 0	\$ 823,930
JULY, 2022	7,221,737	8,178,263	15,400,000	6,660,980	8,204,079	14,865,059	7,202,758	8,197,242	15,400,000	\$ 463,209	\$ 394,123	\$ 0	\$ 857,332
AUGUST, 2022	6,799,687	7,700,313	14,500,000	7,107,415	6,805,783	13,913,198	6,781,818	7,718,182	14,500,000	\$ 436,139	\$ 371,090	\$ 0	\$ 807,229
SEPTEMBER, 2022	5,275,620	5,974,380	11,250,000	5,656,752	6,076,932	11,733,684	5,261,755	5,988,245	11,250,000	\$ 338,383	\$ 287,915	\$ 0	\$ 626,298
OCTOBER, 2021	5,436,936	6,157,064	11,594,000	5,157,546	6,203,363	11,360,909	5,422,648	6,171,352	11,594,000	\$ 348,731	\$ 296,719	\$ 0	\$ 645,450
NOVEMBER, 2021	5,392,856	6,107,144	11,500,000	5,010,902	5,943,731	10,954,633	5,378,683	6,121,317	11,500,000	\$ 345,903	\$ 294,313	\$ 0	\$ 640,216
DECEMBER, 2021	5,744,564	6,505,436	12,250,000	5,768,870	6,269,455	12,038,325	5,729,467	6,520,533	12,250,000	\$ 368,462	\$ 313,507	\$ 0	\$ 681,969
TOTALS	69,648,964	78,874,036	148,523,000	68,871,044	77,795,481	146,666,525	69,656,754	79,274,246	148,931,000	\$ 4,479,624	\$ 3,811,506	\$ 0	\$ 8,291,130

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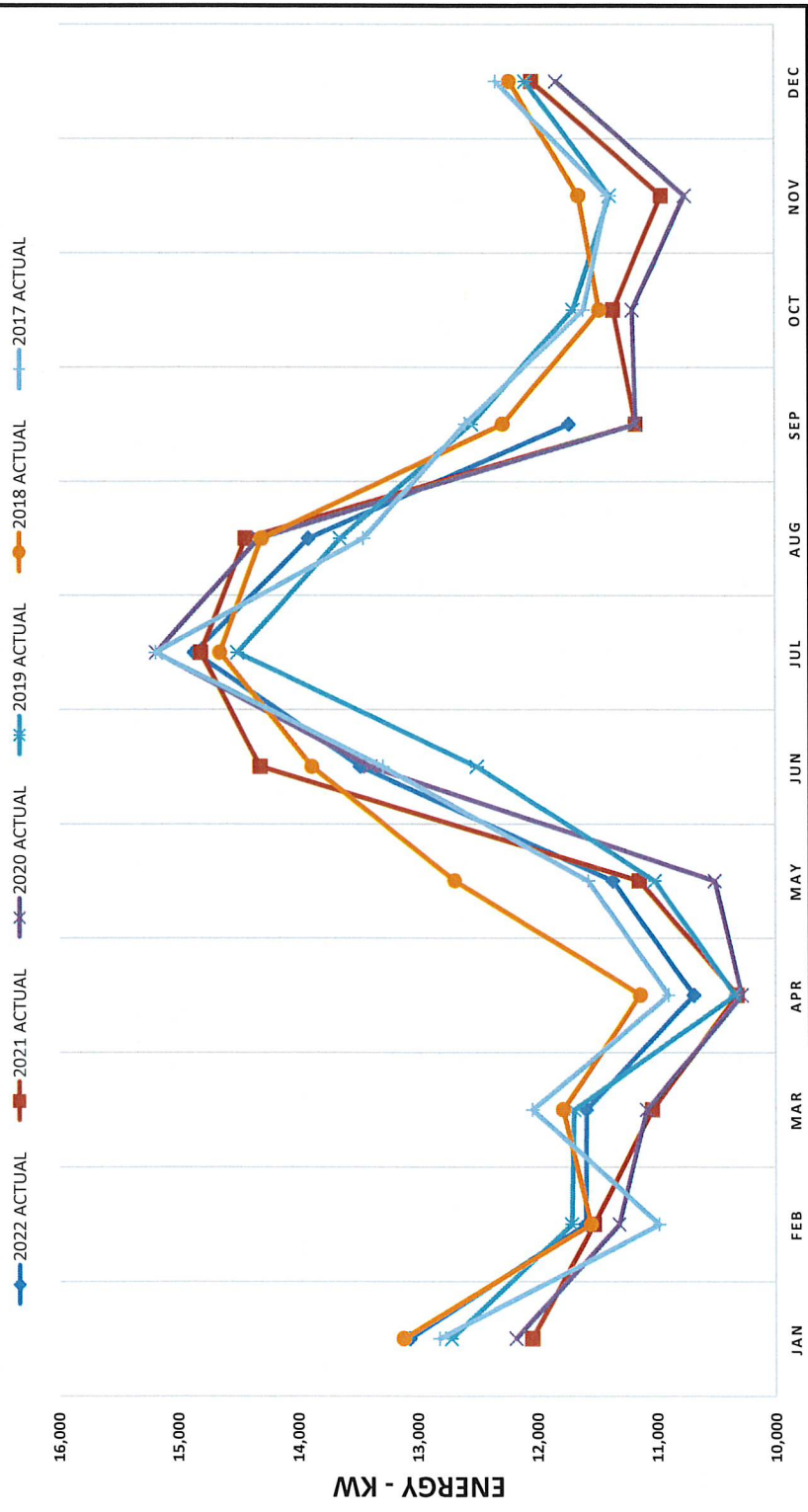
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RATES	
ON PEAK	OFF PEAK
\$ 0.055630	\$ 0.041590

YEAR	BUDGET AMOUNTS KWH			ACTUAL AMOUNTS KWH			604-495501-21820
	ON PEAK	OFF PEAK	TOTAL	ON PEAK	OFF PEAK	TOTAL	
2021	67,895,933	77,598,067	145,494,000	67,919,381	76,683,863	144,603,244	\$ 6,889,043
2020	68,861,138	77,981,862	146,843,000	67,498,387	77,143,713	144,642,100	\$ 6,731,874
2019	70,480,200	81,519,800	152,000,000	68,488,644	77,560,028	146,048,672	\$ 6,949,088
2018	67,311,781	83,288,219	150,600,000	69,908,562	80,858,623	150,767,185	\$ 7,450,642
2017	67,230,558	83,519,442	150,750,000	66,564,335	82,363,367	148,927,702	\$ 7,028,378

FAIRMONT PUBLIC UTILITIES SMPMPA ENERGY BILLING



MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2022 ACTUAL	13,066	11,602	11,597	10,689	11,371	13,475	14,865	13,913	11,734			
2021 ACTUAL	12,042	11,530	11,038	10,318	11,144	14,316	14,810	14,440	11,173	11,361	10,955	12,038
2020 ACTUAL	12,181	11,322	11,085	10,280	10,510	13,396	15,189	14,326	11,173	11,199	10,756	11,838
2019 ACTUAL	12,717	11,717	11,698	10,339	11,016	12,502	14,508	13,648	12,547	11,698	11,392	12,092
2018 ACTUAL	13,117	11,559	11,784	11,136	12,686	13,882	14,653	14,305	12,282	11,477	11,651	12,227
2017 ACTUAL	12,817	10,983	12,041	10,900	11,577	13,289	15,192	13,452	12,596	11,613	11,406	12,342

FAIRMONT PUBLIC UTILITIES COMMISSION - 2023 BUDGET

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WAPA ENERGY CHARGES

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	DEMAND PURCH	KWH PURCH	2022 COST	AVERAGE COST KWH	2022 DEMAND \$	2022 ENERGY \$\$	2022 TRANS DISC	2022 COST EST
							(no discount)	
JANUARY, 2022	784	286,000	\$7,911.22	\$0.027662	\$4,116.00	\$3,795.22	\$0.00	\$7,911.00
FEBRUARY, 2022	785	287,000	\$7,929.74	\$0.027630	\$4,121.25	\$3,808.49	\$0.00	\$7,930.00
MARCH, 2022	782	342,000	\$8,643.84	\$0.025274	\$4,105.50	\$4,538.34	\$0.00	\$8,644.00
APRIL, 2022	774	358,000	\$8,814.16	\$0.024621	\$4,063.50	\$4,750.66	\$0.00	\$8,814.00
MAY, 2022	569	252,000	\$6,331.29	\$0.025124	\$2,987.25	\$3,344.04	\$0.00	\$6,331.00
JUNE, 2022	578	232,000	\$6,113.14	\$0.026350	\$3,034.50	\$3,078.64	\$0.00	\$6,113.00
JULY, 2022	578	246,000	\$6,298.92	\$0.025605	\$3,034.50	\$3,264.42	\$0.00	\$6,299.00
AUGUST, 2022	546	261,000	\$6,329.97	\$0.024253	\$2,866.50	\$3,463.47	\$0.00	\$6,330.00
SEPTEMBER, 2022	556	239,000	\$6,090.53	\$0.025483	\$2,919.00	\$3,171.53	\$0.00	\$6,091.00
OCTOBER, 2021	578	253,000	\$6,391.81	\$0.025264	\$3,034.50	\$3,357.31	\$0.00	\$6,392.00
NOVEMBER, 2021	885	356,000	\$9,370.37	\$0.026321	\$4,646.25	\$4,724.12	\$0.00	\$9,370.00
DECEMBER, 2021	856	306,000	\$8,554.62	\$0.027956	\$4,494.00	\$4,060.62	\$0.00	\$8,555.00
TOTAL	8,271	3,418,000	\$88,779.61	\$0.025974	\$43,422.75	\$45,356.86	\$0.00	\$88,780.00

WAPA RATES

DEMAND CHARGES/KW	\$5.250000	
ENERGY CHARGES/ KWH	\$0.013270	
TRANSMISSION DISCOUNT/KWH	DISCONTINUED (\$0.001000)	0.0260

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AVERAGE COST PER KWH

**FAIRMONT PUBLIC UTILITIES COMMISSION - 2023 BUDGET
SUMMARY OF DEMAND, TRANSMISSION & ENERGY CHARGES**

	SMMPA DEMAND	SMMPA TRANS	SMMPA ENERGY	WAPA ENERGY	TOTAL COSTS	SMMPA KWH	WAPA KWH	TOTAL KWH	COST / KWH
JAN	\$ 259,110	\$ 95,608	\$ 704,683	\$ 7,911	\$ 1,067,312	12,658,000	286,000	12,944,000	0.082456126
FEB	\$ 259,110	\$ 96,605	\$ 640,216	\$ 7,930	\$ 1,003,861	11,500,000	287,000	11,787,000	0.085166805
MAR	\$ 259,110	\$ 97,485	\$ 626,298	\$ 8,644	\$ 991,537	11,250,000	342,000	11,592,000	0.085536289
APR	\$ 259,110	\$ 92,564	\$ 574,524	\$ 8,814	\$ 935,012	10,320,000	358,000	10,678,000	0.087564297
MAY	\$ 259,110	\$ 83,226	\$ 662,985	\$ 6,331	\$ 1,011,652	11,909,000	252,000	12,161,000	0.083188247
JUN	\$ 333,975	\$ 91,158	\$ 823,930	\$ 6,113	\$ 1,255,176	14,800,000	232,000	15,032,000	0.083500298
JUL	\$ 333,975	\$ 90,031	\$ 857,332	\$ 6,299	\$ 1,287,637	15,400,000	246,000	15,646,000	0.082298188
AUG	\$ 328,500	\$ 92,822	\$ 807,229	\$ 6,330	\$ 1,234,881	14,500,000	261,000	14,761,000	0.083658368
SEP	\$ 268,275	\$ 94,549	\$ 626,298	\$ 6,091	\$ 995,213	11,250,000	239,000	11,489,000	0.086623119
OCT	\$ 259,110	\$ 93,896	\$ 645,450	\$ 6,392	\$ 1,004,848	11,594,000	253,000	11,847,000	0.084818747
NOV	\$ 259,110	\$ 95,419	\$ 640,216	\$ 9,370	\$ 1,004,114	11,500,000	356,000	11,856,000	0.084692517
DEC	\$ 259,110	\$ 90,604	\$ 681,969	\$ 8,555	\$ 1,040,238	12,250,000	306,000	12,556,000	0.082847856
TOTAL	\$3,337,604	\$1,113,968	\$8,291,130	\$88,780	\$12,831,482	148,931,000	3,418,000	152,349,000	\$0.0842
2023 BUDGET	\$ 3,354,029	\$ 1,113,968	\$ 8,290,855	\$ 88,780	\$ 12,847,632	148,931,000	3,418,000	152,349,000	\$ 0.0843
2022 BUDGET	\$ 3,331,340	\$ 1,122,043	\$ 7,156,510	\$ 88,780	\$ 11,698,673	148,523,000	3,418,000	151,941,000	\$ 0.0770
2021 BUDGET	\$ 3,273,875	\$ 1,108,887	\$ 7,004,354	\$ 88,780	\$ 11,475,896	145,494,000	3,418,000	148,912,000	\$ 0.0771
2020 BUDGET	\$ 3,269,188	\$ 1,011,159	\$ 7,077,427	\$ 85,362	\$ 11,443,136	146,843,000	3,418,000	150,261,000	\$ 0.0762
2019 BUDGET	\$ 3,396,821	\$ 1,047,096	\$ 7,314,637	\$ 85,362	\$ 11,843,917	152,000,000	3,418,000	154,018,000	\$ 0.0769
2018 BUDGET	\$ 3,323,562	\$ 982,429	\$ 7,512,181	\$ 91,146	\$ 11,909,318	150,600,000	3,418,000	154,018,000	\$ 0.0773
2017 BUDGET	\$ 3,473,204	\$ 1,101,743	\$ 7,517,504	\$ 100,337	\$ 12,192,788	150,750,000	3,428,000	154,178,000	\$ 0.0791
2016 BUDGET	\$ 3,336,348	\$ 996,554	\$ 7,283,671	\$ 118,549	\$ 11,735,122	149,600,000	3,418,000	153,018,000	\$ 0.0767

