

**CITY OF FAIRMONT
PUBLIC UTILITIES COMMISSION
AGENDA**

Tuesday, September 19, 2023

- 1 Call to Order
 - 7:30 AM City Hall Conference Room (Second Floor)

- 2 Roll Call
 - Chair Were
 - Vice-Chair Moltzen _____
 - Secretary Johnson _____
 - Commissioner Struss _____
 - Commissioner Christ _____

- 3 Public Discussion/Comments (Individual comments are limited to 3 minutes)

- 4 Approval of Minutes (2 - 3)
 - Regular Meeting, August 15, 2023

- 5 Financials & Productions Stats for August 2023 (4 - 12)

- 6 Approval of Disbursements for August 2023 (13 - 37)

- 7 Old Business

- 8 New Business
 - 8.1 - Approval of PO 14823 - 500 KVA 3 Phase Transformer (38 - 42)
 - 8.2 - Approval of PO 14843 - Heating System and Equipment (43 - 47)
 - 8.3 - Approval of DER 2023-0002 Dayna Johnson Solar Project (48 - 111)

- 9 Staff Updates
 - 9.1 - Water/Wastewater Departments
 - 9.2 - Line Departments

- 10 Date and Time of Next Meetings:
 - Work Session - Tuesday, October 3, 2023
 - Rregular Meeting - Tuesday, October 17, 2023

- 11 Adjournment



Fairmont Public Utilities Commission
September 19, 2023

Agenda Item: 4

From: Julie Zarling, Assistant Finance Director
To: Public Utilities Commission

Subject: PUC Minutes from Regular meeting on August 15, 2023

Policy/Action Requested:

Vote Required: X Simple Majority _____ Roll Call

Recommendation: Approval

Overview:

Budget Impact: N/A

Attachments: PUC Minutes Regular Meeting, August 15, 2023

PUC Action: _____ Date: _____

PUBLIC UTILITIES COMMISSION

REGULAR MEETING

Tuesday, August 15, 2023
7:30 AM
City Hall Conference Room
Meeting held in person

IN ATTENDANCE: Commissioners Werre, Moltzen, Johnson, Christ, and Struss

ALSO IN ATTENDANCE: Public Works/Utilities Director York, Electric Superintendent Heide, Water/Wastewater Superintendent Powers, Counselor Hasek, Assistant Finance Director Zarling

ABSENT:

Vice-Chair Moltzen called the meeting to order at 7:30 AM.

A motion was made by Mr. Christ and seconded by Mr. Struss and carried to approve the August 1, 2023, regular meeting minutes.

Assistant Finance Director Zarling presented the financial and capital expense report and production stats for July 2023. Discussion with no action taken.

Assistant Finance Director Zarling presented the disbursements for July 2023. Discussion was held. A motion made by Ms. Moltzen and seconded by Mr. Christ and carried to approve the July 2023 disbursements.

There was no Old Business.

New Business, item 7.1 Utility Service Policy Revision was presented by Assistant Finance Director Zarling. Staff is asking to revise #9 of the Utility Service Policy to be able to reconnect services for nonpayment up to 4:30pm instead of 3pm. A motion was made by Ms. Moltzen and seconded by Mr. Struss. Carried to approve the Utility Service Policy Revision.

Water and Wastewater Superintendent Powers gave a status report on the AMI Meter Issues. The staff is working on the most difficult meters to change. Allegiant will be in town on August 21st to start working exchanging approx. 650 meters. Postcards went out this week to customers who have not changed out their meters.

Electric Superintendent Heide gave status reports on burying lines in easements to reduce time and expenditures to repair during emergencies, the AMI meter report, and the latest outages we have had in the city.

There was no other business; it was moved by Commissioner Struss and seconded by Commissioner Johnson and approved to adjourn the meeting at 8:19 AM

ACTION ITEMS:

- 1) *Electric Department Net Income Loss Year to Date.*

Brian Johnson, Secretary



Fairmont Public Utilities Commission
September 19, 2023

Agenda Item: 5

From: Julie Zarling, Assistant Finance Director
To: Public Utilities Commission

Subject: Financial Report & Production Stats: August 2023

Policy/Action Requested:

Vote Required: ___ Simple Majority ___ Roll Call

Recommendation: Informational

Overview:

Financial Reports, Stats, and the Capital Expenditure Summary for August 2023 are included for review.

Budget Impact: N/A

Attachments: August Financial Report, Capital Expenditures Summary, & Production Statistics

PUC Action: _____ Date: _____

FAIRMONT PUBLIC UTILITIES COMMISSION
INCOME STATEMENT SUMMARY: 2023 & 2022

WATER DEPARTMENT	2023				2022			
	AUG	YTD	BUDGET	% BUDGET	AUG	YTD	BUDGET	% BUDGET
WATER DEPT REVENUE	\$521,854.34	\$3,905,207.71	\$5,609,556.00	69.62%	\$426,338.92	\$3,492,459.13	\$4,839,135.00	72.17%
WATER FILTRATION PLANT EXP.	\$169,024.42	\$1,204,010.99	\$1,986,653.00	60.60%	\$201,465.36	\$976,415.70	\$1,795,028.00	54.40%
WATER DISTRIB EXP.	\$77,617.83	\$453,066.21	\$802,707.00	56.44%	\$74,639.88	\$420,301.92	\$652,763.00	64.39%
WATER ADMIN EXP.	\$28,571.23	\$139,697.44	\$211,875.00	65.93%	\$14,945.90	\$121,068.52	\$190,739.00	63.47%
WATER MISC EXP.	\$324,519.61	\$1,183,918.84	\$1,477,042.00	80.15%	\$326,841.96	\$1,151,164.90	\$1,444,263.00	79.71%
TRANSFER OUT TO OTHER FUNDS	\$13,134.93	\$0.00	\$171,330.00	0.00%	\$13,134.93	\$105,079.44	\$157,619.00	66.67%
TOTAL WATER DEPT EXP.	\$612,868.02	\$2,980,693.48	\$4,649,607.00	64.11%	\$631,028.03	\$2,774,030.48	\$4,240,412.00	65.42%
WATER DEPT NET INCOME (LOSS)	(\$91,013.68)	\$924,514.23	\$959,949.00	96.31%	(\$204,689.11)	\$718,428.65	\$598,723.00	119.99%
WASTEWATER DEPARTMENT	2023				2022			
WASTEWATER DEPT REVENUE	\$266,545.23	\$2,334,555.84	\$3,434,521.00	67.97%	\$242,100.07	\$2,018,151.36	\$2,913,732.00	69.26%
WASTEWATER TREATMENT PLANT EXP.	\$125,252.39	\$749,818.53	\$1,194,880.00	62.75%	\$153,788.13	\$962,944.71	\$961,007.00	100.20%
WASTEWATER COLLECTION EXP.	\$48,678.21	\$255,300.69	\$476,573.00	53.57%	\$39,720.87	\$305,954.98	\$405,968.00	75.36%
WASTEWATER ADMIN EXP.	\$9,624.17	\$82,346.25	\$136,187.00	60.47%	\$9,561.86	\$87,937.90	\$137,405.00	64.00%
WASTEWATER MISC EXP.	\$75,186.18	\$518,894.71	\$690,482.00	75.15%	\$75,346.05	\$481,269.50	\$693,993.00	69.35%
TRANSFER OUT TO OTHER FUNDS	\$8,420.29	\$67,362.32	\$104,292.00	64.59%	\$8,420.29	\$67,362.30	\$101,044.00	66.67%
TOTAL WASTEWATER DEPT EXP.	\$267,161.24	\$1,673,722.50	\$2,602,414.00	64.31%	\$286,837.20	\$1,905,469.39	\$2,299,417.00	82.87%
WASTEWATER DEPT NET INCOME (LOSS)	(\$616.01)	\$660,833.34	\$832,107.00	79.42%	(\$44,737.13)	\$112,681.97	\$614,315.00	18.34%
ELECTRIC DEPARTMENT	2023				2022			
ELECTRIC DEPT REVENUE	\$1,607,861.40	\$10,854,262.47	\$17,082,910.00	63.54%	\$1,476,177.66	\$10,804,615.45	\$17,231,820.00	62.70%
PURCHASE POWER EXP.	\$1,293,220.36	\$8,677,396.32	\$12,869,582.00	67.43%	\$1,084,405.93	\$7,824,975.07	\$11,735,206.00	66.68%
ELECTRIC DISTRIB EXP.	\$159,533.09	\$1,008,509.54	\$1,752,138.00	57.56%	\$167,126.54	\$1,071,173.46	\$1,627,711.00	65.81%
ELECTRIC ADMIN EXP.	\$55,178.17	\$438,113.25	\$719,070.00	60.93%	\$64,090.04	\$396,652.38	\$705,018.00	56.26%
ELECTRIC DEPT MISC EXP.	\$49,877.22	\$370,722.93	\$687,039.00	53.96%	\$46,371.70	\$413,041.08	\$706,631.00	58.45%
TRANSFER OUT TO OTHER FUNDS	\$56,778.11	\$454,224.94	\$664,378.00	68.37%	\$56,778.12	\$454,224.95	\$681,337.00	66.67%
TOTAL ELECTRIC DEPT EXP.	\$1,614,586.95	\$10,948,966.98	\$16,692,207.00	65.59%	\$1,418,772.33	\$10,160,066.94	\$15,455,903.00	65.74%
ELECTRIC DEPT NET INCOME (LOSS)	(\$6,725.55)	(\$94,704.51)	\$390,703.00	-24.24%	\$57,405.33	\$644,548.51	\$1,775,917.00	36.29%

FAIRMONT PUBLIC UTILITIES - 2023 CAPITAL EXPENDITURES SUMMARY

Acct #	Electric Department	Bud Amt	YTD Exp	Budget Bal
604-00000-16300	New transformers	\$125,000	\$96,356.00	\$28,644.00
604-00000-16300	Underground conductors	\$100,000	\$19,823.72	\$80,176.28
604-00000-16300	Replace high voltage switches	\$120,000		\$120,000.00
604-00000-16300	Downtown lighting/bollard/sign replacement	\$100,000		\$100,000.00
604-00000-16400	Skid loader EZ spotter attachment & trailer	\$40,000	\$19,367.71	\$20,632.29
604-00000-16500	10th Street sub design	\$60,000	\$27,071.65	\$32,928.35
604-00000-16500	10th Street Sub relay replacement	\$275,000	\$4,350.00	\$270,650.00
604-00000-16500	10th Street Sub distr. breaker replacement (SMMPA)	\$640,000		\$640,000.00
604-00000-16500	Replace Power Plant transformer (w/SMMPA)	\$352,500	\$14,437.06	\$338,062.94
604-00000-16500	New west substation	\$632,850	\$3,073.00	\$629,777.00
604-00000-16400	Radio replacement	\$12,500		\$12,500.00
604-00000-16400	Replace wood chipper	\$55,000	\$45,687.79	\$9,312.21
604-49590-31020	Rate study update	\$30,000		\$30,000.00
604-00000-16500	Street improvement projects	\$40,000		\$40,000.00
	Contingency	\$20,000		\$20,000.00
	TOTAL CAPITAL EXPENDITURES	\$2,602,850	\$230,166.93	\$2,372,683.07

Acct #	Water Department	Bud Amt	YTD Exp	Budget Bal
601-00000-16500	Ground storage tank study/replacement (Industrial Tank)	\$40,000	\$1,914.00	\$38,086.00
601-00000-16400	Broom for skid Loader	\$6,000		\$6,000.00
601-00000-16400	Purchase Enclosed Job Trailer	\$10,000	\$9,657.49	\$342.51
601-00000-16400	Tilt bed trailer	\$9,500	\$10,221.60	(\$721.60)
601-00000-16440	Replace truck 3/4 ton	\$55,000		\$55,000.00
601-00000-16440	Purchase used Dump truck - Double Axel	\$75,000		\$75,000.00
601-00000-16200	Lime press equipment replacement	\$18,000		\$18,000.00
601-00000-16300	Lead service line replacments	\$25,000		\$25,000.00
	Miscellaneous capital items (<\$5,000 ea.)	\$5,000		\$5,000.00
601-00000-16400	Radio Replacement	\$12,500		\$12,500.00
	Contingency	\$20,000		\$20,000.00
601-00000-16500	2023 Improvement Project	\$225,000		\$225,000.00
	TOTAL CAPITAL EXPENDITURES	\$501,000	\$21,793.09	\$479,206.91

Acct #	Wastewater Department	Bud Amt	YTD Exp	Budget Bal
602-00000-16500	Lift Station rehab/repair/monitoring	\$150,000	\$84,445.80	\$65,554.20
602-00000-16500	Lift Station Panel Updates	\$100,000	\$59,575.00	\$40,425.00
602-00000-16500	Contract jetting of large diameter mains	\$15,000		\$15,000.00
602-00000-16400	Radio Replacement	\$7,500		\$7,500.00
602-00000-16500	Diffuser Replacement / Aeration Basin Cleaning	\$175,000		\$175,000.00
602-00000-16500	Digester Improvements	\$500,000	\$47,139.23	\$452,860.77
602-00000-16500	UV/Solids handling upgrade project	\$4,000,000	\$8,170.00	\$3,991,830.00
602-00000-16200	Grit Pump Replacement x 2	\$30,000		\$30,000.00
602-00000-16400	Vactor replacment	\$550,000	\$509,652.55	\$40,347.45
602-00000-16200	RAS/Scum Pump Replacements	\$40,000		\$40,000.00
	Contingency	\$20,000	\$6,030.94	\$13,969.06
	Misc Capital items	\$5,000		\$5,000.00
602-00000-16500	2023 Improvement Project	\$200,000		\$200,000.00
	TOTAL CAPITAL EXPENDITURES	\$5,792,500	\$715,013.52	\$5,077,486.48

Γ PUBLIC UTILITIES - 2023 CAPITAL EXPENDITURES :

Acct #	Department	2021			2022			2023			Total Project		
		Bud Amt	YTD Exp	Budget Bal	Bud Amt	YTD Exp	Budget Bal	Bud Amt	YTD Exp	Budget Bal	Budgeted	Expense	Budget Bal
604-00000-16500	Electric Department AMI	1,100,000.00	1,375,009.00	(275,009.00)	300,000.00	682,312.59	(382,312.59)	0.00	21,208.58	(21,208.58)	1,400,000.00	2,078,530.17	(678,530.17)
604-00000-16440	Replace vehicles				35,000.00	0.00	35,000.00	0.00	39,291.44	(39,291.44)	35,000.00	39,291.44	(4,291.44)
604-00000-16300	New transformers				85,000.00	68,870.71	16,129.29		30,330.00	(30,330.00)	85,000.00	99,200.71	(14,200.71)
604-00000-16300	Underground Conductors				85,000.00	0.00	85,000.00	0.00	73,165.06	(73,165.06)	85,000.00	73,165.06	11,834.94
Acct #	Water Department	Bud Amt	YTD Exp	Budget Bal	Bud Amt	YTD Exp	Budget Bal	Bud Amt	YTD Exp	Budget Bal	Budgeted	Expense	Budget Bal
601-00000-16500	AMI	1,000,000.00	4,117.00	995,883.00	600,000.00	699,632.91	(99,632.91)	0.00	377,512.52	(377,512.52)	1,600,000.00	1,081,262.43	518,737.57
Acct #	Wastewater Department	Bud Amt	YTD Exp	Budget Bal	Bud Amt	YTD Exp	Budget Bal	Bud Amt	YTD Exp	Budget Bal	Budgeted	Expense	Budget Bal
602-00000-16200	Bar Screen replacement				750,000.00	46,225.00	703,775.00	0.00	48,580.00	(48,580.00)	750,000.00	94,805.00	655,195.00
602-00000-16440	Replace Truck				55,000.00	51,031.35	3,968.65	0.00	1,577.99	(1,577.99)	55,000.00	52,609.34	2,390.66

