

**CITY OF FAIRMONT
PUBLIC UTILITIES COMMISSION
WORK SESSION AGENDA**

TUESDAY, NOVEMBER 2, 2021

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

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

3. 2022 FINANCIAL AND CAPITAL BUDGETS

(1 - 67)

4. OLD BUSINESS

5. NEW BUSINESS

6. DATE AND TIME OF NEXT MEETINGS:

- REGULAR MEETING - TUESDAY, NOVEMBER 16, 2021

- 7 - WORK SESSION MEETING - TUESDAY, DECEMBER 7, 2021

8. ADJOURNMENT

ATTACHMENTS



CITY OF FAIRMONT – 100 Downtown Plaza – Fairmont, MN 56031

Phone (507) 238-9461

www.fairmont.org

Fax (507) 238-9469

MEMO

TO: Public Utilities Commission

FROM: Chris Ziegler, Assistant Finance Director

DATE: November 2, 2021

SUBJECT: Proposed 2022 Budget

=====

The Finance Department has the 2022 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 2022 income statements, capital expenditures, designated reserves and cash flow statements. In 2020 we finished a water and wastewater rate study with Bolton & Menk and 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 2022 the study recommends a 10.3% increase to our residential water rates and a 9.5% increase to our commercial and industrial water rates. For our wastewater rates, it recommends a 5.7% increase to the residential rates and 4.9% 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.

The SMMPA Board approved to leave their rates unchanged for 2022 at their October 15, 2021 annual meeting. We are recommending that we keep our electric rates unchanged as well which will allow us to meet our targeted undesignated cash balance at the end of 2022.

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

①



Public Utilities Commission Memo

November 2, 2021

Page 2

We are budgeting a 1.4% increase in the gallons sold from our 2021 budget. Excluding the interfund transfer in 2021, we are projecting our revenues to increase by \$461,165 or 9.95%. We had budgeted a one-time \$1,000,000 interfund transfer from the Electric Department for the CR 39 project in 2021, which accounts for the overall decrease in revenue for 2022. 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 \$359,637 or 9.27%. The largest component of the expense increase is \$300,000 remaining on the Lime Pond Decommissioning project and will be financed by a PFA note.

On page WW-1 you can see the history of the flow to the Wastewater plant and the expected flow for 2021. We are projecting total revenues to increase 3.41% or \$115,304 and expenses to increase 2.62% or \$57,585.

We are budgeting a 2.4% increase in kWh sold from our 2021 budget. Our revenues are set to increase 10.41%. Our peak demand increased significantly due to the warm weather this summer from 30,740 in 2020 to 31,627 in July 2021. Overall expenses will decrease \$730,540 or 4.57%. Excluding the interfund transfer in 2021, we are projecting our expenses to increase by \$269,460 or 1.80%. We had budgeted a one-time \$1,000,000 interfund transfer to the Water Department for the CR 39 project in 2021 which accounts for the overall decrease in expenses for 2022. The Memo on the Electric Department provides a detailed explanation on how this budget is put together.

We will be discussing the proposed budget at the work session on November 2, 2021, and on November 16, 2021 the Commission will be asked to adopt the 2022 budget and recommend approval to the City Council. The City Council will be asked to adopt the 2022 budget at the Council meeting on December 13, 2021.

2

FAIRMONT PUBLIC UTILITIES COMMISSION - 2022 BUDGET

DEPARTMENTAL BUDGET SUMMARY

PAGE M - 1

ELECTRIC DEPARTMENT	2021 BUDGET	2022 BUDGET	INCREASE (DECREASE)	% CHANGE
INCOME	15,561,976	17,181,820	1,619,844	10.41%
PRODUCTION / PURCHASES	11,513,996	11,735,206	221,210	1.92%
DISTRIBUTION EXPENSES	1,436,020	1,435,342	(678)	-0.05%
ADMINISTRATION EXPENSES	687,138	705,018	17,880	2.60%
MISCELLANEOUS EXPENSES	668,692	706,631	37,939	5.67%
TRANSFER TO OTHER FUNDS	1,677,356	670,465	(1,006,891)	-60.03%
TOTAL EXPENSES	15,983,202	15,252,662	(730,540)	-4.57%
NET OPERATING INCOME (LOSS)	(421,226)	1,929,158	2,350,384	-557.99%

WATER DEPARTMENT	2021 BUDGET	2022 BUDGET	INCREASE (DECREASE)	% CHANGE
INCOME	5,632,970	5,094,135	(538,835)	-9.57%
FILTRATION EXPENSES	1,454,514	1,795,028	340,514	23.41%
DISTRIBUTION EXPENSES	634,064	652,763	18,699	2.95%
ADMINISTRATION EXPENSES	177,315	190,739	13,424	7.57%
MISCELLANEOUS EXPENSES	1,462,940	1,444,263	(18,677)	-1.28%
TRANSFERS TO OTHER FUNDS	149,427	155,104	5,677	3.80%
TOTAL EXPENSES	3,878,260	4,237,897	359,637	9.27%
NET OPERATING INCOME (LOSS)	1,754,710	856,238	(898,472)	-51.20%

WASTEWATER DEPARTMENT	2021 BUDGET	2022 BUDGET	INCREASE (DECREASE)	% CHANGE
INCOME	3,377,428	3,492,732	115,304	3.41%
TREATMENT EXPENSES	897,114	922,007	24,893	2.77%
COLLECTION EXPENSES	386,408	405,968	19,560	5.06%
ADMINISTRATION EXPENSES	112,200	137,405	25,205	22.46%
MISCELLANEOUS EXPENSES	707,280	693,993	(13,287)	-1.88%
TRANSFERS TO OTHER FUNDS	98,217	99,431	1,214	1.24%
TOTAL EXPENSES	2,201,219	2,258,804	57,585	2.62%
NET OPERATING INCOME (LOSS)	1,176,209	1,233,928	57,719	4.91%

③

FAIRMONT PUBLIC UTILITIES COMMISSION - 2022 BUDGET

CAPITAL EXPENDITURE BUDGET

ACCT #	DESCRIPTION	BUDGET AMT
ELECTRIC DISTRIBUTION		
	Transformers	\$85,000
	Automated Meter Infrastructure	\$300,000
	Replace high voltage switches & Cable locator	\$88,000
	Underground Conductors	\$85,000
	2022 Street Improvement Projects	\$10,000
	Downtown Lighting/Signs/Bollard replacements	\$50,000
	Track skid loader w/attachments	\$87,000
	Replace vehicles	\$35,000
	Veteran's Park lighting improvements	\$12,500
	Label maker and software	\$5,000
	Replace Power plant transformer with SMMPA	\$2,000,000
	Contingency	\$20,000
	TOTAL CAPITAL EXPENDITURES	\$2,777,500
WATER DEPARTMENT		
	Automated Meter Infrastructure	\$600,000
	SCADA and PC replacements	\$115,000
	Purchase leak locating equipment	\$16,000
	Replace truck #61	\$55,000
	Lead and Copper rule assessment/replacements	\$25,000
	Misc. Capital Items	\$5,000
	Water Contingency	\$20,000
	2022 Improvement Project	\$25,000
	TOTAL CAPITAL EXPENDITURES	\$861,000
WASTEWATER DEPARTMENT		
	Lift Station Rehab	\$100,000
	Lake Park Blvd Lift Station upgrades	\$120,000
	Sliplining/manhole rehab projects	\$225,000
	Contract jetting of large diameter mains	\$15,000
	Digester cleaning and repairs	\$100,000
	UV/Solids handling upgrade project	\$1,200,000
	Bar Screen replacement	\$750,000
	Replace truck	\$55,000
	Control Building boiler/AC replacement	\$25,000
	Polymer blend system (2)	\$25,000
	Effluent sampler	\$10,000
	Wastewater Contingency	\$20,000
	Misc Capital items	\$5,000
	2022 Improvement Project	\$25,000
	TOTAL CAPITAL EXPENDITURES	\$2,675,000

4

FAIRMONT PUBLIC UTILITIES COMMISSION - 2022 BUDGET

RESERVE ACCOUNTS ESTIMATED 12/31/2021

PAGE M - 3

<u>ELECTRIC DISTRIBUTION</u>	Target Balance	1/1/22 BALANCE	2022 EXPENSES	2022 RESERVE ADDITIONS	12/31/22 BALANCE
CAPITAL RESERVE ACCOUNT	\$ -	\$615,000		\$0	\$615,000
604-00000-27210					
INFRASTRUCTURE RESERVE ACCOUNT	\$ -	\$2,235,000	\$0	\$100,000	\$2,335,000
604-00000-27215					
<u>WATER DEPARTMENT</u>					
CAPITAL RESERVE ACCOUNT	\$ -	\$740,000		\$0	\$740,000
601-00000-27225					
INFRASTRUCTURE RESERVE ACCOUNT	\$ -	\$615,000	\$0	\$860,000	\$1,475,000
601-00000-27230					
<u>WASTEWATER DEPARTMENT</u>					
CAPITAL RESERVE ACCOUNT	\$ -	\$640,000		\$0	\$640,000
602-00000-27235					
INFRASTRUCTURE RESERVE ACCOUNT	\$ -	\$1,931,940	\$0	\$690,000	\$2,621,940
602-00000-27240					

5

FAIRMONT PUBLIC UTILITIES COMMISSION - 2022 BUDGET

UTILITY DEPARTMENT BUDGETED CASH FLOW SUMMARY

PAGE M - 4

	ELECTRIC	WATER	WASTEWATER
A. NET INCOME / (LOSS)	1,929,158	856,238	1,233,928
B. NON - CASH EXPENSE	485,000	970,000	650,000
C. CAPITAL EXPENDITURES	(2,777,500)	(861,000)	(2,675,000)
D. DEBT PRINCIPAL PAYMENT	-	(836,000)	(768,000)
E. PFA LOAN PROCEEDS	-	300,000	1,975,000
NET CASH FLOW	(363,342)	429,238	415,928

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

6

FAIRMONT PUBLIC UTILITIES COMMISSION - 2022 BUDGET

UTILITY DEPARTMENTS ESTIMATED CASH POSITION

PAGE M - 5

	ELECTRIC	WATER	WASTEWATER
CASH BALANCE 01 / 01 / 2021	8,015,714	2,512,333	3,786,549
RESULTS OF 2021 OPERATIONS	(873,005)	147,902	(381,791)
PROJECTED CASH FLOW 2022	(363,342)	429,238	415,928
DESIGNATED FUNDS 12 / 31 / 2022	(2,950,000)	(2,215,000)	(3,261,940)
<hr/>			
PROJECTED UNDESIGNATED CASH 12 / 31 / 2022	3,829,367	874,473	558,746
<hr/>			
TARGETED UNDESIGNATED CASH 12/31/2022	3,806,944	866,239	554,087

TOTAL CASH 1 / 1 / 2021	\$14,314,596
TOTAL CASH ESTIMATED 12 / 31 / 2021	\$13,207,702
TOTAL CASH ESTIMATED 12 / 31 / 2022	\$13,689,526

⑦

FAIRMONT PUBLIC UTILITIES COMMISSION - 2022 BUDGET

CITY TRANSFER CONTRIBUTION

PAGE A - 1

2021 CONTRIBUTION ALLOCATION

TOTAL 2021 CONTRIBUTION - GENERAL FUND	\$925,000.00
--	--------------

2022 CONTRIBUTION CALCULATION

2021 GENERAL FUND CONTRIBUTION	\$925,000.00
INCREASE	\$0.00
2022 GENERAL FUND CONTRIBUTION	\$925,000.00

2022 CONTRIBUTION AMOUNT

601 - 72000 - 72500	CONTRIBUTION TO GENERAL FUND - WATER DEPT	\$155,104.00
602 - 72000 - 72500	CONTRIBUTION TO GENERAL FUND - SEWER DEPT	\$99,431.03
604 - 72000 - 72500	CONTRIBUTION TO GENERAL FUND - LINE DEPT	\$670,464.98
	TOTAL GENERAL FUND TRANSFER	<hr/> \$925,000.00

8

FAIRMONT PUBLIC UTILITIES COMMISSION - 2022 BUDGET

ADMINISTRATION ALLOCATION

	2020	2019	2018	TOTAL	PERCENT
ELECTRIC	\$15,096,642	\$15,547,859	\$16,384,952	\$47,029,453	72.4827%
WATER	\$3,828,469	\$3,538,073	\$3,513,185	\$10,879,727	16.7680%
WASTEWATER	\$2,380,822	\$2,290,534	\$2,303,196	\$6,974,552	10.7493%
TOTAL	\$21,305,933	\$21,376,466	\$22,201,333	\$64,883,732	100.0000%

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

9

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project#	2022	2023	2024	2025	2026	2027+	Total
WATER DEPARTMENT								
Ground storage tank replacement (New I2 tank)				1,500,000	3,500,000			5,000,000
Automated Meter Infrastructure (meters, MTU, install)		600,000						600,000
Replace Ammonia batching PLC			10,000					10,000
Purchase leak locating equipment		16,000						16,000
Skid loader rotary broom			5,000					5,000
Replace truck #61		55,000						55,000
Flouride system evaluation			15,000					15,000
Water tower inspections				20,000		20,000		40,000
State Street tower control valve				30,000				30,000
Lime press equipment replacement			10,000		10,000			20,000
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 & Copper rule assessment/replacements		25,000	250,000	250,000	250,000			775,000
Scada and PC updates		115,000						115,000
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
								0
2022 Improvement Project -	WTR-2022-OSI	25,000						25,000
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
Water Total		861,000	565,000	1,850,000	4,215,000	70,000	0	7,561,000

Funding Sources								
Water Fund		836,000	315,000	100,000	465,000	70,000		1,786,000
Federal Grants								0
State Grants								0
Capital Reserve Fund								0
PFA Note				1,500,000	3,500,000			5,000,000
ARP Funds		25,000	250,000	250,000	250,000			775,000
Water Total		861,000	565,000	1,850,000	4,215,000	70,000	0	7,561,000

10

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project#	2022	2023	2024	2025	2026	2027+	Total
WASTE WATER DEPARTMENT								
Lift Station rehab/repair/monitoring		100,000	150,000	150,000	150,000			550,000
Lake Park Blvd lift station upgrades		120,000						120,000
Woodland 229 lift station relocation			50,000					50,000
Sliplining/manhole rehab projects		225,000		225,000		250,000		700,000
Grace lift station renovation				100,000				100,000
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
Diffuser replacement			180,000					180,000
Digester cleaning/repairs		100,000						100,000
UV/Solids handling upgrade project		1,200,000	17,000,000	3,000,000				21,200,000
River Eutrophication Standards Upgrades (RES)							18,000,000	18,000,000
Bar screen replacement		750,000						750,000
New truck (replace Ranger)		55,000						55,000
Control building boiler/AC replacement		25,000						25,000
Roof repairs on 2006 buildings				50,000				50,000
Vactor replacement					550,000			550,000
Polymer blend system (2)		25,000						25,000
Effluent sampler		10,000						10,000
Influent flowmeter			10,000					10,000
Replace scum pump			10,000					10,000
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
2022 Improvement Project -	WWR-2022-0SI	25,000						25,000
2023 Improvement Project -	WWR-2023-0SI		200,000					200,000
2024 Improvement Project -	WWR-2024-0SI			25,000				25,000
2025 Improvement Project -	WWR-2025-0SI				250,000			250,000
2026 Improvement Project -	WWR-2026-0SI					25,000		25,000
								-
Waste Water Total		2,675,000.00	17,745,000.00	3,575,000.00	975,000.00	300,000.00	18,000,000.00	43,270,000.00

Funding Sources								
Sewer Fund		700,000	550,000	550,000	550,000	300,000		2,650,000
Federal Grants								-
State Grants			5,000,000					5,000,000
Capital Reserve Fund			195,000	25,000	425,000			645,000
PFA Note		1,975,000	12,000,000	3,000,000			18,000,000	34,975,000
General Fund								-
FEDA								-
Waste Water Total		2,675,000.00	17,745,000.00	3,575,000.00	975,000.00	300,000.00	18,000,000.00	43,270,000.00

11

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project#	2022	2023	2024	2025	2026	2027+	Total
ELECTRIC DEPARTMENT								
New Transformers		85,000	85,000	85,000	85,000	85,000		425,000
Underground Conductors		85,000	100,000	100,000	100,000	100,000		485,000
Replace high voltage switches		80,000	100,000	100,000	100,000			380,000
Automated Meter Infrastructure - AMI		300,000						300,000
Downtown lighting/bollard/sign replacement		50,000	50,000					100,000
Track skid loader w/ attachments		87,000						87,000
10th Street Sub breaker replacement			100,000					100,000
Power Plant switchgear replacement				100,000				100,000
Replace Vehicles (Pickups and Vans)		35,000						35,000
Replace Boring Machine			220,000					220,000
Replace cable locator		8,000						8,000
Replace Power Plant Transformer (w/SMPA)		2,000,000						2,000,000
Rebuild west feeder line				2,000,000				2,000,000
Wood chipper			35,000					35,000
Veterans Park lighting improvements		12,500						12,500
Label maker with software		5,000						5,000
Street Improvement Projects		10,000	40,000	10,000	50,000	10,000		120,000
Contingency		20,000	20,000	20,000	20,000	20,000		100,000
Electric Total		2,777,500	750,000	2,415,000	355,000	215,000	0	6,512,500

Funding Sources								
Electric Fund		1,577,500	750,000	750,000	355,000	215,000		3,647,500
Federal Grants								0
State Grants								0
Capital Reserve Fund				1,665,000				1,665,000
Go Revenue Bonds								0
SMPA		1,200,000						1,200,000
Electric Total		2,777,500	750,000	2,415,000	355,000	215,000	0	6,512,500

12

MEMORANDUM

DATE: November 2, 2021
TO: Public Utilities Commission
FROM: Chris Ziegler, Assistant Finance Director
RE: 2022 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 2021. The 2022 budgeted water sales are 360,000,000 gallons.

Page W2: The water sales history and finished water history tables are used to help estimate 2021 total water sales and finished water. Values for years 2016 through 2020 are listed, as well as averages and estimated 2021 year end values.

Page W3: The 2022 water revenues are estimated using 2021 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 2022 is \$4,351,925. Infrastructure revenue includes a 5% rate increase, hydrant rental will remain the same and the budgeted amounts for 2022 are listed for each.

Page W4: This graph shows a summary of water sales and losses for 2016 through 2020, estimates for 2021 year end, and the 2022 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 2022. The chemical costs for the year were developed using expected water flows, current year costs, and results of the 2022 chemical bids. Water plant chemicals are budgeted at \$250,688 for 2022.

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 2022. The February interest payment will be \$233,631.50. The August payment will total \$1,088,631.50 and includes \$855,000 principal and \$233,631.50 interest.

The bond interest payments appear in the Miscellaneous Expense section of the budget and total \$467,263 for the year.