AVERAGE COST PER KWH RECEIVED	
SMMPA	\$0.0856
WAPA	\$0.0260

FAIRMONT PUBLIC UTILITIES COMMISSION - 2023 BUDGET

604 - 37400 - 37419

ENERGY COST ADJUSTMENT CALCULATION

PAGE E - 8

TOTAL PURCHASED POWER COST (ENERGY, DEMAND, TRANSMISSION, SMMPA & WAPA)		\$12,831,482	
PLUS FAIRMONT PUC OPERATING COST ALLOCATION, IF ANY		\$605,700	
TOTAL PURCHASED POWER ACQUISITION COST		\$13,437,182	
TOTAL ENERGY PURCHASED FROM SMMPA (KWH)		148,931,000	
TOTAL ENERGY PURCHASED FROM WAPA (KWH)		3,418,000	
TOTAL ENERGY PURCHASED FOR ALL SOURCES (KWH)		152,349,000	
ANNUAL % OF TRANSMISSION AND TRANSFORMATION LOSSES		2.244%	
TOTAL SYSTEM LOSSES		3,418,000	
TOTAL ENERGY DELIVERED TO DISTRIBUTION SYSTEM (EST. KWH SOLD)		148,931,000	
ENERGY COST ADJUSTMENT CALCULATION:			
POWER COSTS	DIVIDED BY	KWH SOLD	COST / KWH SOLD
<u>\$13,437,182</u>	/	<u>148,931,000</u>	KWH
			\$0.090224
BASE RATE FROM 2014 BERG RATE STUDY			(\$0.076539)
ESTIMATED ANNUAL ENERGY COST ADJUSTMENT (ECA)			\$0.013685
ENERGY COST ADJUSTMENT REVENUE CALCULATION			
<u>\$0.013685</u>	X	<u>148,875,000</u>	KWH
		(LESS FLAT RATE LIGHTS)	\$2,037,354

FAIRMONT PUBLIC UTILITIES COMMISSION - 2023 BUDGET

SALES PER RATE CLASS

ACCT #	RATE	ACTUAL 2021	PROJ 2022	BUDG 2023	BUDG \$ 2023	REV/KWH
604 - 37400 - 37411	RL	29,025,127	28,809,443	29,950,000	\$3,380,449	0.112870
604 - 37400 - 37412	RH	9,500,740	9,538,324	9,600,000	\$998,696	0.104031
604 - 37400 - 37413	CS	20,973,160	21,514,173	21,293,000	\$2,277,519	0.106961
604 - 37400 - 37414	SH	1,069,245	1,285,734	1,285,000	\$97,997	0.076262
604 - 37400 - 37415	GS	15,314,107	15,946,406	15,900,000	\$1,531,663	0.096331
604 - 37400 - 37416	IN	53,191,464	53,264,893	54,583,000	\$4,896,557	0.089708
604 - 37400 - 37417	AE	8,361,915	8,531,955	8,775,000	\$628,678	0.071644
604 - 37400 - 37418	RE	3,585,401	3,706,580	3,925,000	\$434,389	0.110672
604 - 37400 - 37420	FP	1,381,334	1,410,934	1,615,000	\$107,398	0.066500
604 - 37400 - 37421	WW	1,344,296	1,334,126	1,400,000	\$93,100	0.066500
604 - 37400 - 37423	SL	496,053	500,516	549,000	\$41,175	0.075000
604 - 37400 - 37426	FR	46,334	46,809	56,000	\$13,463	0.240403
TOTAL		144,289,176	145,889,893	148,931,000	\$14,501,083	
604 - 37400 - 37419	ECA		PLUS ECA ***		\$2,037,354	\$0.013685
			TOTAL SALES		\$16,538,437	\$0.111048
			2022 BUD		\$15,550,379	\$0.104700
			2021 BUD		\$15,130,536	\$0.104214
			2020 BUD		\$15,079,819	\$0.103461

*** ECA DOLLARS BASED ON KWH SALES MINUS FLAT RATE (FR)

City of Fairmont, Minnesota
Public Utilities Commission
Kilowatt Sales (Continued on the Following Pages)
Last Ten Fiscal Years

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Table 24

Type of Service	KWH	Amount Billed	Revenue Per KWH	Percent of KWH to Total KWH	Percent of Revenue to Total Revenue	Number of Meters in Service
<u>2021</u>						
Residential Light	29,025,127	\$ 3,286,486	\$ 0.113229	20.1 %	21.8 %	3,862
Commercial Service	20,973,160	2,226,226	0.106146	14.5	14.8	766
General Service	15,314,107	1,465,079	0.095669	10.6	9.7	43
Industrial Sales	53,191,464	4,778,195	0.089830	36.9	31.7	13
All Electric	8,361,915	634,469	0.075876	5.8	4.2	8
Rural Electric	3,585,401	400,183	0.111615	2.5	2.7	226
Filter Plant	1,381,334	91,859	0.066500	1.0	0.6	1
Street Lighting	496,053	37,204	0.075000	0.3	0.2	8
Flat Rate Security Lights	46,334	10,560	0.227910	-	0.1	-
Residential Heat	9,500,740	990,475	0.104252	6.6	6.6	912
Wastewater Plant	1,344,296	89,396	0.066500	0.9	0.6	1
Seasonal Heat Rate	1,069,245	84,088	0.078642	0.7	0.6	25
Energy Cost Adjustment	-	955,779	-	-	6.4	-
Total Sales	<u>144,289,176</u>	<u>\$ 15,049,999</u>	<u>\$ 0.104304</u>	<u>100.0 %</u>	<u>100.0 %</u>	<u>5,865</u>

Type of Service	KWH	Amount Billed	Revenue Per KWH	Percent of KWH to Total KWH	Percent of Revenue to Total Revenue	Number of Meters in Service
<u>2020</u>						
Residential Light	28,676,595	\$ 3,251,767	\$ 0.113394	20.2 %	21.9 %	3,816
Commercial Service	19,972,644	2,155,867	0.107941	14.1	14.5	764
General Service	14,585,391	1,407,595	0.096507	10.3	9.5	42
Industrial Sales	52,632,897	4,760,160	0.090441	37.1	32.0	13
All Electric	8,384,124	605,805	0.072256	5.9	4.1	8
Rural Electric	3,601,322	401,797	0.111569	2.5	2.7	223
Filter Plant	1,388,800	92,355	0.066500	1.0	0.6	1
Street Lighting	499,104	37,433	0.075000	0.4	0.3	8
Flat Rate Security Lights	46,541	10,705	0.230012	-	0.1	143
Residential Heat	9,473,827	988,090	0.104297	6.7	6.7	905
Wastewater Plant	1,365,648	90,816	0.066500	1.0	0.6	1
Seasonal Heat Rate	1,069,794	82,849	0.077444	0.8	0.6	25
Energy Cost Adjustment	-	943,511	-	-	6.4	-
Total Sales	<u>141,696,687</u>	<u>\$ 14,828,750</u>	<u>\$ 0.104651</u>	<u>100.0 %</u>	<u>100.0 %</u>	<u>5,949</u>

FAIRMONT PUBLIC UTILITIES

ELECTRIC DEPT STATISTICAL COMPARISON - SEPTEMBER

ACCOUNT #	DESCRIPTION	SEPT KWH 2022	SEPT KWH 2021	SEPT REV 2022	SEPT REV 2021
604-37400-37411	Residential Light Sales	2,797,077	2,729,974	\$313,328.10	\$306,428.92
604-37400-37412	Residential Heat Sales	783,667	766,965	\$81,712.10	\$80,116.25
604-37400-37413	Commercial Service Sales	1,879,230	1,842,170	\$201,793.39	\$198,199.74
604-37400-37414	Seasonal Commercial Heat Sales	33,786	31,846	\$2,596.00	\$2,321.04
604-37400-37415	General Service Sales	1,477,723	1,353,903	\$141,943.65	\$134,846.43
604-37400-37416	Industrial Sales	4,700,332	4,253,524	\$426,221.33	\$392,865.32
604-37400-37417	All Electric Sales	671,134	599,850	\$46,404.22	\$64,678.41
604-37400-37418	Rural Electric Sales	297,343	311,477	\$33,115.71	\$34,713.14
604-37400-37420	Filter Plant Power	129,600	128,800	\$8,618.40	\$8,565.20
604-37400-37421	WW Treatment Plant Power	116,690	120,318	\$7,759.89	\$8,001.15
604-37400-37423	Municipal Street Lighting	40,320	36,946	\$3,024.01	\$2,770.96
604-37400-37426	Security & Street Lighting	3,787	3,439	\$884.58	\$879.98
604-37400-37419	Energy Cost Adjustment			\$86,003.39	\$81,104.58
TOTAL SALES		12,930,689	12,179,212	\$ 1,353,404.77	\$1,315,491.12

ELECTRIC PURCHASES	2022	2021
TIE LINE - SMMPA 69 KV (BILLED)	11,733,684	11,869,364
TIE LINE - WAPA 69 KV (BILLED)	239,000	239,000
TOTAL PURCHASES (69 KV)	11,972,684	12,108,364

PERCENTAGE OF LOSSES	
2022	2021

69 KV TRANSMISSION & TRANSFORMATION LOSSES	(4,114,114)	(4,127,065)	-34.36%	-34.08%
TOTAL CALC KWH LOAD	16,086,798	16,235,429		
TOTAL ENERGY SALES	12,930,689	12,179,212		
DISTRIBUTION SYSTEM LOSSES	3,156,109	4,056,217	19.62%	24.98%

FAIRMONT PUBLIC UTILITIES

ELECTRIC DEPT STATISTICAL COMPARISON - YTD

ACCOUNT #	DESCRIPTION	YTD KWH 2022	YTD KWH 2021	YTD REV 2022	YTD REV 2021
604-37400-37411	Residential Light Sales	22,724,129	29,025,127	\$2,563,257.47	\$3,286,486.37
604-37400-37412	Residential Heat Sales	7,479,904	9,500,740	\$777,510.31	\$990,475.17
604-37400-37413	Commercial Service Sales	16,284,869	20,973,160	\$1,742,904.41	\$2,226,226.27
604-37400-37414	Seasonal Commercial Heat Sales	1,036,835	1,069,245	\$79,071.26	\$84,088.40
604-37400-37415	General Service Sales	11,988,838	15,314,107	\$1,154,896.50	\$1,465,078.84
604-37400-37416	Industrial Sales	40,490,510	53,191,464	\$3,632,341.69	\$4,778,194.53
604-37400-37417	All Electric Sales	6,615,413	8,361,915	\$473,955.79	\$634,468.82
604-37400-37418	Rural Electric Sales	2,750,468	3,585,401	\$304,400.64	\$400,182.60
604-37400-37420	Filter Plant Power	1,058,800	1,381,334	\$70,410.20	\$91,858.71
604-37400-37421	WW Treatment Plant Power	1,006,458	1,344,296	\$66,929.45	\$89,395.71
604-37400-37423	Municipal Street Lighting	352,441	496,053	\$26,433.19	\$37,204.10
604-37400-37426	Security & Street Lighting	32,963	46,334	\$7,924.42	\$10,559.76
604-37400-37419	Energy Cost Adjustment	0	0	\$740,666.32	\$955,779.31
TOTALS		111,821,628	144,289,176	\$11,640,701.65	\$15,049,998.59

	2022	2021
TIE LINE - SMMPA 69 KV (BILLED)	112,312,658	145,861,377
TIE LINE - WAPA 69 KV (BILLED)	2,503,000	3,418,000
TOTAL PURCHASES	114,815,658	149,279,377