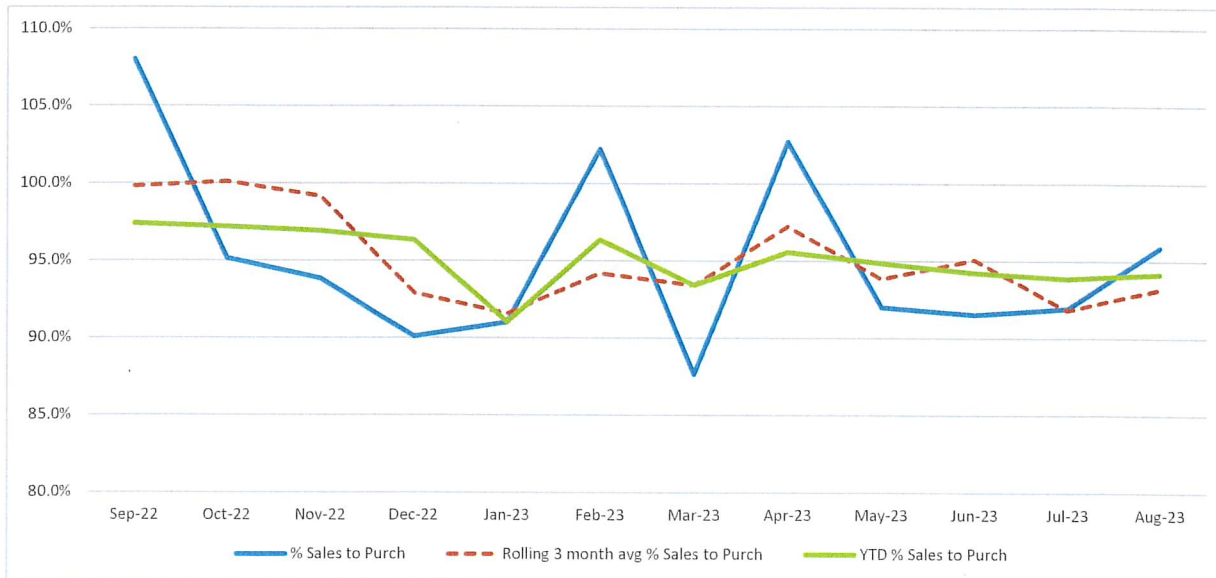
FAIRMONT PUBLIC UTILITIES

ELECTRIC DEPT STATISTICAL COMPARISON - AUGUST

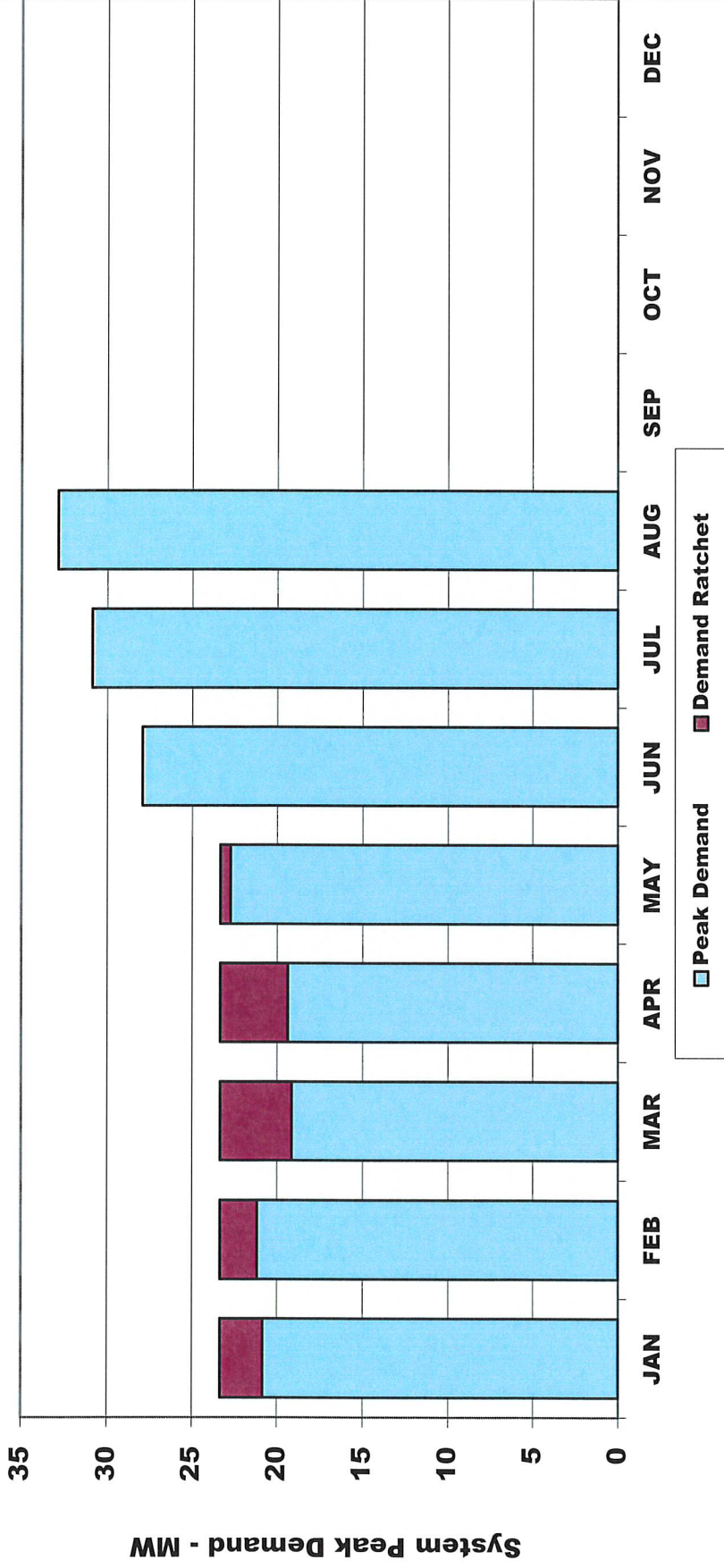
ACCOUNT #	DESCRIPTION	AUG KWH 2023	AUG KWH 2022	AUG REVENUE 2023	AUG REVENUE 2022
604-37400-37411	Residential Light Sales	3,199,641	3,113,120	\$355,286.22	\$346,503.26
604-37400-37412	Residential Heat Sales	846,902	837,725	\$88,034.52	\$87,112.90
604-37400-37413	Commercial Service Sales	1,991,270	1,946,138	\$213,406.15	\$207,925.88
604-37400-37414	Seasonal Commercial Heat Sales	34,112	33,786	\$3,543.51	\$3,525.00
604-37400-37415	General Service Sales	1,526,953	1,575,903	\$139,391.47	\$153,647.12
604-37400-37416	Industrial Sales	5,271,497	4,945,759	\$466,750.72	\$441,265.37
604-37400-37417	All Electric Sales	721,614	754,187	\$62,093.36	\$51,848.04
604-37400-37418	Rural Electric Sales	316,992	304,171	\$34,634.19	\$33,867.00
604-37400-37420	Filter Plant Power	127,196	129,200	\$8,458.53	\$8,591.80
604-37400-37421	WW Treatment Plant Power	125,120	119,016	\$8,320.48	\$7,914.56
604-37400-37423	Municipal Street Lighting	35,504	37,013	\$2,662.82	\$2,775.99
604-37400-37422	EV Charging Stations		0	\$348.03	\$0.00
604-37400-37426	Security & Street Lighting	3,309	3,472	\$879.98	\$879.98
604-37400-37419	Energy Cost Adjustment			\$192,745.65	\$91,451.63
TOTAL SALES		14,200,110	13,799,490	\$ 1,576,555.63	\$ 1,437,308.53

ELECTRIC PURCHASES	2023	2022
TIE LINE - SMMPA 69 KV (BILLED)	14,553,912	13,913,198
TIE LINE - WAPA 69 KV (BILLED)	261,000	261,000
TOTAL PURCHASES (69 KV)	14,814,912	14,174,198

SALES TO PURCHASES DIFFERENTIAL **614,802** **374,708** **95.85%** **97.36%**



City of Fairmont Demand Ratchet Costs - 2023



TOTAL RATCHET COSTS **\$147,595**

2022 ESTIMATED RATCHET COST = \$

JAN - MAY: RATCHET BASED ON SYSTEM PEAK OF 31,550 SET ON JUNE 20, 2022

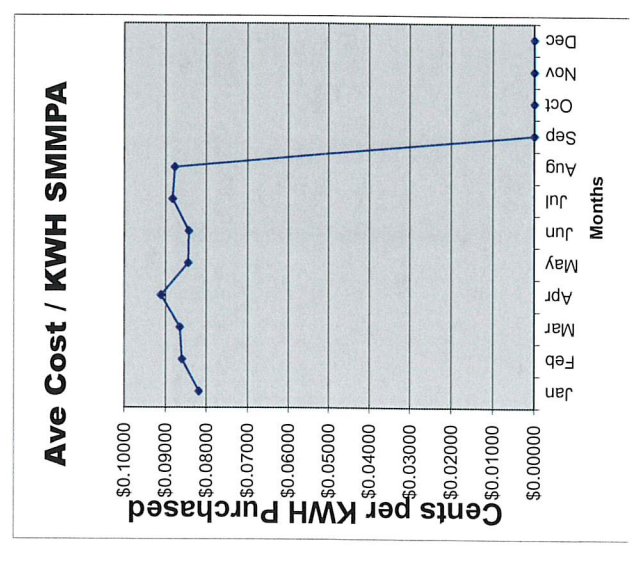
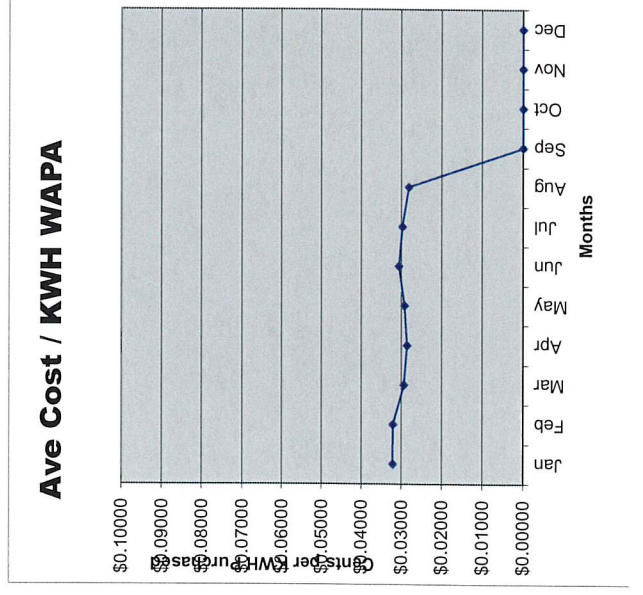
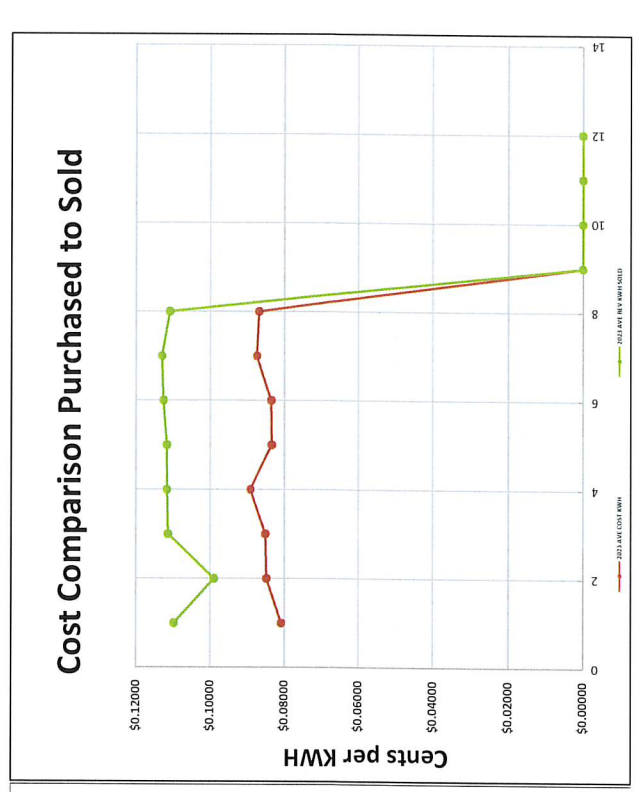
JUN - SEP: ANNUAL PEAK MEASUREMENT PERIOD.

OCT-DEC: RATCHET BASED ON SYSTEM PEAK SET SUMMER OF 2023. (TBD)

Ratchet is 74% of peak demand.

**FAIRMONT PUBLIC UTILITIES - COMPARISON OF PURCHASE POWER TO SALES
FOR YEAR 2023**

	SMMPA						WAPA				AVERAGE COST/KWH	TOTAL PURCHASED POWER COST	2023 AVE COST/KWH	TOTAL KWH SOLD TO CUSTOMERS	TOTAL REVENUE	2023 AVE REV/KWH SOLD	
	ACTUAL DEMAND	BILLED DEMAND	KWH	DEMAND \$\$	ENERGY \$\$	ECA \$\$	WHEELING	TOTAL BILL	AVERAGE COST/KWH	BILLED DEMAND							KWH
JAN	20,824	23,347	12,437,047	\$342,096.65	\$686,994.76	(\$9,190.98)	\$0.00	\$1,019,900.43	\$0.08201	784	286,000	\$9,228.02	\$0.03227	12,723,047	11,579,465	\$1,271,841.93	\$0.10984
FEB	21,152	23,347	11,199,640	\$342,096.65	\$622,709.19	(\$370.53)	\$0.00	\$964,435.31	\$0.08611	785	287,000	\$9,249.49	\$0.03223	11,486,640	11,739,548	\$1,161,857.44	\$0.09897
MAR	19,143	23,347	11,910,192	\$342,096.65	\$664,642.89	\$25,311.19	\$0.00	\$1,032,050.73	\$0.08665	782	342,000	\$10,070.74	\$0.02945	12,252,192	10,739,782	\$1,196,471.83	\$0.11141
APR	19,386	23,347	10,578,492	\$342,096.65	\$584,718.06	\$37,970.30	\$0.00	\$964,785.01	\$0.09120	774	358,000	\$10,265.46	\$0.02867	10,936,492	11,231,200	\$1,254,912.36	\$0.11173
MAY	22,749	23,347	11,401,223	\$342,096.65	\$637,826.44	(\$15,084.93)	\$0.00	\$964,838.16	\$0.08463	569	252,000	\$7,375.84	\$0.02927	11,652,223	10,721,443	\$1,198,413.08	\$0.11178
JUN	27,917	27,917	13,258,901	\$392,138.15	\$748,737.90	(\$21,194.87)	\$0.00	\$1,119,681.18	\$0.08445	578	232,000	\$7,126.24	\$0.03072	13,490,901	12,346,456	\$1,390,866.19	\$0.11265
JUL	30,899	30,899	13,729,925	\$424,791.05	\$761,802.80	\$27,167.49	\$0.00	\$1,213,761.34	\$0.08840	578	246,000	\$7,340.02	\$0.02984	13,975,925	12,845,450	\$1,452,945.23	\$0.11311
AUG	32,856	32,856	14,553,912	\$446,220.20	\$822,081.28	\$10,379.82	\$0.00	\$1,278,681.30	\$0.08786	546	261,000	\$7,370.67	\$0.02824	14,814,912	14,200,110	\$1,576,555.63	\$0.11102
SEP							\$0.00	\$0.00	#DIV/0!				#DIV/0!	0			#DIV/0!
OCT							\$0.00	\$0.00	#DIV/0!				#DIV/0!	0			#DIV/0!
NOV							\$0.00	\$0.00	#DIV/0!				#DIV/0!	0			#DIV/0!
DEC							\$0.00	\$0.00	#DIV/0!				#DIV/0!	0			#DIV/0!
TOT			99,069,332	\$2,973,632.65	\$5,529,513.32	\$54,987.49	\$0.00	\$8,558,133.46	\$0.08639	5,396	2,264,000	\$68,026.48	\$0.03005	101,333,332	95,403,454	\$10,503,863.69	\$0.1101
																	\$0.0851
																	\$0.0904
																	\$0.0197