FAIRMONT PUBLIC UTILITIES COMMISSION - 2022 BUDGET

COMPARISON OF WATER SOLD TO FINISHED WATER (GALLONS)

WATER LOSS	YEAR	WATER SOLD		INCREASE (DECREASE)		PERCENT + / -		NET FINISHED		INCREASE (DECREASE)		PERCENT + / -																			
		2016	2017	2018	2019	2020	2016	2017	2018	2019	2020	2016	2017	2018	2019	2020															
12.27%		375,715,257	371,689,982	359,855,905	345,631,188	363,151,921	8,588,098	(4,025,275)	(11,834,077)	(14,224,717)	17,520,733	2.34%	-1.07%	-3.18%	-3.95%	5.07%	436,183,679	417,340,028	428,220,386	418,332,741	457,591,711	1,388,753	(18,843,651)	10,880,358	(9,887,645)	39,258,970	0.32%	-4.32%	2.61%	-2.31%	9.38%
YTD SEPT 2021		WATER SOLD										NET FINISHED																			
18.33%	2021	285,578,256											352,531,306																		
EST YEAR END 2021												459,531,306																			
2021 BUDGET												425,000,000																			
16.47%	2021	355,000,000											430,000,000																		
2022 BUDGET												430,000,000																			
16.28%	2022	360,000,000																													

15

15

FAIRMONT PUBLIC UTILITIES COMMISSION - 2022 BUDGET

WATER SALES HISTORY

PAGE W - 2

YEAR	YTD AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
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
2016	254,296,155	36,106,304	30,804,287	26,827,302	27,681,209	375,715,257
TOTAL 2016-2020	1,228,612,014	162,123,712	150,507,661	137,545,988	137,254,878	1,816,044,253
5 YR AVE 2016-2020	245,722,403	32,424,742	30,101,532	27,509,198	27,450,976	363,208,851
2 YR AVE 2019-2020	238,593,979	30,337,291	27,773,983	27,695,748	26,300,919	352,743,547
2021 ESTIMATE	248,791,910	36,786,346	30,000,000	28,000,000	27,000,000	370,578,256

ESTIMATED

NET FINISHED WATER HISTORY

YEAR	YTD AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
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
2016	306,182,624	35,749,587	36,444,814	33,227,434	33,487,093	445,091,552
TOTAL 2016-2020	1,465,193,039	181,519,647	181,563,104	167,959,282	170,341,346	2,166,576,418
5 YR AVE 2016-2020	293,038,608	36,303,929	36,312,621	33,591,856	34,068,269	433,315,284
2 YR AVE 2019-2020	293,826,940	36,354,654	37,775,024	34,651,423	35,354,186	437,962,226
2021 ESTIMATE	309,142,710	43,388,596	38,000,000	34,000,000	35,000,000	459,531,306

ESTIMATED

16

FAIRMONT PUBLIC UTILITIES COMMISSION - 2022 BUDGET

WATER DEPT REVENUE CALCULATIONS: INCREASES PER RATE STUDY

PAGE W - 3

PER SEPT 2021 STATISTICAL REPORT:

	GALLONS SOLD BY CLASS		% TOTAL GAL	REV YTD
TOTAL WATER SOLD YTD :	285,578,256	GALLONS		
RESIDENTIAL SALES	134,607,843		47.135%	\$1,957,726
COMMERCIAL SALES	89,136,598		31.213%	\$832,739
INDUSTRIAL SALES	61,833,815		21.652%	\$347,975
TOTAL YTD SALES:	285,578,256		100.00%	\$3,138,440

2021 REVENUE PER GALLON SOLD CALCULATIONS:

RESIDENTIAL	\$1,957,726 /	134,607,843	GALLONS =	\$0.014544	REVENUE/GALLON
COMMERCIAL	\$832,739 /	89,136,598	GALLONS =	\$0.009342	REVENUE/GALLON
INDUSTRIAL	\$347,975 /	61,833,815	GALLONS =	\$0.005628	REVENUE/GALLON
TOTAL SALES	\$3,138,440 /	285,578,256	GALLONS =	\$0.010990	REVENUE/GALLON

BUDGET FOR 2022: WATER SALES

	% TOTAL GAL	GALLONS SOLD:
RESIDENTIAL: 10.3% BLENDED INCREASE	47.135%	169,686,000
COMMERCIAL: 9.5% BLENDED INCREASE	31.213%	112,366,800
INDUSTRIAL: 9.5% BLENDED INCREASE	21.652%	77,947,200
TOTAL WATER SALES	100.00%	360,000,000

REV/GAL: WITH RATE INCREASES

X	\$0.016042	601 - 37100 - 37111	\$2,722,108
X	\$0.010229	601 - 37100 - 37112	\$1,149,455
X	\$0.006163	601 - 37100 - 37113	\$480,362
	\$0.012089	BLENDED REV/GAL	\$4,351,925

INFRASTRUCTURE: 5% INCREASE **601 - 37100 - 37115** **\$25,655** PER MONTH X 12 MONTHS =

\$307,857

HYDRANT RENTAL 601 - 37100 - 37116

X 574 HYDRANTS / **\$59.85** / HYDRANT

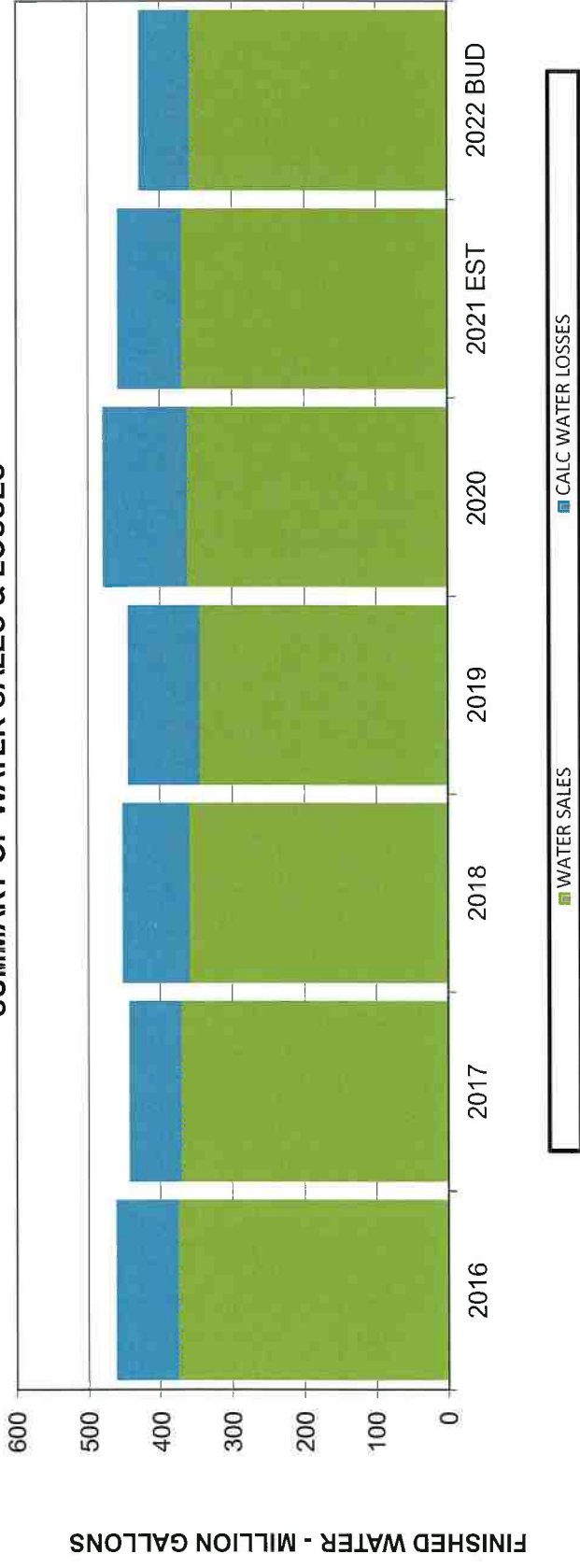
\$34,353

= **\$2,862.74**

17

FAIRMONT WATER DEPARTMENT

SUMMARY OF WATER SALES & LOSSES



YEAR	RAW	SALES	LOSSES
2016	463,271,468	375,715,257	87,556,211
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 EST	459,531,306	370,578,256	88,953,050
2022 BUD	430,000,000	360,000,000	70,000,000

18

FAIRMONT PUBLIC UTILITIES COMMISSION - 2022 BUDGET

WATER DEPARTMENT EXPENSE CALCULATIONS: ELECTRIC & CHEMICALS

WATER PLANT ELECTRIC COST:

ELEC: INT RATE	5124-051 WTP	BUDGETED KWH	1,390,000	KWH X	\$0.066500	/	KWH	=	\$92,435
ECA:	5124-051 WTP	BUDGETED KWH	1,390,000	KWH X	\$0.006675	/	KWH	=	\$9,278
IT2NT SERVICE RATE									
TOTA BUDGET ELECTRIC EXPENSE (601 - 49400 - 38100) :									
									1175000
									<u>\$101,713</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	\$0.006675	/	KWH	=	\$1,502
									\$120
TOTA BUDGET ELECTRIC EXPENSE (601 - 49430 - 38100) :									<u>\$24,797</u>

FINISHED WATER GALLONS:

2021 YTD SEPTEMBER CHEMICAL COSTS					\$0.5114	/	1,000 GALLONS	=	\$235,000
			459,531,306	X					
2022 BUDGET CHEMICAL COST (601 - 49400 - 21620)			430,000,000	X			\$0.5830	/	1,000 GALLONS
									<u>\$250,688</u>

19

PUBLIC UTILITIES COMMISSION WATER DEPARTMENT STATISTICS FOR 2021

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
FINISHED WATER	37,974,789	36,103,266	38,270,593	37,893,265	37,693,378	40,231,226	38,092,282	43,320,107	43,261,431			
RAW WATER	40,533,178	37,463,306	39,796,416	39,463,607	39,244,854	42,366,835	40,142,072	45,810,274	45,304,292			
LESS HOUSE WATER	2,000,000	1,792,960	2,033,424	1,950,848	1,929,488	1,880,912	2,010,656	1,950,144	1,903,696			
LESS DOMESTIC WATER	22,500	17,100	15,900	14,400	11,000	10,800	21,200	16,500	12,000			
NET FINISHED WATER	38,510,678	35,653,246	37,747,092	37,498,359	37,304,366	40,475,123	38,110,216	43,843,630	43,388,596	0	0	0
RESIDENTIAL SALES	14,804,665	13,003,518	11,859,959	13,947,512	15,171,771	17,165,466	16,954,912	17,289,291	14,410,749			
COMMERCIAL SALES	6,961,907	6,933,705	6,641,958	8,757,743	9,857,938	13,513,471	13,106,023	12,927,134	10,436,719			
INDUSTRIAL SALES	8,886,834	8,901,795	7,248,605	11,265,633	7,562,786	1,084,673	403,947	4,540,664	11,938,878			
TOTAL WATER SALES	30,653,406	28,839,018	25,750,522	33,970,888	32,592,495	31,763,610	30,464,882	34,757,089	36,786,346	0	0	0
ACCOUNTED LOSS	205,000	457,650	130,100	257,200	210,500	320,300	230,000	303,100	1,821,428			
UNACCOUNTED LOSS	7,652,272	6,356,578	11,866,470	3,270,271	4,501,371	8,391,213	7,415,334	8,783,441	4,780,822			
% OF NET FINISHED WATER	19.87%	17.61%	31.01%	8.63%	11.94%	20.86%	19.47%	20.28%	11.05%	#DIV/0!	#DIV/0!	#DIV/0!
PEAK DAY VOL	1,380,333	1,655,290	1,428,434	1,560,962	1,711,776	1,878,237	1,695,742	1,977,630	1,733,951			
PEAK DATE	01/15/21	02/22/21	03/18/21	04/07/21	05/08/21	06/25/21	07/29/21	08/18/21	09/26/21			
AVERAGE DAY VOL	1,224,993	1,289,402	1,234,535	1,263,109	1,215,915	1,341,041	1,228,783	1,397,423	1,442,048			
RESIDENTIAL SALES \$\$	\$215,407.83	\$201,738.00	\$195,343.90	\$208,588.40	\$218,840.98	\$234,731.33	\$234,542.30	\$236,585.28	\$211,948.41			
COMMERCIAL SALES \$\$	\$71,949.64	\$71,541.12	\$69,552.11	\$84,502.50	\$92,098.99	\$117,917.92	\$114,927.87	\$113,970.56	\$96,277.81			
INDUSTRIAL SALES \$\$	\$49,896.00	\$49,980.00	\$40,898.00	\$63,581.60	\$42,462.00	\$6,090.00	\$2,268.00	\$25,494.00	\$67,505.60			
TOTAL SALES \$\$\$	\$337,253.47	\$323,259.12	\$305,594.01	\$356,672.50	\$353,401.97	\$358,739.25	\$351,738.17	\$376,049.84	\$375,731.82	\$0.00	\$0.00	\$0.00

WATER DEPARTMENT TOTALS YEAR TO DATE

	2021	2020
FINISHED WATER	352,840,317	347,860,607
RAW WATER	370,124,834	356,786,472
- HOUSE WATER	17,452,128	16,710,456
- DOMESTIC WATER	141,400	205,200
NET FINISHED WATER	352,531,306	339,870,816
RESIDENTIAL SALES	134,607,843	134,904,204
COMMERCIAL SALES	89,136,598	67,358,595
INDUSTRIAL SALES	61,833,815	69,516,289
TOTAL WATER SALES	285,578,256	271,779,088
ACCOUNTED LOSSES	3,935,278	3,409,354
UNACCOUNTED LOSSES	63,017,772	64,682,374
% OF NET FINISHED WATER	17.88%	19.03%
YTD RESIDENTIAL SALES \$\$	\$1,957,726.43	\$1,650,732.92
YTD COMMERCIAL SALES \$\$	\$832,738.52	\$579,509.45
YTD INDUSTRIAL SALES \$\$	\$347,975.20	\$335,770.80
YTD WATER SALES TOTAL \$	\$3,138,440.15	\$2,566,013.17
REVENUE PER GALLON SOLD	\$0.010990	\$0.009442
2021 / 2020	1.16398	1.04397



MEMORANDUM

DATE: November 2, 2021
TO: Public Utilities Commission
FROM: Chris Ziegler, Assistant Finance Director
RE: 2022 Wastewater Department Proposed Budget

Comments on the Wastewater Department Proposed Budget

Page WW1: The wastewater flow history page shows annual totals from 2016 through 2020. Current year totals through September are listed, along with estimated year end totals. Budgeted gallons are shown for 2021 and 2022. Revenues and average revenues per 1000 gallons are included for comparison.

Projected revenue by rate class for 2022 is distributed using the current year revenue breakdown by class. The 2022 wastewater budget includes the rate study increases for each customer class. Total budgeted revenues for 2022 are \$1,957,958.

Page WW2: This page shows revenue projections for infrastructure and debt service for 2022 with a 5% rate increase. Wastewater plant electrical costs are shown based on the electric budget kWh calculations and 2022 electric rates. Wastewater plant electric expenses have remained between \$90,000 and \$105,000 since 2015. The plant electric expense is budgeted at \$102,445 in 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 \$4.685 per 1000 gallons for the three classes combined. CHS is one of our largest industrial customers and was shut down from

21

Public Utilities Commission
November 2, 2021
Page 2

Page WW3:

(Cont)

May 14th, through August 3rd resulting in lower than normal flows and revenue for that period. Due to those low flows from CHS, a severe drought and summer averaging, we had negative I & I flow for June and July. We believe this is a statistical anomaly based on the calculation assumptions. There was a precedent for negative I & I calculations also in 2012.

Page WW4: This statistical history page shows total plant flow by month from 2016 through 2021, with estimated values for October, November and December 2021.

The last column shows the 2016-2020 averages by month. The 2022 total estimated flow will be higher than the current year.

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 2021.

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 2016 through 2020. The estimated year end values for 2021 and budgeted amounts for 2022 are included as well. A table of values appears below the chart for reference.

Page WW6: WW6a is the 2021 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 \$20,621.50. The August payment of \$795,265 includes \$781,000 principal and \$20,621.50 interest.

Bond interest appears in the Miscellaneous Expense section of the budget and totals \$41,243 for the year.

22

FAIRMONT PUBLIC UTILITIES COMMISSION - 2022 BUDGET

WASTEWATER FLOW HISTORY

PAGE WW - 1

YEAR	TOTAL FLOW GALLONS	SEWAGE FLOW GALLONS	I & I FLOW GALLONS	% TOTAL FLOW	REVENUE	AVE REVENUE / 1000 GAL
2016	673,240,000	330,820,579	342,419,421	50.86%	\$1,601,022	\$4.8395
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 YTD SEPT	329,950,000	276,270,463	53,679,537	16.27%	\$1,307,611	\$4.7331
2021 BUDGET	562,710,000	310,000,000	252,710,000	44.91%	\$1,861,177	\$6.0038
2021 EST YE	434,360,000	310,000,000	124,360,000	28.63%	\$1,467,256	\$4.7331
2022 BUDGET	650,000,000	310,000,000	340,000,000	52.31%	\$1,957,958	\$6.3160

REVENUE ANALYSIS BY RATE CLASS

	2021 YTD - SEPTEMBER	BUDGET 2022
RESIDENTIAL	\$ 860,421	602 - 37200 - 37211
COMMERCIAL	\$ 316,777	602 - 37200 - 37212
INDUSTRIAL	\$ 130,413	602 - 37200 - 37213
TOTAL	\$ 1,307,611	
	100.00%	
	\$ 1,288,356	
	\$ 474,327	
	\$ 195,275	
	\$ 1,957,958	

(23)

FAIRMONT PUBLIC UTILITIES COMMISSION - 2022 BUDGET

WASTEWATER: OTHER REVENUES & COSTS

WWTF INFRASTRUCTURE REVENUE: 5% INCREASE

602 - 37200 - 37214	\$ 25,092	X	12 MONTHS =	<u>\$301,109</u>
SEPT 2021 YTD = \$215,078	2021 Budget = \$284,190			

WWTF EXPANSION DEBT SERVICE: 5% INCREASE

602 - 37200 - 37215	\$ 47,055	X	12 MONTHS =	<u>\$564,665</u>
SEPT 2021 YTD = \$403,332	2021 Budget = \$533,061			

WWTF ELECTRICAL COSTS- PLANT BUDGET

ELECTRICAL COSTS	IT1NT	1,400,000 KWH	\$0.0666500 / KWH =	\$93,100
ENERGY COST ADJUSTMENT (ECA)		1,400,000 KWH	\$0.006675 / KWH =	\$9,345

602 - 49450 - 38100	WWTF ELECTRICAL COSTS- PLANT	TOTAL	<u>\$102,445</u>
---------------------	------------------------------	-------	------------------

FAIRMONT PUBLIC UTILITIES COMMISSION - 2022 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
2021	JANUARY	31,970,000	11.89%	28,169,198	\$100,817	\$26,285	\$15,810	\$142,912	\$5.0733
2021	FEBRUARY	28,180,000	10.17%	25,314,562	\$95,897	\$27,729	\$20,362	\$143,988	\$5.6880
2021	MARCH	43,050,000	43.97%	24,118,797	\$93,132	\$28,324	\$22,157	\$143,613	\$5.9544
2021	APRIL	40,950,000	28.37%	29,330,828	\$98,356	\$31,892	\$24,277	\$154,525	\$5.2683
2021	MAY	37,570,000	18.76%	30,522,143	\$101,929	\$39,316	\$15,164	\$156,409	\$5.1244
2021	JUNE	33,840,000	-4.23%	35,271,579	\$93,189	\$40,427	\$1,453	\$135,069	\$3.8294
2021	JULY	32,530,000	-2.03%	33,189,588	\$92,399	\$42,036	\$227	\$134,662	\$4.0574
2021	AUGUST	39,430,000	3.74%	37,954,362	\$93,178	\$44,136	\$4,508	\$141,822	\$3.7366
2021	SEPTEMBER	42,430,000	23.64%	32,399,404	\$91,523	\$36,631	\$26,455	\$154,609	\$4.7720
2020	OCTOBER	34,410,000	9.74%	31,057,460	\$91,013	\$27,864	\$15,947	\$134,824	\$4.3411
2020	NOVEMBER	33,010,000	0.76%	32,759,265	\$92,435	\$29,070	\$20,017	\$141,522	\$4.3201
2020	DECEMBER	32,610,000	20.58%	25,897,291	\$88,524	\$22,444	\$19,720	\$130,688	\$5.0464
TOTALS		429,980,000	14.88%	365,984,477	\$1,132,392	\$396,154	\$186,097	\$1,714,643	\$4.6850