PERCENTAGE OF LOSSES	
2022	2021

69 KV TRANSMISSION & TRANSFORMATION LOSSES	(29,334,853)	(29,888,531)	-25.55%	-20.02%
TOTAL CALC KWH LOAD	144,150,511	179,167,908		
TOTAL ENERGY SALES	111,821,628	144,289,176		
DISTRIBUTION SYSTEM LOSSES	32,328,883	34,878,732	22.43%	19.47%
NET LOSSES			-3.12%	-0.55%

FAIRMONT PUBLIC UTILITIES COMMISSION - 2023 BUDGET

DEMAND SIDE MGMT BUDGET-BUDGET CALCULATION

ACCT #	CUSTOMER RATE CLASSIFICATION	2023 BUDGET
604 - 37400 - 37411	RESIDENTIAL LIGHT SALES	\$3,380,449
604 - 37400 - 37412	RESIDENTIAL HEAT SALES	\$998,696
604 - 37400 - 37413	COMMERCIAL SERVICE SALES	\$2,277,519
604 - 37400 - 37414	SEASONAL COMMERCIAL HEAT SALES	\$97,997
604 - 37400 - 37415	GENERAL SERVICE SALES	\$1,531,663
604 - 37400 - 37416	INDUSTRIAL SALES	\$4,896,557
604 - 37400 - 37417	ALL ELECTRIC SALES	\$628,678
604 - 37400 - 37418	RURAL ELECTRIC SALES	\$434,389
604 - 37400 - 37419	ELECTRIC ENERGY COST ADJUSTMENT	\$2,037,354
604 - 37400 - 37420	FILTER PLANT POWER	\$107,398
604 - 37400 - 37421	WASTEWATER TREATMENT PLANT POWER	\$93,100
604 - 37400 - 37423	MUNICIPAL STREET LIGHTING	\$41,175
604 - 37400 - 37426	FLAT RATE SECURITY & STREET LIGHTING	\$13,463
604 - 37400 - 37428	SURGE PROTECTION - REVENUE	\$840
	TOTAL BUDGET REVENUE	\$16,539,277
	% TO BE APPLIED TOWARD DSM PROGRAM	1.50%
	DEMAND SIDE MANAGEMENT BUDGET - 2023	\$248,089

FAIRMONT PUBLIC UTILITIES COMMISSION - 2023 BUDGET

BREAKDOWN OF DSM BUDGET BY ACCOUNT

ACCT #	DESCRIPTION	YTD 2022	2022 BUD	2023 BUD
		(SEPT)		
604 - 49595 - 43901	COMM / IND LIGHTING REBATES	\$49,770	\$75,000	\$77,000
604 - 49595 - 43902	COMM / IND A/C REBATES	\$500	\$5,000	\$8,000
604 - 49595 - 43903	COMM / IND MOTOR REBATES	\$50	\$2,000	\$2,000
604 - 49595 - 43904	COMM / IND CUSTOM REBATES	\$0	\$2,000	\$1,500
604 - 49595 - 43906	COMM / IND AIR SOURCE HEAT PUMP	\$0	\$3,500	\$3,500
604 - 49595 - 43907	COMMERCIAL FOOD SERVICE REBATES	\$0	\$1,000	\$1,000
604 - 49595 - 43908	COMM / IND VSD REBATES	\$0	\$2,000	\$2,000
604 - 49595 - 43909	COMM / IND VENDING MISER	\$0	\$1,000	\$1,000
604 - 49595 - 43911	COMPRESSED AIR LEAK REBATES	\$0	\$2,971	\$2,971
604 - 49595 - 43980	RES LED LIGHTING REBATES	\$565	\$7,000	\$8,000
604 - 49595 - 43981	RES AIR CONDITIONING REBATES	\$6,970	\$14,000	\$16,455
604 - 49595 - 43982	RES AIR SOURCE HEAT PUMP	\$4,616	\$7,303	\$7,303
604 - 49595 - 43983	RES GROUND SOURCE HEAT PUMP	\$0	\$2,000	\$2,000
604 - 49595 - 43984	RES ROOM AIR CONDITIONING REBATES	\$50	\$3,000	\$3,000
604 - 49595 - 43985	RES REFRIGERATION REBATES	\$780	\$3,000	\$3,500
604 - 49595 - 43986	RES FREEZER REBATES	\$70	\$3,000	\$3,500
604 - 49595 - 43987	RES CLOTHES WASHER REBATES	\$680	\$2,000	\$2,500
604 - 49595 - 43988	RES DISHWASHER REBATES	\$615	\$3,000	\$3,500
604 - 49595 - 43989	RES LED FIXTURES / CEILING FANS	\$5,296	\$8,000	\$12,000
604 - 49595 - 43990	RES FURNACE FAN MOTOR REBATES	\$2,700	\$8,000	\$8,500
604 - 49595 - 43991	MARATHON WATER HEATER	\$0	\$0	\$0
604 - 49595 - 43992	LOW INCOME CONSERVATION ASSISTANCE	\$6,141	\$8,000	\$8,000
604 - 49595 - 43993	MISC CONSERVATION ASSISTANCE	\$9,226	\$11,000	\$11,000
604 - 49595 - 43994	LAMP & BALLAST RECYCLING	\$3,100	\$15,000	\$15,000
604 - 49595 - 43995	DEHUMIDIFIER REBATES	\$270	\$1,000	\$2,000
604 - 49595 - 43996	HABITAT FOR HUMANITY REBATES	\$0	\$1,500	\$1,500
604 - 49595 - 43997	RES CENTRAL A/C CLEAN - TUNE UP REBATES	\$20	\$1,000	\$1,000
604 - 49595 - 43998	SMART THERMOSTAT REBATE	\$30	\$100	\$360
604 - 49570 - 40400	LOAD MANAGEMENT SYSTEM	\$0	\$40,000	\$40,000
		\$91,449	\$232,374	\$248,089
	TOTAL DSM BUDGET - 2022			\$248,089

SMMPA 2022 Load Forecast – Final Results

SMMPA planning and finance staff, working with nFront Consulting, has completed an update to SMMPA's long-term load forecast. This document provides a brief overview of the methodology, data sources, and results for your utility and for SMMPA.

The 2022 Load Forecast has been prepared for a 29-year period, beginning 2022 through 2050. The forecast consists of econometric forecasts of Gross Inlet-to-Member-System (IMS) Energy for each member as a function of population and economic data, pandemic-related shutdowns and impacts, energy prices, appliance efficiency trends, and weather. Population and economic data for the counties surrounding your utility's service area were obtained from two widely-used data sources, from which a Conservative Outlook was developed.¹ Energy prices are based on billing data provided by your utility and state historical and projected data. These forecasted loads are reduced for anticipated impacts of demand-side management (DSM) activities based on state requirements, allocated to each member based on a load-ratio share, as well as recent historical impacts. Net IMS determinants are then derived by subtracting the load served by forecasted impacts of generation and demand-side resources other than SMMPA generation resources and DSM, including the following:

- **Load management:** member direct load control and energy management programs (SMMPA's EMP assumed inactive); impacts based on estimates provided by members and Conservation Improvement Program (CIP) filings
- **Western Area Power Administration (WAPA) capacity and energy allocations**
- **Generation resources located behind the wholesale meter** – based generally on historical averages
- **Requirements above Contract Rate of Demand (CROD)** – for Austin and Rochester

The succeeding pages provide tabular and graphical presentation of the forecast results for your utility, showing Net IMS projections only (Attachments A and B). These represent the projected requirements that SMMPA would supply. At the SMMPA level, the forecast results reflect the following:

- Gross IMS Energy is anticipated to grow at 0.4%/yr over 2022-2031 and 0.3%/yr over 2032-2041, for simplicity without reflecting the anticipated departure of certain Members in 2030. Gross IMS Energy has been relatively flat since the 2008 Recession but is anticipated to respond to improving economic growth, more stable electricity costs, and other factors. The forecast reflects that the recovery from the pandemic is nearly complete, though some losses remain and are expected to be essentially permanent.
- Gross CP Demand is anticipated to grow at 0.5%/yr over 2022-2031 and 0.3%/yr over 2032-2041. CP Demand is much more volatile than energy but has grown by 0.4%/yr over 2007-2021.
- Net IMS Energy is anticipated to grow at 0.4%/yr over 2022-2031 and 0.3%/yr over 2032-2041. For the Non-CROD Members, Net IMS Energy and CP Demand are projected to grow at 0.3% per year and 0.4% per year, respectively, over 2022-31 and to remain relatively flat thereafter.
- Net IMS Energy in 2022 is anticipated to be essentially equal to actual (i.e., non-weather normal) 2021 energy, and Net IMS CP Demand is anticipated to be 2.2% lower than the actual 2021 peak, mostly as a result of slightly milder weather. Weather conditions during 2021 were warmer than normal during the summer and warmer than typical summer peak conditions on the summer peak day.

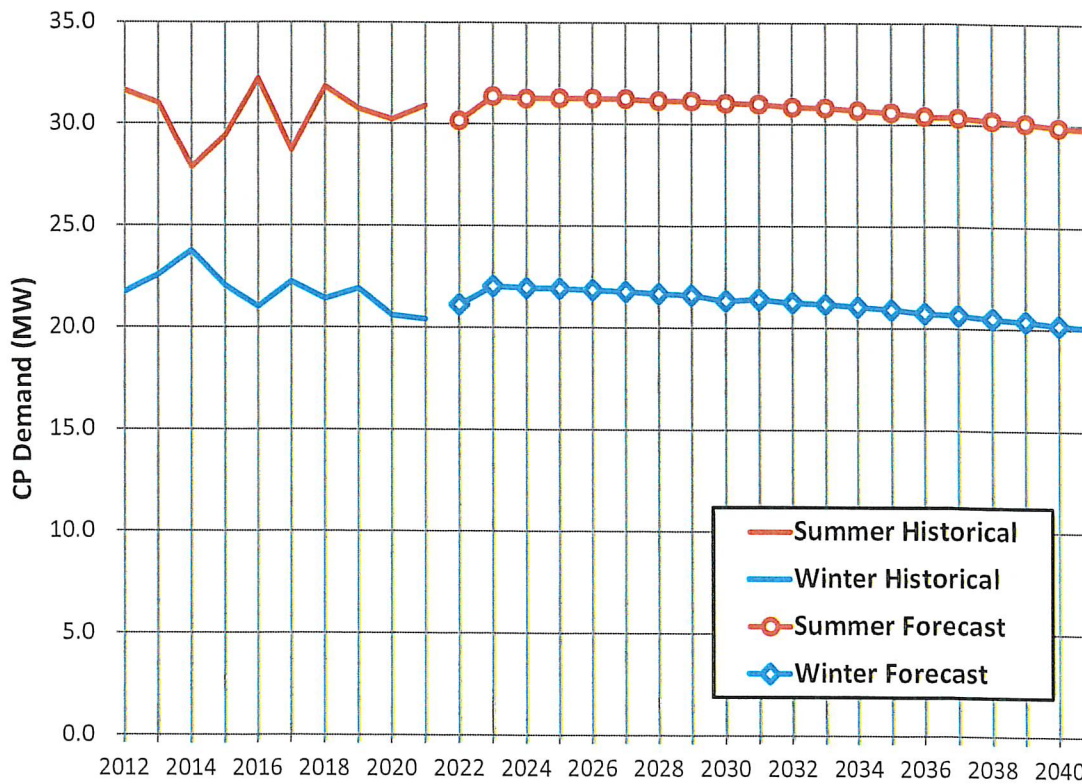
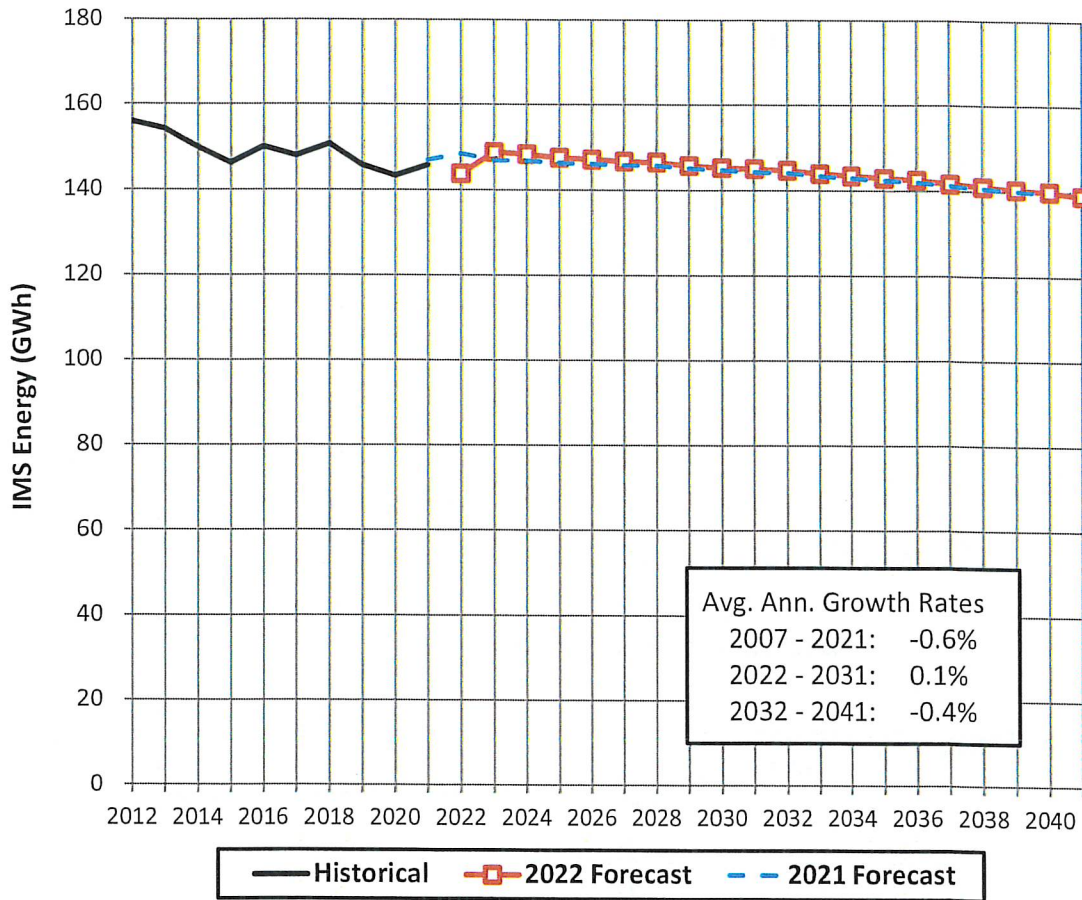
The succeeding pages also include economic data for the surrounding county(ies) (**Attachment C**) and annual and peak day weather data (**Attachment D**) that form the primary basis for the forecast for your utility.