PUBLIC UTILITIES COMMISSION WATER DEPARTMENT STATISTICS FOR 2023

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
FINISHED WATER	39,233,440	37,325,340	42,806,080	41,269,040	44,772,720	44,772,330	51,540,170	48,921,440				
RAW WATER	40,567,070	38,706,120	44,908,580	42,880,790	46,073,990	46,197,160	53,239,330	50,983,180				
LESS HOUSE WATER/Sanitary Disc	2,018,144	1,700,032	2,062,800	1,961,968	691,952	1,390,630	1,390,630	1,370,820				
LESS DOMESTIC WATER	19,800	21,000	39,700	24,900	32,200	34,200	14,000					
NET FINISHED WATER	38,529,126	36,985,088	42,806,080	40,893,922	45,349,838	44,772,330	51,834,700	49,612,360	0	0	0	0
RESIDENTIAL SALES	14,671,065	12,055,704	11,825,895	13,977,976	13,508,926	15,651,870	16,149,640	15,887,685				
COMMERCIAL SALES	5,599,143	7,383,305	6,391,730	9,206,919	6,782,059	9,378,764	10,122,211	10,743,450				
INDUSTRIAL SALES	13,607,030	10,300,649	13,330,251	14,168,067	15,694,089	11,677,061	12,806,616	13,255,446				
TOTAL WATER SALES	33,877,238	29,739,658	31,547,876	37,352,962	35,985,074	36,707,695	39,078,467	39,886,581	0	0	0	0
ACCOUNTED LOSS	1,750,000	2,500,000	1,989,300	4,227,400	742,200	519,400	157,900	103,300				
UNACCOUNTED LOSS	2,901,888	4,745,430	9,266,904	(686,440)	8,622,564	7,545,235	12,598,333	9,622,479				
% OF NET FINISHED WATER	7.53%	12.71%	21.65%	-1.66%	19.25%	16.85%	24.44%	19.67%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
PEAK DAY VOL	1,696,100	1,460,100	1,571,700	1,636,380	1,954,100	1,831,700	1,974,700	1,947,900				
PEAK DATE	01/19/23	02/26/23	03/14/23	04/15/23	05/27/23	06/14/23	07/28/23	08/05/23				
AVERAGE DAY VOL	1,265,600	1,333,000	1,402,000	1,375,630	1,444,600	1,493,600	1,662,600	1,578,100				
RESIDENTIAL SALES \$\$	\$269,668.33	\$248,613.97	\$246,004.92	\$264,521.14	\$259,540.62	\$279,260.08	\$282,541.26	\$279,141.08				
COMMERCIAL SALES \$\$	\$76,216.03	\$90,600.47	\$82,774.61	\$105,610.69	\$86,068.58	\$82,994.26	\$103,307.52	\$117,350.78				
INDUSTRIAL SALES \$\$	\$88,217.00	\$64,791.00	\$86,256.00	\$92,192.00	\$103,004.00	\$74,543.00	\$82,546.00	\$85,726.00				
TOTAL SALES \$\$\$	\$434,101.36	\$404,005.44	\$415,035.53	\$462,323.83	\$448,613.20	\$436,797.34	\$468,394.78	\$482,217.86	\$0.00	\$0.00	\$0.00	\$0.00

WATER DEPARTMENT TOTALS YEAR TO DATE

	2023	2022	
FINISHED WATER	350,650,560	328,883,081	GAL
RAW WATER	363,556,220	337,825,067	GAL
- HOUSE WATER	12,586,976	15,223,008	GAL
- DOMESTIC WATER	185,800	128,500	GAL
NET FINISHED WATER	350,783,444	322,473,559	GAL
RESIDENTIAL SALES	113,728,761	110,921,385	GAL
COMMERCIAL SALES	65,607,581	74,044,009	GAL
INDUSTRIAL SALES	104,839,209	96,199,233	GAL
TOTAL WATER SALES	284,175,551	281,164,627	GAL
ACCOUNTED LOSSES	11,989,500	9,292,950	GAL
UNACCOUNTED LOSSES	54,618,393	32,015,982	GAL
% OF NET FINISHED WATER	15.57%	9.93%	
YTD RESIDENTIAL SALES \$\$	\$2,129,291.40	\$1,862,112.60	
YTD COMMERCIAL SALES \$\$	\$744,922.94	\$760,579.34	
YTD INDUSTRIAL SALES \$\$	\$677,275.00	\$560,334.10	
YTD WATER SALES TOTAL \$:	\$3,551,489.34	\$3,183,026.04	
REVENUE PER GALLON SOL	\$0.012498	\$0.011321	
2022/2021	1.10394	1.10832	

PUBLIC UTILITIES COMMISSION WASTEWATER DEPARTMENT STATISTICS FOR THE YEAR 2023

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TOTAL FLOW	35,810,000	36,230,000	54,780,000	62,430,000	67,540,000	48,390,000	44,880,000	47,620,000				
DAILY FLOW	1,160,000	1,290,000	1,770,000	2,080,000	2,180,000	1,610,000	1,450,000	1,540,000				
MAXIMUM FLOW	1,660,000	1,890,000	2,410,000	2,580,000	4,580,000	1,840,000	1,830,000	2,530,000				
MINIMUM FLOW	1,020,000	1,090,000	1,400,000	1,760,000	1,610,000	1,340,000	1,300,000	1,240,000				
I & I % OF TOTAL FLOW	22.45%	25.06%	52.99%	52.68%	59.40%	36.35%	24.57%	24.14%				
INFLUENT AVERAGE:												
LBS / DAY BOD	2,738	3,179	4,116	3,407	3,406	3,812	4,456	3,201				
LBS / DAY TSS	3,565	5,792	7,730	5,575	7,267	7,078	7,906	7,210				
EFFLUENT BOD:												
AVERAGE BOD	2.3	2.5	2.3	2.2	2.4	2.0	2.2	2.5				
MAXIMUM BOD	5.5	3.5	5.2	5.0	4.2	3.7	6.4	6.0				
MINIMUM BOD	1.2	1.8	1.2	1.4	1.2	1.5	1.0	0.8				
EFFLUENT TSS:												
AVERAGE TSS	14	10	10	6	50	4	9	8				
MAXIMUM TSS	33	49	49	24	753	12	12	27				
MINIMUM TSS	8	5	2	3	2	2	2	3				
# OF DAYS OVER PERMIT LIMITS	0	0	0	0	2	0	0	0				
ELECTRIC USE - KWH	102,254	99,222	88,984	111,430	114,700	119,130	126,864	125,120				
ELECTRIC USE - COST	\$8,199.24	\$6,598.26	\$5,917.44	\$7,410.10	\$7,627.55	\$7,922.15	\$8,436.46	\$8,320.48				
REVENUE:												
RESIDENTIAL	\$112,585.73	\$105,525.23	\$104,586.79	\$111,066.98	\$109,529.41	\$113,337.20	\$101,448.05	\$102,094.17				
COMMERCIAL	\$28,660.12	\$33,244.37	\$32,136.89	\$50,904.43	\$32,463.04	\$38,543.05	\$36,918.37	\$42,478.05				
INDUSTRIAL	\$36,053.20	\$44,143.03	\$57,942.48	\$42,008.62	\$33,686.85	\$24,601.82	\$26,645.55	\$43,471.08				
TOTAL REVENUE	\$177,299.05	\$182,912.63	\$194,666.16	\$203,980.03	\$175,679.30	\$176,482.07	\$165,011.97	\$188,043.30	\$0.00	\$0.00	\$0.00	\$0.00

WASTEWATER DEPARTMENT TOTALS YEAR TO DATE

	YEAR	
	2023	2022
TOTAL FLOW TO PLANT, GALLONS	397,680,000	324,280,000
I & I % OF TOTAL FLOW	25.06%	13.35%
DAYS EXCEEDING PERMIT LIMITS	2	0
TOTAL ELECTRIC - KWH	887,704	889,768
TOTAL ELECTRIC - COST	\$60,431.68	\$ 65,108.77
TOTAL RESIDENTIAL REVENUE	\$860,173.56	\$807,707.40
TOTAL COMMERCIAL REVENUE	\$295,348.32	\$290,560.28
TOTAL INDUSTRIAL REVENUE	\$308,552.63	\$302,118.86
TOTAL REVENUE	\$1,464,074.51	\$1,400,406.54

BOD = Biodegradable Oxygen Demand
TSS= Total Suspended Solids



Fairmont Public Utilities Commission
September 19, 2023

Agenda Item: 6

From: Julie Zarling, Assistant Finance Director
To: Public Utilities Commission

Subject: Record of Disbursements- August 2023

Policy/Action Requested:

Vote Required: Simple Majority Roll Call

Recommendation: Approval

Overview:

Approval is requested for the Commissioners' Record of Disbursements for August 2023

Budget Impact:

Attachments: PUC Check Listing for August 2023

PUC Action: _____ Date: _____

AP
PUC CHECKS

User: juliezar
Printed: 9/13/2023 4:30:18 PM



Last Name	Acct 1	Amount	Check Date	Check Num	Description
A I Concrete Grinding & Mudjacking Shriver, Loren	602-00000-16500	3,600.00	9/1/2023	161672	dig out and pour pad at GLC - CIP - lift station rehab
A I Concrete Grinding & Mudjacking Shriver, Loren	604-00000-16500	15.00	8/17/2023	0	Evening Meal Tuesday Aug 8th for Working After 6pm
Abel Charlie		15.00			
ABM Equipment & Supply, LLC	604-49570-40500	737.40	9/8/2023	161791	bearing, slide pads, cylinder assembly
ABM Equipment & Supply, LLC	604-49570-40500	97.38	9/8/2023	161791	wear pad, shim
ABM Equipment & Supply, LLC		834.78			
Advanced Engineering & Environmental Services, LLC	601-49400-31200	105.00	9/1/2023	161673	WWTP I&C Professional Services 7/1-7/28/23
Advanced Engineering & Environmental Services, LLC		105.00			
Air Products and Chemicals, Inc.	601-00000-14206	3,352.74	9/8/2023	161792	42,710 LB carbon dioxide
Air Products and Chemicals, Inc.		3,352.74			
Allegiant Utility Services, Inc.	601-00000-16500	3,821.76	9/8/2023	161793	water meter installations 8/16-8/31/23 - CIP - AMI
Allegiant Utility Services, Inc.		3,821.76			
Altec Industries Inc	604-49570-40400	597.46	9/8/2023	161794	tamper body
Altec Industries Inc		597.46			
Amazon Capital Services	602-49450-43900	48.06	8/17/2023	161552	1/2 inch Drive 5-Point Penta Sockets
Amazon Capital Services		48.06			

Last Name	Acct I	Amount	Check Date	Check Num	Description
American Welding & Gas, Inc.	604-49595-43901	600.00	8/11/2023	161482	commercial lighting and fixtures rebate
American Welding & Gas, Inc.	604-49570-43900	75.93	9/1/2023	161674	nitrogen cylinder
American Welding & Gas, Inc.	604-49570-40400	131.46	9/8/2023	161795	cylinder rental
American Welding & Gas, Inc.		807.39			
AMG Plumbing & Heating	601-49400-40400	765.00	8/11/2023	161483	tested RPZ's in plant
AMG Plumbing & Heating		765.00			
Aqua-Pure Inc.	601-49400-40400	118.53	9/1/2023	161675	lamp for TOL turbidity analyzer
Aqua-Pure Inc.	601-49400-21620	5,752.50	9/1/2023	161675	tote of AQ 3025
Aqua-Pure Inc.	601-49400-40400	7,290.69	9/1/2023	161675	model PB-100 polyblend w/o pump
Aqua-Pure Inc.		13,161.72			
Aramark Uniform Services	601-49400-31200	352.07	9/1/2023	161676	laundry services
Aramark Uniform Services		352.07			
Arnold Motor Supply	604-49570-43900	16.18	9/1/2023	161677	bag phil truss hd sems tap scr
Arnold Motor Supply		16.18			
Associate Optometry, PA	604-49595-43901	632.50	8/11/2023	161484	commercial lighting and fixtures rebate
Associate Optometry, PA		632.50			
Avery Weigh-Tronix LLC	604-49595-43901	71.44	8/11/2023	161485	commercial lighting and fixtures rebate
Avery Weigh-Tronix LLC	604-49595-43901	113.72	8/11/2023	161485	commercial lighting and fixtures rebate
Avery Weigh-Tronix LLC		185.16			
Barr Engineering Company	601-49400-40300	4,899.20	9/1/2023	161678	lime pond services 7/15-8/11/23
Barr Engineering Company		4,899.20			
Becker Julie	604-49595-43997	20.00	8/11/2023	161486	residential AC tune-up rebate
Becker Julie		20.00			
Blint Carolyn	602-00000-20200	11.99	8/7/2023	161395	Refund Check 018528-001, 620 Summit Dr #201
Blint Carolyn	604-00000-20200	3.30	8/7/2023	161395	Refund Check 018528-001, 620 Summit Dr #201

Last Name	Acct I	Amount	Check Date	Check Num	Description
Blint Carolyn	602-00000-20200	22.44	8/7/2023	161395	Refund Check 018528-001, 620 Summit Dr #201
Blint Carolyn	601-00000-20200	13.90	8/7/2023	161395	Refund Check 018528-001, 620 Summit Dr #201
Blint Carolyn	604-00000-20200	41.09	8/7/2023	161395	Refund Check 018528-001, 620 Summit Dr #201
Blint Carolyn	604-00000-20200	3.72	8/7/2023	161395	Refund Check 018528-001, 620 Summit Dr #201
Blint Carolyn		96.44			
Blomster Lance	604-49595-43985	25.00	8/11/2023	161487	residential refrigerator rebate (albion)
Blomster Lance	604-49595-43985	25.00	8/11/2023	161487	residential refrigerator rebate (elm)
Blomster Lance		50.00			
Bloomgren Laura	604-00000-20200	1.92	8/2/2023	161317	Refund Check 018615-000, 910 Hengen St #404
Bloomgren Laura	604-00000-20200	23.86	8/2/2023	161317	Refund Check 018615-000, 910 Hengen St #404
Bloomgren Laura	602-00000-20200	9.31	8/2/2023	161317	Refund Check 018615-000, 910 Hengen St #404
Bloomgren Laura	602-00000-20200	4.97	8/2/2023	161317	Refund Check 018615-000, 910 Hengen St #404
Bloomgren Laura	604-00000-20200	2.42	8/2/2023	161317	Refund Check 018615-000, 910 Hengen St #404
Bloomgren Laura	601-00000-20200	5.77	8/2/2023	161317	Refund Check 018615-000, 910 Hengen St #404
Bloomgren Laura		48.25			
Boekett Building Supply	602-49450-43900	25.99	9/1/2023	161679	quick set grout
Boekett Building Supply	601-49430-43900	5.39	9/1/2023	161679	pipe wrap
Boekett Building Supply		31.38			
Bohlsen James	604-00000-16500	15.00	8/17/2023	0	Evening Meal Tuesday Aug 8th for Working After 6pm
Bohlsen James		15.00			
Bomgaars Supply	601-49400-43900	42.99	9/1/2023	161680	broom
Bomgaars Supply	601-49430-40200	41.47	9/1/2023	161680	valves and shop screen cleaner
Bomgaars Supply	601-49400-43900	42.12	9/1/2023	161680	nuts and bolts
Bomgaars Supply	602-49450-43900	40.99	9/1/2023	161680	concrete anchors
Bomgaars Supply	601-49430-40200	47.69	9/1/2023	161680	bolts
Bomgaars Supply	601-49430-43900	99.35	9/1/2023	161680	sawblade, vactor flash light
Bomgaars Supply	601-49430-40200	99.98	9/1/2023	161680	sawblade, vactor flash light
Bomgaars Supply	602-49450-43900	56.98	9/1/2023	161680	weed eater gas, round up
Bomgaars Supply	601-49430-43900	30.38	9/1/2023	161680	hose clamps
Bomgaars Supply	601-49430-43900	9.99	9/1/2023	161680	zip ties
Bomgaars Supply	601-49430-43900	38.98	9/1/2023	161680	air wand
Bomgaars Supply	602-49450-43900	39.97	9/1/2023	161680	hose nozzle, mal to male adapter
Bomgaars Supply	604-49570-22300	1,139.99	9/1/2023	161680	honda generator