25

**FAIRMONT PUBLIC UTILITIES COMMISSION - 2022 BUDGET
WASTEWATER STATISTICAL HISTORY**

MONTH	2021	2020	2019	2018	2017	2016	2016 - 2020
	TOTAL FLOW	TOTAL FLOW	TOTAL FLOW	TOTAL FLOW	TOTAL FLOW	TOTAL FLOW	AVERAGE
JANUARY	31,970,000	43,180,000	46,210,000	32,750,000	45,790,000	43,250,000	42,236,000
FEBRUARY	28,180,000	37,830,000	34,610,000	28,240,000	48,800,000	47,000,000	39,296,000
MARCH	43,050,000	80,490,000	85,470,000	52,870,000	67,480,000	67,800,000	70,822,000
APRIL	40,950,000	63,570,000	92,800,000	99,180,000	61,340,000	65,500,000	76,478,000
MAY	37,570,000	72,900,000	121,000,000	106,220,000	73,110,000	75,300,000	89,706,000
JUNE	33,840,000	50,730,000	69,970,000	93,580,000	53,710,000	56,140,000	64,826,000
JULY	32,530,000	42,350,000	52,690,000	71,880,000	40,950,000	64,500,000	54,474,000
AUGUST	39,430,000	34,520,000	45,820,000	52,200,000	40,480,000	46,070,000	43,818,000
SEPTEMBER	42,430,000	32,730,000	45,140,000	78,700,000	35,720,000	52,760,000	49,010,000
OCTOBER	34,410,000	34,410,000	62,130,000	66,860,000	48,180,000	61,700,000	54,656,000
NOVEMBER	35,000,000	33,010,000	48,650,000	49,000,000	37,000,000	48,140,000	43,160,000
DECEMBER	35,000,000	32,610,000	54,030,000	47,440,000	34,260,000	45,080,000	42,684,000
TOTALS	434,360,000	558,330,000	758,520,000	778,920,000	586,820,000	673,240,000	671,166,000

****October - December 2021 Estimated**

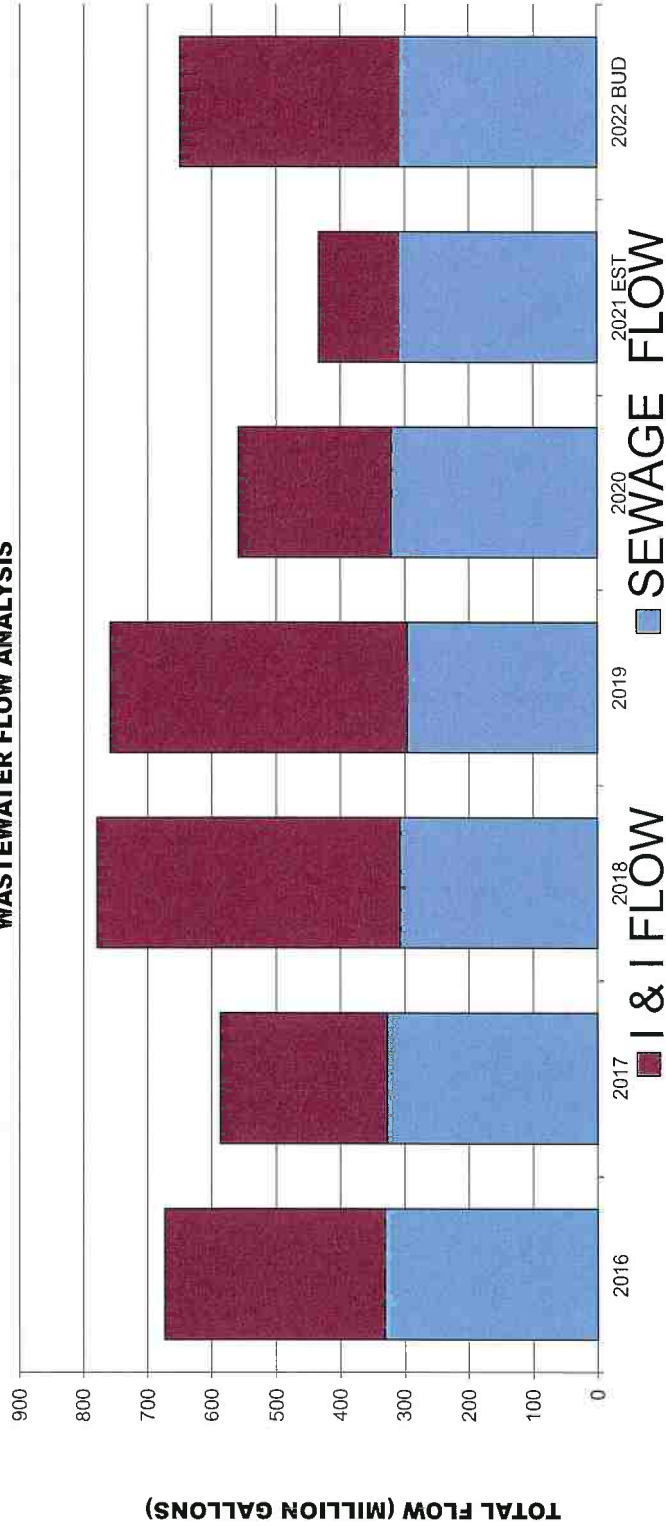
	2021 YTD	2020	2019	2018	2017	2016
Plant Electric Expense						
KWH	1,016,628	1,365,648	1,406,052	1,422,202	1,290,010	1,287,238
COST	\$ 74,392.00	\$ 99,931.28	\$ 102,987.86	\$ 104,069.65	\$ 94,434.57	\$ 89,374.30
COST/KWH	0.073175	0.073175	0.073246	0.073175	0.073205	0.069431
602-49450-38100						
<i>YTD through September</i>						

	2021 YTD	2020	2019	2018	2017	2016
Infrastructure Revenue						
602-37200-37214	\$ 215,078.00	\$ 271,317.09	\$ 260,043.92	\$ 259,389.89	\$ 258,829.99	\$ 259,325.18
Debt Service Revenue						
602-37200-37215	\$ 403,332.00	\$ 508,947.58	\$ 487,538.25	\$ 486,356.25	\$ 485,306.25	\$ 486,234.75



WASTEWATER DEPARTMENT

WASTEWATER FLOW ANALYSIS



YEAR	TOTAL FLOW	WWTR FLOW	I & I FLOW	% TOTAL FLOW	REVENUE	AVE REV / 1000 GAL
2016	673,240,000	330,820,579	342,419,421	50.86%	\$1,601,022	\$4.8395
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%	\$1,523,599	\$4.9500
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 EST	434,360,000	310,000,000	124,360,000	28.63%	\$1,861,178	\$6.0038
2022 BUD	650,000,000	310,000,000	340,000,000	52.31%	\$1,840,246	\$5.9363

27

PUBLIC UTILITIES COMMISSION WASTEWATER DEPARTMENT STATISTICS FOR THE YEAR 2021

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TOTAL FLOW	31,970,000	28,180,000	43,050,000	40,950,000	37,570,000	33,840,000	32,530,000	39,430,000	42,430,000			
DAILY FLOW	1,030,000	1,010,000	1,390,000	1,370,000	1,210,000	1,130,000	1,050,000	1,270,000	1,410,000			
MAXIMUM FLOW	1,160,000	1,160,000	1,930,000	1,570,000	1,700,000	1,270,000	1,180,000	2,370,000	1,990,000			
MINIMUM FLOW	96,200	91,000	108,000	118,000	109,000	101,000	95,700	98,100	1,190,000			
I & I % OF TOTAL FLOW	11.89%	10.17%	43.97%	28.37%	18.76%	-4.23%	-2.03%	3.74%	23.64%			
INFLUENT AVERAGE:												
LBS / DAY BOD	2,446	2,350	2,644	3,148	2,520	2,089	2,156	3,154	4,262			
LBS / DAY TSS	2,529	3,441	2,632	2,893	4,173	2,626	2,710	4,027	5,608			
EFFLUENT BOD:												
AVERAGE BOD	2.0	3.0	2.0	2.0	2.0	2.0	<2	2.0	2.0			
MAXIMUM BOD	3.0	3.0	3.0	10.0	3.0	2.0	2.0	2.0	2.0			
MINIMUM BOD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0			
EFFLUENT TSS:												
AVERAGE TSS	11	12	9	11	6	3	4	6	8			
MAXIMUM TSS	16	18	13	16	9	6	9	10	12			
MINIMUM TSS	7	8	6	6	2	2	2	3	4			
# OF DAYS OVER PERMIT LIMITS	0	0	0	0	0	0	0	0	0			
ELECTRIC USE - KWH	115,844	110,342	90,364	111,870	112,446	121,430	118,052	115,962	120,318			
ELECTRIC USE - COST	\$8,476.89	\$8,074.27	\$6,612.39	\$8,186.09	\$8,228.24	\$8,885.65	\$8,638.46	\$8,485.52	\$8,804.27			
REVENUE:												
RESIDENTIAL	\$100,817.37	\$85,897.37	\$93,131.94	\$98,355.73	\$101,929.00	\$93,189.03	\$92,399.00	\$93,177.93	\$91,523.27			
COMMERCIAL	\$26,285.39	\$27,729.49	\$28,323.96	\$31,892.34	\$39,315.91	\$40,427.29	\$42,035.92	\$44,135.72	\$36,631.28			
INDUSTRIAL	\$15,810.31	\$20,361.80	\$22,156.54	\$24,276.75	\$15,164.44	\$1,452.88	\$226.84	\$4,508.23	\$26,455.20			
TOTAL REVENUE	\$142,913.07	\$143,988.66	\$143,612.44	\$154,524.82	\$156,409.35	\$135,069.20	\$134,661.76	\$141,821.88	\$154,609.75	\$0.00	\$0.00	\$0.00

WASTEWATER DEPARTMENT TOTALS YEAR TO DATE

	YEAR	
	2021	2020
TOTAL FLOW TO PLANT, GALLONS	329,950,000	458,300,000
I & I % OF TOTAL FLOW	16.27%	49.44%
DAYS EXCEEDING PERMIT LIMITS	0	0
TOTAL ELECTRIC - KWH	1,016,628	1,038,146
TOTAL ELECTRIC - COST	\$74,391.78	\$ 75,966.32
TOTAL RESIDENTIAL REVENUE	\$860,420.64	\$790,551.07
TOTAL COMMERCIAL REVENUE	\$316,777.30	\$254,358.79
TOTAL INDUSTRIAL REVENUE	\$130,412.99	\$118,253.02
TOTAL REVENUE	\$1,307,610.93	\$1,163,162.88

BOD = Biodegradable Oxygen Demand
TSS= Total Suspended Solids



CALCULATION TO DETERMINE TOTAL I & I FLOW FOR 2021

MONTH	SEWAGE FLOW						TOTAL FLOW	I & I	PERCENT TOTAL FLOW
	RESIDENTIAL FLOW	ADJ COMM FLOW	INDUSTRIAL FLOW	RECLAIM SLUDGE	BASE FLOW/TOTAL SALES				
JAN	14,804,665	7,623,183	4,124,778	1,616,572	28,169,198	31,970,000	3,800,802	11.89%	
FEB	13,003,518	7,726,638	4,135,056	449,350	25,314,562	28,180,000	2,865,438	10.17%	
MAR	11,859,959	7,283,037	4,551,353	424,448	24,118,797	43,050,000	18,931,203	43.97%	
APR	13,947,512	10,295,734	4,740,475	347,107	29,330,828	40,950,000	11,619,172	28.37%	
MAY	15,171,771	10,862,569	3,484,424	1,003,379	30,522,143	37,570,000	7,047,857	18.76%	
JUN	17,165,466	14,967,680	1,800,579	1,337,854	35,271,579	33,840,000	-1,431,579	-4.23%	
JUL	16,954,912	13,990,966	1,399,497	844,213	33,189,588	32,530,000	-659,588	-2.03%	
AUG	17,289,291	13,847,984	5,088,962	1,728,125	37,954,362	39,430,000	1,475,638	3.74%	
SEP	14,410,749	11,318,109	5,095,335	1,575,211	32,399,404	42,430,000	10,030,596	23.64%	
OCT					0		0	#DIV/0!	
NOV					0		0	#DIV/0!	
DEC					0		0	#DIV/0!	
TOTAL	134,607,843	97,915,900	34,420,459	9,326,261	276,270,463	329,950,000	53,679,537	16.27%	

PERCENT	48.72%	35.44%	12.46%	3.38%	100.00%
---------	--------	--------	--------	-------	---------

29

MEMORANDUM

DATE: November 2, 2021
TO: Public Utilities Commission
FROM: Chris Ziegler, Assistant Finance Director
RE: 2022 Electric Department Proposed Budget

Comments on the Electric Department Proposed Budget

The Schedule B power rates from SMMPA will remain the same for 2022. The SMMPA 2021 Load Forecast for Fairmont shows a slight increase (1%) in MWh in 2022, 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 2022. Our peak demand of 31,627 MW was set on July 27, 2021. The ratchet (74% of peak) for 2022 will be 23,404. The budgeted demand cost for 2022 is \$3,331,340.

PAGE E2: The SMMPA transmission charge estimate for 2022 is based on our annual peak set June through September of 2021. 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 2021 peak was more than in 2020 (30,753 vs 31,627). The transmission costs related to the WAPA contract billed by SMMPA total \$90,038 in 2022 and appear in the column labeled "2022 Est MISO Trans".

PAGE E3: This chart maps monthly SMMPA demand history from 2016 through September 2021.

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. During the past year, on-peak usage has made up 46.89% of total usage, and off-peak usage was 53.11% of the total. SMMPA's on-peak rate is \$0.05563/kWh and the off-peak rate is \$0.04159/kWh. The 2022 budget for SMMPA purchased power is \$7,154,943, using SMMPA's load estimate of 148,523 MWh.

PAGE E5: The SMMPA energy billing chart illustrates purchases from 2016 through September 2021.

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 2022.

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 \$0.0770 per kWh for the total kWh purchase budget. The budgeted energy cost for SMMPA and WAPA is \$11,697,106 for 2022.

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. The ECA has been kept at \$0.006675 per kWh for all rate classes again this year. The ECA total revenue for 2022 is budgeted at \$991,017.

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 2020. The data table shows projected energy sales for 2021 and budgeted energy sales for 2022. As in past budgets, current year revenue per kWh is used to calculate 2022 revenue per rate class. The 2022 blended revenue per kWh sold is calculated at \$0.104700 for total budgeted sales of \$15,550,379.

PAGE E10: This page is from the 2020 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 2021 is included for reference.

PAGE E12: This page is a summary of the calculation used to determine the demand side management (DSM) budget for 2022. We are required to spend 1.5% of gross revenue on rebates and conservation programs. The DSM budget is \$233,268 for 2022.

PAGE E13: This page provides the breakdown by rebate for current year spending through September, and the 2021 and 2022 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 - 2022 BUDGET

604 - 49550 - 21815

SMPA DEMAND COST

PAGE E - 1

	2021		2021		2022		2022		\$10.95		2022	
	EST DEMAND	ACTUAL DEMAND	BILLED DEMAND	EST DEMAND	BILLED DEMAND	EST DEMAND	BILLED DEMAND	X	KW	RATE	DEMAND COST	DEMAND COST
JANUARY, 2021	21,000	19,467	22,381	20,000	20,000	23,404	RATCHET			\$ 10.95	\$256,274	\$256,274
FEBRUARY, 2021	21,000	20,449	22,381	20,000	20,000	23,404	RATCHET			\$ 10.95	\$256,274	\$256,274
MARCH, 2021	21,000	17,873	22,381	18,000	18,000	23,404	RATCHET			\$ 10.95	\$256,274	\$256,274
APRIL, 2021	18,000	18,006	22,381	18,000	18,000	23,404	RATCHET			\$ 10.95	\$256,274	\$256,274
MAY, 2021	20,000	24,524	24,524	20,000	20,000	23,404	RATCHET			\$ 10.95	\$256,274	\$256,274
JUNE, 2021	29,000	30,942	30,942	29,000	29,000	29,000				\$ 10.95	\$317,550	\$317,550
JULY, 2021	30,000	31,627	31,627	30,000	30,000	30,000				\$ 10.95	\$328,500	\$328,500
AUGUST, 2021	30,000	29,457	29,457	30,000	30,000	30,000				\$ 10.95	\$328,500	\$328,500
SEPTEMBER, 2021	28,000	25,197	25,197	28,000	28,000	28,000				\$ 10.95	\$306,600	\$306,600
OCTOBER, 2020	20,000	18,608	22,381	20,000	20,000	23,404	RATCHET			\$ 10.95	\$256,274	\$256,274
NOVEMBER, 2020	20,000	16,694	22,381	20,000	20,000	23,404	RATCHET			\$ 10.95	\$256,274	\$256,274
DECEMBER, 2020	20,000	19,703	22,381	20,000	20,000	23,404	RATCHET			\$ 10.95	\$256,274	\$256,274
TOTALS	278,000	272,547	298,414	273,000	273,000	304,232						\$3,331,340

2021 BUDGET AMOUNT: \$3,241,726
 2020 BUDGET AMOUNT: \$3,269,188
 2019 BUDGET AMOUNT: \$3,396,821

RATCHET COST ESTIMATE: 304,232 - 273,000 = 31,232 X \$10.95 = \$341,990

2022 RATCHET OF 23,404 BASED ON 74% PEAK DEMAND OF 31,627 SET ON JULY 27, 2021



FAIRMONT PUBLIC UTILITIES COMMISSION - 2022 BUDGET

604 - 49550 - 21815

SMMPA TRANSMISSION CHARGES

PAGE E - 2

	2021	2022	KW RATE	2022	2022 EST	2022
	DEMAND	ESTIMATE	\$2.74	TRANS COST	MISO TRANS	COST TOTAL
			X		(NEW)	
JANUARY, 2021	31,627	31,387	\$2.74	\$86,000	\$ 9,768	\$95,768
FEBRUARY, 2021	31,627	31,387	\$2.74	\$86,000	\$ 4,843	\$90,843
MARCH, 2021	31,627	31,387	\$2.74	\$86,000	\$ 5,771	\$91,771
APRIL, 2021	31,627	31,387	\$2.74	\$86,000	\$ 2,887	\$88,887
MAY, 2021	31,627	31,387	\$2.74	\$86,000	\$ 9,186	\$95,186
JUNE, 2021	31,627	31,387	\$2.74	\$86,000	\$ 8,128	\$94,128
JULY, 2021	31,627	31,387	\$2.74	\$86,000	\$ 8,145	\$94,145
AUGUST, 2021	31,627	31,387	\$2.74	\$86,000	\$ 7,890	\$93,890
SEPTEMBER, 2021	31,627	31,387	\$2.74	\$86,000	\$ 5,861	\$91,861
OCTOBER, 2020	31,627	31,387	\$2.74	\$86,000	\$ 6,346	\$92,346
NOVEMBER, 2020	31,627	31,387	\$2.74	\$86,000	\$ 10,440	\$96,440
DECEMBER, 2020	31,627	31,387	\$2.74	\$86,000	\$ 10,773	\$96,773
TOTALS	379,524	376,644		\$1,032,005	\$90,038	\$1,122,043