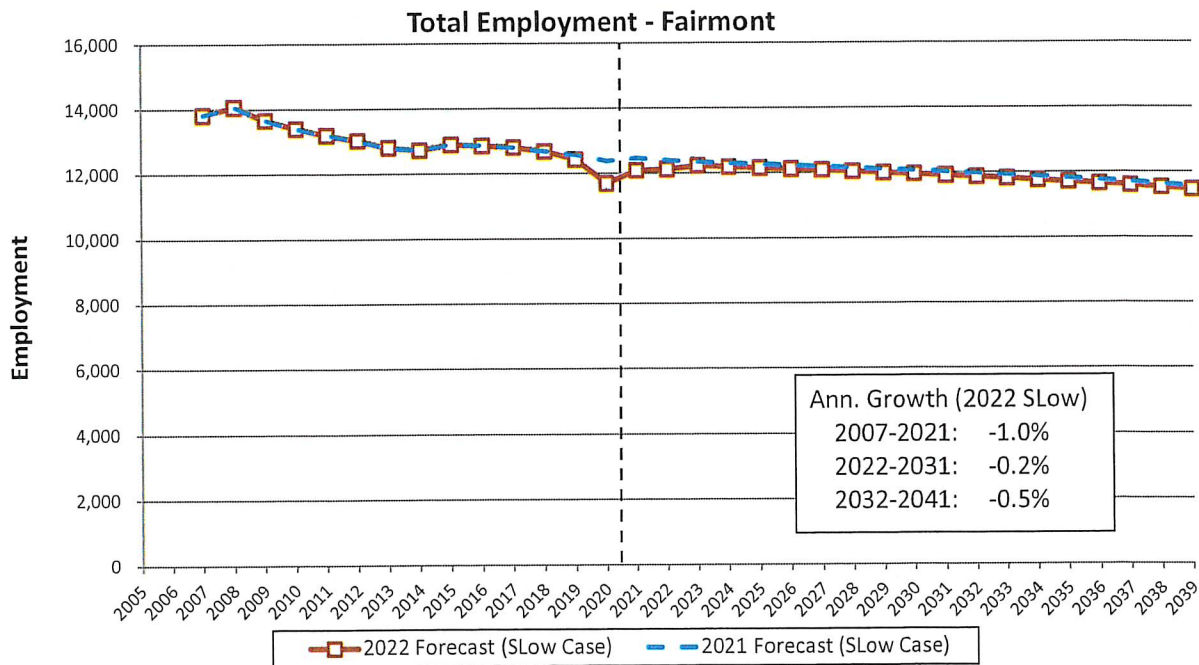
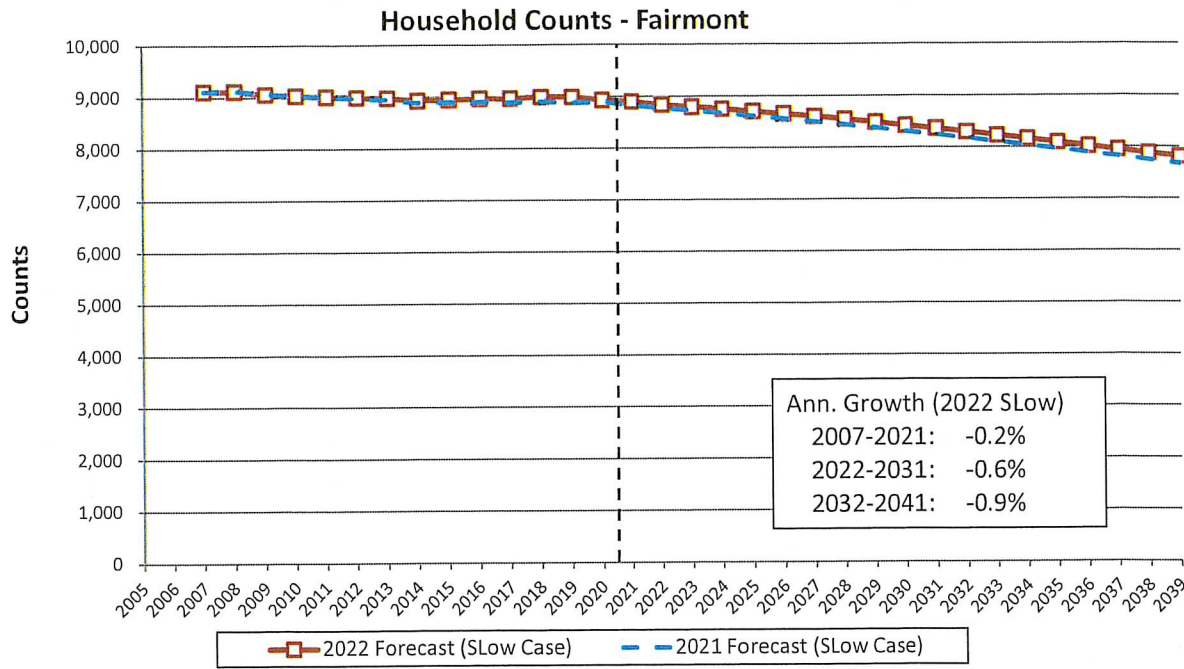
¹ For this purpose, economic projections were adjusted from the "Medium Case" to reflect the 30th percentile of expected future conditions (the 50th percentile reflecting equal probability of exceeding or falling short of the projections). Long-term relationships between the economy within the utility's service area and the wider economy in the surrounding county(ies) are implicitly captured by the long-term regression equations that form the basis of the econometric forecast.

SMMPA 2022 Load Forecast - Fairmont
 Historical and Projected Net Inlet-to-Member System (IMS) Load Determinants