Last Name	Acct I	Amount	Check Date	Check Num	Description
Bomgaars Supply	601-49400-40400	399.99	9/1/2023	161680	dewalt snake kit
Bomgaars Supply		2,130.87			
Brevig Painting	602-49470-40200	2,950.50	9/1/2023	161681	painting of east side lift station plus generator
Brevig Painting		2,950.50			
Bullock Theresa	604-00000-20200	3.85	8/2/2023	161318	Refund Check 013442-007, 224 S Park #4
Bullock Theresa	604-00000-20200	0.44	8/2/2023	161318	Refund Check 013442-007, 224 S Park #4
Bullock Theresa	601-00000-20200	0.46	8/2/2023	161318	Refund Check 013442-007, 224 S Park #4
Bullock Theresa	602-00000-20200	0.40	8/2/2023	161318	Refund Check 013442-007, 224 S Park #4
Bullock Theresa	602-00000-20200	0.76	8/2/2023	161318	Refund Check 013442-007, 224 S Park #4
Bullock Theresa	604-00000-20200	0.32	8/2/2023	161318	Refund Check 013442-007, 224 S Park #4
Bullock Theresa		6.23			
Carlson/Tyia Catena Casey	602-00000-20200	14.51	8/2/2023	161319	Refund Check 018176-000, 320 E 1st Street
Carlson/Tyia Catena Casey	602-00000-20200	2.52	8/2/2023	161319	Refund Check 018176-000, 320 E 1st Street
Carlson/Tyia Catena Casey	602-00000-20200	1.34	8/2/2023	161319	Refund Check 018176-000, 320 E 1st Street
Carlson/Tyia Catena Casey	601-00000-20200	10.98	8/2/2023	161319	Refund Check 018176-000, 320 E 1st Street
Carlson/Tyia Catena Casey	601-00000-20200	22.09	8/2/2023	161319	Refund Check 018176-000, 320 E 1st Street
Carlson/Tyia Catena Casey	604-00000-20200	3.00	8/2/2023	161319	Refund Check 018176-000, 320 E 1st Street
Carlson/Tyia Catena Casey	604-00000-20200	26.61	8/2/2023	161319	Refund Check 018176-000, 320 E 1st Street
Carlson/Tyia Catena Casey	601-00000-20200	1.56	8/2/2023	161319	Refund Check 018176-000, 320 E 1st Street
Carlson/Tyia Catena Casey	604-00000-20200	2.18	8/2/2023	161319	Refund Check 018176-000, 320 E 1st Street
Carlson/Tyia Catena Casey		84.79			
Carquest Auto Parts Stores	601-49400-40500	147.39	9/8/2023	161796	#447 gold battery
Carquest Auto Parts Stores	601-49400-40400	53.96	9/8/2023	161796	#445 hydraulic hose
Carquest Auto Parts Stores	601-49400-40500	-147.39	9/8/2023	161796	#447 gold battery
Carquest Auto Parts Stores	601-49400-40500	147.39	9/8/2023	161796	#447 gold battery
Carquest Auto Parts Stores	601-49400-40400	197.22	9/8/2023	161796	#445 hydraulic hose
Carquest Auto Parts Stores		398.57			
Cintas Corporation	602-49450-31200	51.56	8/7/2023	161360	First Aid Supplies Refill Waste Water
Cintas Corporation	604-49570-43900	416.55	9/8/2023	161797	cleaning supplies-august
Cintas Corporation	604-49570-43760	1,418.85	9/8/2023	161797	laundrying services-august
Cintas Corporation	604-49570-40400	79.65	9/8/2023	161797	cleaning supplies-august

Last Name	Acct I	Amount	Check Date	Check Num	Description
Cintas Corporation		1,966.61			
Colonial Life	601-00000-21812	56.17	8/2/2023	161286	PR Batch 00001.08.2023 Colonial Group Accident
Colonial Life	604-00000-21812	51.98	8/30/2023	161638	PR Batch 00003.08.2023 Colonial Cancer
Colonial Life	601-00000-21812	137.56	8/30/2023	161638	PR Batch 00003.08.2023 Colonial Life Insurance
Colonial Life	604-00000-21812	185.82	8/30/2023	161638	PR Batch 00003.08.2023 Colonial Life Insurance
Colonial Life	602-00000-21812	179.16	8/2/2023	161286	PR Batch 00001.08.2023 Colonial Disability
Colonial Life	604-00000-21812	9.24	8/2/2023	161286	PR Batch 00001.08.2023 Colonial GroupSpecifiedDisease
Colonial Life	604-00000-21812	9.24	8/16/2023	161520	PR Batch 00002.08.2023 Colonial GroupSpecifiedDisease
Colonial Life	602-00000-21812	179.15	8/30/2023	161638	PR Batch 00003.08.2023 Colonial Disability
Colonial Life	601-00000-21812	239.89	8/16/2023	161520	PR Batch 00002.08.2023 Colonial Disability
Colonial Life	601-00000-21812	19.83	8/16/2023	161520	PR Batch 00002.08.2023 Colonial GroupSpecifiedDisease
Colonial Life	601-00000-21812	19.83	8/2/2023	161286	PR Batch 00001.08.2023 Colonial GroupSpecifiedDisease
Colonial Life	602-00000-21812	23.19	8/30/2023	161638	PR Batch 00003.08.2023 Colonial GroupSpecifiedDisease
Colonial Life	602-00000-21812	179.17	8/16/2023	161520	PR Batch 00002.08.2023 Colonial Disability
Colonial Life	601-00000-21812	56.19	8/30/2023	161638	PR Batch 00003.08.2023 Colonial Group Accident
Colonial Life	604-00000-21812	46.22	8/2/2023	161286	PR Batch 00001.08.2023 Colonial Group Accident
Colonial Life	601-00000-21812	64.54	8/2/2023	161286	PR Batch 00001.08.2023 Colonial Cancer
Colonial Life	604-00000-21812	52.00	8/2/2023	161286	PR Batch 00001.08.2023 Colonial Cancer
Colonial Life	601-00000-21812	239.89	8/2/2023	161286	PR Batch 00001.08.2023 Colonial Disability
Colonial Life	602-00000-21812	91.35	8/2/2023	161286	PR Batch 00001.08.2023 Colonial Life Insurance
Colonial Life	604-00000-21812	185.81	8/16/2023	161520	PR Batch 00002.08.2023 Colonial Life Insurance
Colonial Life	604-00000-21812	9.24	8/30/2023	161638	PR Batch 00003.08.2023 Colonial GroupSpecifiedDisease
Colonial Life	602-00000-21812	42.38	8/16/2023	161520	PR Batch 00002.08.2023 Colonial Cancer
Colonial Life	601-00000-21812	56.15	8/16/2023	161520	PR Batch 00002.08.2023 Colonial Group Accident
Colonial Life	601-00000-21812	239.89	8/30/2023	161638	PR Batch 00003.08.2023 Colonial Disability
Colonial Life	602-00000-21812	91.34	8/16/2023	161520	PR Batch 00002.08.2023 Colonial Life Insurance
Colonial Life	602-00000-21812	23.19	8/2/2023	161286	PR Batch 00001.08.2023 Colonial GroupSpecifiedDisease
Colonial Life	604-00000-21812	46.24	8/16/2023	161520	PR Batch 00002.08.2023 Colonial Group Accident
Colonial Life	602-00000-21812	71.03	8/30/2023	161638	PR Batch 00003.08.2023 Colonial Group Accident
Colonial Life	602-00000-21812	91.35	8/30/2023	161638	PR Batch 00003.08.2023 Colonial Life Insurance
Colonial Life	601-00000-21812	137.58	8/16/2023	161520	PR Batch 00002.08.2023 Colonial Life Insurance
Colonial Life	601-00000-21812	137.56	8/2/2023	161286	PR Batch 00001.08.2023 Colonial Life Insurance
Colonial Life	602-00000-21812	71.05	8/16/2023	161520	PR Batch 00002.08.2023 Colonial Group Accident
Colonial Life	601-00000-21812	19.83	8/30/2023	161638	PR Batch 00003.08.2023 Colonial GroupSpecifiedDisease
Colonial Life	601-00000-21812	64.53	8/30/2023	161638	PR Batch 00003.08.2023 Colonial Cancer
Colonial Life	604-00000-21812	246.18	8/2/2023	161286	PR Batch 00001.08.2023 Colonial Disability
Colonial Life	604-00000-21812	46.23	8/30/2023	161638	PR Batch 00003.08.2023 Colonial Group Accident
Colonial Life	602-00000-21812	42.37	8/30/2023	161638	PR Batch 00003.08.2023 Colonial Cancer
Colonial Life	604-00000-21812	185.81	8/2/2023	161286	PR Batch 00001.08.2023 Colonial Life Insurance
Colonial Life	604-00000-21812	52.00	8/16/2023	161520	PR Batch 00002.08.2023 Colonial Cancer
Colonial Life	602-00000-21812	42.37	8/2/2023	161286	PR Batch 00001.08.2023 Colonial Cancer

Last Name	Acct I	Amount	Check Date	Check Num	Description
Colonial Life	602-00000-21812	23.19	8/16/2023	161520	PR Batch 00002.08.2023 Colonial Group Specified Disease
Colonial Life	604-00000-21812	246.18	8/16/2023	161520	PR Batch 00002.08.2023 Colonial Disability
Colonial Life	601-00000-21812	64.50	8/16/2023	161520	PR Batch 00002.08.2023 Colonial Cancer
Colonial Life	602-00000-21812	71.03	8/2/2023	161286	PR Batch 00001.08.2023 Colonial Group Accident
Colonial Life	604-00000-21812	246.21	8/30/2023	161638	PR Batch 00003.08.2023 Colonial Disability
Colonial Life		4,393.66			
Core & Main LP	601-49430-40200	272.82	9/1/2023	161682	ball valves
Core & Main LP		272.82			
Culligan Water of Fairmont	604-49570-31200	46.17	9/8/2023	161798	drinking water equipment rental
Culligan Water of Fairmont		46.17			
Dakota Supply Group	601-49430-40200	99.10	8/11/2023	161488	adjustable hydrant wrench
Dakota Supply Group	601-49430-40200	1,107.19	8/11/2023	161488	pentagon key t handle, curb stop flare
Dakota Supply Group	601-49430-40200	430.52	9/1/2023	161683	eighth bend sp swv
Dakota Supply Group		1,636.81			
Day Plumbing Heating & Cooling, Inc.	601-49400-43900	88.22	8/11/2023	161489	closet gasket kit
Day Plumbing Heating & Cooling, Inc.		88.22			
Decker Colleen/Stephen	602-00000-20200	0.74	8/2/2023	161320	Refund Check 018090-000, 324 S Hampton St
Decker Colleen/Stephen	601-00000-20200	0.86	8/2/2023	161320	Refund Check 018090-000, 324 S Hampton St
Decker Colleen/Stephen	601-00000-20200	5.33	8/2/2023	161320	Refund Check 018090-000, 324 S Hampton St
Decker Colleen/Stephen	604-00000-20200	0.92	8/2/2023	161320	Refund Check 018090-000, 324 S Hampton St
Decker Colleen/Stephen	601-00000-20200	3.84	8/2/2023	161320	Refund Check 018090-000, 324 S Hampton St
Decker Colleen/Stephen	602-00000-20200	3.90	8/2/2023	161320	Refund Check 018090-000, 324 S Hampton St
Decker Colleen/Stephen	604-00000-20200	11.24	8/2/2023	161320	Refund Check 018090-000, 324 S Hampton St
Decker Colleen/Stephen	604-00000-20200	1.34	8/2/2023	161320	Refund Check 018090-000, 324 S Hampton St
Decker Colleen/Stephen	602-00000-20200	1.38	8/2/2023	161320	Refund Check 018090-000, 324 S Hampton St
Decker Colleen/Stephen		29.55			
Denny Troy	601-49400-31400	46.40	9/8/2023	161799	TOC/ALK samples
Denny Troy	601-49400-31400	104.80	9/8/2023	161799	box with HACH SL1000
Denny Troy	601-49400-31400	85.60	8/11/2023	161490	2 water sample boxes
Denny Troy	601-49400-31400	74.20	8/11/2023	161490	WQP sample box

Last Name	Acct 1	Amount	Check Date	Check Num	Description
Denny Troy		311.00			
Detert Griffin	604-00000-20200	35.06	8/2/2023	161321	Refund Check 017801-000, 603 Albion Ave #3
Detert Griffin	602-00000-20200	6.37	8/2/2023	161321	Refund Check 017801-000, 603 Albion Ave #3
Detert Griffin	604-00000-20200	3.50	8/2/2023	161321	Refund Check 017801-000, 603 Albion Ave #3
Detert Griffin	604-00000-20200	2.84	8/2/2023	161321	Refund Check 017801-000, 603 Albion Ave #3
Detert Griffin	604-00000-20200	3.36	8/2/2023	161321	Refund Check 017801-000, 603 Albion Ave #3
Detert Griffin	602-00000-20200	3.41	8/2/2023	161321	Refund Check 017801-000, 603 Albion Ave #3
Detert Griffin	601-00000-20200	3.95	8/2/2023	161321	Refund Check 017801-000, 603 Albion Ave #3
Detert Griffin		58.49			
DGR Engineering	604-00000-16500	480.00	9/1/2023	161684	services through 7/31/23 - CIP - replace plant transformer
DGR Engineering		480.00			
DK Property LLC	604-00000-20200	3.75	8/22/2023	161595	Refund Check 016205-002, 1330 230th Ave
DK Property LLC	604-00000-20200	1,633.46	8/22/2023	161595	Refund Check 016205-002, 1330 230th Ave
DK Property LLC		1,637.21			
Dulcimer Medical Center	604-49570-30500	74.30	9/1/2023	161685	random DOT drug & alcohol test-line
Dulcimer Medical Center		74.30			
EFTPS	602-00000-21803	1,405.05	8/30/2023	0	PR Batch 00003.08.2023 FICA Employee Portion
EFTPS	602-00000-21809	340.50	8/2/2023	0	PR Batch 00001.08.2023 Medicare Employee Portion
EFTPS	601-00000-21803	2,146.53	8/16/2023	0	PR Batch 00002.08.2023 FICA Employee Portion
EFTPS	604-00000-21803	2,666.19	8/16/2023	0	PR Batch 00002.08.2023 FICA Employee Portion
EFTPS	601-00000-21803	2,196.13	8/2/2023	0	PR Batch 00001.08.2023 FICA Employee Portion
EFTPS	601-00000-21801	3,257.21	8/30/2023	0	PR Batch 00003.08.2023 Federal Income Tax
EFTPS	604-00000-21809	622.86	8/16/2023	0	PR Batch 00002.08.2023 Medicare Employee Portion
EFTPS	604-00000-21809	604.98	8/30/2023	0	PR Batch 00003.08.2023 Medicare Employee Portion
EFTPS	602-00000-21801	1,886.85	8/2/2023	0	PR Batch 00001.08.2023 Federal Income Tax
EFTPS	602-00000-21809	338.55	8/16/2023	0	PR Batch 00002.08.2023 Medicare Employee Portion
EFTPS	602-00000-21801	1,782.78	8/30/2023	0	PR Batch 00003.08.2023 Federal Income Tax
EFTPS	604-00000-21803	2,589.72	8/30/2023	0	PR Batch 00003.08.2023 FICA Employee Portion
EFTPS	601-00000-21801	3,194.39	8/16/2023	0	PR Batch 00002.08.2023 Federal Income Tax
EFTPS	604-00000-21809	604.98	8/30/2023	0	PR Batch 00003.08.2023 Medicare Employee Portion
EFTPS	602-00000-21803	1,460.28	8/2/2023	0	PR Batch 00001.08.2023 FICA Employee Portion
EFTPS	602-00000-21803	1,405.05	8/30/2023	0	PR Batch 00003.08.2023 FICA Employee Portion
EFTPS	604-00000-21801	4,254.68	8/2/2023	0	PR Batch 00001.08.2023 Federal Income Tax