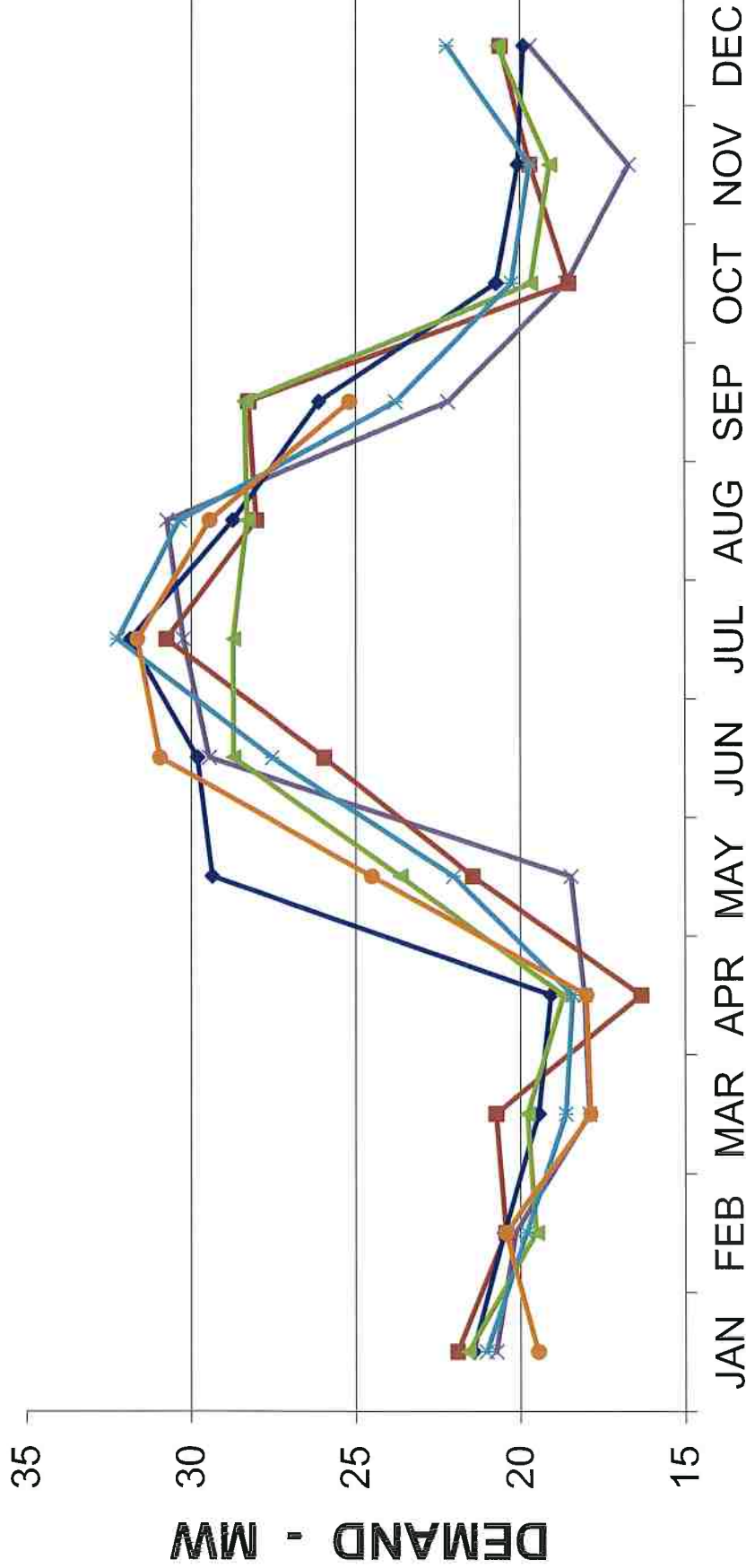
TRANSMISSION CHARGES BASED ON PEAK DEMAND LOAD FORECAST FROM SMMPA

2021 TRANSMISSION CHARGE BUDGET WAS \$1,108,887.

2020 TRANSMISSION CHARGE BUDGET WAS \$1,011,159.

34

FAIRMONT PUBLIC UTILITIES SMMPA DEMAND HISTORY 2015-2020



*— 2020 ACTUAL
 ■— 2019 ACTUAL
 ◆— 2018 ACTUAL
 ▲— 2017 ACTUAL
 ●— 2016 ACTUAL

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2020 ACTUAL	20.750	20.153	17.915	18.067	18.476	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
2016 ACTUAL	21.041	19.811	18.630	18.417	22.053	27.549	32.243	30.369	23.799	20.272	19.699	22.251
2021 ACTUAL	19.467	20.449	17.873	18.006	24.524	30.942	31.627	29.457	25.197			

35

FAIRMONT PUBLIC UTILITIES COMMISSION - 2022 BUDGET

604 - 49550 - 21820

SMMPA ENERGY CHARGES

PAGE E - 4

	2021 BUDGET KWH		2021 ACTUAL KWH		2022 BUDGET KWH		2022 KWH COSTS		2022 WAPA WHEELING	2022 ENERGY COST TOTAL	
	ON PEAK	OFF PEAK	TOTAL	ON PEAK	OFF PEAK	TOTAL	ON PEAK	OFF PEAK			
JANUARY, 2021	5,716,560	6,533,440	12,250,000	5,104,214	6,937,796	12,042,010	5,744,564	6,505,436	12,250,000	\$0	\$590,131
FEBRUARY, 2021	5,249,902	6,000,098	11,250,000	5,270,702	6,259,233	11,529,935	5,392,856	6,107,144	11,500,000	\$0	\$554,001
MARCH, 2021	5,249,902	6,000,098	11,250,000	5,326,897	5,711,506	11,038,403	5,275,620	5,974,380	11,250,000	\$0	\$541,957
APRIL, 2021	4,763,244	5,466,756	10,250,000	4,992,619	5,325,657	10,318,276	4,839,502	5,480,498	10,320,000	\$0	\$497,155
MAY, 2021	4,899,909	5,600,091	10,500,000	4,864,051	6,279,875	11,143,926	5,584,654	6,324,346	11,909,000	\$0	\$573,704
JUNE, 2021	6,299,882	7,200,118	13,500,000	7,291,860	7,023,913	14,315,773	6,940,371	7,859,629	14,800,000	\$0	\$712,975
JULY, 2021	7,186,533	8,213,467	15,400,000	7,177,880	7,631,840	14,809,720	7,221,737	8,178,263	15,400,000	\$0	\$741,879
AUGUST, 2021	6,766,540	7,733,460	14,500,000	7,160,901	7,279,202	14,440,103	6,799,687	7,700,313	14,500,000	\$0	\$698,523
SEPTEMBER, 2021	5,249,902	6,000,098	11,250,000	5,285,089	5,887,689	11,172,778	5,275,620	5,974,380	11,250,000	\$0	\$541,957
OCTOBER, 2020	5,410,432	6,183,568	11,594,000	5,246,547	5,952,024	11,198,571	5,436,936	6,157,064	11,594,000	\$0	\$558,529
NOVEMBER, 2020	5,366,567	6,133,433	11,500,000	4,722,782	6,033,063	10,755,845	5,392,856	6,107,144	11,500,000	\$0	\$554,001
DECEMBER, 2020	5,716,560	6,533,440	12,250,000	5,475,839	6,362,065	11,837,904	5,744,564	6,505,436	12,250,000	\$0	\$590,131
TOTALS	67,895,933	77,598,067	145,494,000	67,919,381	76,683,863	144,603,244	69,648,964	78,874,036	148,523,000	\$0	\$7,154,943

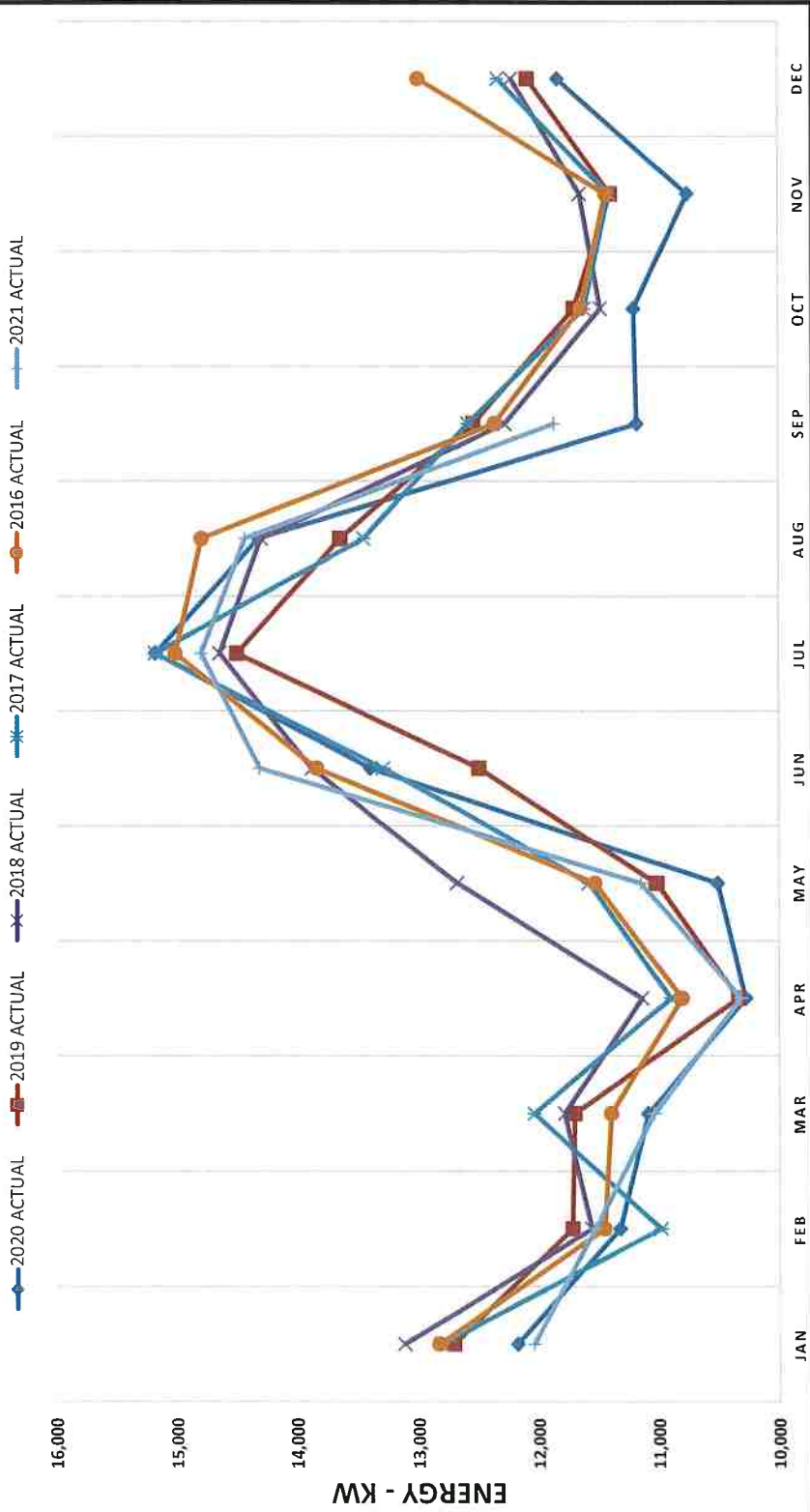
1.00616 0.99388 1.02711 \$0.048174

RATES	
ON PEAK	OFF PEAK
\$0.055630	\$0.041590

YEAR	BUDGET AMOUNTS KWH		ACTUAL AMOUNTS KWH		YEAR	ACTUAL COST
	ON PEAK	OFF PEAK	ON PEAK	OFF PEAK		
2020	68,861,138	77,981,862	68,273,085	77,602,176	2020	\$6,731,874
2019	70,480,200	81,519,800	68,273,085	77,602,176	2019	\$6,949,088
2018	67,311,781	83,288,219	69,908,562	80,858,623	2018	\$7,450,642
2017	67,230,558	83,519,442	66,564,335	82,363,367	2017	\$7,028,378

36

FAIRMONT PUBLIC UTILITIES SMPA ENERGY BILLING



MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
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
2016 ACTUAL	12,833	11,450	11,395	10,806	11,529	13,845	15,023	14,804	12,367	11,640	11,434	13,005
2021 ACTUAL	12,042	11,530	11,038	10,318	11,144	14,316	14,810	14,440	11,869			

37

FAIRMONT PUBLIC UTILITIES COMMISSION - 2022 BUDGET

604 - 49550 - 21830

WAPA ENERGY CHARGES

PAGE E - 6

	DEMAND PURCH	KWH PURCH	2021 COST	AVERAGE COST KWH	2022 DEMAND \$	2022 ENERGY \$	2022 TRANS DISC	2022 COST EST
JANUARY, 2021	784	286,000	\$7,911.22	\$0.027662	\$4,116.00	\$3,795.22	\$0.00	\$7,911.00
FEBRUARY, 2021	785	287,000	\$7,929.74	\$0.027630	\$4,121.25	\$3,808.49	\$0.00	\$7,930.00
MARCH, 2021	782	342,000	\$8,643.84	\$0.025274	\$4,105.50	\$4,538.34	\$0.00	\$8,644.00
APRIL, 2021	774	358,000	\$8,814.16	\$0.024621	\$4,063.50	\$4,750.66	\$0.00	\$8,814.00
MAY, 2021	569	252,000	\$6,331.29	\$0.025124	\$2,987.25	\$3,344.04	\$0.00	\$6,331.00
JUNE, 2021	578	232,000	\$6,113.14	\$0.026350	\$3,034.50	\$3,078.64	\$0.00	\$6,113.00
JULY, 2021	578	246,000	\$6,298.92	\$0.025605	\$3,034.50	\$3,264.42	\$0.00	\$6,299.00
AUGUST, 2021	546	261,000	\$6,329.97	\$0.024253	\$2,866.50	\$3,463.47	\$0.00	\$6,330.00
SEPTEMBER, 2021	556	239,000	\$5,851.53	\$0.024483	\$2,919.00	\$3,171.53	\$0.00	\$6,091.00
OCTOBER, 2020	578	253,000	\$6,138.81	\$0.024264	\$3,034.50	\$3,357.31	\$0.00	\$6,392.00
NOVEMBER, 2020	885	356,000	\$9,014.37	\$0.025321	\$4,646.25	\$4,724.12	\$0.00	\$9,370.00
DECEMBER, 2020	856	306,000	\$8,248.62	\$0.026956	\$4,494.00	\$4,060.62	\$0.00	\$8,555.00
TOTAL	8,271	3,418,000	\$87,625.61	\$0.025637	\$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	0.0260
604 - 49550 - 21830		AVERAGE COST PER KWH

38

FAIRMONT PUBLIC UTILITIES COMMISSION - 2022 BUDGET

SUMMARY OF DEMAND, TRANSMISSION & ENERGY CHARGES

	SMMPA DEMAND	SMMPA TRANS	SMMPA ENERGY	SMMPA ENERGY	WAPA ENERGY	WAPA ENERGY	TOTAL COSTS	SMMPA KWH	WAPA KWH	TOTAL KWH	COST / KWH
JAN	\$ 256,274	\$ 95,768	\$ 590,131	\$ 7,911	\$ 950,084	12,250,000	286,000	0.075788464			
FEB	\$ 256,274	\$ 90,843	\$ 554,001	\$ 7,930	\$ 909,048	11,500,000	287,000	0.077122947			
MAR	\$ 256,274	\$ 91,771	\$ 541,957	\$ 8,644	\$ 898,646	11,250,000	342,000	0.077522962			
APR	\$ 256,274	\$ 88,887	\$ 497,155	\$ 8,814	\$ 851,130	10,320,000	358,000	0.079708764			
MAY	\$ 256,274	\$ 95,186	\$ 573,704	\$ 6,331	\$ 931,495	11,909,000	252,000	0.076596923			
JUN	\$ 317,550	\$ 94,128	\$ 712,975	\$ 6,113	\$ 1,130,766	14,800,000	232,000	0.075223948			
JUL	\$ 328,500	\$ 94,145	\$ 741,879	\$ 6,299	\$ 1,170,823	15,400,000	246,000	0.074832122			
AUG	\$ 328,500	\$ 93,890	\$ 698,523	\$ 6,330	\$ 1,127,243	14,500,000	261,000	0.076366329			
SEP	\$ 306,600	\$ 91,861	\$ 541,957	\$ 6,091	\$ 946,509	11,250,000	239,000	0.082383966			
OCT	\$ 256,274	\$ 92,346	\$ 558,529	\$ 6,392	\$ 913,541	11,594,000	253,000	0.077111605			
NOV	\$ 256,274	\$ 96,440	\$ 554,001	\$ 9,370	\$ 916,085	11,500,000	356,000	0.077267643			
DEC	\$ 256,274	\$ 96,773	\$ 590,131	\$ 8,555	\$ 951,733	12,250,000	306,000	0.075799075			
TOTAL	\$3,331,340	\$1,122,043	\$7,154,943	\$88,780	\$11,697,106	148,523,000	3,418,000	\$0.0770			

2022 BUDGET	\$ 3,331,340	\$ 1,122,043	\$ 7,156,510	\$ 88,780	\$ 11,698,673	148,523,000	3,418,000	\$ 0.0770
2021 BUDGET	\$ 3,273,875	\$ 1,108,887	\$ 7,004,354	\$ 88,780	\$ 11,475,896	145,494,000	3,418,000	\$ 0.0771
2020 BUDGET	\$ 3,269,188	\$ 1,011,159	\$ 7,077,427	\$ 85,362	\$ 11,443,136	146,843,000	3,418,000	\$ 0.0762
2019 BUDGET	\$ 3,396,821	\$ 1,047,096	\$ 7,314,637	\$ 85,362	\$ 11,843,917	152,000,000	3,418,000	\$ 0.0769
2018 BUDGET	\$ 3,323,562	\$ 982,429	\$ 7,512,181	\$ 91,146	\$ 11,909,318	150,600,000	3,418,000	\$ 0.0773
2017 BUDGET	\$ 3,473,204	\$ 1,101,743	\$ 7,517,504	\$ 100,337	\$ 12,192,788	150,750,000	3,428,000	\$ 0.0791
2016 BUDGET	\$ 3,336,348	\$ 996,554	\$ 7,283,671	\$ 118,549	\$ 11,735,122	149,600,000	3,418,000	\$ 0.0767