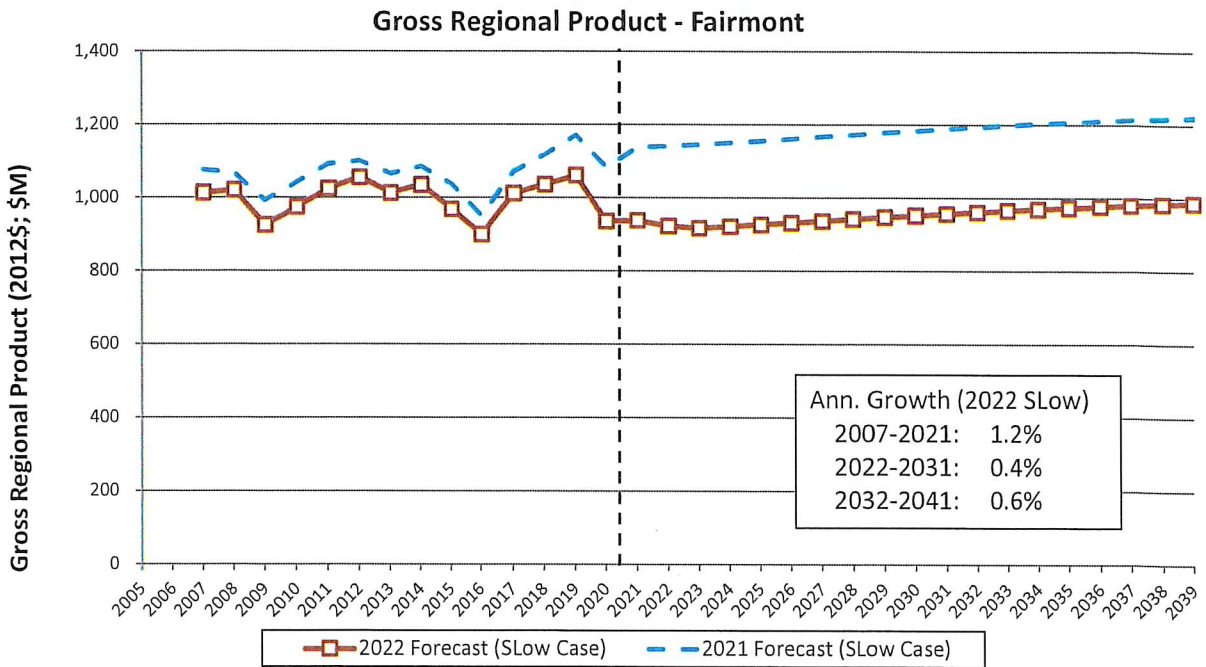
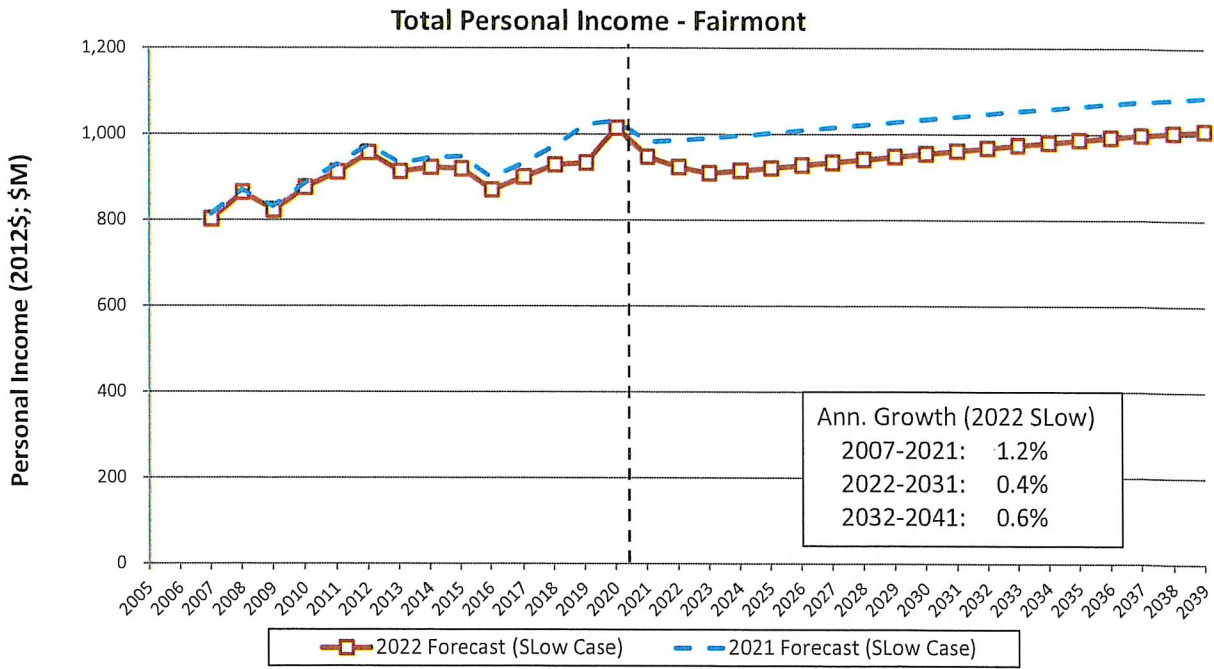
	Net IMS Energy			Net IMS Non-coincident Peak Demand						Net IMS Coincident Peak Demand						
	(MWh)	Pcnt Chg		Summer			Winter			Summer			Winter			
				(kW)	Pcnt Chg	Load Factor	(kW)	Pcnt Chg	Load Factor	(kW)	Pcnt Chg	Load Factor	(kW)	Pcnt Chg	Load Factor	Coin. Factor
2007	158,824	1.2%	33,230	54.6%	84.5%	21,469	84.5%	31,248	58.0%	94.0%	20,266	89.5%	94.4%	94.4%		
2008	160,736	-5.6%	31,424	58.2%	78.0%	23,449	9.2%	31,149	58.7%	99.1%	23,297	15.0%	99.4%	99.4%		
2009	151,742	4.8%	29,160	59.4%	70.8%	24,457	4.3%	28,091	61.7%	96.3%	24,019	3.1%	98.2%	98.2%		
2010	159,028	-0.3%	31,446	57.7%	77.6%	23,386	-4.4%	31,446	57.7%	100.0%	23,386	-2.6%	100.0%	100.0%		
2011	158,562	-1.6%	33,307	54.3%	75.3%	24,036	2.8%	32,033	56.5%	96.2%	23,214	-0.7%	96.6%	96.6%		
2012	156,017	-1.2%	32,680	54.3%	79.7%	22,276	-7.3%	31,633	56.1%	96.8%	21,732	-6.4%	97.6%	97.6%		
2013	154,214	-2.8%	31,555	55.8%	78.0%	22,568	1.3%	31,036	56.7%	98.4%	22,568	3.8%	100.0%	100.0%		
2014	149,970	-2.5%	28,399	60.3%	72.0%	23,763	5.3%	27,889	61.4%	98.2%	23,763	5.3%	100.0%	100.0%		
2015	146,262	2.6%	29,599	56.4%	75.2%	22,215	-6.5%	29,451	56.7%	99.5%	22,063	-7.2%	99.3%	99.3%		
2016	150,131	-1.4%	30,722	55.0%	80.4%	21,252	-4.3%	32,237	53.0%	99.9%	21,024	-4.7%	98.9%	98.9%		
2017	147,961	1.9%	31,841	54.0%	77.3%	22,248	4.7%	28,723	58.8%	93.5%	22,248	5.8%	100.0%	100.0%		
2018	145,875	-3.2%	30,748	54.2%	74.9%	22,243	-0.1%	31,841	54.0%	100.0%	21,415	-3.7%	96.2%	96.2%		
2019	143,253	-1.8%	30,737	53.1%	77.2%	21,138	-5.0%	30,748	54.2%	100.0%	21,919	2.4%	98.5%	98.5%		
2020	145,852	1.8%	32,289	51.6%	78.9%	21,108	-0.1%	30,936	53.8%	95.8%	20,604	-6.0%	97.5%	97.5%		
2021	143,869	-1.4%	30,768	53.4%	76.5%	21,482	1.8%	30,171	54.4%	98.1%	21,111	-3.4%	98.3%	98.3%		
2022	148,931	3.5%	31,989	53.1%	75.8%	22,431	4.4%	31,377	54.2%	98.1%	22,043	4.4%	98.3%	98.3%		
2023	148,459	-0.3%	31,880	53.0%	75.7%	22,330	-0.4%	31,269	54.1%	98.1%	21,944	-0.4%	98.3%	98.3%		
2024	147,693	-0.5%	31,909	52.7%	75.6%	22,296	-0.2%	31,297	53.9%	98.1%	21,911	-0.2%	98.3%	98.3%		
2025	147,240	-0.3%	31,895	52.7%	75.6%	22,232	-0.3%	31,282	53.7%	98.1%	21,848	-0.3%	98.3%	98.3%		
2026	146,770	-0.3%	31,864	52.6%	75.6%	22,163	-0.3%	31,251	53.6%	98.1%	21,780	-0.3%	98.3%	98.3%		
2027	146,592	-0.1%	31,776	52.5%	75.7%	22,054	-0.5%	31,164	53.6%	98.1%	21,673	-0.5%	98.3%	98.3%		
2028	145,844	-0.5%	31,765	52.4%	75.7%	21,994	-0.3%	31,152	53.4%	98.1%	21,614	-0.3%	98.3%	98.3%		
2029	145,340	-0.3%	31,669	52.4%	75.9%	21,872	-0.6%	31,056	53.4%	98.1%	21,330	-1.3%	97.5%	97.5%		
2030	145,088	-0.2%	31,630	52.4%	76.0%	21,788	-0.4%	31,017	53.4%	98.1%	21,412	0.4%	98.3%	98.3%		
2031	144,812	-0.2%	31,472	52.4%	76.2%	21,626	-0.7%	30,861	53.4%	98.1%	21,252	-0.7%	98.3%	98.3%		
2032	144,048	-0.5%	31,430	52.3%	76.3%	21,540	-0.4%	30,818	53.4%	98.1%	21,168	-0.4%	98.3%	98.3%		
2033	143,506	-0.4%	31,324	52.3%	76.5%	21,413	-0.6%	30,713	53.3%	98.0%	21,043	-0.6%	98.3%	98.3%		
2034	142,948	-0.4%	31,215	52.3%	76.7%	21,284	-0.6%	30,604	53.3%	98.0%	20,915	-0.6%	98.3%	98.3%		
2035	142,545	-0.3%	31,024	52.3%	76.9%	21,100	-0.9%	30,415	53.3%	98.0%	20,734	-0.9%	98.3%	98.3%		
2036	141,752	-0.6%	30,977	52.2%	77.0%	21,012	-0.4%	30,368	53.3%	98.0%	20,649	-0.4%	98.3%	98.3%		
2037	141,092	-0.5%	30,844	52.2%	77.2%	20,867	-0.7%	30,235	53.3%	98.0%	20,506	-0.7%	98.3%	98.3%		
2038	140,461	-0.4%	30,717	52.2%	77.4%	20,726	-0.7%	30,110	53.3%	98.0%	20,367	-0.7%	98.3%	98.3%		
2039	140,040	-0.3%	30,519	52.2%	77.6%	20,537	-0.9%	29,912	53.3%	98.0%	20,181	-0.9%	98.3%	98.3%		
2040	139,059	-0.7%	30,432	52.2%	77.7%	20,423	-0.6%	29,826	53.2%	98.0%	20,069	-0.6%	98.3%	98.3%		
2041																
Avg. Growth Rate																
2007-2021		-0.6%		55.5%	77.0%		-0.1%		56.8%	97.7%		0.1%	98.2%	98.2%		
2012-2021		-0.7%		54.8%	76.9%		-0.6%		55.9%	98.0%		-0.7%	98.5%	98.5%		
2022-2031		0.1%		52.7%	75.8%		0.2%		53.8%	98.1%		0.2%	98.2%	98.2%		
2032-2041		-0.4%		52.3%	77.0%		-0.6%		53.3%	98.0%		-0.6%	98.3%	98.3%		

SMMPA 2022 Load Forecast - Fairmont Historical and Projected Net IMS Energy and CP Demand



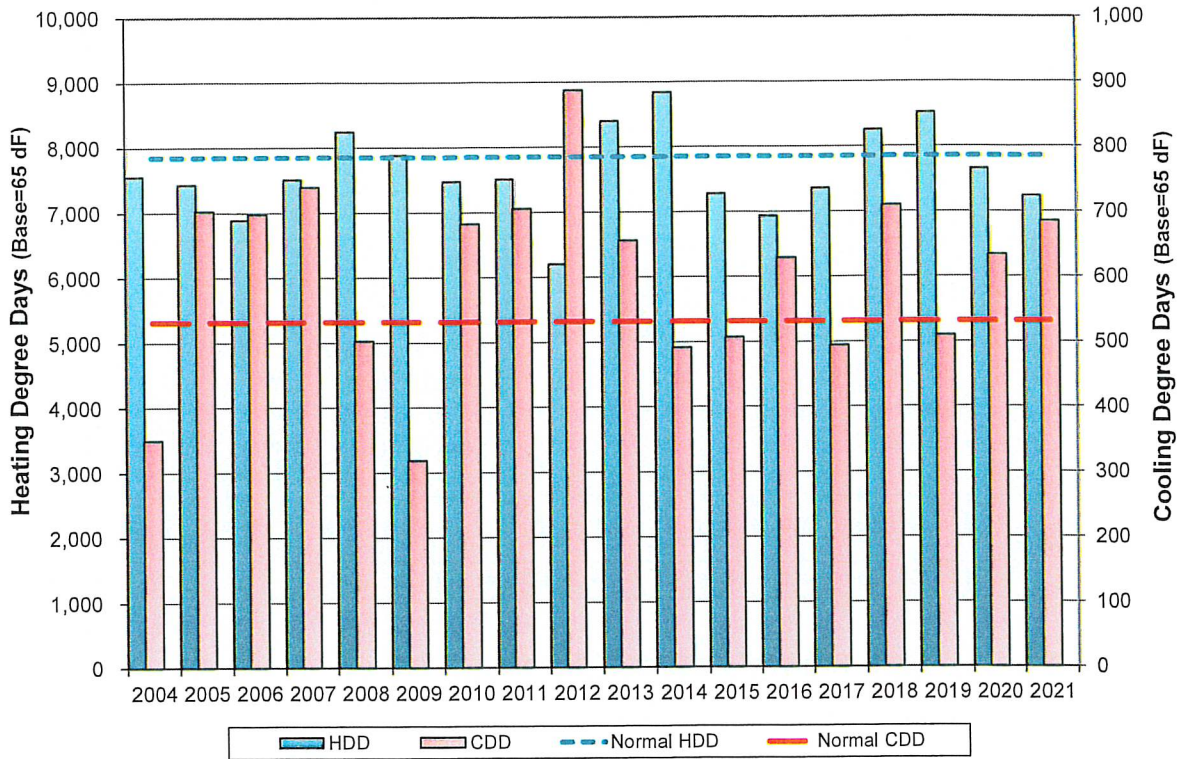


Note: Data reflects the county or counties in which the municipality provides service

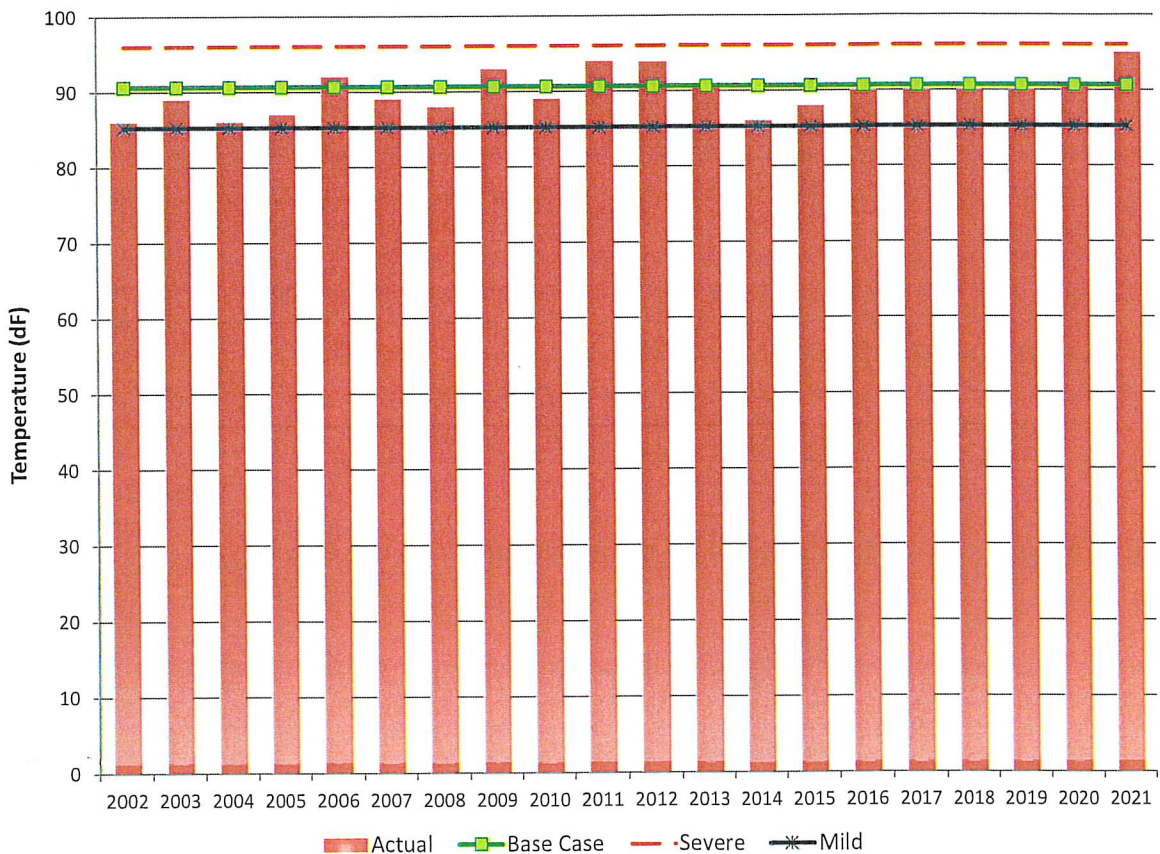


Note: Data reflects the county or counties in which the municipality provides service