Last Name	Acct 1	Amount	Check Date	Check Num	Description
EFTPS	601-00000-21801	3,342.25	8/2/2023	0	PR Batch 00001.08.2023 Federal Income Tax
EFTPS	604-00000-21809	601.78	8/2/2023	0	PR Batch 00001.08.2023 Medicare Employee Portion
EFTPS	604-00000-21801	4,398.99	8/16/2023	0	PR Batch 00002.08.2023 Federal Income Tax
EFTPS	601-00000-21809	497.05	8/30/2023	0	PR Batch 00003.08.2023 Medicare Employee Portion
EFTPS	601-00000-21803	2,196.13	8/2/2023	0	PR Batch 00001.08.2023 FICA Employee Portion
EFTPS	602-00000-21809	327.58	8/30/2023	0	PR Batch 00003.08.2023 Medicare Employee Portion
EFTPS	602-00000-21809	340.50	8/2/2023	0	PR Batch 00001.08.2023 Medicare Employee Portion
EFTPS	601-00000-21809	501.17	8/16/2023	0	PR Batch 00002.08.2023 Medicare Employee Portion
EFTPS	604-00000-21809	601.78	8/2/2023	0	PR Batch 00001.08.2023 Medicare Employee Portion
EFTPS	602-00000-21803	2,128.86	8/30/2023	0	PR Batch 00003.08.2023 FICA Employee Portion
EFTPS	602-00000-21809	338.55	8/16/2023	0	PR Batch 00002.08.2023 Medicare Employee Portion
EFTPS	604-00000-21803	2,576.25	8/2/2023	0	PR Batch 00001.08.2023 FICA Employee Portion
EFTPS	604-00000-21809	622.86	8/16/2023	0	PR Batch 00002.08.2023 Medicare Employee Portion
EFTPS	601-00000-21809	501.17	8/16/2023	0	PR Batch 00002.08.2023 Medicare Employee Portion
EFTPS	602-00000-21803	1,452.00	8/16/2023	0	PR Batch 00002.08.2023 Medicare Employee Portion
EFTPS	604-00000-21803	2,666.19	8/16/2023	0	PR Batch 00002.08.2023 FICA Employee Portion
EFTPS	601-00000-21809	512.83	8/2/2023	0	PR Batch 00002.08.2023 FICA Employee Portion
EFTPS	601-00000-21803	2,128.86	8/30/2023	0	PR Batch 00001.08.2023 Medicare Employee Portion
EFTPS	602-00000-21809	327.58	8/30/2023	0	PR Batch 00003.08.2023 FICA Employee Portion
EFTPS	602-00000-21803	1,452.00	8/16/2023	0	PR Batch 00003.08.2023 Medicare Employee Portion
EFTPS	604-00000-21803	2,576.25	8/2/2023	0	PR Batch 00002.08.2023 FICA Employee Portion
EFTPS	602-00000-21801	1,828.38	8/16/2023	0	PR Batch 00001.08.2023 FICA Employee Portion
EFTPS	602-00000-21803	1,460.28	8/2/2023	0	PR Batch 00002.08.2023 Federal Income Tax
EFTPS	601-00000-21809	512.83	8/2/2023	0	PR Batch 00001.08.2023 FICA Employee Portion
EFTPS	604-00000-21803	2,589.72	8/30/2023	0	PR Batch 00001.08.2023 Medicare Employee Portion
EFTPS	604-00000-21801	4,273.24	8/30/2023	0	PR Batch 00003.08.2023 FICA Employee Portion
EFTPS	601-00000-21803	2,146.53	8/16/2023	0	PR Batch 00003.08.2023 Federal Income Tax
EFTPS	601-00000-21809	497.05	8/30/2023	0	PR Batch 00002.08.2023 FICA Employee Portion
EFTPS		74,155.39			
EFTPS		3,574.59	8/9/2023	161406	Digester Improvements
EFTPS		1,199.86	8/9/2023	161406	Conference Room Table Line Dept
EFTPS		82.12	8/9/2023	161406	Klein Tools Hard Hat Non-Vented W Headlamp
EFTPS		849.99	8/9/2023	161406	Skid Trailer/EZ Spotter
EFTPS		5,706.56			
EFTPS		445.78	9/1/2023	161686	hammer kit w/2 batteries
EFTPS		25.35	9/1/2023	161686	sealant
EFTPS		288.84	9/1/2023	161686	wedge anchors, bits
EFTPS		84.78	9/1/2023	161686	lock, ka code
EFTPS		445.79	9/1/2023	161686	hammer kit w/2 batteries

Last Name	Acct I	Amount	Check Date	Check Num	Description
Fastenal Company	602-49470-40200	52.80	8/11/2023	161491	SDS 410 SS
Fastenal Company	601-49430-43900	445.79	9/1/2023	161686	hammer kit w/2 batteries
Fastenal Company		1,789.13			
Federated Rural Electric Association	602-49450-38100	50.00	9/8/2023	161800	electric utilities-WWTP
Federated Rural Electric Association		50.00			
Fleet & Farm Supply	602-49450-43900	45.98	9/8/2023	161801	paint
Fleet & Farm Supply	601-49430-43900	21.95	9/8/2023	161801	towels, sponge
Fleet & Farm Supply	602-49450-43900	3.98	9/8/2023	161801	PVC plugs
Fleet & Farm Supply	602-49450-43900	11.99	9/8/2023	161801	D batteries
Fleet & Farm Supply	602-49450-43900	4.99	9/8/2023	161801	dog tie out for digester measuring
Fleet & Farm Supply	601-49400-43900	9.59	9/8/2023	161801	plumbing plug
Fleet & Farm Supply	604-49570-40300	15.99	9/8/2023	161801	stihl oil
Fleet & Farm Supply	602-49470-40200	34.59	9/8/2023	161801	nuts and bolts
Fleet & Farm Supply	601-49430-40200	25.54	9/8/2023	161801	pails, lids, dawn
Fleet & Farm Supply	602-49450-43900	20.48	9/8/2023	161801	outlet cover
Fleet & Farm Supply	602-49470-43900	15.99	9/8/2023	161801	rope
Fleet & Farm Supply	604-49570-40300	24.99	9/8/2023	161801	stripper
Fleet & Farm Supply	602-49470-40200	50.15	9/8/2023	161801	sealant, screw driver set
Fleet & Farm Supply	602-49450-43900	25.98	9/8/2023	161801	aerator cleaner
Fleet & Farm Supply	601-49430-43900	29.99	9/8/2023	161801	cablities
Fleet & Farm Supply	602-49450-43900	9.58	9/8/2023	161801	paint brushes
Fleet & Farm Supply	604-49570-40300	18.99	9/8/2023	161801	9v battery
Fleet & Farm Supply	601-49400-43900	8.58	9/8/2023	161801	spray
Fleet & Farm Supply	601-49400-43900	46.35	9/8/2023	161801	paint supplies
Fleet & Farm Supply	602-49450-43900	29.98	9/8/2023	161801	cement and trash bags
Fleet & Farm Supply	602-49470-40200	54.99	9/8/2023	161801	panels
Fleet & Farm Supply	601-00000-16500	88.05	9/8/2023	161801	couplers anf fittings - CIP - AMI
Fleet & Farm Supply	602-49470-43900	26.99	9/8/2023	161801	tools
Fleet & Farm Supply	604-49570-40300	60.74	9/8/2023	161801	pliers, wrench
Fleet & Farm Supply	601-49430-43900	39.34	9/8/2023	161801	mixer blades, flex seal
Fleet & Farm Supply	604-49570-43900	16.99	9/8/2023	161801	battery
Fleet & Farm Supply	602-49450-43900	139.52	9/8/2023	161801	paint and brushes
Fleet & Farm Supply	602-49450-43900	8.45	9/8/2023	161801	hodgeman
Fleet & Farm Supply		890.73			
Fraser Ryan	604-00000-16500	15.00	8/17/2023	0	Evening Meal Tuesday Aug 8th for Working After 6pm

Last Name	Acct 1	Amount	Check Date	Check Num	Description
Fraser Ryan		15.00			
Frontier Communications	604-49570-32100	49.51	8/11/2023	161492	5072381928-august
Frontier Communications	604-49570-32100	42.09	8/11/2023	161492	507235608 1-august
Frontier Communications		91.60			
Frundt, Lundquist & Gustafson, LTD	604-00000-21720	535.54	8/2/2023	161288	PR Batch 00001.08.2023 Garnishment-Frundt, Lundquist
Frundt, Lundquist & Gustafson, LTD	604-00000-21720	587.39	8/30/2023	161640	PR Batch 00003.08.2023 Garnishment-Frundt, Lundquist
Frundt, Lundquist & Gustafson, LTD	604-00000-21720	587.39	8/16/2023	161521	PR Batch 00002.08.2023 Garnishment-Frundt, Lundquist
Frundt, Lundquist & Gustafson, LTD		1,710.32			
Further	602-00000-21811	383.76	8/30/2023	0	PR Batch 00003.08.2023 Health Savings Account
Further	604-00000-21811	297.79	8/16/2023	0	PR Batch 00002.08.2023 Health Savings Account
Further	601-00000-21811	886.08	8/2/2023	0	PR Batch 00001.08.2023 Health Savings Account
Further	601-00000-21811	886.09	8/16/2023	0	PR Batch 00002.08.2023 Health Savings Account
Further	604-00000-21811	297.81	8/2/2023	0	PR Batch 00001.08.2023 Health Savings Account
Further	604-00000-21811	297.81	8/30/2023	0	PR Batch 00003.08.2023 Health Savings Account
Further	601-00000-21811	886.07	8/30/2023	0	PR Batch 00003.08.2023 Health Savings Account
Further	602-00000-21811	383.76	8/16/2023	0	PR Batch 00002.08.2023 Health Savings Account
Further	602-00000-21811	383.75	8/2/2023	0	PR Batch 00001.08.2023 Health Savings Account
Further		4,702.92			
Gopher State One Call, Inc.	601-49430-31200	68.61	9/8/2023	161802	Locating Expense-august
Gopher State One Call, Inc.	604-49570-31200	70.69	9/8/2023	161802	Locating Expense-august
Gopher State One Call, Inc.	602-49470-31200	68.60	9/8/2023	161802	Locating Expense-august
Gopher State One Call, Inc.		207.90			
Grainger	601-49400-40400	268.00	9/1/2023	161687	utility pumps
Grainger		268.00			
Graymont (WI) LLC	601-49400-21620	6,787.60	9/1/2023	161688	high calcium quicklime
Graymont (WI) LLC		6,787.60			
Griese Robyn	604-49595-43988	25.00	8/11/2023	161493	residential dishwasher rebate
Griese Robyn	604-49595-43985	25.00	8/11/2023	161493	residential refrigerator rebate

Last Name	Acct 1	Amount	Check Date	Check Num	Description
Griese Robyn		50.00			
GS Systems, Inc.	601-49440-31200	15,820.00	8/11/2023	161494	software support maintenance AVEVA
GS Systems, Inc.		15,820.00			
Hallberg Cory	604-49595-43998	10.00	8/11/2023	161495	residential thermostat rebate
Hallberg Cory		10.00			
Hansen Brian	604-49595-43985	25.00	8/11/2023	161496	residential refrigerator rebate
Hansen Brian		25.00			
Hartke Jacob	604-49595-43989	15.48	8/11/2023	161497	residential fixtures rebate
Hartke Jacob		15.48			
Hawkins, Inc.	601-00000-14206	2,420.48	9/1/2023	161689	ammonium sulfate and hydrofluosilicic acid
Hawkins, Inc.	601-00000-14206	2,299.90	8/11/2023	161498	ammonium sulfate and hydrfluosilicic acid
Hawkins, Inc.		4,720.38			
Hefly Seed Company	604-49570-22300	61.05	9/8/2023	161803	erase tank cleaner
Hefly Seed Company		61.05			
Heide Miles	604-00000-16500	34.05	8/17/2023	161531	Drinks for Crew Working Through Outage 08/08/2023
Heide Miles	604-49570-33100	125.11	9/1/2023	161690	fuel and per diem for MMUA summer conference
Heide Miles		159.16			
Henry Tom	604-49595-43987	25.00	8/11/2023	161499	residential clothes washer rebate
Henry Tom		25.00			
Hinz David	604-00000-16500	15.00	8/17/2023	0	Evening Meal Tuesday Aug 8th for Working After 6pm
Hinz David		15.00			
Hitzenmann Paul	604-49595-43982	1,605.00	8/11/2023	161500	residential ASHP rebate

Last Name	Acct I	Amount	Check Date	Check Num	Description
Hitzemann Paul		1,605.00			
Hometown Sanitation Services, LLC	602-49450-31200	68.97	8/11/2023	161501	wastewater recycling container 8/1/23-10/31/23
Hometown Sanitation Services, LLC		68.97			
IBEW, Local Union 949	601-00000-21807	677.18	8/2/2023	161289	PR Batch 00001.08.2023 Union Dues
IBEW, Local Union 949	604-00000-21807	747.32	8/2/2023	161289	PR Batch 00001.08.2023 Union Dues
IBEW, Local Union 949	602-00000-21807	345.99	8/2/2023	161289	PR Batch 00001.08.2023 Union Dues
IBEW, Local Union 949		1,770.49			
Impact Proven Solutions	604-49590-31200	2,423.83	9/1/2023	161691	Monthly Utility Billing-august
Impact Proven Solutions	602-49490-31200	380.49	9/1/2023	161691	Monthly Utility Billing-august
Impact Proven Solutions	601-49440-31200	625.06	9/1/2023	161691	Monthly Utility Billing-august
Impact Proven Solutions		3,429.38			
Interstate Power Systems, Inc.	602-49470-31200	891.64	9/1/2023	161692	service contract for VIN D-39936
Interstate Power Systems, Inc.	602-49470-31200	575.00	9/1/2023	161692	service contract for VIN 95130600436
Interstate Power Systems, Inc.	601-49430-31200	2,058.63	9/1/2023	161692	service contract for VIN 8K96851-361-2
Interstate Power Systems, Inc.		3,525.27			
J. H. Larson	602-49470-40200	94.62	9/8/2023	161804	disconnect power plug
J. H. Larson	602-49470-40200	93.84	9/8/2023	161804	wire nut wing connector
J. H. Larson	602-49450-43900	5.01	9/8/2023	161804	carbon steel hanger w nuts
J. H. Larson	604-00000-14207	3,746.47	9/8/2023	161804	8000 URD sweetbriar
J. H. Larson	604-00000-14207	503.69	9/8/2023	161804	WNM UF 12/2 RF w/ground 1000ft reel
J. H. Larson	604-49570-40400	16.12	9/8/2023	161804	meter hub closing plate
J. H. Larson	602-49470-40200	257.77	9/8/2023	161804	wir thin 2 red MR 5000 ft. master reel
J. H. Larson	604-49570-40100	253.81	9/8/2023	161804	flood light
J. H. Larson	602-49470-40200	127.11	9/8/2023	161804	junction box
J. H. Larson		5,098.44			
Johnson Emily/John	601-00000-20200	2.44	8/2/2023	161322	Refund Check 009150-001, 620 Summit Dr #308
Johnson Emily/John	602-00000-20200	3.93	8/2/2023	161322	Refund Check 009150-001, 620 Summit Dr #308
Johnson Emily/John	604-00000-20200	39.03	8/2/2023	161322	Refund Check 009150-001, 620 Summit Dr #308
Johnson Emily/John	602-00000-20200	2.10	8/2/2023	161322	Refund Check 009150-001, 620 Summit Dr #308
Johnson Emily/John	604-00000-20200	4.65	8/2/2023	161322	Refund Check 009150-001, 620 Summit Dr #308
Johnson Emily/John	604-00000-20200	3.23	8/2/2023	161322	Refund Check 009150-001, 620 Summit Dr #308