AVERAGE COST PER KWH RECEIVED	
SMMPA	\$0.0782
WAPA	\$0.0260

39

FAIRMONT PUBLIC UTILITIES COMMISSION - 2022 BUDGET

604 - 37400 - 37419

ENERGY COST ADJUSTMENT CALCULATION

PAGE E - 8

TOTAL PURCHASED POWER COST (DEMAND, TRANSMISSION, SMMPA & WAPA)		\$11,697,106
PLUS FAIRMONT PUC OPERATING COST ALLOCATION, IF ANY		\$605,700
TOTAL PURCHASED POWER ACQUISITION COST		\$12,302,806
TOTAL ENERGY PURCHASED FROM SMMPA (KWH)		148,523,000
TOTAL ENERGY PURCHASED FROM WAPA (KWH)		3,418,000
TOTAL ENERGY PURCHASED FOR ALL SOURCES (KWH)		151,941,000
ANNUAL % OF TRANSMISSION AND TRANSFORMATION LOSSES		2.250%
TOTAL SYSTEM LOSSES		3,418,000
TOTAL ENERGY DELIVERED TO DISTRIBUTION SYSTEM (EST. KWH SOLD)		148,523,000
ENERGY COST ADJUSTMENT CALCULATION:		
POWER COSTS	DIVIDED BY	KWH SOLD
\$12,302,806	/	148,523,000
		KWH
		COST / KWH SOLD
		\$0.082834
ENERGY COST ADJUSTMENT BASE RATE FROM 2014 BERG RATE STUDY		(\$0.076539)
ESTIMATED ANNUAL ENERGY COST ADJUSTMENT (ECA)		\$0.006675
ENERGY COST ADJUSTMENT REVENUE CALCULATION		
\$0.006675	X	148,467,000
		KWH
		\$991,017
		(LESS FLAT RATE LIGHTS)

40

FAIRMONT PUBLIC UTILITIES COMMISSION - 2022 BUDGET

SALES PER RATE CLASS

ACCT #	RATE	ACTUAL 2020	PROJ 2021	BUDG 2022	BUDG \$ 2022	REV/KWH
604 - 37400 - 37411	RL	28,676,595	28,892,416	29,950,000	\$3,377,420	0.112769
604 - 37400 - 37412	RH	9,473,827	9,530,417	9,960,000	\$1,036,382	0.104054
604 - 37400 - 37413	CS	19,972,644	20,454,731	20,955,000	\$2,252,708	0.107502
604 - 37400 - 37414	SH	1,069,794	1,097,340	1,295,000	\$104,687	0.080839
604 - 37400 - 37415	GS	14,585,391	14,828,247	15,460,000	\$1,522,301	0.098467
604 - 37400 - 37416	IN	52,632,897	52,560,090	54,583,000	\$4,897,298	0.089722
604 - 37400 - 37417	AE	8,384,124	8,537,038	8,775,000	\$674,436	0.076859
604 - 37400 - 37418	RE	3,601,322	3,509,639	3,925,000	\$438,807	0.111798
604 - 37400 - 37420	FP	1,388,800	1,369,600	1,615,000	\$107,398	0.066500
604 - 37400 - 37421	WW	1,365,648	1,344,130	1,400,000	\$93,100	0.066500
604 - 37400 - 37423	SL	499,104	497,245	549,000	\$41,174	0.074999
604 - 37400 - 37426	FR	46,541	46,476	56,000	\$13,652	0.243782

TOTAL 141,696,687 142,667,369 148,523,000 \$14,559,362

604 - 37400 - 37419 ECA PLUS ECA *** \$991,017 \$0.006675

TOTAL SALES \$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

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
2020						
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	141,696,687	\$ 14,828,750	\$ 0.104651	100.0 %	100.0 %	5,949

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
2019						
Residential Light	27,859,621	\$ 3,165,892	\$ 0.113637	19.2 %	20.8 %	3,816
Commercial Service	22,264,366	2,349,325	0.105520	15.4	15.5	764
General Service	15,710,084	1,538,087	0.097904	10.8	10.1	42
Industrial Sales	52,659,930	4,781,350	0.090797	36.4	31.6	13
All Electric	8,580,360	673,994	0.078551	5.9	4.4	8
Rural Electric	3,730,724	414,555	0.111119	2.6	2.7	223
Filter Plant	1,382,000	91,903	0.066500	1.0	0.6	1
Street Lighting	499,123	37,434	0.075000	0.3	0.2	8
Flat Rate Security Lights	46,540	10,675	0.229373	-	0.1	-
Residential Heat	9,424,897	985,082	0.104519	6.5	6.5	905
Wastewater Plant	1,406,052	93,502	0.066500	1.0	0.6	1
Seasonal Heat Rate	1,269,732	97,076	0.076454	0.9	0.6	25
Energy Cost Adjustment	-	962,885	-	-	6.3	-
Total Sales	144,833,429	\$ 15,201,760	\$ 0.104960	100.0 %	100.0 %	5,806

42

FAIRMONT PUBLIC UTILITIES ELECTRIC DEPT STATISTICAL COMPARISON - YTD

ACCOUNT #	DESCRIPTION	YTD KWH 2021	ACTUAL KWH 2020	YTD REV 2021	ACTUAL REV 2020
604-37400-37411	Residential Light Sales	22,939,813	28,676,595	\$2,586,890.66	\$3,251,766.67
604-37400-37412	Residential Heat Sales	7,442,320	9,473,827	\$774,406.54	\$988,089.76
604-37400-37413	Commercial Service Sales	15,743,856	19,972,644	\$1,692,499.63	\$2,155,866.63
604-37400-37414	Seasonal Commercial Heat Sales	820,346	1,069,794	\$66,316.48	\$82,848.60
604-37400-37415	General Service Sales	11,356,539	14,585,391	\$1,118,244.94	\$1,407,594.52
604-37400-37416	Industrial Sales	40,417,081	52,632,897	\$3,626,302.58	\$4,760,159.78
604-37400-37417	All Electric Sales	6,445,373	8,384,124	\$495,384.39	\$605,805.22
604-37400-37418	Rural Electric Sales	2,629,289	3,601,322	\$293,949.35	\$401,797.26
604-37400-37420	Filter Plant Power	1,029,200	1,388,800	\$68,441.80	\$92,355.20
604-37400-37421	WW Treatment Plant Power	1,016,628	1,365,648	\$67,605.78	\$90,815.57
604-37400-37423	Municipal Street Lighting	347,978	499,104	\$26,098.44	\$37,432.94
604-37400-37426	Security & Street Lighting	32,488	46,541	\$7,919.82	\$10,704.83
604-37400-37419	Energy Cost Adjustment	0	0	\$734,469.47	\$943,511.17
TOTALS		110,220,911	141,696,687	\$11,558,529.88	\$14,828,748.15

	2021	2020
TIE LINE - SMMPA 69 KV (BILLED)	111,507,510	143,252,532
TIE LINE - WAPA 69 KV (BILLED)	2,503,000	3,428,000
TOTAL PURCHASES	114,010,510	146,680,532

PERCENTAGE OF LOSSES	
2021	2020

69 KV TRANSMISSION & TRANSFORMATION LOSSES	(16,603,349)	(11,001,686)	-14.56%	-7.50%
TOTAL CALC KWH LOAD	130,613,859	157,682,218		
TOTAL ENERGY SALES	110,220,911	141,696,687		
DISTRIBUTION SYSTEM LOSSES	20,392,948	15,985,531	15.61%	10.14%
NET LOSSES			1.05%	2.64%

43

FAIRMONT PUBLIC UTILITIES

Page E-11

ELECTRIC DEPT STATISTICAL COMPARISON - YTD

ACCOUNT #	DESCRIPTION	YTD KWH 2021	ACTUAL KWH 2020	YTD REV 2021	ACTUAL REV 2020
604-37400-37411	Residential Light Sales	22,939,813	28,676,595	\$2,586,890.66	\$3,251,766.67
604-37400-37412	Residential Heat Sales	7,442,320	9,473,827	\$774,406.54	\$988,089.76
604-37400-37413	Commercial Service Sales	15,743,856	19,972,644	\$1,692,499.63	\$2,155,866.63
604-37400-37414	Seasonal Commercial Heat Sales	820,346	1,069,794	\$66,316.48	\$82,848.60
604-37400-37415	General Service Sales	11,356,539	14,585,391	\$1,118,244.94	\$1,407,594.52
604-37400-37416	Industrial Sales	40,417,081	52,632,897	\$3,626,302.58	\$4,760,159.78
604-37400-37417	All Electric Sales	6,445,373	8,384,124	\$495,384.39	\$605,805.22
604-37400-37418	Rural Electric Sales	2,629,289	3,601,322	\$293,949.35	\$401,797.26
604-37400-37420	Filter Plant Power	1,029,200	1,388,800	\$68,441.80	\$92,355.20
604-37400-37421	WW Treatment Plant Power	1,016,628	1,365,648	\$67,605.78	\$90,815.57
604-37400-37423	Municipal Street Lighting	347,978	499,104	\$26,098.44	\$37,432.94
604-37400-37426	Security & Street Lighting	32,488	46,541	\$7,919.82	\$10,704.83
604-37400-37419	Energy Cost Adjustment	0	0	\$734,469.47	\$943,511.17
TOTALS		110,220,911	141,696,687	\$11,558,529.88	\$14,828,748.15

	2021	2020
TIE LINE - SMMPA 69 KV (BILLED)	111,507,510	143,252,532
TIE LINE - WAPA 69 KV (BILLED)	2,503,000	3,428,000
TOTAL PURCHASES	114,010,510	146,680,532

PERCENTAGE OF LOSSES	
2021	2020

69 KV TRANSMISSION & TRANSFORMATION LOSSES	(16,603,349)	(11,001,686)	-14.56%	-7.50%
TOTAL CALC KWH LOAD	130,613,859	157,682,218		
TOTAL ENERGY SALES	110,220,911	141,696,687		
DISTRIBUTION SYSTEM LOSSES	20,392,948	15,985,531	15.61%	10.14%
NET LOSSES			1.05%	2.64%

44

FAIRMONT PUBLIC UTILITIES COMMISSION - 2022 BUDGET

DEMAND SIDE MGMT BUDGET-BUDGET CALCULATION

PAGE E - 12

ACCT #	CUSTOMER RATE CLASSIFICATION	2022 BUDGET
604 - 37400 - 37411	RESIDENTIAL LIGHT SALES	\$3,377,420
604 - 37400 - 37412	RESIDENTIAL HEAT SALES	\$1,036,382
604 - 37400 - 37413	COMMERCIAL SERVICE SALES	\$2,252,708
604 - 37400 - 37414	SEASONAL COMMERCIAL HEAT SALES	\$104,687
604 - 37400 - 37415	GENERAL SERVICE SALES	\$1,522,301
604 - 37400 - 37416	INDUSTRIAL SALES	\$4,897,298
604 - 37400 - 37417	ALL ELECTRIC SALES	\$674,436
604 - 37400 - 37418	RURAL ELECTRIC SALES	\$438,807
604 - 37400 - 37419	ELECTRIC ENERGY COST ADJUSTMENT	\$991,017
604 - 37400 - 37420	FILTER PLANT POWER	\$107,398
604 - 37400 - 37421	WASTEWATER TREATMENT PLANT POWER	\$93,100
604 - 37400 - 37423	MUNICIPAL STREET LIGHTING	\$41,174
604 - 37400 - 37426	FLAT RATE SECURITY & STREET LIGHTING	\$13,652
604 - 37400 - 37428	SURGE PROTECTION - REVENUE	\$840
	TOTAL BUDGET REVENUE	<hr/> \$15,551,219
	% TO BE APPLIED TOWARD DSM PROGRAM	1.50%
	DEMAND SIDE MANAGEMENT BUDGET - 2022	<hr/> \$233,268

45

FAIRMONT PUBLIC UTILITIES COMMISSION - 2022 BUDGET

BREAKDOWN OF DSM BUDGET BY ACCOUNT

ACCT #	DESCRIPTION	YTD 2021	2021 BUD	2022 BUD
		(SEPT)		
604 - 49595 - 43901	COMM / IND LIGHTING REBATES	\$34,184	\$75,000	\$75,000
604 - 49595 - 43902	COMM / IND A/C REBATES	\$0	\$5,000	\$5,000
604 - 49595 - 43903	COMM / IND MOTOR REBATES	\$0	\$2,000	\$2,000
604 - 49595 - 43904	COMM / IND CUSTOM REBATES	\$0	\$2,000	\$2,000
604 - 49595 - 43906	COMM / IND AIR SOURCE HEAT PUMP	\$0	\$3,500	\$3,500
604 - 49595 - 43907	COMMERCIAL FOOD SERVICE REBATES	\$1,000	\$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	\$614	\$7,000	\$7,000
604 - 49595 - 43981	RES AIR CONDITIONING REBATES	\$8,930	\$14,000	\$14,000
604 - 49595 - 43982	RES AIR SOURCE HEAT PUMP	\$4,098	\$2,000	\$7,303
604 - 49595 - 43983	RES GROUND SOURCE HEAT PUMP	\$0	\$2,000	\$2,000
604 - 49595 - 43984	RES ROOM AIR CONDITIONING REBATES	\$165	\$3,000	\$3,000
604 - 49595 - 43985	RES REFRIGERATION REBATES	\$1,315	\$3,000	\$3,000
604 - 49595 - 43986	RES FREEZER REBATES	\$25	\$3,000	\$3,000
604 - 49595 - 43987	RES CLOTHES WASHER REBATES	\$480	\$2,000	\$2,000
604 - 49595 - 43988	RES DISHWASHER REBATES	\$755	\$3,000	\$3,000
604 - 49595 - 43989	RES LED FIXTURES / CEILING FANS	\$2,713	\$8,000	\$8,000
604 - 49595 - 43990	RES FURNACE FAN MOTOR REBATES	\$3,271	\$8,000	\$8,000
604 - 49595 - 43991	MARATHON WATER HEATER	\$0	\$0	\$0
604 - 49595 - 43992	LOW INCOME CONSERVATION ASSISTANCE	\$4,710	\$8,000	\$8,000
604 - 49595 - 43993	MISC CONSERVATION ASSISTANCE	\$9,336	\$11,000	\$11,000
604 - 49595 - 43994	LAMP & BALLAST RECYCLING	\$3,468	\$15,000	\$15,000
604 - 49595 - 43995	DEHUMIDIFIER REBATES	\$542	\$1,000	\$1,894
604 - 49595 - 43996	HABITAT FOR HUMANITY REBATES	\$0	\$1,500	\$1,500
604 - 49595 - 43997	RES CENTRAL A/C CLEAN - TUNE UP REBATES	\$240	\$1,000	\$1,000
604 - 49595 - 43998	SMART THERMOSTAT REBATE	\$10	\$0	\$100
604 - 49570 - 40400	LOAD MANAGEMENT SYSTEM	\$13,826	\$40,000	\$40,000
		\$89,682	\$226,971	\$233,268
	TOTAL DSM BUDGET - 2022			\$233,268

46

SMMPA 2021 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 2021 Load Forecast has been prepared for a 30-year period, beginning 2021 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 behavior changes, 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:** direct load control, energy management program (SMMPA's active in 2022+); impacts based on estimates provided by members and Conservation Improvement Program 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 0.5%/yr over 2021-2030 and 0.3%/yr over 2031-2040, 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 for most members.
- Gross CP Demand is anticipated to grow at 0.6%/yr over 2021-2030 and 0.3%/yr over 2031-2040. CP Demand has been fairly flat over the last 10-15 years but has grown by 1.0%/yr over 2015-2020.
- Net IMS Energy is anticipated to grow at 0.4%/yr over 2021-2030 and 0.3% per year over 2031-2040. For the Non-CROD Members, Net IMS Energy and CP Demand are projected to grow at 0.2% per year over 2021-30 and 0.1% per year over 2031-2040.
- Gross IMS Energy in 2021 is anticipated to be 2.0% higher than actual (i.e., non-weather normal) 2020 energy, and Gross IMS CP Demand is anticipated to be 0.8% higher than the actual 2020 peak, mostly as a result of the recovery from the pandemic, offset by slightly milder overall summer and peak day weather. Weather conditions during 2020 were slightly warm during the summer and 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.

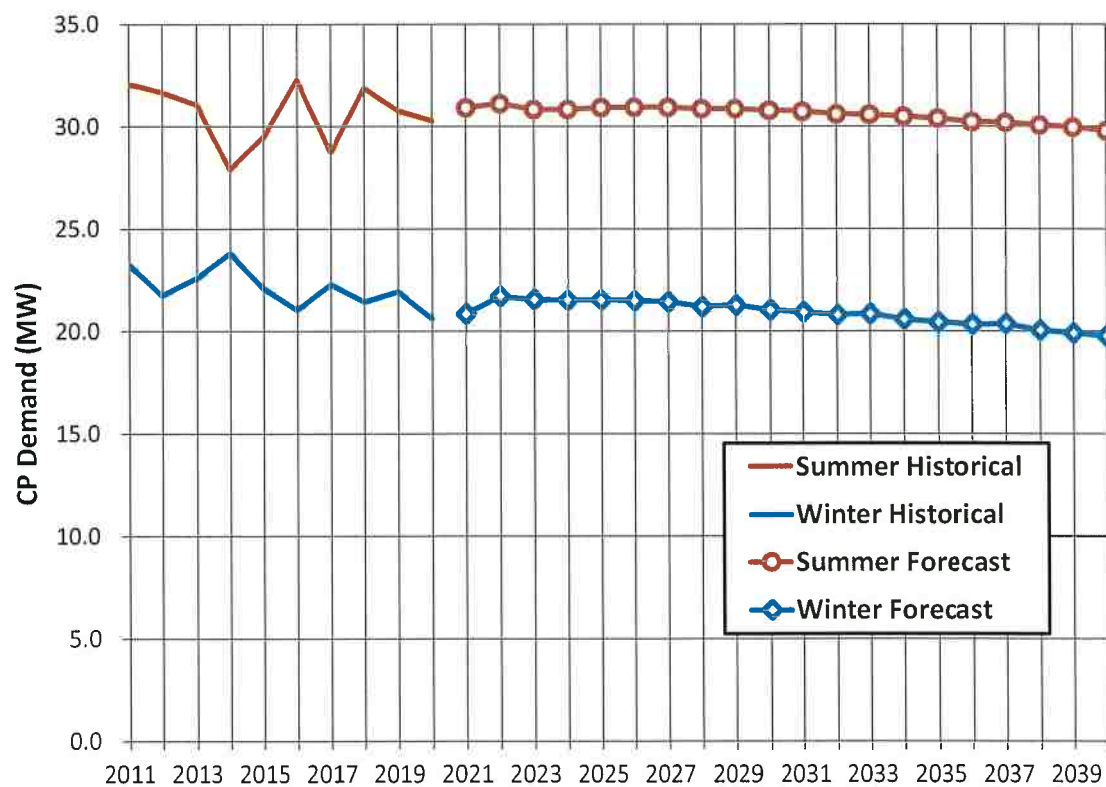
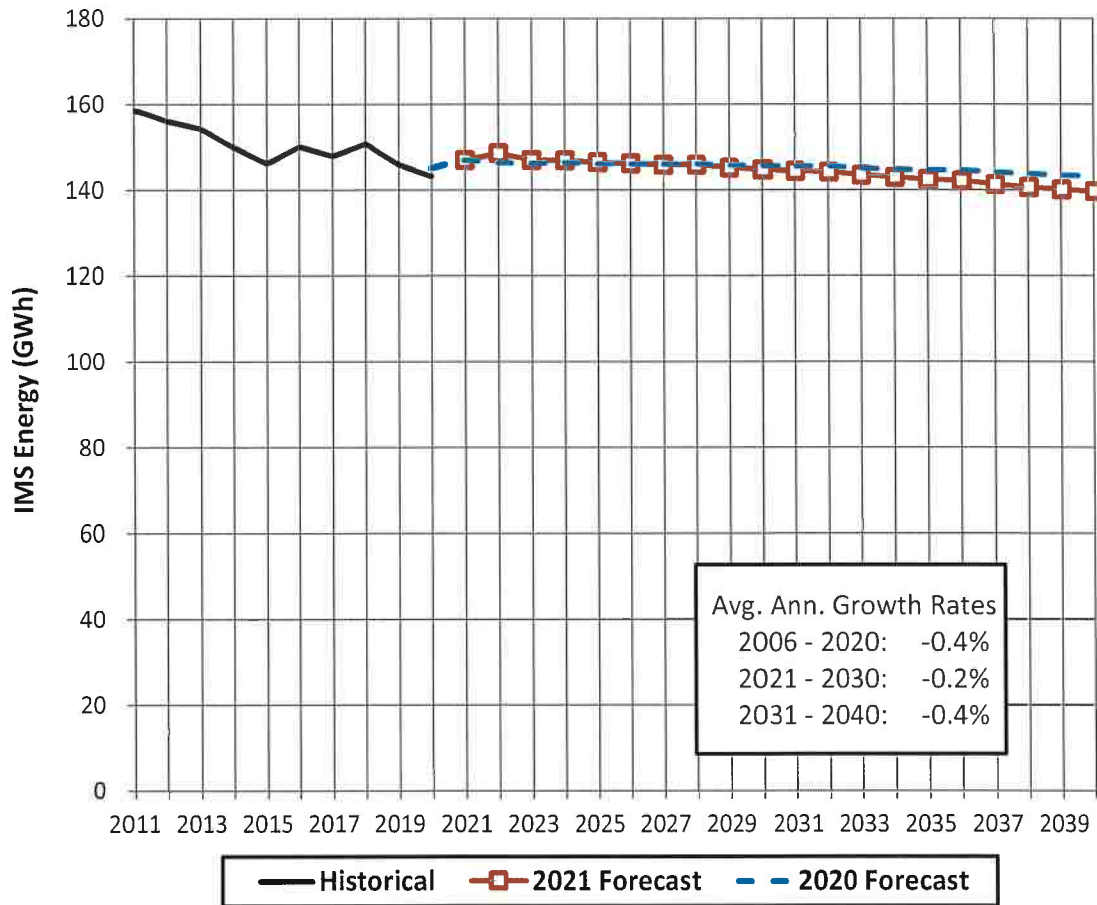
¹ Long-term relationships between the economy within the utility's service area and the wider economy in the surrounding county(ies) are implicitly captured by the long-term regression equations that form the basis of the econometric forecast.