Actual C/Y HDD and CDD v. 30-Year Normals - Rochester



SMMPA Summer Peak Day High Temperature – Rochester Airport



Fairmont Public Utilities Commission

Effect of Proposed Rate Increase

Residential Average: 700 kWh and 500 Cubic Feet Water

	Current Rate	Sample Proposed 2023	Percent Increase
ELECTRIC ECA: \$.013685 increased \$0.00701			
		water per rate study	Average 13.6% increase
		sewer per rate study	Average 4.6% increase
	2022	2023	
Electric-Energy	\$78.47	\$83.38	6.26%
Electric- Cust Chg	\$5.00	\$5.00	0.00%
Water	\$32.65	\$35.25	8%
Water- Cust Chg	\$24.45	\$29.34	20.00%
Sewer- 3/4" meter	\$25.02	\$26.14	4.48%
Infrastructure	\$19.23	\$20.64	7.33%
City Wide Clean Up	\$3.00	\$3.00	0.00%
Totals	\$187.82	\$202.75	
Total Increase \$\$		\$14.93	
Total Increase %		7.95%	

Fairmont Public Utilities Commission

Effect of Proposed Rate Increase

Commercial Average: 4,700 kWh and 2,000 Cubic Feet Water

	Current Rate	Sample Proposed 2023	Percent Increase
ELECTRIC ECA: \$.013685 increased \$.00701			
		water per rate study	Average 13% increase
		sewer per rate study	Average 4.2% increase
	2022	2023	
Electric-Energy	\$515.47	\$548.42	6.39%
Electric- Cust Chg	\$10.00	\$10.00	0.00%
Water	\$109.00	\$117.80	8.07%
Water- Cust Chg	\$46.66	\$55.99	20.00%
Sewer	\$98.06	\$101.82	3.83%
Infrastructure	\$19.23	\$20.64	7.33%
City Wide Clean Up	\$3.00	\$3.00	0.00%
Totals	\$801.42	\$857.67	
 Total Increase \$\$		 \$56.25	
 Total Increase %		 7.02%	

Fairmont Public Utilities - Budget 2023

Account Number	Account Description	YTD 2022	2022 BUDGET	2023 BUDGET
	REVENUE - WATER	SEPT		
601-37100-33130	Federal Grants & Aids	\$0	\$25,000	\$0
601-37100-33422	State Grants & Aids - Other	\$0	\$0	\$0
601-37100-36105	SA Principal	\$328	\$0	\$0
601-37100-36210	Interest Earnings	\$6,787	\$35,000	\$30,000
601-37100-37110	Unbilled Revenue	\$0	\$0	\$0
601-37100-37111	Residential Water Sales	\$2,109,548	\$2,722,108	\$2,996,146
601-37100-37112	Commercial Water Sales	\$854,301	\$1,149,455	\$1,208,722
601-37100-37113	Industrial Water Sales	\$640,471	\$480,362	\$906,239
601-37100-37115	Infrastructure Revenue	\$239,537	\$307,857	\$354,036
601-37100-37116	Municipal Hydrant Rental	\$22,059	\$34,353	\$29,413
601-37100-37119	Rental Income	\$0	\$0	\$0
601-37100-37120	Penalties	\$31,231	\$35,000	\$35,000
601-37100-37121	Cash Over	\$0	\$0	\$0
601-37100-37430	Customer Service - Labor	\$66	\$0	\$0
601-37100-37431	Customer Service - Material	\$319	\$0	\$0
601-37100-37433	Disposal of Fixed Assets	\$0	\$0	\$0
601-37100-37444	Misc Operating Revenues	\$37,435	\$50,000	\$50,000
601-37100-37445	Misc Non-Operating Revenues	\$1,791	\$0	\$0
601-39200-39202	Transfers In From Ent Funds	\$0	\$0	\$0
	TOTAL REVENUE - WATER	\$3,943,872	\$4,839,135	\$5,609,556

Fairmont Public Utilities - Budget 2023

Account Number	Account Description	YTD 2022	2022 BUDGET	2023 BUDGET
Water Plant Expense				
601-49400-10120	Full-time Employees - Regular	\$279,426	\$479,812	\$496,882
601-49400-10220	Full-time Employees - Overtime	\$57,947	\$69,573	\$69,628
601-49400-10320	Part-time Employees	\$2,670	\$0	\$0
601-49400-12120	PERA Contributions	\$25,254	\$41,204	\$42,488
601-49400-12220	FICA Contributions	\$19,698	\$34,062	\$35,124
601-49400-12500	Medicare	\$4,607	\$7,966	\$8,214
601-49400-13120	Health Insurance	\$70,113	\$106,443	\$122,388
601-49400-14220	Unemployment Insurance	\$0	\$0	\$0
601-49400-15100	Work Comp Insurance	\$15,168	\$24,917	\$27,706
601-49400-20120	Office Supplies & Accessories	\$1,586	\$1,500	\$1,500
601-49400-21200	Motor Fuels	\$157	\$1,500	\$1,500
601-49400-21620	Chemicals	\$197,894	\$250,688	\$313,360
601-49400-31200	Other Contracted Services	\$68,763	\$65,000	\$73,000
601-49400-31400	Laboratory Expense	\$18,667	\$12,000	\$14,500
601-49400-31500	State Fees & Permits	\$37,553	\$50,000	\$50,000
601-49400-32100	Telephone	\$2,339	\$2,750	\$2,750
601-49400-36215	Property Insurance	\$23,815	\$17,000	\$17,000
601-49400-38100	Electric Utilities	\$77,545	\$101,713	\$101,713
601-49400-38300	Gas Utilities	\$25,141	\$20,000	\$35,000
601-49400-38420	Refuse Disposal	\$4,949	\$5,500	\$5,500
601-49400-38600	Storm Sewer	\$1,003	\$1,400	\$1,400
601-49400-40200	Repairs & Maint - Structures	\$7,693	\$70,000	\$70,000
601-49400-40300	Improve Other Than Buildings	\$439,164	\$360,000	\$400,000
601-49400-40400	Repairs & Maint - Equipment	\$50,202	\$60,000	\$65,000
601-49400-40500	Repairs & Maint - Vehicles	\$4,824	\$5,000	\$5,000
601-49400-43900	Other Miscellaneous	\$5,761	\$5,000	\$5,000
601-49400-43905	Taxes Paid	\$1,574	\$2,000	\$2,000
	TOTAL WATER PLANT EXPENSE	\$1,443,511	\$1,795,028	\$1,966,653

Fairmont Public Utilities - Budget 2023

Account Number	Account Description	YTD 2022	2022 BUDGET	2023 BUDGET
Water Distribution Expense				
601-49430-10120	Full-time Employees - Regular	\$223,127	\$311,640	\$365,581
601-49430-10220	Full-time Employees - Overtime	\$6,515	\$20,352	\$20,307
601-49430-10320	Part-time Employees	\$0	\$5,520	\$6,480
601-49430-12120	PERA Contributions	\$17,223	\$24,899	\$28,942
601-49430-12220	FICA Contributions	\$13,237	\$20,926	\$24,327
601-49430-12500	Medicare	\$3,096	\$4,894	\$5,689
601-49430-13120	Health Insurance	\$54,114	\$73,087	\$89,755
601-49430-14220	Unemployment Insurance	\$0	\$0	\$0
601-49430-15100	Work Comp Insurance	\$10,509	\$15,098	\$19,279
601-49430-21200	Motor Fuels	\$7,628	\$5,000	\$8,500
601-49430-22300	Building Repair Supplies	\$104	\$1,000	\$1,000
601-49430-31200	Other Contracted Services	\$1,358	\$10,000	\$20,000
601-49430-36215	Property Insurance	\$8,057	\$6,000	\$6,000
601-49430-38100	Electric Utilities	\$20,355	\$24,797	\$24,797
601-49430-38500	Sewer-do not use	\$0	\$0	\$0
601-49430-38600	Storm Sewer	\$395	\$550	\$550
601-49430-40200	Repairs & Maint - Structures	\$61,748	\$100,000	\$150,000
601-49430-40300	Improve Other Than Buildings	\$23,651	\$4,500	\$4,500
601-49430-40400	Repairs & Maint - Equipment	\$7,726	\$10,000	\$10,000
601-49430-40500	Repairs & Maint - Vehicles	\$5,459	\$9,500	\$9,500
601-49430-43900	Other Miscellaneous	\$2,460	\$5,000	\$7,500
	Total Water Distribution Expense	\$466,763	\$652,763	\$802,707

Fairmont Public Utilities - Budget 2023

Account Number	Account Description	YTD 2022	2022 BUDGET	2023 BUDGET
Water Administration Expense				
601-49440-10120	Full-time Employees - Regular	\$51,756	\$73,772	\$83,256
601-49440-10220	Full-time Employees - Overtime	\$163	\$668	\$629
601-49440-10320	Part-time Employees	\$933	\$1,258	\$1,258
601-49440-12120	PERA Contributions	\$3,675	\$5,583	\$6,291
601-49440-12220	FICA Contributions	\$3,097	\$4,693	\$5,279
601-49440-12500	Medicare	\$724	\$1,098	\$1,235
601-49440-13120	Health Insurance	\$11,493	\$17,635	\$18,555
601-49440-14220	Unemployment Insurance	\$0	\$0	\$0
601-49440-15100	Work Comp Insurance	\$679	\$632	\$760
601-49440-20120	Office Supplies & Accessories	\$804	\$1,500	\$1,500
601-49440-20220	Computer Supplies / IT Support	\$20,379	\$17,400	\$24,512
601-49440-30500	Medical & Dental Fees	\$475	\$500	\$500
601-49440-31015	Consulting Fees	\$0	\$2,000	\$2,000
601-49440-31020	Other Professional Services	\$325	\$0	\$0
601-49440-31200	Other Contracted Services	\$10,478	\$27,000	\$22,000
601-49440-32100	Telephone	\$1,129	\$1,600	\$1,400
601-49440-32200	Postage	\$428	\$1,100	\$1,100
601-49440-33100	Travel & Training	\$401	\$800	\$800
601-49440-36900	Other General Insurance	\$26,894	\$20,700	\$28,500
601-49440-43700	Bank Charges	\$281	\$800	\$800
601-49440-43705	Uncollectible Accounts	\$3,562	\$6,000	\$5,000
601-49440-43800	Credit Card Fees	\$3,700	\$4,500	\$5,000
601-49440-43805	Interest Expense	\$0	\$0	\$0
601-49440-43900	Other Miscellaneous	\$370	\$1,500	\$1,500
	TOTAL ADMINISTRATION EXPENSE	\$141,745	\$190,739	\$211,875

Fairmont Public Utilities - Budget 2023

Account Number	Account Description	YTD 2022	2022 BUDGET	2023 BUDGET
Water Miscellaneous Expenses				
601-49445-22805	Material Sold to Customers	\$0	\$0	\$0
601-49445-30500	Medical & Dental Fees	\$300	\$2,000	\$2,000
601-49445-33100	Travel & Training	\$1,921	\$4,000	\$4,000
601-49445-42004	Depreciation Expense	\$756,456	\$970,000	\$1,000,000
601-49445-43300	Dues & Subscriptions	\$226	\$1,000	\$1,000
601-49445-61100	Bond Interest	\$476,312	\$467,263	\$470,042
601-49445-62500	Bond Issuance Costs	\$0	\$0	\$0
	TOTAL MISCELLANEOUS EXPENSE	\$1,235,216	\$1,444,263	\$1,477,042
TRANSFERS TO OTHER FUNDS				
601-72000-72500	Transfers Out to Gov't Funds	\$118,214	\$157,619	\$171,330
601-72000-72502	Transfers Out to Ent Funds	\$0	\$0	\$0
	TOTAL TRANSFERS TO OTHER FUNDS	\$118,214	\$157,619	\$171,330
	TOTAL EXPENSE - WATER	\$3,405,449	\$4,240,412	\$4,629,607
	NET INCOME FROM OPERATIONS	\$538,424	\$598,723	\$979,949