Last Name	Acct I	Amount	Check Date	Check Num	Description
Johnson Emily/John		55.38			
JT Services of Minnesota	604-49570-40300	3,355.01	9/8/2023	161805	safegaurd utility lights
JT Services of Minnesota		3,355.01			
Kester Casey/Tasha	604-49595-43990	50.00	8/11/2023	161502	residential furnace rebate
Kester Casey/Tasha	604-49595-43981	250.00	8/11/2023	161502	residential AC rebate
Kester Casey/Tasha		300.00			
Keystone Conveyor Corporation	602-00000-16500	3,335.00	8/24/2023	161634	wiper blades, conveyor belting - CIP - digester improvements
Keystone Conveyor Corporation		3,335.00			
King Rhonda	604-49595-43997	60.00	8/11/2023	161503	residential AC tune-up rebate
King Rhonda	604-49595-43995	15.00	8/11/2023	161503	residential dehumidifier rebate
King Rhonda		75.00			
Kodru Equipment Inc.	601-49400-40400	538.68	9/1/2023	161693	parts kit for 4" 601N Plug Valve
Kodru Equipment Inc.		538.68			
L & M Boiler Systems, Inc	602-49450-31200	627.70	9/1/2023	161694	boiler outage on fulton thermal fluid heat system
L & M Boiler Systems, Inc		627.70			
Lakeview Methodist Health	604-49595-43901	104.00	8/11/2023	161504	commercial lighting and fixtures rebate
Lakeview Methodist Health		104.00			
Lloyd Jessie	604-00000-16500	15.00	8/17/2023	161536	Evening Meal Tuesday Aug 8th for Working After 6pm
Lloyd Jessie		15.00			
Locators & Supplies, Inc	604-49570-22300	529.87	9/8/2023	161806	safety vests
Locators & Supplies, Inc		529.87			
Marco Technologies, LLC	602-49490-20120	3.48	8/17/2023	161566	Contract Base Rate 08/02 to 09/01/2023 Usage 07/02 to 08/01/23CH
Marco Technologies, LLC	604-49590-20120	28.62	8/23/2023	161616	Contract Base Rate 08/22 to 09/21/23 100 Downtown Plaza

Last Name	Acct I	Amount	Check Date	Check Num	Description
Marco Technologies, LLC	604-49590-20220	39.15	8/23/2023	161616	Contract Base Rate 08/14 to 09/13/23 & Usage 05/14 to 08/13/23
Marco Technologies, LLC	601-49440-20120	5.73	8/17/2023	161566	Contract Base Rate 08/02 to 09/01/2023 Usage 07/02 to 08/01/23CH
Marco Technologies, LLC	602-49490-20220	13.05	8/23/2023	161616	Contract Base Rate 08/14 to 09/13/23 & Usage 05/14 to 08/13/23
Marco Technologies, LLC	601-49440-20120	7.40	8/23/2023	161616	Contract Base Rate 08/22 to 09/21/23 100 Downtown Plaza
Marco Technologies, LLC	604-49590-20120	22.17	8/17/2023	161566	Contract Base Rate 08/02 to 09/01/2023 Usage 07/02 to 08/01/23CH
Marco Technologies, LLC	601-49440-20220	26.14	8/23/2023	161616	Contract Base Rate 08/14 to 09/13/23 & Usage 05/14 to 08/13/23
Marco Technologies, LLC	602-49490-20120	4.51	8/23/2023	161616	Contract Base Rate 08/22 to 09/21/23 100 Downtown Plaza
Marco Technologies, LLC		150.25			
Martin County Ag Society	604-49595-43901	8,964.00	9/1/2023	161695	commercial lighting rebate
Martin County Ag Society		8,964.00			
Martin County Highway Dept	601-49430-21200	1,187.05	9/8/2023	161807	fuel usage-august
Martin County Highway Dept	602-49470-21200	636.51	9/8/2023	161807	fuel usage-august
Martin County Highway Dept	604-49570-21200	1,964.10	9/8/2023	161807	fuel usage-august
Martin County Highway Dept	601-49400-21200	31.48	9/8/2023	161807	fuel usage-august
Martin County Highway Dept	602-49450-21200	305.23	9/8/2023	161807	fuel usage-august
Martin County Highway Dept		4,124.37			
Melchert Dennis	604-49595-43981	130.00	8/11/2023	161505	residential AC rebate
Melchert Dennis	604-49595-43990	50.00	8/11/2023	161505	residential furnace rebate
Melchert Dennis		180.00			
Meyer Brooke	604-00000-20200	105.36	8/2/2023	161323	Refund Check 015560-002, 600 Burton Lane 109
Meyer Brooke		105.36			
Midco	604-49570-32100	294.86	8/17/2023	161538	Aug 2023 Telephone Electric Dept
Midco	601-49440-32100	54.08	8/17/2023	161538	Aug 2023 Telephone City Hall
Midco	604-49590-32100	209.72	8/17/2023	161538	Aug 2023 Telephone City Hall
Midco	602-49490-32100	360.88	8/17/2023	161538	Aug 2023 Telephone Waste Water Treatment Plant
Midco	601-49400-32100	361.06	8/17/2023	161538	Aug 2023 Telephone Water Plant
Midco	602-49490-32100	32.92	8/17/2023	161538	Aug 2023 Telephone City Hall
Midco		1,313.52			
Midwest Flo Cal LLC	601-49400-31200	1,052.93	9/1/2023	161696	calibrate rosemount magemeters 8/7 and 8/8
Midwest Flo Cal LLC	602-49450-31200	610.03	9/1/2023	161696	calibrate influent OCM at WWTP

Last Name	Acct 1	Amount	Check Date	Check Num	Description
Midwest Flo Cal LLC		1,662.96			
Minn Municipal Utilities Association	604-49570-33100	515.00	9/1/2023	161697	overhead school marshall mn-fraser
Minn Municipal Utilities Association	604-49570-33100	560.00	8/11/2023	161506	Duluth Summer Conference-Mile Heide
Minn Municipal Utilities Association		1,075.00			
Minnesota Pump Works	601-49400-40200	4,567.53	9/8/2023	161808	services for gearbox, eval and new install
Minnesota Pump Works	601-49400-40300	11,486.00	9/8/2023	161808	nord gearbox
Minnesota Pump Works		16,053.53			
Minnesota State Retirement System	601-00000-21811	2.18	8/16/2023	0	PR Batch 00002.08.2023 Health Savings Plan AFSCME
Minnesota State Retirement System	601-00000-21811	2.18	8/2/2023	0	PR Batch 00001.08.2023 Health Savings Plan AFSCME
Minnesota State Retirement System	601-00000-21811	2.21	8/30/2023	0	PR Batch 00003.08.2023 Health Savings Plan AFSCME
Minnesota State Retirement System	602-00000-21811	2.08	8/30/2023	0	PR Batch 00003.08.2023 Health Savings Plan AFSCME
Minnesota State Retirement System	604-00000-21811	3.21	8/30/2023	0	PR Batch 00003.08.2023 Health Savings Plan AFSCME
Minnesota State Retirement System	604-00000-21811	3.24	8/16/2023	0	PR Batch 00002.08.2023 Health Savings Plan AFSCME
Minnesota State Retirement System	604-00000-21811	3.22	8/2/2023	0	PR Batch 00001.08.2023 Health Savings Plan AFSCME
Minnesota State Retirement System	602-00000-21811	2.10	8/2/2023	0	PR Batch 00001.08.2023 Health Savings Plan AFSCME
Minnesota State Retirement System	602-00000-21811	2.08	8/16/2023	0	PR Batch 00002.08.2023 Health Savings Plan AFSCME
Minnesota State Retirement System		22.50			
Minuteman Press	601-00000-16300	590.01	9/1/2023	161698	water meter install postcards - CIP - AMI
Minuteman Press		590.01			
Mn Child Support Payment	604-00000-21720	314.72	8/16/2023	161523	PR Batch 00002.08.2023 HR
Mn Child Support Payment	604-00000-21720	314.72	8/2/2023	161291	PR Batch 00001.08.2023 HR
Mn Child Support Payment	604-00000-21720	314.72	8/30/2023	161641	PR Batch 00003.08.2023 HR
Mn Child Support Payment		944.16			
MN Council 65 AFSCME	601-00000-21807	10.53	8/2/2023	161292	PR Batch 00001.08.2023 Union Dues
MN Council 65 AFSCME	604-00000-21807	15.58	8/2/2023	161292	PR Batch 00001.08.2023 Union Dues
MN Council 65 AFSCME	602-00000-21807	10.01	8/2/2023	161292	PR Batch 00001.08.2023 Union Dues
MN Council 65 AFSCME		36.12			
MN Dept Labor & Indust.	602-49450-31500	36.00	9/1/2023	161699	upgrading WW lift control panel 100 amp service
MN Dept Labor & Indust.	602-49450-31500	36.00	9/1/2023	161699	upgrading WW lift control panel 100 amp service

Last Name	Acct I	Amount	Check Date	Check Num	Description
MN Dept Labor & Indust.		72.00			
MN Dept Of Health	601-49400-31500	10,752.00	9/1/2023	161700	quarterly water service connection fee-7/1-9/30/23
MN Dept Of Health		10,752.00			
MN Dept of Labor & Indus	604-49570-40100	40.00	9/8/2023	161809	pressure vessels and boiler fairmont elect dept
MN Dept of Labor & Indus	601-49400-31500	100.00	9/8/2023	161809	elevator Annual Op 300 day st
MN Dept of Labor & Indus		140.00			
MN Dept Of Revenue	602-00000-21802	847.70	8/30/2023	0	PR Batch 00003.08.2023 State Income Tax
MN Dept Of Revenue	601-00000-21802	1,453.82	8/16/2023	0	PR Batch 00002.08.2023 State Income Tax
MN Dept Of Revenue	604-00000-21802	1,857.48	8/30/2023	0	PR Batch 00003.08.2023 State Income Tax
MN Dept Of Revenue	604-00000-21802	1,844.10	8/2/2023	0	PR Batch 00001.08.2023 State Income Tax
MN Dept Of Revenue	601-00000-21802	1,460.02	8/30/2023	0	PR Batch 00003.08.2023 State Income Tax
MN Dept Of Revenue	604-00000-21802	1,906.74	8/16/2023	0	PR Batch 00002.08.2023 State Income Tax
MN Dept Of Revenue	602-00000-21802	889.39	8/16/2023	0	PR Batch 00002.08.2023 State Income Tax
MN Dept Of Revenue	602-00000-21802	903.43	8/2/2023	0	PR Batch 00001.08.2023 State Income Tax
MN Dept Of Revenue	601-00000-21802	1,510.48	8/2/2023	0	PR Batch 00001.08.2023 State Income Tax
MN Dept Of Revenue		12,673.16			
MN Energy Resources Corp.	604-49570-38300	66.86	8/24/2023	161635	gas utilities-warehouse
MN Energy Resources Corp.	602-49450-38300	379.96	8/24/2023	161635	gas utilities-burner
MN Energy Resources Corp.	601-49400-38300	301.16	8/24/2023	161635	gas utilities-filtration
MN Energy Resources Corp.	602-49470-38300	62.27	8/24/2023	161635	gas utilities-indus
MN Energy Resources Corp.	602-49450-38300	62.27	8/24/2023	161635	gas utilities-headwork
MN Energy Resources Corp.	602-49450-38300	4,512.51	8/24/2023	161635	gas utilities-solids
MN Energy Resources Corp.	602-49450-38300	70.06	8/24/2023	161635	gas utilities-disposal
MN Energy Resources Corp.	602-49450-38300	62.27	8/24/2023	161635	gas utilities-maintenance
MN Energy Resources Corp.		5,517.36			
Mn NCPERS Life Insurance	601-00000-21810	32.00	8/16/2023	161524	PR Batch 00002.08.2023 PERA Term Life
Mn NCPERS Life Insurance	604-00000-21810	48.00	8/16/2023	161524	PR Batch 00002.08.2023 PERA Term Life
Mn NCPERS Life Insurance	602-00000-21810	32.00	8/16/2023	161524	PR Batch 00002.08.2023 PERA Term Life
Mn NCPERS Life Insurance		112.00			
MN Public Facilities Authority	602-00000-22510	795,000.00	8/1/2023	161312	Clean Water Revolving Fund Principal Payment
MN Public Facilities Authority	601-49445-61100	224,081.37	8/1/2023	161312	Drinking Water State Revolving Fund Interest Payment

Last Name	Acct I	Amount	Check Date	Check Num	Description
MN Public Facilities Authority	601-00000-22510	122,000.00	8/1/2023	161312	Lime Ponds Principal Payment Aug 2023
MN Public Facilities Authority	601-00000-22510	874,000.00	8/1/2023	161312	Drinking Water State Revolving Fund Principal Payment
MN Public Facilities Authority	601-49445-61100	11,227.21	8/1/2023	161312	Lime Ponds Interest Payment Aug 2023
MN Public Facilities Authority	602-49495-61100	13,865.95	8/1/2023	161312	Clean Water Revolving Fund Interest Payment
MN Public Facilities Authority		2,040,174.53			
Mn Rural Water Assoc.	601-49440-33100	150.00	9/1/2023	161701	2023 operator expo-becker
Mn Rural Water Assoc.		150.00			
MN Valley Testing Lab	602-49450-31400	79.20	9/8/2023	161810	nitrogen and nitrate test
MN Valley Testing Lab	602-49450-31400	347.33	9/8/2023	161810	multiple different tests
MN Valley Testing Lab	602-49450-31400	73.70	9/8/2023	161810	bod carbonaceous test
MN Valley Testing Lab	602-49450-31400	46.20	9/8/2023	161810	bod carbonaceous test
MN Valley Testing Lab	602-49450-31400	73.70	9/8/2023	161810	bod carbonaceous test
MN Valley Testing Lab	602-49450-31400	46.20	9/8/2023	161810	bod carbonaceous test
MN Valley Testing Lab	602-49450-31400	408.65	9/8/2023	161810	fecal coliform test
MN Valley Testing Lab	602-49450-31400	73.70	9/8/2023	161810	bod carbonaceous test
MN Valley Testing Lab	602-49450-31400	73.70	9/8/2023	161810	bod carbonaceous test
MN Valley Testing Lab		1,222.38			
MN Valley Testing Lab		3.37	9/8/2023	161811	#6 oil filter
Napa Auto Fairmont Star Group LLC	604-49570-40500	15.19	9/8/2023	161811	#227 oil and air filter
Napa Auto Fairmont Star Group LLC	601-49400-40500	12.71	9/8/2023	161811	#646 power steering filter
Napa Auto Fairmont Star Group LLC		31.27			
National Industrial & Safety Supply	604-49570-40300	1,197.00	9/8/2023	161812	wypall rags
National Industrial & Safety Supply		1,197.00			
Nawrocki Dan	604-49595-43989	93.93	8/11/2023	161507	residential LED bulbs
Nawrocki Dan		93.93			
NeonLink LLC	601-49400-31200	164.99	9/8/2023	161813	Enerlyte Payment Services-august
NeonLink LLC	602-49450-31200	100.43	9/8/2023	161813	Enerlyte Payment Services-august
NeonLink LLC	604-49570-31200	639.78	9/8/2023	161813	Enerlyte Payment Services-august
NeonLink LLC		905.20			