SMMPA 2021 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
2006	150,908		31,239	55.1%	77.3%	22,288	77.3%	27,285	63.1%	87.3%	21,733	79.3%	97.5%		
2007	158,824	5.2%	33,230	6.4%	84.5%	21,469	84.5%	31,248	14.5%	94.0%	20,266	89.5%	94.4%		
2008	160,736	1.2%	31,424	-5.4%	78.0%	23,449	9.2%	31,149	-0.3%	99.1%	23,297	78.5%	99.4%		
2009	151,742	-5.6%	29,160	-7.2%	59.4%	24,457	4.3%	28,091	-9.8%	96.3%	24,019	72.1%	98.2%		
2010	159,028	4.8%	31,446	7.8%	77.6%	23,386	-4.4%	31,446	11.9%	100.0%	23,386	77.6%	100.0%		
2011	158,562	-0.3%	33,307	5.9%	75.3%	24,036	2.8%	32,033	1.9%	96.2%	23,214	78.0%	96.6%		
2012	156,017	-1.6%	32,680	-1.9%	79.7%	22,276	-7.3%	31,633	-1.2%	96.8%	21,732	81.7%	97.6%		
2013	154,214	-1.2%	31,555	-3.4%	55.8%	22,568	1.3%	31,036	-1.9%	98.4%	22,568	78.0%	100.0%		
2014	149,970	-2.8%	28,399	-10.0%	60.3%	23,763	5.3%	27,889	-10.1%	98.2%	23,763	72.0%	100.0%		
2015	146,262	-2.5%	29,599	4.2%	56.4%	22,215	-6.5%	29,451	5.6%	99.5%	22,063	75.7%	99.3%		
2016	150,131	2.6%	32,254	9.0%	80.4%	21,252	-4.3%	32,237	9.5%	99.9%	21,024	81.3%	98.9%		
2017	147,961	-1.4%	30,722	-4.7%	55.0%	22,248	4.7%	28,723	-10.9%	93.5%	22,248	5.8%	100.0%		
2018	150,761	1.9%	31,841	3.6%	54.0%	22,257	0.0%	31,841	10.9%	100.0%	21,415	80.4%	96.2%		
2019	145,875	-3.2%	30,748	-3.4%	54.2%	22,243	-0.1%	30,748	-3.4%	100.0%	21,919	76.0%	98.5%		
2020	143,253	-1.8%	30,737	0.0%	53.1%	21,138	-5.0%	30,238	-1.7%	98.4%	20,604	79.2%	97.5%		
2021	146,990	2.6%	31,387	2.1%	53.5%	21,188	0.2%	30,910	2.2%	98.5%	20,866	80.4%	98.5%		
2022	148,523	1.0%	31,591	0.6%	53.7%	22,127	4.4%	31,105	0.6%	98.5%	21,702	4.0%	78.1%		
2023	146,983	-1.0%	31,305	-0.9%	53.6%	21,967	-0.7%	30,821	-0.9%	98.5%	21,545	-0.7%	77.9%		
2024	146,874	-0.1%	31,312	0.0%	53.4%	21,845	-0.6%	30,831	0.0%	98.5%	21,513	-0.1%	98.1%		
2025	146,430	-0.3%	31,397	0.3%	53.2%	21,854	0.0%	30,915	0.3%	98.5%	21,522	0.0%	98.5%		
2026	146,170	-0.2%	31,411	0.0%	53.1%	21,812	-0.2%	30,928	0.0%	98.5%	21,481	-0.2%	98.5%		
2027	145,848	-0.2%	31,401	0.0%	53.0%	21,752	-0.3%	30,917	0.0%	98.5%	21,422	-0.3%	98.5%		
2028	145,820	0.0%	31,336	-0.2%	53.0%	21,654	-0.5%	30,853	-0.2%	98.5%	21,191	-1.1%	97.9%		
2029	145,174	-0.4%	31,337	0.0%	52.9%	21,598	-0.3%	30,853	0.0%	98.5%	21,270	0.4%	98.5%		
2030	144,764	-0.3%	31,269	-0.2%	52.8%	21,493	-0.5%	30,785	-0.2%	98.5%	21,023	-1.2%	97.8%		
2031	144,374	-0.3%	31,206	-0.2%	52.8%	21,391	-0.5%	30,721	-0.2%	98.4%	20,911	-0.5%	97.8%		
2032	144,179	-0.1%	31,075	-0.4%	52.8%	21,243	-0.7%	30,591	-0.4%	98.4%	20,802	-0.5%	97.9%		
2033	143,460	-0.5%	31,050	-0.1%	52.7%	21,167	-0.4%	30,565	-0.1%	98.4%	20,846	0.2%	98.5%		
2034	142,968	-0.3%	30,964	-0.3%	52.7%	21,050	-0.6%	30,479	-0.3%	98.4%	20,564	-1.3%	97.7%		
2035	142,443	-0.4%	30,870	-0.3%	52.7%	20,928	-0.6%	30,386	-0.3%	98.4%	20,440	-0.6%	97.7%		
2036	142,082	-0.3%	30,698	-0.6%	52.7%	20,753	-0.8%	30,214	-0.6%	98.4%	20,311	-0.6%	97.9%		
2037	141,301	-0.5%	30,663	-0.1%	52.6%	20,670	-0.4%	30,179	-0.1%	98.4%	20,355	0.2%	98.5%		
2038	140,670	-0.4%	30,546	-0.4%	52.6%	20,532	-0.7%	30,062	-0.4%	98.4%	20,039	-1.6%	97.6%		
2039	140,066	-0.4%	30,435	-0.4%	52.5%	20,397	-0.7%	29,951	-0.4%	98.4%	19,895	-0.7%	97.5%		
2040	139,694	-0.3%	30,256	-0.6%	52.6%	20,218	-0.9%	29,773	-0.6%	98.4%	19,754	-0.7%	97.7%		
Avg. Growth Rate															
2006-2020		-0.4%		-0.1%	55.7%		-0.4%		0.7%	97.2%		78.3%	98.3%		
2011-2020		-1.1%		-0.9%	55.0%		-1.4%		-0.6%	98.1%		77.8%	98.5%		
2021-2030		-0.2%		0.0%	53.2%		0.2%		0.0%	98.5%		78.2%	98.3%		
2031-2040		-0.4%		-0.3%	52.7%		-0.6%		-0.3%	98.4%		79.5%	97.9%		

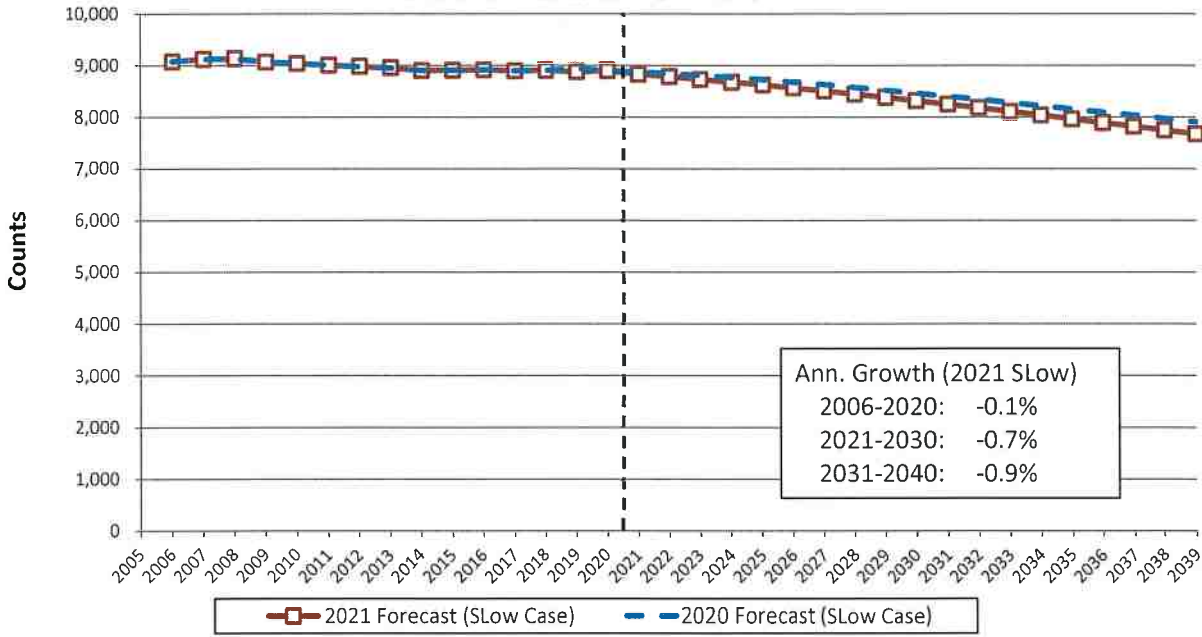
48

SMMPA 2021 Load Forecast - Fairmont Historical and Projected Net IMS Energy and CP Demand

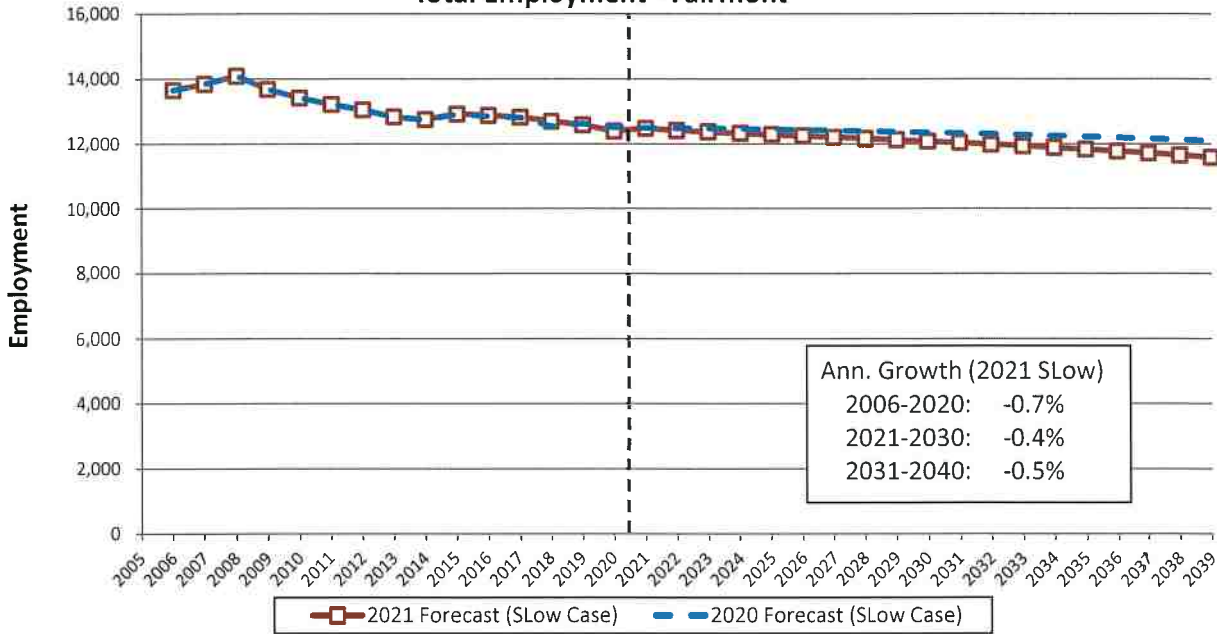


49

Household Counts - Fairmont

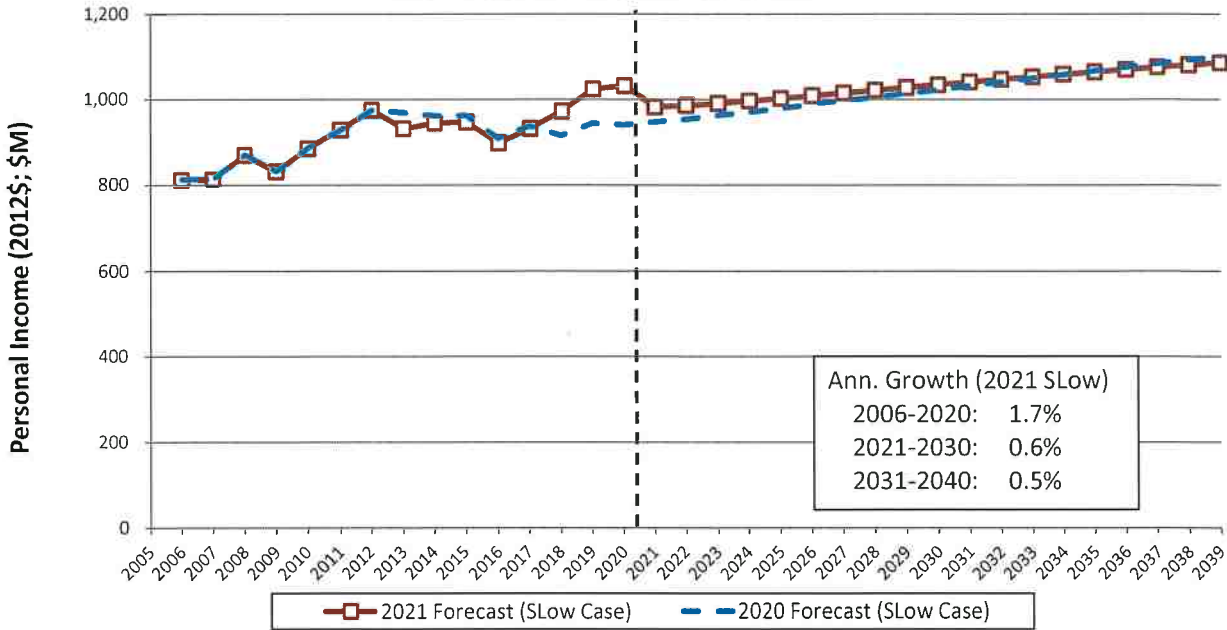


Total Employment - Fairmont

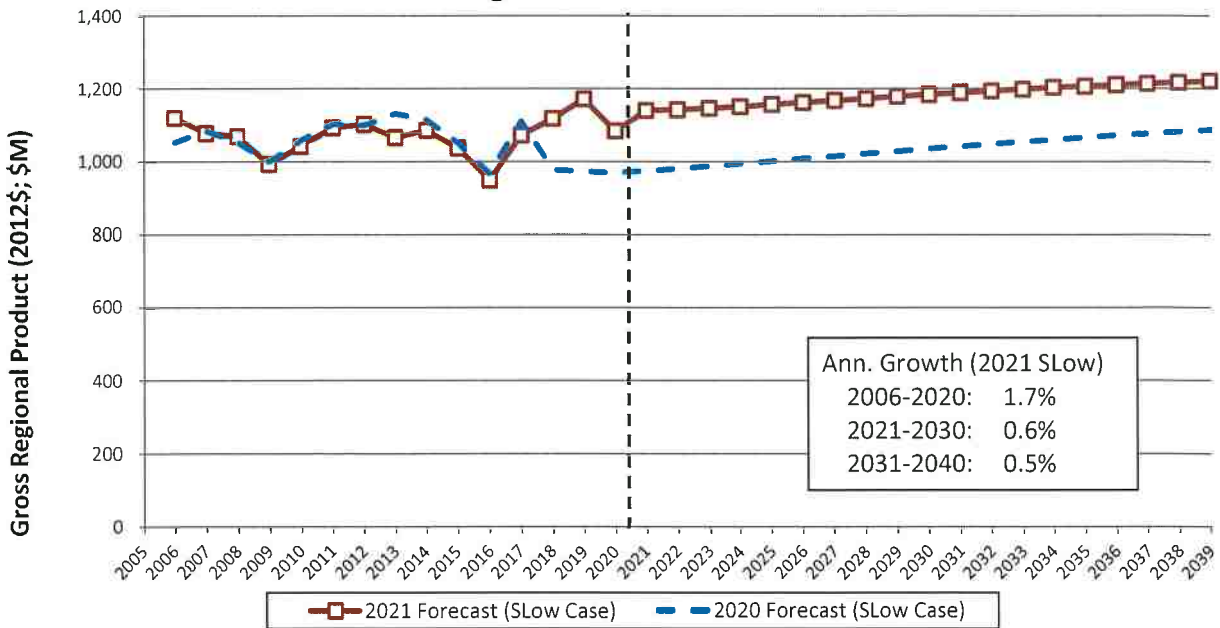


Note: Data reflects the county or counties in which the municipality provides service