Fairmont Public Utilities - Budget 2023

Account Number	Account Description	YTD 2022	2022 BUDGET	2023 BUDGET
	REVENUE - WASTEWATER	SEPT		
602-37200-33422	State Grants & Aids - Other	\$ -	\$ -	
602-37200-36105	SA Principal	\$ -	\$ -	
602-37200-36210	Interest Earnings	\$ 9,633	\$ 60,000	\$ 40,000
602-37200-37210	Unbilled Revenue	\$ -	\$ -	
602-37200-37211	Residential Wastewater Sales	\$ 907,722	\$ 1,288,356	\$ 1,328,189
602-37200-37212	Commercial Wastewater Sales	\$ 330,762	\$ 474,327	\$ 500,496
602-37200-37213	Industrial Wastewater Sales	\$ 342,338	\$ 195,275	\$ 500,913
602-37200-37214	Infrastructure Revenue	\$ 225,919	\$ 301,109	\$ 316,287
602-37200-37215	Debt Service Revenue	\$ 424,026	\$ 564,665	\$ 593,636
602-37200-37217	Rental Income	\$ -	\$ -	\$ -
602-37200-37218	Penalties	\$ 26,473	\$ 30,000	\$ 30,000
602-37200-37219	Cash Over	\$ -	\$ -	\$ -
602-37200-37430	Customer Service - Labor	\$ -	\$ -	\$ -
602-37200-37431	Customer Service - Material	\$ -	\$ -	\$ -
602-37200-37433	Disposal of Fixed Assets	\$ -	\$ -	\$ -
602-37200-37444	Misc Operating Revenues	\$ 2,701	\$ -	\$ -
602-37200-37445	Misc Non-Operating Revenues	\$ -	\$ -	\$ 125,000
602-37200-39200	Transfer In From Gov't Funds	\$ -	\$ -	\$ -
602-37200-39202	Transfer In From Ent Funds	\$ -	\$ -	\$ -
	TOTAL REVENUE - WASTEWATER	\$ 2,269,574	\$ 2,913,732	\$ 3,434,521

Fairmont Public Utilities - Budget 2023

Account Number	Account Description	YTD 2022	2022 BUDGET	2023 BUDGET
Wastewater Plant Expense				
602-49450-10120	Full-time Employees - Regular	\$ 213,389	\$ 301,061	\$ 392,522
602-49450-10220	Full-time Employees - Overtime	\$ 9,535	\$ 25,973	\$ 26,008
602-49450-10320	Part-time Employees	\$ -	\$ -	\$ -
602-49450-12120	PERA Contributions	\$ 16,670	\$ 24,528	\$ 31,390
602-49450-12220	FICA Contributions	\$ 12,887	\$ 20,276	\$ 25,949
602-49450-12500	Medicare	\$ 3,014	\$ 4,742	\$ 6,069
602-49450-13120	Health Insurance	\$ 53,377	\$ 75,125	\$ 95,701
602-49450-14220	Unemployment Insurance	\$ -	\$ -	\$ -
602-49450-15100	Work Comp Insurance	\$ 11,440	\$ 17,257	\$ 23,882
602-49450-20120	Office Supplies & Accessories	\$ 1,623	\$ 2,000	\$ 2,000
602-49450-21200	Motor Fuels	\$ 1,164	\$ 2,000	\$ 2,000
602-49450-21620	Chemicals	\$ 55,228	\$ 56,000	\$ 70,000
602-49450-31200	Other Contracted Services	\$ 111,376	\$ 30,000	\$ 35,000
602-49450-31400	Laboratory Expense	\$ 16,165	\$ 20,000	\$ 28,000
602-49450-31500	State Fees & Permits	\$ 6,325	\$ 9,500	\$ 9,500
602-49450-32100	Telephone	\$ 2,111	\$ 2,600	\$ 2,600
602-49450-36215	Property Insurance	\$ 18,569	\$ 16,000	\$ 16,000
602-49450-38100	Electric Utilities	\$ 73,648	\$ 102,445	\$ 112,259
602-49450-38200	Water	\$ 80,570	\$ 80,000	\$ 100,000
602-49450-38300	Gas Utilities	\$ 68,735	\$ 52,000	\$ 80,000
602-49450-38420	Refuse Disposal	\$ 11,627	\$ 23,000	\$ 24,500
602-49450-38600	Storm Sewer	\$ -	\$ -	\$ -
602-49450-40200	Repairs & Maint - Structures	\$ 198,804	\$ 7,500	\$ 7,500
602-49450-40300	Improve Other Than Buildings	\$ 8,203	\$ 2,000	\$ 2,000
602-49450-40400	Repairs & Maint - Equipment	\$ 42,241	\$ 75,000	\$ 75,000
602-49450-40500	Repairs & Maint - Vehicles	\$ 4,112	\$ 7,000	\$ 7,000
602-49450-43900	Other Miscellaneous	\$ 8,356	\$ 5,000	\$ 5,000
	TOTAL WASTEWATER PLANT EXPENSE	\$ 1,029,166	\$ 961,007	\$ 1,179,880

Fairmont Public Utilities - Budget 2023

Account Number	Account Description	YTD 2022	2022 BUDGET	2023 BUDGET
Wastewater Collection Expense				
602-49470-10120	Full-time Employees - Regular	\$ 96,514	\$ 137,553	\$ 186,465
602-49470-10220	Full-time Employees - Overtime	\$ 8,109	\$ 20,440	\$ 20,440
602-49470-10320	Part-time Employees	\$ -	\$ 8,280	\$ 6,480
602-49470-12120	PERA Contributions	\$ 7,847	\$ 12,471	\$ 16,004
602-49470-12220	FICA Contributions	\$ 5,918	\$ 10,309	\$ 13,230
602-49470-12500	Medicare	\$ 1,384	\$ 2,411	\$ 3,094
602-49470-13110	OPEB	\$ -	\$ -	\$ -
602-49470-13120	Health Insurance	\$ 24,478	\$ 33,794	\$ 44,263
602-49470-14220	Unemployment Insurance	\$ -	\$ -	\$ -
602-49470-15100	Work Comp Insurance	\$ 5,351	\$ 8,810	\$ 12,197
602-49470-21200	Motor Fuels	\$ 6,616	\$ 8,000	\$ 8,500
602-49470-22300	Building Repair Supplies	\$ -	\$ 1,000	\$ 1,000
602-49470-24000	Minor Equipment	\$ -	\$ 5,000	\$ 5,000
602-49470-31200	Other Contracted Services	\$ 5,329	\$ 12,000	\$ 12,000
602-49470-36215	Property Insurance	\$ 4,307	\$ 4,000	\$ 4,000
602-49470-38100	Electric Utilities	\$ 32,076	\$ 50,000	\$ 50,000
602-49470-38200	Water	\$ 983	\$ 1,400	\$ 1,400
602-49470-38300	Gas Utilities	\$ 2,806	\$ 500	\$ 2,500
602-49470-40200	Repairs & Maint - Structures	\$ 111,476	\$ 50,000	\$ 50,000
602-49470-40400	Repairs & Maint - Equipment	\$ 8,966	\$ 25,000	\$ 25,000
602-49470-40500	Repairs & Maint - Vehicles	\$ 7,548	\$ 10,000	\$ 10,000
602-49470-43720	Right of Way Payments	\$ -	\$ -	\$ -
602-49470-43900	Other Miscellaneous	\$ 2,852	\$ 5,000	\$ 5,000
	TOTAL WASTEWATER COLLECTION EXPENSE	\$ 332,559	\$ 405,968	\$ 476,573

Fairmont Public Utilities - Budget 2023

Account Number	Account Description	YTD 2022	2022 BUDGET	2023 BUDGET
Wastewater Administration Expense				
602-49490-10120	Full-time Employees - Regular	\$ 33,538	\$ 59,439	\$ 56,510
602-49490-10220	Full-time Employees - Overtime	\$ 106	\$ 1,275	\$ 405
602-49490-10320	Part-time Employees	\$ 605	\$ 806	\$ 806
602-49490-12120	PERA Contributions	\$ 2,382	\$ 4,554	\$ 4,269
602-49490-12220	FICA Contributions	\$ 2,006	\$ 3,814	\$ 3,579
602-49490-12500	Medicare	\$ 469	\$ 892	\$ 837
602-49490-13120	Health Insurance	\$ 7,454	\$ 16,037	\$ 12,848
602-49490-14220	Unemployment Insurance	\$ -	\$ -	\$ -
602-49490-15100	Work Comp Insurance	\$ 439	\$ 501	\$ 512
602-49490-20120	Office Supplies & Accessories	\$ 743	\$ 1,000	\$ 1,000
602-49490-20220	Computer Supplies / IT Support	\$ 9,360	\$ 11,437	\$14,921
602-49490-30500	Medical & Dental Fees	\$ -	\$ -	\$ -
602-49490-31015	Consulting Fees	\$ -	\$ -	\$ -
602-49490-31020	Other Professional Services	\$ -	\$ -	\$ -
602-49490-31200	Other Contracted Services	\$ 18,726	\$ 14,500	\$ 14,500
602-49490-32100	Telephone	\$ 451	\$ 550	\$ 400
602-49490-32200	Postage	\$ 274	\$ 600	\$ 600
602-49490-33100	Travel & Training	\$ 100	\$ 500	\$ 500
602-49490-36900	Other General Insurance	\$ 15,328	\$ 12,200	\$ 16,000
602-49490-43700	Bank Charges	\$ 181	\$ 300	\$ 300
602-49490-43705	Uncollectible Accounts	\$ 2,980	\$ 5,000	\$ 4,000
602-49490-43800	Credit Card Fees	\$ 2,372	\$ 3,000	\$ 3,200
602-49490-43805	Interest Expense	\$ -	\$ -	\$ -
602-49490-43900	Other Miscellaneous	\$ 29	\$ 1,000	\$ 1,000
	TOTAL WASTEWATER ADMIN EXPENSE	\$ 97,544	\$ 137,405	\$ 136,187
Wastewater Miscellaneous Expense				
602-49495-22805	Material Sold to Customers	\$ -	\$ -	\$ -
602-49495-30500	Medical & Dental Fees	\$ 374	\$ 500	\$ 500
602-49495-33100	Travel & Training	\$ 2,023	\$ 2,000	\$ 2,000
602-49495-42004	Depreciation Expense	\$ 492,520	\$ 650,000	\$ 660,000
602-49495-43300	Dues & Subscriptions	\$ -	\$ 250	\$ 250
602-49495-61100	Bond Interest	\$ 41,243	\$ 41,243	\$ 27,732
	TOTAL WASTEWATER MISC EXPENSE	\$ 536,161	\$ 693,993	\$ 690,482
TRANSFER TO OTHER FUNDS				
602-72000-72500	Transfers Out to Gov't Funds	\$ 75,783	\$ 101,044	\$ 104,292
602-72000-72502	Transfers Out to Ent Funds	\$ -	\$ -	\$ -
	TOTAL TRANSFER TO OTHER FUNDS	\$ 75,783	\$ 101,044	\$ 104,292
	TOTAL EXPENSE - WASTEWATER	\$ 2,071,212	\$ 2,299,417	\$ 2,587,414
	NET INCOME FROM OPERATIONS	\$ 198,362	\$ 614,315	\$ 847,107

Fairmont Public Utilities - Budget 2023

Account Number	Account Description	YTD 2022	2022 BUDGET	2023 BUDGET
REVENUE - ELECTRIC		SEPT		
604-33000-33422	State Grants & Aids - Other	\$ -	\$ -	
604-37400-34743	Rental Income	\$ -	\$ -	
604-37400-35106	NSF Service Charge	\$ -	\$ -	
604-37400-36210	Interest Earnings	\$ 27,782	\$ 100,000	\$ 75,000
604-37400-36211	Gain/Loss on Investments	\$ -	\$ -	
604-37400-36290	Convenience Fee	\$ -	\$ -	
604-37400-37410	Unbilled Revenue	\$ -	\$ -	
604-37400-37411	Residential Light Sales	\$ 2,564,897	\$ 3,377,420	\$ 3,380,449
604-37400-37412	Residential Heat Sales	\$ 778,141	\$ 1,036,382	\$ 998,696
604-37400-37413	Commercial Service Sales	\$ 1,743,089	\$ 2,252,708	\$ 2,277,519
604-37400-37414	Seasonal Commercial Heat Sales	\$ 79,071	\$ 104,687	\$ 97,997
604-37400-37415	General Service Sales	\$ 1,154,897	\$ 1,522,301	\$ 1,531,663
604-37400-37416	Industrial Sales	\$ 3,632,342	\$ 4,897,298	\$ 4,896,557
604-37400-37417	All Electric Sales	\$ 473,956	\$ 674,436	\$ 628,678
604-37400-37418	Rural Electric Sales	\$ 304,401	\$ 438,807	\$ 434,389
604-37400-37419	Energy Cost Adjustment	\$ 740,799	\$ 991,017	\$ 2,037,354
604-37400-37420	Filter Plant Power	\$ 70,410	\$ 107,398	\$ 94,430
604-37400-37421	WW Treatment Plant Power	\$ 66,929	\$ 93,100	\$ 93,100
604-37400-37422	EV Charging Sales	\$ 420	\$ -	\$ 1,000
604-37400-37423	Municipal Street Lighting	\$ 26,433	\$ 41,174	\$ 41,175
604-37400-37426	Security & Street Lighting	\$ 7,924	\$ 13,652	\$ 13,463
604-37400-37427	SMMPA Curtailment	\$ 150	\$ 600	\$ 600
604-37400-37428	Surge Protection Revenue	\$ 629	\$ 840	\$ 840
604-37400-37429	Customer Refunds	\$ -	\$ -	\$ -
604-37400-37430	Customer Service - Labor	\$ -	\$ -	\$ -
604-37400-37431	Customer Service - Material	\$ 1,023	\$ -	\$ -
604-37400-37433	Disposal of Fixed Assets	\$ -	\$ -	\$ -
604-37400-37442	Penalties	\$ 73,954	\$ 100,000	\$ 100,000
604-37400-37443	Cash Over	\$ -	\$ -	
604-37400-37444	Misc Operating Revenues	\$ 83,844	\$ 230,000	\$ 230,000
604-37400-37445	Misc Non-Operating Revenues	\$ 325,494	\$ 1,250,000	\$ 150,000
604-39200-39202	Transfers In From Ent Funds	\$ -	\$ -	
TOTAL REVENUE - ELECTRIC		\$ 12,156,586	\$ 17,231,820	\$ 17,082,910