Last Name	Acct I	Amount	Check Date	Check Num	Description
Neurohr Bridget/Nickolas	604-00000-20200	7.18	8/2/2023	161324	Refund Check 014077-003, 1331 Johnson St #A
Neurohr Bridget/Nickolas	602-00000-20200	2.04	8/2/2023	161324	Refund Check 014077-003, 1331 Johnson St #A
Neurohr Bridget/Nickolas	604-00000-20200	10.12	8/2/2023	161324	Refund Check 014077-003, 1331 Johnson St #A
Neurohr Bridget/Nickolas	604-00000-20200	87.38	8/2/2023	161324	Refund Check 014077-003, 1331 Johnson St #A
Neurohr Bridget/Nickolas	602-00000-20200	3.81	8/2/2023	161324	Refund Check 014077-003, 1331 Johnson St #A
Neurohr Bridget/Nickolas	601-00000-20200	2.36	8/2/2023	161324	Refund Check 014077-003, 1331 Johnson St #A
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Neurohr Bridget/Nickolas		112.89			
Nielsen Blacktopping & Concrete	601-49430-40200	484.34	8/9/2023	161425	Blacktop Water Dig Tilden/Dewey
Nielsen Blacktopping & Concrete	601-49430-40200	266.14	8/9/2023	161425	Blacktop Water Dig
Nielsen Blacktopping & Concrete	601-49430-40200	1,519.28	8/9/2023	161425	Blacktop Water Digs Oak Beach Dr & Lakeview
Nielsen Blacktopping & Concrete	601-49430-40200	496.32	8/9/2023	161425	Blacktop Water Dig 1134 State St Service Rd
Nielsen Blacktopping & Concrete	601-49430-40200	1,024.37	8/9/2023	161425	Blacktop Water Digs Burton Lane, Home St & Home/Webster
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Nielsen Blacktopping & Concrete		3,790.45			
North Central Laboratories	602-49450-31400	106.69	9/8/2023	161814	HD glass vol flask
North Central Laboratories	602-49450-31400	771.81	9/8/2023	161814	glass fiber filters, dilution water
North Central Laboratories	602-49450-31400	692.74	9/8/2023	161814	evaporating dish 16ft core-taker, orion probe
North Central Laboratories	602-49450-31400	176.73	9/8/2023	161814	evaporating dish
North Central Laboratories	602-49450-31400	172.64	9/8/2023	161814	repair YSI probod
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North Central Laboratories		1,920.61			
Olympic Fire Protection Corp	601-49400-31200	300.00	9/1/2023	161702	annual service charge
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Olympic Fire Protection Corp		300.00			
Ovivo USA, LLC	602-00000-16500	11,250.00	9/1/2023	161703	steel cover- insurance-CIP - digester improvements
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Ovivo USA, LLC		11,250.00			
Parks Tod	604-49595-43997	60.00	8/11/2023	161508	residential AC tune-up rebate
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Parks Tod		60.00			
PC Janitorial Supply	602-49450-43900	62.64	8/11/2023	161509	citrus metered air freshners
PC Janitorial Supply	602-49450-43900	112.75	9/1/2023	161704	case shop towels and paper towels
PC Janitorial Supply	601-49400-43900	62.60	8/11/2023	161509	case hand towels
PC Janitorial Supply	601-49400-43900	49.75	9/1/2023	161704	floor pads

Last Name	Acct I	Amount	Check Date	Check Num	Description
PC Janitorial Supply		287.74			
Polydyne Inc.	602-49450-21620	-958.50	8/24/2023	161636	450 LB drum of CE-2466
Polydyne Inc.	602-49450-21620	7,632.00	8/24/2023	161636	450 LB drums of CE-2465 and CE-2466
Polydyne Inc.		6,673.50			
Powers Brady	601-49440-32100	46.44	8/7/2023	161382	Aug 2023 Cell Phone Reimbursement
Powers Brady		46.44			
Public Utilities Commission	604-49570-40300	83.51	8/23/2023	161622	EV Charging Station Winnebago Ave Sports Complex 06/17 to 07/17
Public Utilities Commission		83.51			
PVS Technologies, Inc.	602-49450-21620	10,483.53	9/8/2023	161815	ferric chloride 44,540 LB
PVS Technologies, Inc.		10,483.53			
Quality Flow Systems, Inc	601-49430-40400	8,605.00	9/1/2023	161705	new ABB VFD to replace Eaton VFD
Quality Flow Systems, Inc		8,605.00			
RDO Trust #80-5800	604-00000-16400	45,687.79	8/7/2023	161384	Vermeer BC1500 Brush Chipper, Winch & Chute Rotation
RDO Trust #80-5800		45,687.79			
Reiter Arlan	604-49595-43990	50.00	8/11/2023	161510	residential furnace rebate
Reiter Arlan	604-49595-43981	230.00	8/11/2023	161510	residential AC rebate
Reiter Arlan		280.00			
Resco	604-49570-40300	4,086.16	9/8/2023	161816	handhole conc box cover
Resco		4,086.16			
Retirement Association Public Employees	601-00000-21804	2,358.89	8/30/2023	0	PR Batch 00003.08.2023 PERA
Retirement Association Public Employees	602-00000-21804	1,741.23	8/16/2023	0	PR Batch 00002.08.2023 PERA Employer
Retirement Association Public Employees	604-00000-21804	2,733.46	8/30/2023	0	PR Batch 00003.08.2023 PERA
Retirement Association Public Employees	604-00000-21804	3,153.96	8/30/2023	0	PR Batch 00003.08.2023 PERA Employer
Retirement Association Public Employees	604-00000-21804	3,209.67	8/16/2023	0	PR Batch 00002.08.2023 PERA Employer
Retirement Association Public Employees	602-00000-21804	1,477.97	8/30/2023	0	PR Batch 00003.08.2023 PERA

Last Name	Acct I	Amount	Check Date	Check Num	Description
Retirement Association Public Employees	604-00000-21804	3,132.26	8/2/2023	0	PR Batch 00001.08.2023 PERA Employer
Retirement Association Public Employees	602-00000-21804	1,705.34	8/30/2023	0	PR Batch 00003.08.2023 PERA Employer
Retirement Association Public Employees	601-00000-21804	2,363.47	8/2/2023	0	PR Batch 00001.08.2023 PERA
Retirement Association Public Employees	604-00000-21804	2,781.74	8/16/2023	0	PR Batch 00002.08.2023 PERA
Retirement Association Public Employees	602-00000-21804	1,509.06	8/16/2023	0	PR Batch 00002.08.2023 PERA
Retirement Association Public Employees	601-00000-21804	2,721.84	8/30/2023	0	PR Batch 00003.08.2023 PERA Employer
Retirement Association Public Employees	602-00000-21804	1,489.39	8/2/2023	0	PR Batch 00001.08.2023 PERA
Retirement Association Public Employees	601-00000-21804	2,668.42	8/16/2023	0	PR Batch 00002.08.2023 PERA Employer
Retirement Association Public Employees	601-00000-21804	2,727.06	8/2/2023	0	PR Batch 00001.08.2023 PERA Employer
Retirement Association Public Employees	604-00000-21804	2,714.62	8/2/2023	0	PR Batch 00001.08.2023 PERA
Retirement Association Public Employees	602-00000-21804	1,718.56	8/2/2023	0	PR Batch 00001.08.2023 PERA Employer
Retirement Association Public Employees	601-00000-21804	2,312.60	8/16/2023	0	PR Batch 00002.08.2023 PERA
Retirement Association Public Employees		42,519.54			
Richards Donald/Harriet	604-00000-20200	28.51	8/2/2023	161325	Refund Check 005101-002, 1310 Adams Ave #211
Richards Donald/Harriet	601-00000-20200	1.05	8/2/2023	161325	Refund Check 005101-002, 1310 Adams Ave #211
Richards Donald/Harriet	602-00000-20200	0.87	8/2/2023	161325	Refund Check 005101-002, 1310 Adams Ave #211
Richards Donald/Harriet	604-00000-20200	1.92	8/2/2023	161325	Refund Check 005101-002, 1310 Adams Ave #211
Richards Donald/Harriet	602-00000-20200	1.68	8/2/2023	161325	Refund Check 005101-002, 1310 Adams Ave #211
Richards Donald/Harriet	604-00000-20200	2.24	8/2/2023	161325	Refund Check 005101-002, 1310 Adams Ave #211
Richards Donald/Harriet		36.27			
River Bend Business Products	602-49490-20120	5.39	8/9/2023	161429	Office Supplies City Hall
River Bend Business Products	604-49590-20120	34.32	8/9/2023	161429	Office Supplies City Hall
River Bend Business Products	601-49440-20120	8.85	8/9/2023	161429	Office Supplies City Hall
River Bend Business Products		48.56			
Rodriguez Rufus	604-49595-43990	50.00	8/11/2023	161511	residential furnace rebate
Rodriguez Rufus	604-49595-43981	220.00	8/11/2023	161511	residential AC rebate
Rodriguez Rufus		270.00			
Schaefer Jenna	601-00000-20200	1.78	8/9/2023	161438	Refund Check 005404-000, 125 Maple St
Schaefer Jenna	601-00000-20200	9.90	8/9/2023	161438	Refund Check 005404-000, 125 Maple St
Schaefer Jenna	604-00000-20200	97.37	8/9/2023	161438	Refund Check 005404-000, 125 Maple St
Schaefer Jenna	602-00000-20200	2.88	8/9/2023	161438	Refund Check 005404-000, 125 Maple St
Schaefer Jenna	604-00000-20200	12.55	8/9/2023	161438	Refund Check 005404-000, 125 Maple St
Schaefer Jenna	602-00000-20200	1.53	8/9/2023	161438	Refund Check 005404-000, 125 Maple St
Schaefer Jenna	601-00000-20200	16.67	8/9/2023	161438	Refund Check 005404-000, 125 Maple St
Schaefer Jenna	602-00000-20200	10.40	8/9/2023	161438	Refund Check 005404-000, 125 Maple St

Last Name	Acct I	Amount	Check Date	Check Num	Description
Schaefer Jenna	604-00000-20200	8.11	8/9/2023	161438	Refund Check 005404-000, 125 Maple St
Schaefer Jenna		161.19			
Schwieger Daryll	604-49595-43988	25.00	8/11/2023	161512	residential dishwasher rebate
Schwieger Daryll		25.00			
Smick Tim/Tonja	604-49595-43995	15.00	8/11/2023	161513	residential dehumidifier rebate
Smick Tim/Tonja		15.00			
Southern MN Inspection	601-49430-31200	1,365.50	9/1/2023	161706	BR309855 DBI Sala
Southern MN Inspection	602-49470-40200	485.80	9/1/2023	161706	inspection of self retractable lanyards
Southern MN Inspection	602-49450-31200	1,060.00	9/1/2023	161706	inspection of L-21 #41 and #47 Liftmoore
Southern MN Inspection	601-49400-31200	1,748.30	9/1/2023	161706	inspection of L-21 #67 Liftmoore and truck crane
Southern MN Inspection		4,659.60			
Squeegee Brothers	601-49400-31200	59.00	9/8/2023	161817	window cleaning water plant-august
Squeegee Brothers		59.00			
Struck Allen	604-49595-43981	230.00	8/11/2023	161514	residential AC rebate
Struck Allen	604-49595-43990	50.00	8/11/2023	161514	residential furnace rebate
Struck Allen		280.00			
Stuart C. Irby Co	604-49570-43900	324.00	9/8/2023	161818	glove dust 5oz bottle
Stuart C. Irby Co	604-49570-40300	425.00	9/8/2023	161818	positioning lanyard and carabiner
Stuart C. Irby Co	604-00000-14207	1,557.00	9/8/2023	161818	dist cover
Stuart C. Irby Co	604-49570-43900	-69.57	9/8/2023	161818	bib overall navy-returned
Stuart C. Irby Co		2,236.43			
Sukalski Melvin	604-49595-43985	25.00	8/11/2023	161515	residential refrigerator rebate
Sukalski Melvin		25.00			
Technology Solutions & Associates, LLC	602-49470-31200	3,656.51	8/23/2023	161627	Professional Services Aug 2023
Technology Solutions & Associates, LLC		3,656.51			

Last Name	Acct I	Amount	Check Date	Check Num	Description
Thate Linda	604-49595-43989	75.20	8/11/2023	161516	residential fixtures rebate
Thate Linda		75.20			
Tnemec Company Inc.	601-49400-40200	812.60	8/11/2023	161517	HB EPOXOLINE II items
Tnemec Company Inc.		812.60			
Truck Center Companies East LLC	602-49470-40500	853.38	9/1/2023	161707	#646 test and replace nox sensor
Truck Center Companies East LLC		853.38			
U C Laboratory, Inc	602-49450-31400	461.00	9/8/2023	161819	class A Biosolids coliform 8.2023
U C Laboratory, Inc		461.00			
UEMSI	602-49450-40400	1,530.00	9/1/2023	161708	sewer cleaning hose
UEMSI	602-49470-40400	1,530.00	8/23/2023	161628	Hose 1" x 600" x 2500PSI #433 Waste Water
UEMSI		3,060.00			
USA Blue Book	601-49400-31400	261.98	8/11/2023	161518	gloves, chlorine chemkey reagents
USA Blue Book	601-49400-31400	268.43	9/1/2023	161709	kimwipes disposable
USA Blue Book		530.41			
Utility Technologies, LLC	601-49430-40200	32.00	9/1/2023	161710	meter gaskets
Utility Technologies, LLC		32.00			
Vantage Transfer - 301177	602-00000-21808	427.90	8/30/2023	0	PR Batch 00003.08.2023 ICMA- Percent
Vantage Transfer - 301177	604-00000-21808	248.03	8/2/2023	0	PR Batch 00001.08.2023 ICMA Loan Repayment
Vantage Transfer - 301177	604-00000-21808	2,043.95	8/2/2023	0	PR Batch 00001.08.2023 ICMA
Vantage Transfer - 301177	602-00000-21808	58.98	8/16/2023	0	PR Batch 00002.08.2023 ICMA Payroll Roth IRA
Vantage Transfer - 301177	602-00000-21808	427.90	8/16/2023	0	PR Batch 00002.08.2023 ICMA- Percent
Vantage Transfer - 301177	601-00000-21808	161.06	8/16/2023	0	PR Batch 00002.08.2023 ICMA Payroll Roth IRA
Vantage Transfer - 301177	601-00000-21808	324.48	8/2/2023	0	PR Batch 00001.08.2023 ICMA
Vantage Transfer - 301177	602-00000-21808	58.98	8/2/2023	0	PR Batch 00001.08.2023 ICMA Payroll Roth IRA
Vantage Transfer - 301177	601-00000-21808	324.52	8/30/2023	0	PR Batch 00003.08.2023 ICMA
Vantage Transfer - 301177	601-00000-21808	79.35	8/16/2023	0	PR Batch 00002.08.2023 ICMA- Percent
Vantage Transfer - 301177	602-00000-21808	58.98	8/30/2023	0	PR Batch 00003.08.2023 ICMA Payroll Roth IRA
Vantage Transfer - 301177	604-00000-21808	2,043.95	8/30/2023	0	PR Batch 00003.08.2023 ICMA
Vantage Transfer - 301177	602-00000-21808	427.90	8/2/2023	0	PR Batch 00001.08.2023 ICMA- Percent

Last Name	Acct I	Amount	Check Date	Check Num	Description
Vantage Transfer - 301177	604-00000-21808	104.94	8/30/2023	0	PR Batch 00003.08.2023 ICMA- Percent
Vantage Transfer - 301177	604-00000-21808	104.94	8/16/2023	0	PR Batch 00002.08.2023 ICMA- Percent
Vantage Transfer - 301177	601-00000-21808	79.35	8/30/2023	0	PR Batch 00003.08.2023 ICMA- Percent
Vantage Transfer - 301177	604-00000-21808	415.92	8/2/2023	0	PR Batch 00001.08.2023 ICMA Payroll Roth IRA
Vantage Transfer - 301177	601-00000-21808	324.49	8/16/2023	0	PR Batch 00002.08.2023 ICMA
Vantage Transfer - 301177	602-00000-21808	212.21	8/2/2023	0	PR Batch 00001.08.2023 ICMA
Vantage Transfer - 301177	604-00000-21808	415.92	8/30/2023	0	PR Batch 00003.08.2023 ICMA Payroll Roth IRA
Vantage Transfer - 301177	602-00000-21808	212.18	8/30/2023	0	PR Batch 00003.08.2023 ICMA
Vantage Transfer - 301177	601-00000-21808	107.21	8/2/2023	0	PR Batch 00001.08.2023 ICMA Loan Repayment
Vantage Transfer - 301177	604-00000-21808	104.94	8/2/2023	0	PR Batch 00001.08.2023 ICMA- Percent
Vantage Transfer - 301177	604-00000-21808	248.03	8/16/2023	0	PR Batch 00002.08.2023 ICMA Loan Repayment
Vantage Transfer - 301177	604-00000-21808	248.03	8/30/2023	0	PR Batch 00003.08.2023 ICMA Loan Repayment
Vantage Transfer - 301177	601-00000-21808	107.21	8/16/2023	0	PR Batch 00002.08.2023 ICMA Loan Repayment
Vantage Transfer - 301177	601-00000-21808	161.06	8/2/2023	0	PR Batch 00001.08.2023 ICMA Payroll Roth IRA
Vantage Transfer - 301177	602-00000-21808	212.21	8/16/2023	0	PR Batch 00002.08.2023 ICMA
Vantage Transfer - 301177	604-00000-21808	2,043.96	8/16/2023	0	PR Batch 00002.08.2023 ICMA
Vantage Transfer - 301177	601-00000-21808	79.35	8/2/2023	0	PR Batch 00001.08.2023 ICMA- Percent
Vantage Transfer - 301177	604-00000-21808	415.92	8/16/2023	0	PR Batch 00002.08.2023 ICMA Payroll Roth IRA
Vantage Transfer - 301177	601-00000-21808	107.21	8/30/2023	0	PR Batch 00003.08.2023 ICMA Loan Repayment
Vantage Transfer - 301177	601-00000-21808	161.06	8/30/2023	0	PR Batch 00003.08.2023 ICMA Payroll Roth IRA
88 Vantage Transfer - 301177		12,552.12			
Verizon Wireless	602-49450-32100	95.24	8/7/2023	161389	06/21 to 07/20/2023 Cell Phones Waste Water Dept
Verizon Wireless	601-49400-32100	220.02	8/7/2023	161389	06/21 to 07/20/2023 Cell Phones Water Dept
Verizon Wireless	604-49570-32100	255.03	8/7/2023	161389	06/21 to 07/20/2023 Cell Phones Electric Dept
Verizon Wireless		570.29			
Voss Cleaning Services, Inc.	602-49450-31200	90.32	8/9/2023	161434	Janitorial & Rug Service Aug 2023 City Hall
Voss Cleaning Services, Inc.	601-49440-31200	148.37	8/9/2023	161434	Janitorial & Rug Service Aug 2023 City Hall
Voss Cleaning Services, Inc.	604-49570-31200	575.31	8/9/2023	161434	Janitorial & Rug Service Aug 2023 City Hall
Voss Cleaning Services, Inc.		814.00			
Warriner Samantha	604-00000-20200	86.33	8/2/2023	161326	Refund Check 018181-000, 1319 Johnson St #B
Warriner Samantha	604-00000-20200	8.13	8/2/2023	161326	Refund Check 018181-000, 1319 Johnson St #B
Warriner Samantha	602-00000-20200	4.51	8/2/2023	161326	Refund Check 018181-000, 1319 Johnson St #B
Warriner Samantha	604-00000-20200	6.97	8/2/2023	161326	Refund Check 018181-000, 1319 Johnson St #B
Warriner Samantha	601-00000-20200	5.25	8/2/2023	161326	Refund Check 018181-000, 1319 Johnson St #B
Warriner Samantha	602-00000-20200	8.46	8/2/2023	161326	Refund Check 018181-000, 1319 Johnson St #B