Total Personal Income - Fairmont



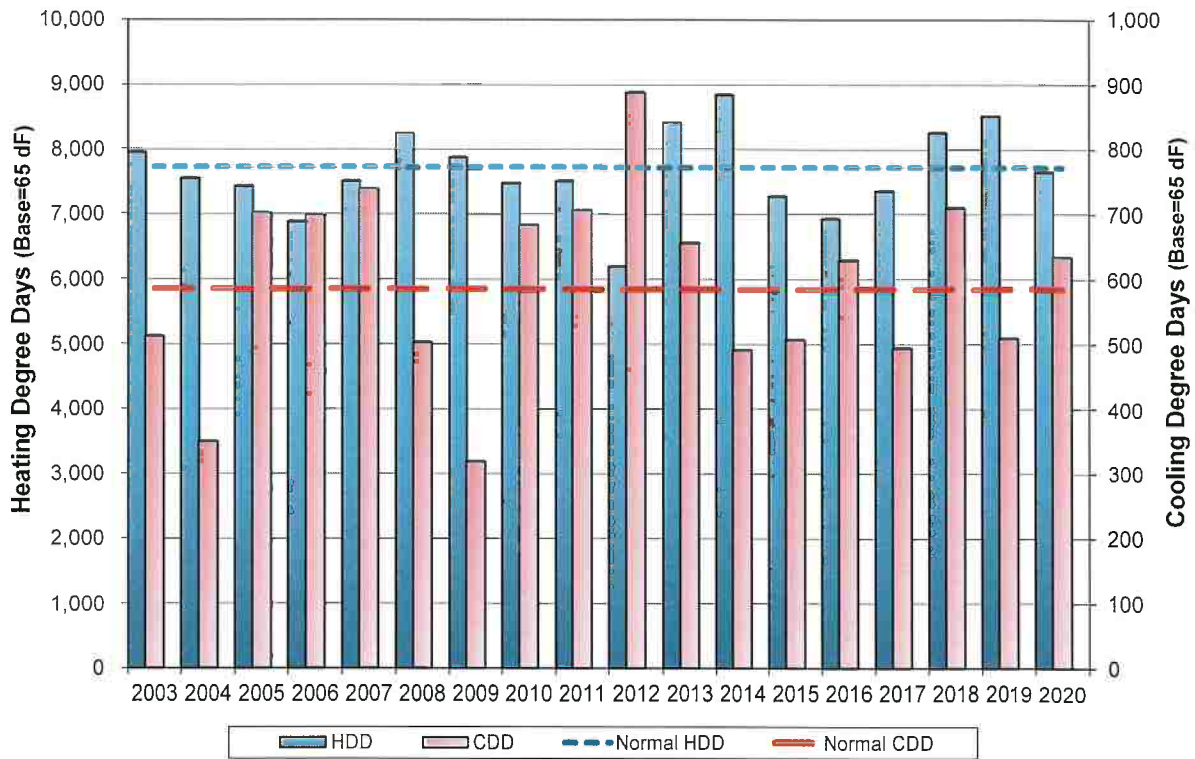
Gross Regional Product - Fairmont



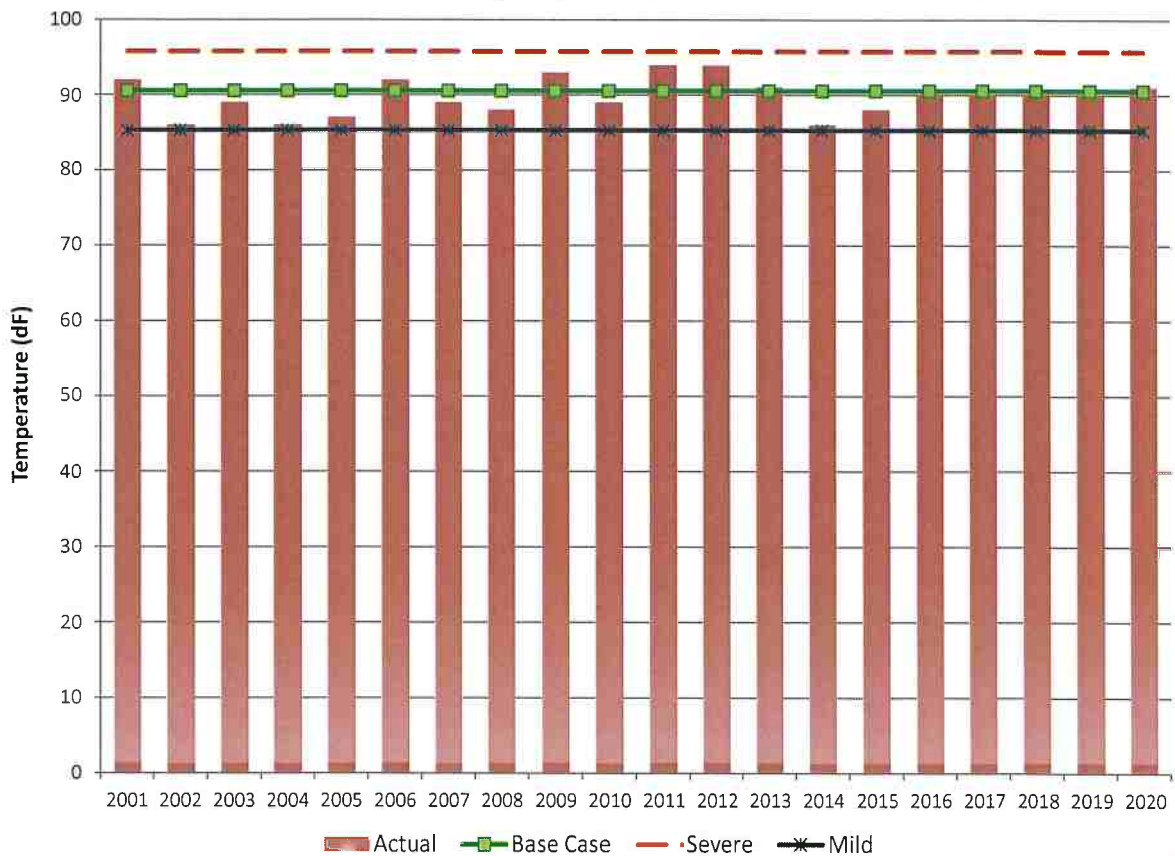
Note: Data reflects the county or counties in which the municipality provides service

51

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



SMMPA Summer Peak Day High Temperature – Rochester Airport



52

Fairmont Public Utilities Commission

Effect of Proposed Rate Increase

Residential Average: 700 kWh and 500 Cubic Feet Water

	Current Rate	Sample Proposed 2022	Percent Increase
ELECTRIC ECA: \$.006675 - NO CHANGE			
water per rate study			
sewer per rate study			
Electric-Energy	\$78.47	\$78.47	0.00%
Electric- Cust Chg	\$5.00	\$5.00	0.00%
Water	\$31.70	\$32.65	3.00%
Water- Cust Chg	\$20.38	\$24.45	19.97%
Sewer- 3/4" meter	\$23.56	\$25.02	6.20%
Infrastructure	\$18.35	\$19.23	4.80%
City Wide Clean Up	\$2.00	\$2.00	0.00%
Totals	\$179.46	\$186.82	
Total Increase \$\$		\$7.36	
Total Increase %		4.10%	

53

Fairmont Public Utilities Commission

Effect of Proposed Rate Increase

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

	Current Rate	Sample Proposed 2022	Percent Increase
ELECTRIC ECA: \$.006675 - NO CHANGE			
water per rate study			
sewer per rate study			
Electric-Energy	\$515.47	\$515.47	0.00%
Electric- Cust Chg	\$10.00	\$10.00	0.00%
Water	\$105.80	\$109.00	3.02%
Water- Cust Chg	\$38.88	\$46.66	20.01%
Sewer	\$94.05	\$98.06	4.26%
Infrastructure	\$18.35	\$19.23	4.82%
City Wide Clean Up	\$2.00	\$2.00	0.00%
Totals	\$784.55	\$800.42	
Total Increase \$\$		\$15.87	
Total Increase %		2.02%	

54

Fairmont Public Utilities - Budget 2022

Account Number	Account Description	YTD 2021	2021 BUDGET	2022 BUDGET
	REVENUE - WATER	SEPT		
601-37100-33130	Federal Grants & Aids	\$0	\$0	\$25,000
601-37100-33422	State Grants & Aids - Other	\$0	\$255,000	\$255,000
601-37100-36105	SA Principal	\$362	\$0	\$0
601-37100-36210	Interest Earnings	\$12,973	\$35,000	\$35,000
601-37100-37110	Unbilled Revenue	\$0	\$0	\$0
601-37100-37111	Residential Water Sales	\$1,957,698	\$2,524,819	\$2,722,108
601-37100-37112	Commercial Water Sales	\$832,562	\$884,082	\$1,149,455
601-37100-37113	Industrial Water Sales	\$347,975	\$512,253	\$480,362
601-37100-37115	Infrastructure Revenue	\$227,716	\$302,463	\$307,857
601-37100-37116	Municipal Hydrant Rental	\$22,059	\$34,353	\$34,353
601-37100-37119	Rental Income	\$0	\$0	\$0
601-37100-37120	Penalties	\$29,956	\$35,000	\$35,000
601-37100-37121	Cash Over	\$0	\$0	\$0
601-37100-37430	Customer Service - Labor	\$314	\$0	\$0
601-37100-37431	Customer Service - Material	\$814	\$0	\$0
601-37100-37433	Disposal of Fixed Assets	\$0	\$0	\$0
601-37100-37444	Misc Operating Revenues	\$35,710	\$50,000	\$50,000
601-37100-37445	Misc Non-Operating Revenues	\$1,488	\$0	\$0
601-39200-39202	Transfers In From Ent Funds	\$0	\$1,000,000	\$0
	TOTAL REVENUE - WATER	\$3,469,627	\$5,632,970	\$5,094,135

55

Fairmont Public Utilities - Budget 2022

Account Number	Account Description	YTD 2021	2021 BUDGET	2022 BUDGET
Water Plant Expense				
601-49400-10120	Full-time Employees - Regular	\$326,540	\$461,813	\$479,812
601-49400-10220	Full-time Employees - Overtime	\$57,847	\$67,117	\$69,573
601-49400-10320	Part-time Employees	\$0	\$0	\$0
601-49400-12120	PERA Contributions	\$28,539	\$39,670	\$41,204
601-49400-12220	FICA Contributions	\$22,430	\$32,794	\$34,062
601-49400-12500	Medicare	\$5,259	\$7,669	\$7,966
601-49400-13120	Health Insurance	\$78,349	\$106,109	\$106,443
601-49400-14220	Unemployment Insurance	\$0	\$0	\$0
601-49400-15100	Work Comp Insurance	\$22,226	\$23,979	\$24,917
601-49400-20120	Office Supplies & Accessories	\$1,058	\$1,500	\$1,500
601-49400-21200	Motor Fuels	\$1,244	\$1,500	\$1,500
601-49400-21620	Chemicals	\$185,046	\$235,000	\$250,688
601-49400-31200	Other Contracted Services	\$51,770	\$65,000	\$65,000
601-49400-31400	Laboratory Expense	\$13,175	\$12,000	\$12,000
601-49400-31500	State Fees & Permits	\$39,264	\$50,000	\$50,000
601-49400-32100	Telephone	\$2,327	\$2,750	\$2,750
601-49400-36215	Property Insurance	\$10,117	\$17,000	\$17,000
601-49400-38100	Electric Utilities	\$75,312	\$101,713	\$101,713
601-49400-38300	Gas Utilities	\$12,086	\$20,000	\$20,000
601-49400-38420	Refuse Disposal	\$11,551	\$5,500	\$5,500
601-49400-38600	Storm Sewer	\$1,003	\$1,400	\$1,400
601-49400-40200	Repairs & Maint - Structures	\$8,899	\$70,000	\$70,000
601-49400-40300	Improve Other Than Buildings	\$869,987	\$60,000	\$360,000
601-49400-40400	Repairs & Maint - Equipment	\$82,316	\$60,000	\$60,000
601-49400-40500	Repairs & Maint - Vehicles	\$3,939	\$5,000	\$5,000
601-49400-43900	Other Miscellaneous	\$4,996	\$5,000	\$5,000
601-49400-43905	Taxes Paid	\$1,516	\$2,000	\$2,000
	TOTAL WATER PLANT EXPENSE	\$1,916,796	\$1,454,514	\$1,795,028

56

Fairmont Public Utilities - Budget 2022

Account Number	Account Description	YTD 2021	2021 BUDGET	2022 BUDGET
Water Distribution Expense				
601-49430-10120	Full-time Employees - Regular	\$223,566	\$305,632	\$311,640
601-49430-10220	Full-time Employees - Overtime	\$13,118	\$10,587	\$20,352
601-49430-10320	Part-time Employees	\$6,185	\$5,520	\$5,520
601-49430-12120	PERA Contributions	\$17,751	\$23,716	\$24,899
601-49430-12220	FICA Contributions	\$13,899	\$19,948	\$20,926
601-49430-12500	Medicare	\$3,269	\$4,665	\$4,894
601-49430-13120	Health Insurance	\$54,144	\$73,147	\$73,087
601-49430-14220	Unemployment Insurance	\$0	\$0	\$0
601-49430-15100	Work Comp Insurance	\$14,393	\$15,050	\$15,098
601-49430-21200	Motor Fuels	\$5,582	\$5,000	\$5,000
601-49430-22300	Building Repair Supplies	\$0	\$1,000	\$1,000
601-49430-31200	Other Contracted Services	\$10,778	\$10,000	\$10,000
601-49430-36215	Property Insurance	\$3,296	\$6,000	\$6,000
601-49430-38100	Electric Utilities	\$16,551	\$24,249	\$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	\$143,407	\$100,000	\$100,000
601-49430-40300	Improve Other Than Buildings	\$755	\$4,500	\$4,500
601-49430-40400	Repairs & Maint - Equipment	\$9,933	\$10,000	\$10,000
601-49430-40500	Repairs & Maint - Vehicles	\$5,832	\$9,500	\$9,500
601-49430-43900	Other Miscellaneous	\$3,665	\$5,000	\$5,000
	Total Water Distribution Expense	\$546,520	\$634,064	\$652,763

57

Fairmont Public Utilities - Budget 2022

Account Number	Account Description	YTD 2021	2021 BUDGET	2022 BUDGET
Water Administration Expense				
601-49440-10120	Full-time Employees - Regular	\$50,206	\$69,352	\$73,772
601-49440-10220	Full-time Employees - Overtime	\$231	\$76	\$668
601-49440-10320	Part-time Employees	\$733	\$182	\$1,258
601-49440-12120	PERA Contributions	\$3,783	\$5,207	\$5,583
601-49440-12220	FICA Contributions	\$2,955	\$4,316	\$4,693
601-49440-12500	Medicare	\$692	\$1,009	\$1,098
601-49440-13120	Health Insurance	\$12,600	\$17,289	\$17,635
601-49440-14220	Unemployment Insurance	\$0	\$0	\$0
601-49440-15100	Work Comp Insurance	\$703	\$584	\$632
601-49440-20120	Office Supplies & Accessories	\$716	\$1,500	\$1,500
601-49440-20220	Computer Supplies / IT Support	\$15,336	\$17,400	\$17,400
601-49440-30500	Medical & Dental Fees	\$116	\$500	\$500
601-49440-31015	Consulting Fees	\$0	\$2,000	\$2,000
601-49440-31020	Other Professional Services	\$567	\$0	\$0
601-49440-31200	Other Contracted Services	\$14,896	\$27,000	\$27,000
601-49440-32100	Telephone	\$1,046	\$1,200	\$1,600
601-49440-32200	Postage	\$322	\$1,100	\$1,100
601-49440-33100	Travel & Training	\$172	\$800	\$800
601-49440-36900	Other General Insurance	\$20,151	\$15,000	\$20,700
601-49440-43700	Bank Charges	\$319	\$800	\$800
601-49440-43705	Uncollectible Accounts	\$3,042	\$6,000	\$6,000
601-49440-43800	Credit Card Fees	\$3,446	\$4,500	\$4,500
601-49440-43805	Interest Expense	\$0	\$0	\$0
601-49440-43900	Other Miscellaneous	\$0	\$1,500	\$1,500
	TOTAL ADMINISTRATION EXPENSE	\$132,033	\$177,315	\$190,739

58

Fairmont Public Utilities - Budget 2022

Account Number	Account Description	YTD 2021	2021 BUDGET	2022 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	\$1,513	\$4,000	\$4,000
601-49445-42004	Depreciation Expense	\$729,000	\$970,000	\$970,000
601-49445-43300	Dues & Subscriptions	\$0	\$1,000	\$1,000
601-49445-61100	Bond Interest	\$485,940	\$485,940	\$467,263
601-49445-62500	Bond Issuance Costs	\$0	\$0	\$0
	TOTAL MISCELLANEOUS EXPENSE	\$1,216,753	\$1,462,940	\$1,444,263
TRANSFERS TO OTHER FUNDS				
601-72000-72500	Transfers Out to Gov't Funds	\$112,070	\$149,427	\$155,104
601-72000-72502	Transfers Out to Ent Funds	\$0	\$0	\$0
	TOTAL TRANSFERS TO OTHER FUNDS	\$112,070	\$149,427	\$155,104
	TOTAL EXPENSE - WATER	\$3,924,173	\$3,878,260	\$4,237,897
	NET INCOME FROM OPERATIONS	(\$454,546)	\$1,754,710	\$856,238

59

Fairmont Public Utilities - Budget 2022

Account Number	Account Description	YTD 2021	2021 BUDGET	2022 BUDGET
	REVENUE - WASTEWATER	SEPT		
602-37100-33422	State Grants & Aids - Other	\$ -	\$ 179,000	\$179,000
602-37200-36105	SA Principal	\$ -	\$ -	\$ -
602-37200-36210	Interest Earnings	\$ 20,064	\$ 60,000	\$ 60,000
602-37200-37210	Unbilled Revenue	\$ -	\$ -	\$ -
602-37200-37211	Residential Wastewater Sales	\$ 859,112	\$ 1,133,721	\$ 1,288,356
602-37200-37212	Commercial Wastewater Sales	\$ 316,752	\$ 594,515	\$ 474,327
602-37200-37213	Industrial Wastewater Sales	\$ 130,186	\$ 162,941	\$ 195,275
602-37200-37214	Infrastructure Revenue	\$ 215,078	\$ 284,190	\$ 301,109
602-37200-37215	Debt Service Revenue	\$ 403,332	\$ 533,061	\$ 564,665
602-37200-37217	Rental Income	\$ -	\$ -	\$ -
602-37200-37218	Penalties	\$ 23,797	\$ 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	\$ 1,593	\$ -	\$ -
602-37200-37445	Misc Non-Operating Revenues	\$ -	\$ -	\$ -
602-37200-39200	Transfer In From Gov't Funds	\$ -	\$ 400,000	\$ 400,000
602-37200-39202	Transfer In From Ent Funds	\$ -	\$ -	\$ -
	TOTAL REVENUE - WASTEWATER	\$ 1,969,913	\$ 3,377,428	\$ 3,492,732