Fairmont Public Utilities - Budget 2023

Account Number	Account Description	YTD 2022	2022 BUDGET	2023 BUDGET
PURCHASED POWER - EXPENSE				
604-49550-21815	Capacity Purchased- SMMPA	\$ 3,411,540	\$ 4,453,383	\$ 4,451,572
604-49550-21820	SMMPA Energy Purchased	\$ 5,286,540	\$ 7,154,943	\$ 8,291,130
604-49550-21825	SMMPA Curtailment/Load Factor	\$ 300	\$ 600	\$ 600
604-49550-21830	WAPA Energy Purchased	\$ 64,464	\$ 88,780	\$ 88,780
604-49550-36215	Property Insurance (Equipment)		\$ 12,500	\$ 12,500
604-49550-40400	Repair & Maint - Equipment	\$ 513	\$ 25,000	\$ 25,000
	TOTAL PURCHASED POWER EXPENSE	\$ 8,763,357	\$ 11,735,206	\$ 12,869,582

Fairmont Public Utilities - Budget 2023

Account Number	Account Description	YTD 2022	2022 BUDGET	2023 BUDGET
ELECTRIC DISTRIBUTION EXPENSE				
604-49570-10120	Full-time Employees - Regular	\$ 606,351	\$ 862,456	\$ 923,708
604-49570-10220	Full-time Employees - Overtime	\$ 24,014	\$ 36,345	\$ 36,390
604-49570-10320	Part-time Employees	\$ -	\$ -	
604-49570-12120	PERA Contributions	\$ 46,630	\$ 67,410	\$ 72,007
604-49570-12220	FICA Contributions	\$ 37,316	\$ 55,726	\$ 59,526
604-49570-12500	Medicare	\$ 8,727	\$ 13,033	\$ 13,921
604-49570-13110	OPEB	\$ -	\$ -	\$ -
604-49570-13120	Health Insurance	\$ 112,171	\$ 157,312	\$ 164,013
604-49570-14220	Unemployment Insurance	\$ -	\$ -	\$ -
604-49570-15100	Work Comp Insurance	\$ 24,082	\$ 34,329	\$ 39,473
604-49570-20120	Office Supplies & Accessories	\$ 10,254	\$ 5,000	\$ 5,000
604-49570-21200	Motor Fuels	\$ 14,999	\$ 17,000	\$ 20,000
604-49570-22300	Building Repair Supplies	\$ 12,270	\$ 32,000	\$ 32,000
604-49570-22805	Material Sold to Customers	\$ -	\$ -	\$ -
604-49570-25905	Freight	\$ 277	\$ -	\$ -
604-49570-30500	Medical & Dental Fees	\$ 1,250	\$ 2,000	\$ 2,000
604-49570-31200	Other Contracted Services	\$ 12,342	\$ 55,000	\$ 55,000
604-49570-32100	Telephone	\$ 3,112	\$ 5,000	\$ 5,000
604-49570-33100	Travel & Training	\$ 6,964	\$ 11,000	\$ 12,000
604-49570-36215	Property Insurance	\$ 8,805	\$ 8,000	\$ 8,000
604-49570-38100	Electric Utilities	\$ 6,242	\$ 8,000	\$ 8,000
604-49570-38200	Water	\$ 1,207	\$ 1,400	\$ 1,400
604-49570-38300	Gas Utilities	\$ 12,046	\$ 11,000	\$ 15,000
604-49570-38420	Refuse Disposal	\$ 4,949	\$ 7,000	\$ 7,000
604-49570-38500	Sewer	\$ 442	\$ 500	\$ 500
604-49570-38600	Storm Sewer	\$ 890	\$ 1,200	\$ 1,200
604-49570-40100	Repairs & Maint - Buildings	\$ 5,557	\$ 9,000	\$ 9,000
604-49570-40200	Repairs & Maint - Structures	\$ 307	\$ 30,000	\$ 30,000
604-49570-40300	Improve Other Than Buildings	\$ 73,537	\$ 90,000	\$ 120,000
604-49570-40400	Repairs & Maint - Equipment	\$ 64,206	\$ 40,000	\$ 40,000
604-49570-40500	Repairs & Maint - Vehicles	\$ 37,058	\$ 33,000	\$ 35,000
604-49570-43720	Right of Way Payments	\$ -	\$ 12,000	\$ 12,000
604-49570-43725	Obsolete Line Material	\$ -	\$ -	\$ -
604-49570-43760	Uniforms	\$ 15,416	\$ 18,000	\$ 20,000
604-49570-43900	Other Miscellaneous	\$ 12,185	\$ 5,000	\$ 5,000
604-49570-43905	Taxes Paid	\$ -	\$ -	\$ -
	TOTAL DISTRIBUTION EXPENSE	\$ 1,163,605	\$ 1,627,711	\$ 1,752,138

Fairmont Public Utilities - Budget 2023

Account Number	Account Description	YTD 2022	2022 BUDGET	2023 BUDGET
ELECTRIC ADMINISTRATION EXPENSE				
604-49590-10120	Full-time Employees - Regular	\$ 228,425	\$ 324,500	\$ 335,973
604-49590-10220	Full-time Employees - Overtime	\$ 722	\$ 2,911	\$ 2,980
604-49590-10320	Part-time Employees	\$ 4,087	\$ 5,436	\$ 5,436
604-49590-12120	PERA Contributions	\$ 16,231	\$ 24,556	\$ 25,421
604-49590-12220	FICA Contributions	\$ 13,661	\$ 20,637	\$ 21,352
604-49590-12500	Medicare	\$ 3,195	\$ 4,826	\$ 4,994
604-49590-13120	Health Insurance	\$ 50,815	\$ 77,647	\$ 73,573
604-49590-14220	Unemployment Insurance	\$ -	\$ -	\$ -
604-49590-15100	Work Comp Insurance	\$ 2,985	\$ 2,781	\$ 3,688
604-49590-20120	Office Supplies & Accessories	\$ 3,029	\$ 4,000	\$ 4,000
604-49590-20220	Computer Supplies / IT Support	\$ 63,733	\$ 78,874	\$ 95,053
604-49590-30500	Medical & Dental Fees	\$ -	\$ 2,000	\$ 2,000
604-49590-31015	Consulting Fees	\$ -	\$ -	\$ -
604-49590-31020	Other Professional Services	\$ (36,154)	\$ -	\$ -
604-49590-31200	Other Contracted Services	\$ 45,720	\$ 98,000	\$ 80,000
604-49590-32100	Telephone	\$ 2,988	\$ 3,600	\$ 3,600
604-49590-32200	Postage	\$ 1,627	\$ 3,500	\$ 3,500
604-49590-33100	Travel & Training	\$ 1,150	\$ 1,000	\$ 1,000
604-49590-36900	Other General Insurance	\$ 18,828	\$ 14,250	\$ 20,000
604-49590-43700	Bank Charges	\$ 1,220	\$ 3,000	\$ 3,000
604-49590-43705	Uncollectible Accounts	\$ 7,891	\$ 10,000	\$ 10,000
604-49590-43800	Credit Card Fees	\$ 15,953	\$ 21,000	\$ 21,000
604-49590-43805	Interest Expense	\$ 267	\$ -	\$ -
604-49590-43900	Other Miscellaneous	\$ 276	\$ 2,500	\$ 2,500
	TOTAL ADMINISTRATIVE EXPENSE	\$ 446,650	\$ 705,018	\$ 719,070

Fairmont Public Utilities - Budget 2023

Account Number	Account Description	YTD 2022	2022 BUDGET	2023 BUDGET
ELECTRIC MISCELLANEOUS EXPENSE				
604-49595-40400	Repairs & Maint - Equipment	\$ -	\$ -	\$ -
604-49595-42004	Depreciation Expense	\$ 339,101	\$ 485,000	\$ 450,000
604-49595-43300	Dues & Subscriptions	\$ 29,357	\$ 29,357	\$ 28,950
604-49595-43702	MN QBE Assessment	\$ -	\$ -	\$ -
604-49595-43901	Comm/Ind Lighting Rebate	\$ 49,770	\$ 75,000	\$ 77,000
604-49595-43902	Comm/Ind A/C Rebate	\$ 500	\$ 5,000	\$ 8,000
604-49595-43903	Comm/Ind Motor Rebate	\$ 50	\$ 2,000	\$ 2,000
604-49595-43904	Comm/Ind Custom Rebate	\$ -	\$ 2,000	\$ 1,500
604-49595-43906	Comm/Ind Air Source Heat Pump	\$ -	\$ 3,500	\$ 3,500
604-49595-43907	Comm Food Service Rebate	\$ -	\$ 1,000	\$ 1,000
604-49595-43908	Comm/Ind Variable Speed Drive	\$ -	\$ 2,000	\$ 2,000
604-49595-43909	Comm/Ind Vending Rebate	\$ -	\$ 1,000	\$ 1,000
604-49595-43910	Compressed Air Leak Rebate	\$ -	\$ 2,971	\$ 2,971
604-49595-43980	Res LED Rebate	\$ 565	\$ 7,000	\$ 8,000
604-49595-43981	Res A/C Rebate	\$ 6,970	\$ 14,000	\$ 16,455
604-49595-43982	Res Air Source Heat Pump	\$ 4,616	\$ 7,303	\$ 7,303
604-49595-43983	Res Ground Source Heat Pump	\$ -	\$ 2,000	\$ 2,000
604-49595-43984	Res Room A/C Rebate	\$ 50	\$ 3,000	\$ 3,000
604-49595-43985	Res Refrigerator Rebate	\$ 780	\$ 3,000	\$ 3,500
604-49595-43986	Res Freezer Rebate	\$ 70	\$ 3,000	\$ 3,500
604-49595-43987	Res Washing Machine Rebate	\$ 680	\$ 2,000	\$ 2,500
604-49595-43988	Res Dishwasher Rebate	\$ 615	\$ 3,000	\$ 3,500
604-49595-43989	LED Fixtures/Ceiling Fan Rebate	\$ 5,296	\$ 8,000	\$ 12,000
604-49595-43990	Furnace Fan Motor Rebate	\$ 2,700	\$ 8,000	\$ 8,500
604-49595-43991	Marathon Water Heater Program	\$ -	\$ -	\$ -
604-49595-43992	Low Income Conservation Assist	\$ 6,141	\$ 8,000	\$ 8,000
604-49595-43993	Misc Conservation Assistance	\$ 9,226	\$ 11,000	\$ 11,000
604-49595-43994	Lamp & Ballast Recycling	\$ 3,100	\$ 15,000	\$ 15,000
604-49595-43995	Dehumidifier Rebate	\$ 270	\$ 1,000	\$ 2,000
604-49595-43996	Habitat for Humanity Rebates	\$ -	\$ 1,500	\$ 1,500
604-49595-43997	Central A/C Clean & Tune-Up Rebate	\$ 20	\$ 1,000	\$ 1,000
604-49595-43998	Smart Thermostat Rebate	\$ 30	\$ -	\$ 360
	TOTAL MISCELLANEOUS EXPENSE	\$ 459,907	\$ 706,631	\$ 687,039
TRANSFER TO OTHER FUNDS				
604-72000-72500	Transfers Out to Gov't Funds	\$ 508,017	\$ 677,356	\$ 664,378
604-72000-72502	Transfers Out to Ent Funds	\$ -	\$ 1,000,000	\$ -
	TOTAL TRANSFERS TO OTHER FUNDS	\$ 508,017	\$ 1,677,356	\$ 664,378

TOTAL EXPENSE - ELECTRIC	\$ 11,341,536	\$ 16,451,922	\$ 16,692,207
NET INCOME FROM OPERATIONS	\$ 815,050	\$ 779,898	\$ 390,703