60

Fairmont Public Utilities - Budget 2022

Account Number	Account Description	YTD 2021	2021 BUDGET	2022 BUDGET
Wastewater Plant Expense				
602-49450-10120	Full-time Employees - Regular	\$ 210,570	\$ 295,824	\$ 301,061
602-49450-10220	Full-time Employees - Overtime	\$ 11,806	\$ 14,704	\$ 25,973
602-49450-10320	Part-time Employees	\$ -	\$ -	\$ -
602-49450-12120	PERA Contributions	\$ 16,429	\$ 23,290	\$ 24,528
602-49450-12220	FICA Contributions	\$ 12,708	\$ 19,253	\$ 20,276
602-49450-12500	Medicare	\$ 2,983	\$ 4,503	\$ 4,742
602-49450-13120	Health Insurance	\$ 54,326	\$ 75,125	\$ 75,125
602-49450-14220	Unemployment Insurance	\$ -	\$ -	\$ -
602-49450-15100	Work Comp Insurance	\$ 12,459	\$ 16,370	\$ 17,257
602-49450-20120	Office Supplies & Accessories	\$ 647	\$ 2,000	\$ 2,000
602-49450-21200	Motor Fuels	\$ 749	\$ 2,000	\$ 2,000
602-49450-21620	Chemicals	\$ 40,661	\$ 56,000	\$ 56,000
602-49450-31200	Other Contracted Services	\$ 25,340	\$ 30,000	\$ 30,000
602-49450-31400	Laboratory Expense	\$ 12,599	\$ 15,000	\$ 20,000
602-49450-31500	State Fees & Permits	\$ 6,782	\$ 9,500	\$ 9,500
602-49450-32100	Telephone	\$ 2,170	\$ 2,600	\$ 2,600
602-49450-36215	Property Insurance	\$ 8,417	\$ 16,000	\$ 16,000
602-49450-38100	Electric Utilities	\$ 74,392	\$ 102,445	\$ 102,445
602-49450-38200	Water	\$ 107,802	\$ 41,000	\$ 41,000
602-49450-38300	Gas Utilities	\$ 38,378	\$ 52,000	\$ 52,000
602-49450-38420	Refuse Disposal	\$ 17,999	\$ 23,000	\$ 23,000
602-49450-38600	Storm Sewer	\$ -	\$ -	\$ -
602-49450-40200	Repairs & Maint - Structures	\$ 1,145	\$ 7,500	\$ 7,500
602-49450-40300	Improve Other Than Buildings	\$ 1,136	\$ 2,000	\$ 2,000
602-49450-40400	Repairs & Maint - Equipment	\$ 54,747	\$ 75,000	\$ 75,000
602-49450-40500	Repairs & Maint - Vehicles	\$ 4,947	\$ 7,000	\$ 7,000
602-49450-43900	Other Miscellaneous	\$ 5,010	\$ 5,000	\$ 5,000
	TOTAL WASTEWATER PLANT EXPENSE	\$ 724,203	\$ 897,114	\$ 922,007

61

Fairmont Public Utilities - Budget 2022

Account Number	Account Description	YTD 2021	2021 BUDGET	2022 BUDGET
Wastewater Collection Expense				
602-49470-10120	Full-time Employees - Regular	\$ 98,261	\$ 138,162	\$ 137,553
602-49470-10220	Full-time Employees - Overtime	\$ 11,673	\$ 9,394	\$ 20,440
602-49470-10320	Part-time Employees	\$ 5,641	\$ 8,280	\$ 8,280
602-49470-12120	PERA Contributions	\$ 8,245	\$ 11,688	\$ 12,471
602-49470-12220	FICA Contributions	\$ 6,526	\$ 9,662	\$ 10,309
602-49470-12500	Medicare	\$ 1,537	\$ 2,260	\$ 2,411
602-49470-13110	OPEB	\$ -	\$ -	\$ -
602-49470-13120	Health Insurance	\$ 25,498	\$ 33,839	\$ 33,794
602-49470-14220	Unemployment Insurance	\$ -	\$ -	\$ -
602-49470-15100	Work Comp Insurance	\$ 6,262	\$ 8,223	\$ 8,810
602-49470-21200	Motor Fuels	\$ 5,694	\$ 8,000	\$ 8,000
602-49470-22300	Building Repair Supplies	\$ 8	\$ 1,000	\$ 1,000
602-49470-24000	Minor Equipment	\$ 6,433	\$ 5,000	\$ 5,000
602-49470-31200	Other Contracted Services	\$ 1,221	\$ 5,000	\$ 12,000
602-49470-36215	Property Insurance	\$ 2,199	\$ 4,000	\$ 4,000
602-49470-38100	Electric Utilities	\$ 27,712	\$ 50,000	\$ 50,000
602-49470-38200	Water	\$ 961	\$ 1,400	\$ 1,400
602-49470-38300	Gas Utilities	\$ 795	\$ 500	\$ 500
602-49470-40200	Repairs & Maint - Structures	\$ 70,976	\$ 50,000	\$ 50,000
602-49470-40400	Repairs & Maint - Equipment	\$ 22,245	\$ 25,000	\$ 25,000
602-49470-40500	Repairs & Maint - Vehicles	\$ 8,539	\$ 10,000	\$ 10,000
602-49470-43720	Right of Way Payments	\$ -	\$ -	\$ -
602-49470-43900	Other Miscellaneous	\$ 1,471	\$ 5,000	\$ 5,000
	TOTAL WASTEWATER COLLECTION EXPENSE	\$ 311,898	\$ 386,408	\$ 405,968

62

Fairmont Public Utilities - Budget 2022

Account Number	Account Description	YTD 2021	2021 BUDGET	2022 BUDGET
Wastewater Administration Expense				
602-49490-10120	Full-time Employees - Regular	\$ 32,994	\$ 45,576	\$ 59,439
602-49490-10220	Full-time Employees - Overtime	\$ 152	\$ 33	\$ 1,275
602-49490-10320	Part-time Employees	\$ 482	\$ 90	\$ 806
602-49490-12120	PERA Contributions	\$ 2,486	\$ 3,421	\$ 4,554
602-49490-12220	FICA Contributions	\$ 1,942	\$ 2,833	\$ 3,814
602-49490-12500	Medicare	\$ 455	\$ 663	\$ 892
602-49490-13120	Health Insurance	\$ 8,282	\$ 11,363	\$ 16,037
602-49490-14220	Unemployment Insurance	\$ -	\$ -	\$ -
602-49490-15100	Work Comp Insurance	\$ 463	\$ 384	\$ 501
602-49490-20120	Office Supplies & Accessories	\$ 414	\$ 1,000	\$ 1,000
602-49490-20220	Computer Supplies / IT Support	\$ 7,417	\$ 11,437	\$ 11,437
602-49490-30500	Medical & Dental Fees	\$ -	\$ -	\$ -
602-49490-31015	Consulting Fees	\$ -	\$ -	\$ -
602-49490-31020	Other Professional Services	\$ 159	\$ -	\$ -
602-49490-31200	Other Contracted Services	\$ 8,062	\$ 14,500	\$ 14,500
602-49490-32100	Telephone	\$ 387	\$ 500	\$ 550
602-49490-32200	Postage	\$ 212	\$ 600	\$ 600
602-49490-33100	Travel & Training	\$ 225	\$ 500	\$ 500
602-49490-36900	Other General Insurance	\$ 11,897	\$ 10,000	\$ 12,200
602-49490-43700	Bank Charges	\$ 210	\$ 300	\$ 300
602-49490-43705	Uncollectible Accounts	\$ 2,303	\$ 5,000	\$ 5,000
602-49490-43800	Credit Card Fees	\$ 2,265	\$ 3,000	\$ 3,000
602-49490-43805	Interest Expense	\$ -	\$ -	\$ -
602-49490-43900	Other Miscellaneous	\$ 64	\$ 1,000	\$ 1,000
	TOTAL WASTEWATER ADMIN EXPENSE	\$ 80,872	\$ 112,200	\$ 137,405
Wastewater Miscellaneous Expense				
602-49495-22805	Material Sold to Customers	\$ -	\$ -	\$ -
602-49495-30500	Medical & Dental Fees	\$ 619	\$ 500	\$ 500
602-49495-33100	Travel & Training	\$ 410	\$ 2,000	\$ 2,000
602-49495-42004	Depreciation Expense	\$ 479,000	\$ 650,000	\$ 650,000
602-49495-43300	Dues & Subscriptions	\$ -	\$ 250	\$ 250
602-49495-61100	Bond Interest	\$ 54,530	\$ 54,530	\$ 41,243
	TOTAL WASTEWATER MISC EXPENSE	\$ 534,558	\$ 707,280	\$ 693,993
TRANSFER TO OTHER FUNDS				
602-72000-72500	Transfers Out to Gov't Funds	\$ 73,663	\$ 98,217	\$ 99,431
602-72000-72502	Transfers Out to Ent Funds	\$ -	\$ -	\$ -
	TOTAL TRANSFER TO OTHER FUNDS	\$ 73,663	\$ 98,217	\$ 99,431
	TOTAL EXPENSE - WASTEWATER	\$ 1,725,194	\$ 2,201,219	\$ 2,258,804
	NET INCOME FROM OPERATIONS	\$ 244,719	\$ 1,176,209	\$ 1,233,928

63

Fairmont Public Utilities - Budget 2021

Account Number	Account Description	YTD 2021	2021 BUDGET	2022 BUDGET
PURCHASED POWER - EXPENSE				
604-49550-21815	Capacity Purchased- SMMPA	\$ 3,332,649	\$ 4,382,762	\$ 4,453,383
604-49550-21820	SMMPA Energy Purchased	\$ 5,305,214	\$ 7,004,354	\$ 7,154,943
604-49550-21825	SMMPA Curtailment/Load Factor	\$ 450	\$ 600	\$ 600
604-49550-21830	WAPA Energy Purchased	\$ 64,622	\$ 88,780	\$ 88,780
604-49550-36215	Property Insurance (Equipment)	\$ -	\$ 12,500	\$ 12,500
604-49550-40400	Repair & Maint - Equipment	\$ 771	\$ 25,000	\$ 25,000
	TOTAL PURCHASED POWER EXPENSE	\$ 8,703,705	\$ 11,513,996	\$ 11,735,206

64

Fairmont Public Utilities - Budget 2022

Account Number	Account Description	YTD 2021	2021 BUDGET	2022 BUDGET
ELECTRIC DISTRIBUTION EXPENSE				
604-49570-10120	Full-time Employees - Regular	\$ 586,910	\$ 769,828	\$ 769,828
604-49570-10220	Full-time Employees - Overtime	\$ 11,170	\$ 11,564	\$ 11,564
604-49570-10320	Part-time Employees	\$ -	\$ -	\$ -
604-49570-12120	PERA Contributions	\$ 44,398	\$ 58,604	\$ 58,604
604-49570-12220	FICA Contributions	\$ 34,466	\$ 48,446	\$ 48,446
604-49570-12500	Medicare	\$ 8,061	\$ 11,330	\$ 11,330
604-49570-13110	OPEB	\$ -	\$ -	\$ -
604-49570-13120	Health Insurance	\$ 110,158	\$ 146,293	\$ 146,293
604-49570-14220	Unemployment Insurance	\$ -	\$ -	\$ -
604-49570-15100	Work Comp Insurance	\$ 29,167	\$ 29,855	\$ 29,177
604-49570-20120	Office Supplies & Accessories	\$ 527	\$ 5,000	\$ 5,000
604-49570-21200	Motor Fuels	\$ 10,061	\$ 15,000	\$ 15,000
604-49570-22300	Building Repair Supplies	\$ 8,122	\$ 30,000	\$ 30,000
604-49570-22805	Material Sold to Customers	\$ -	\$ -	\$ -
604-49570-30500	Medical & Dental Fees	\$ 1,233	\$ 2,000	\$ 2,000
604-49570-31200	Other Contracted Services	\$ 17,253	\$ 30,000	\$ 30,000
604-49570-32100	Telephone	\$ 2,734	\$ 5,000	\$ 5,000
604-49570-33100	Travel & Training	\$ 4,525	\$ 10,000	\$ 10,000
604-49570-36215	Property Insurance	\$ 5,522	\$ 8,000	\$ 8,000
604-49570-38100	Electric Utilities	\$ 6,038	\$ 8,000	\$ 8,000
604-49570-38200	Water	\$ 1,301	\$ 1,400	\$ 1,400
604-49570-38300	Gas Utilities	\$ 6,283	\$ 11,000	\$ 11,000
604-49570-38420	Refuse Disposal	\$ 11,497	\$ 5,500	\$ 5,500
604-49570-38500	Sewer	\$ 500	\$ 500	\$ 500
604-49570-38600	Storm Sewer	\$ 890	\$ 1,200	\$ 1,200
604-49570-40100	Repairs & Maint - Buildings	\$ 1,194	\$ 7,000	\$ 7,000
604-49570-40200	Repairs & Maint - Structures	\$ 10,082	\$ 30,000	\$ 30,000
604-49570-40300	Improve Other Than Buildings	\$ 76,511	\$ 85,000	\$ 85,000
604-49570-40400	Repairs & Maint - Equipment	\$ 13,900	\$ 40,000	\$ 40,000
604-49570-40500	Repairs & Maint - Vehicles	\$ 24,584	\$ 33,000	\$ 33,000
604-49570-43720	Right of Way Payments	\$ 150	\$ 12,000	\$ 12,000
604-49570-43725	Obsolete Line Material	\$ -	\$ -	\$ -
604-49570-43760	Uniforms	\$ 16,754	\$ 18,000	\$ 18,000
604-49570-43900	Other Miscellaneous	\$ 6,375	\$ 2,500	\$ 2,500
604-49570-43905	Taxes Paid	\$ 2	\$ -	\$ -
	TOTAL DISTRIBUTION EXPENSE	\$ 1,050,367	\$ 1,436,020	\$ 1,435,342

65

Fairmont Public Utilities - Budget 2022

Account Number	Account Description	YTD 2021	2021 BUDGET	2022 BUDGET
ELECTRIC ADMINISTRATION EXPENSE				
604-49590-10120	Full-time Employees - Regular	\$ 227,564	\$ 314,343	\$ 324,500
604-49590-10220	Full-time Employees - Overtime	\$ 1,048	\$ 1,570	\$ 2,911
604-49590-10320	Part-time Employees	\$ 3,326	\$ 4,044	\$ 5,436
604-49590-12120	PERA Contributions	\$ 17,146	\$ 23,693	\$ 24,556
604-49590-12220	FICA Contributions	\$ 13,293	\$ 19,837	\$ 20,637
604-49590-12500	Medicare	\$ 3,138	\$ 4,639	\$ 4,826
604-49590-13120	Health Insurance	\$ 57,111	\$ 78,361	\$ 77,647
604-49590-14220	Unemployment Insurance	\$ -	\$ -	\$ -
604-49590-15100	Work Comp Insurance	\$ 3,190	\$ 2,677	\$ 2,781
604-49590-20120	Office Supplies & Accessories	\$ 2,715	\$ 4,000	\$ 4,000
604-49590-20220	Computer Supplies / IT Support	\$ 51,058	\$ 78,874	\$ 78,874
604-49590-30500	Medical & Dental Fees	\$ 75	\$ 2,000	\$ 2,000
604-49590-31015	Consulting Fees	\$ -	\$ -	\$ -
604-49590-31020	Other Professional Services	\$ 101,098	\$ -	\$ -
604-49590-31200	Other Contracted Services	\$ 55,497	\$ 98,000	\$ 98,000
604-49590-32100	Telephone	\$ 2,673	\$ 3,100	\$ 3,600
604-49590-32200	Postage	\$ 1,286	\$ 3,500	\$ 3,500
604-49590-33100	Travel & Training	\$ 1,034	\$ 1,000	\$ 1,000
604-49590-36900	Other General Insurance	\$ 13,922	\$ 12,000	\$ 14,250
604-49590-43700	Bank Charges	\$ 1,712	\$ 3,000	\$ 3,000
604-49590-43705	Uncollectible Accounts	\$ 7,936	\$ 10,000	\$ 10,000
604-49590-43800	Credit Card Fees	\$ 15,582	\$ 20,000	\$ 21,000
604-49590-43805	Interest Expense	\$ -	\$ -	\$ -
604-49590-43900	Other Miscellaneous	\$ 10	\$ 2,500	\$ 2,500
	TOTAL ADMINISTRATIVE EXPENSE	\$ 580,414	\$ 687,138	\$ 705,018

66

Fairmont Public Utilities - Budget 2022

Account Number	Account Description	YTD 2021	2021 BUDGET	2022 BUDGET
ELECTRIC MISCELLANEOUS EXPENSE				
604-49595-40400	Repairs & Maint - Equipment	\$ -	\$ -	\$ -
604-49595-42004	Depreciation Expense	\$ 360,387	\$ 453,221	\$ 485,000
604-49595-43300	Dues & Subscriptions	\$ 28,312	\$ 28,500	\$ 29,357
604-49595-43702	MN QBE Assessment	\$ -	\$ -	\$ -
604-49595-43901	Comm/Ind Lighting Rebate	\$ 34,184	\$ 75,000	\$ 75,000
604-49595-43902	Comm/Ind A/C Rebate	\$ -	\$ 5,000	\$ 5,000
604-49595-43903	Comm/Ind Motor Rebate	\$ -	\$ 2,000	\$ 2,000
604-49595-43904	Comm/Ind Custom Rebate	\$ -	\$ 2,000	\$ 2,000
604-49595-43906	Comm/Ind Air Source Heat Pump	\$ -	\$ 3,500	\$ 3,500
604-49595-43907	Comm Food Service Rebate	\$ 1,000	\$ 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	\$ 603	\$ 7,000	\$ 7,000
604-49595-43981	Res A/C Rebate	\$ 8,930	\$ 14,000	\$ 14,000
604-49595-43982	Res Air Source Heat Pump	\$ 4,098	\$ 2,000	\$ 7,303
604-49595-43983	Res Ground Source Heat Pump	\$ -	\$ 2,000	\$ 2,000
604-49595-43984	Res Room A/C Rebate	\$ 165	\$ 3,000	\$ 3,000
604-49595-43985	Res Refrigerator Rebate	\$ 1,315	\$ 3,000	\$ 3,000
604-49595-43986	Res Freezer Rebate	\$ 25	\$ 3,000	\$ 3,000
604-49595-43987	Res Washing Machine Rebate	\$ 480	\$ 2,000	\$ 2,000
604-49595-43988	Res Dishwasher Rebate	\$ 755	\$ 3,000	\$ 3,000
604-49595-43989	LED Fixtures/Ceiling Fan Rebate	\$ 2,713	\$ 8,000	\$ 8,000
604-49595-43990	Furnace Fan Motor Rebate	\$ 3,271	\$ 8,000	\$ 8,000
604-49595-43991	Marathon Water Heater Program	\$ -	\$ -	\$ -
604-49595-43992	Low Income Conservation Assist	\$ 4,710	\$ 8,000	\$ 8,000
604-49595-43993	Misc Conservation Assistance	\$ 9,336	\$ 11,000	\$ 11,000
604-49595-43994	Lamp & Ballast Recycling	\$ 3,132	\$ 15,000	\$ 15,000
604-49595-43995	Dehumidifier Rebate	\$ 543	\$ 1,000	\$ 1,000
604-49595-43996	Habitat for Humanity Rebates	\$ -	\$ 1,500	\$ 1,500
604-49595-43997	Central A/C Clean & Tune-Up Rebate	\$ 240	\$ 1,000	\$ 1,000
604-49595-43998	Smart Thermostat Rebate	\$ 10	\$ -	\$ -
	TOTAL MISCELLANEOUS EXPENSE	\$ 464,208	\$ 668,692	\$ 706,631
TRANSFER TO OTHER FUNDS				
604-72000-72500	Transfers Out to Gov't Funds	\$ 508,017	\$ 677,356	\$ 670,465
604-72000-72502	Transfers Out to Ent Funds	\$ -	\$ 1,000,000	\$ -
	TOTAL TRANSFERS TO OTHER FUNDS	\$ 508,017	\$ 1,677,356	\$ 670,465
	TOTAL EXPENSE - ELECTRIC	\$ 11,306,711	\$ 15,983,202	\$ 15,252,662
	NET INCOME FROM OPERATIONS	\$ 985,747	\$ (421,226)	\$ 1,929,158

(67)