Last Name	Acct I	Amount	Check Date	Check Num	Description
Warriner Samantha		119.65			
Waste Management Of So MN	602-49450-38420	2,481.96	9/8/2023	161820	dumpster service-august
Waste Management Of So MN		2,481.96			
Welcome Oil Company	602-49470-43900	183.95	8/11/2023	161519	50 gallons of fuel oil
Welcome Oil Company		183.95			
Wesco Receivables Corp.	604-00000-14207	261.72	9/8/2023	161821	gelwrap
Wesco Receivables Corp.	604-00000-16300	24,775.00	9/1/2023	161711	pad mounted transformer - CIP - transformers
Wesco Receivables Corp.		25,036.72			
Western Area Power Admin. US Dept of Energy	604-00000-20100	7,340.02	8/9/2023	161436	July 2023 Electric Service
Western Area Power Admin. US Dept of Energy		7,340.02			
Williams Thomas/Heather	604-00000-20200	3.25	8/2/2023	161327	Refund Check 017811-000, 838 REDWOOD DR
Williams Thomas/Heather	604-00000-20200	27.25	8/2/2023	161327	Refund Check 017811-000, 838 REDWOOD DR
Williams Thomas/Heather	602-00000-20200	7.75	8/2/2023	161327	Refund Check 017811-000, 838 REDWOOD DR
Williams Thomas/Heather	601-00000-20200	5.17	8/2/2023	161327	Refund Check 017811-000, 838 REDWOOD DR
Williams Thomas/Heather	602-00000-20200	0.21	8/2/2023	161327	Refund Check 017811-000, 838 REDWOOD DR
Williams Thomas/Heather	602-00000-20200	0.38	8/2/2023	161327	Refund Check 017811-000, 838 REDWOOD DR
Williams Thomas/Heather	601-00000-20200	0.23	8/2/2023	161327	Refund Check 017811-000, 838 REDWOOD DR
Williams Thomas/Heather	601-00000-20200	12.27	8/2/2023	161327	Refund Check 017811-000, 838 REDWOOD DR
Williams Thomas/Heather	604-00000-20200	2.25	8/2/2023	161327	Refund Check 017811-000, 838 REDWOOD DR
Williams Thomas/Heather		58.76			
		2,502,634.69			



Fairmont Public Utilities Commission
September 19, 2023

Agenda Item: 8.1

From: Miles Heide – Electric Department Superintendent
To: Public Utilities Commission

Subject: Approval of Electric Department PO 14823- CIP 500 KVA 3 Phase Transformer

Policy/Action Requested:

Vote Required: Simple Majority Roll Call

Recommendation: Approval

Overview: The Electric Line Department is requesting approval to purchase a 500 KVA 3 phase transformer to replace a deteriorating existing transformer at the Fairmont Medical Center. The existing transformer is rusting out with a temporary plate of steel covering the affected area. Once this defective transformer is replaced, it can be sent in for refurbishing and repair, and placed back into stock for future spare, or used for a new electric service. The lead time on this new transformer is slated for arrival in fall of 2023 and will be a capital expenditure for 2023.

Budget Impact: 2023 CIP Transformers

Attachments: PO #14823 and quotes

PUC Action: _____ Date: _____



CITY OF FAIRMONT
100 DOWNTOWN PLAZA
FAIRMONT, MN 56031
507-238-9461 507-238-9044 (fax)

GL ACCOUNT NO. 604 00000 16300	PURCHASE ORDER NO. / WORK ORDER NO. 148 23
VENDOR: IRBY	SHIP TO: LINE DEPT

DATE ORDERED: 8/24/23	DATE REQUIRED:
------------------------------	-----------------------

QUANTITY	STOCK #	DESCRIPTION	PRICE	AMOUNT
1		500 KVA 12470/7200-208Y/120 3 PHASE TRANSFORMER		\$38,450.00
				\$38,450.00

PLEASE ENTER OUR ORDER FOR GOODS LISTED ABOVE. NOTIFY US IMMEDIATELY IF YOU ARE UNABLE TO COMPLETE BY DATE REQUIRED

SALES TAX EXEMPT

AUTHORIZED SIGNATURE



STUART C IRBY BR673 BURNSVILLE
 12501 DUPONT AVE SOUTH
 BURNSVILLE MN 55337
 763-588-0545

Quotation

QUOTE DATE	ORDER NUMBER
08/23/23	S013694909
REMIT TO: STUART C IRBY CO POST OFFICE BOX 741001 ATLANTA GA 30384-1001	PAGE NO. 1

SOLD TO:
 CITY OF FAIRMONT
 100 DOWNTOWN PLAZA
 FAIRMONT, MN 56031

SHIP TO:
 CITY OF FAIRMONT
 1120 MARCUS STREET
 FAIRMONT, MN 56031-3744
 507-238-9461

ORDERED BY: MILES

CUSTOMER NUMBER		CUSTOMER ORDER NUMBER		JOB/RELEASE NUMBER		OUTSIDE SALESPERSON	
114996						Troy E Deal	
INSIDE SALESPERSON		REQD DATE	FRGHT ALLWD	SHIP VIA			
Jeffrey M La		08/23/23	Yes	BW BEST-WAY			
ORDER QTY	SHIP QTY	LINE	DESCRIPTION			Net	Ext Amt
1EA		1	*HOIN T5007212-ST-LP-DF-WI-BF-PS- TG-6H 3PH PAD-MT 500KVA HV: 12470GY/7200 LV:208Y/120 SPLIT TAPS LOOP FEED DEAD FRONT WELLS & INSERTS BAYONET FUSE AMOR CORE 2-POSITION LBOR SWITCH OIL TEMP GAUGE 6-HOLE SPADES ***** IRBY STOCK UNIT AVAILABLE MID TO LATE OCTOBER ***** SUBJECT TO PRIOR SALE			38450.000EA	38450.00

*** This is a quotation ***

Prices firm for acceptance within 30 days with the exception of commodity prices which are subject to change daily. Quotation is void if changed. Complete quote must be used unless authorized in writing.

Subtotal	38450.00
S&H CHGS	0.00
Sales Tax	0.00
TOTAL	38450.00

OUR PRODUCT AND SERVICES ARE SUBJECT TO, AND GOVERNED EXCLUSIVELY BY, OUR TERMS AND CONDITIONS OF SALE, WHICH ARE INCORPORATED HEREIN AND AVAILABLE AT www.irby.com/terms. 40
 ADDITIONAL OR CONFLICTING TERMS ARE REJECTED, VOID AND OF NO FORCE OR EFFECT.

** Reprint ** Reprint ** Reprint **

QTY	kVA	EACH (USD)	NL	LL	TL	Conductor	%Z
1	500	\$44,155	657 @ 85	4682 @ 85	5340	Al/Al	2.31

Quoted loss values are subjected to ANSI Test Tolerances.

Description:

WESCO

- Type** : Liquid-Filled MTR Padmounted Transformer
- Fluid** : Mineral Oil
- Core** : Grain Oriented Steel
- Phase** : 3 Phase
- Frequency** : 60 Hz
- Average Winding Rise** : 65 °C
- Ambient Temperature** : 30 °C
- High Voltage** : 12470GrdY/7200
- High Voltage Taps** : +2 -2 2.5%
- High Voltage BIL** : 95kV BIL
- Low Voltage** : 208Y/120
- Low Voltage BIL** : 30kV BIL
- Neutral** : H0X0 bushing with ground strap
- Feed Configuration** : Loop feed
- Color** : Green (Munsell 7GY 3.29/1.5)

Features (included in price):

TANK & CABINET

- Penta-head cabinet handle bolt

BUSHINGS

- Threaded stud LV bushings x 4
- Loadbreak Inserts (dead front) x 6
- HV Bushing pattern per ANSI standard C57.12.34, Fig 12 & 16 (5.0" spacing)
- 200 amp HV bushing wells x 6
- 10-hole NEMA spade terminals x 4
- Spade Supports
- ANSI C57.12.26 Fig 7&8a specific stgrd LV bushing pattern

FUSES

- Fused bayonet with isolation link x 3

SWITCHES

- 2-position 300 amp LBOR Line A switch
- 2-position 300 amp LBOR Line B switch
- 2-position 300 amp LBOR transformer switch

MONITORING

- Liquid level gauge
- Pressure Relief Valve
- Dial type thermometer
- Provisions for pressure/vacuum gauge

FITTINGS

- Drain valve and sampler

MARKINGS

- External KVA Stencil
- External Voltage Stencil

OTHER

- 9.5" x 17.5" Tank Handhole Cover
- 24" deep cabinet
- DOE Efficiency (2016)



Fairmont Public Utilities Commission
September 19, 2023

Agenda Item: 8.2

From: Brady Powers
To: Public Utilities Commission

Subject: Digester Improvements – PO #14843 Heating System and Equipment

Policy/Action Requested: Motion to approve purchase order
Vote Required: Simple Majority Roll Call

Recommendation: Staff is recommending approval.

Overview: This project includes the purchase and replacement of boiler, expansion tank, recirculating pumps, bladder, 5-unit heaters, labor, and disposal. Equipment will be set up by a trained certified technician.

The current boiler and heaters are dated 1972.

This project will drastically improve boiler efficiencies.

Two quotes were requested and attached for PUC review.

Total Project Cost

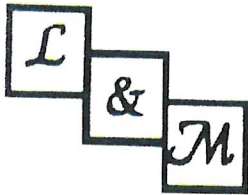
\$ 93,534.00

Budget Impact:

This project is included in the 2023 CIP Budget – Digester Improvements

PUC Action: _____ Date: _____

C I T Y O F L A K E S



L & M BOILER SYSTEMS, INC.

PO Box 1051, Austin, MN 55912 ■ E-mail: office@lmboilersystems.com

TEL: 507.433.8718 ■ FAX: 507.433.4030 ■ *24-Hour Service*

National Board "R" Stamp ■ ASME "H" & "PP" Stamps ■ MN High Pressure Pipefitting Contractor, License 000185-BL

■ Hydronic & Steam Systems ■ Major Boiler Repairs ■ Certified Welding ■ Gas & Oil Burner Service ■

August 23, 2023

Fairmont WWTP
301 East Margaret Street
Fairmont, MN 56031

dschiltz@fairmont.org

Dave,

As per your request for pricing to replace your boiler, L & M Boiler Systems, Inc. proposes the following:

- Removal of old pump, boiler and expansion tank
- Installation of 2 stageable boilers with 10:1 turndown for a total of 20:1 system turndown
- Installation of new bladder type expansion tank
- Installation of 1 new circulating pump as per request
- Start up by factory certified technician

The cost for the above work is **\$43,669.00**

As per the replacement of the heaters downstairs, L & M Boiler Systems, Inc. propose the following:

- Removal of 5 unit heaters
- Installation of 5 new unit heaters with protecting coating for corrosive environments
- Replacement of control valve and thermostat

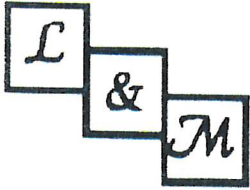
The cost for the above work is **\$29,465.00**

These prices do not include any structural or roofing work.

Thank you.

Robert Maxfield

L & M Boiler Systems, Inc.



L & M BOILER SYSTEMS, INC.

PO Box 1051, Austin, MN 55912 ■ E-mail: office@lmboilersystems.com
TEL: 507.433.8718 ■ FAX: 507.433.4030 ■ 24-Hour Service

National Board "R" Stamp ■ ASME "H" & "PP" Stamps ■ MN High Pressure Pipefitting Contractor, License 000185-BL
■ Hydronic & Steam Systems ■ Major Boiler Repairs ■ Certified Welding ■ Gas & Oil Burner Service ■

August 24, 2023

Fairmont WWTP
301 East Margaret Street
Fairmont, MN 56031

dschiltz@fairmont.org

Dave,

1. The 5 heaters we quoted were 4 for the basement and the 5th in the large storage addressed in question #4. I have not included the addition of a 5th heater in the basement. The cost to add the 5th heater is \$17,127.00
2. We did not include replacement of isolation valves. The cost for replacement of the isolation valves is \$2,278.00
3. I'm not sure of the location or sizes of the drain valves on the supple & return to the heaters. but an estimated cost to replace them is approximately \$995.00
4. Already in original price.
5. Yes, the bleeders will be on each heater. Manual bleeders are what come with the install.
 - The stack will be ran out the existing location. The new stack will be considerably smaller and will need some patching.

Thank you.


L & M Boiler Systems, Inc.

Total = \$93,534

Cress Refrigeration Inc.
 214 Budd St
 Fairmont, MN 56031



PROPOSAL

Presented to:
City of Fairmont WWTF
 100 Downtown Plaza
 Fairmont,
 Fairmont, MN 56031

Job # 42909
Job Name Boiler inspection
Proposal # P-42909-1
Technician Nick Cress
Issue Date Jul 19 2023

Customer Contact:

Service Location:
 301 E Margaret St
 Fairmont,
 Fairmont, MN 56031

Your Price: \$130,000.00

Description	Qty	Price
Boiler Replacement Project To replace the hot water heating boiler, (6) hanging unit heaters, (1) hot water heater. With associated piping, valves, pumps, controls. See Spec sheet attached for more detail.	1	\$130,000.00
Your Price		\$130,000.00

Review and Sign

Recommendations	Qty	Your Price
Con-X-US Remote Boiler Control System Remote boiler control / monitoring optional accessory	1	\$750.00

I decline the above recommendations

Proposal Notes:

Please see attached project specification sheet for full details on the replacement. Not included in the above, wiring (by city electrician), city permit / inspection (if required), state permit and inspection (if required), asbestos testing and abatement (if required).

Customer Approval:

I accept this proposal and agree to the terms and conditions.



Fairmont Public Utilities Commission
September 19, 2023

Agenda Item: 8.3

From: Julie Zarling
To: Public Utilities Commission

Subject: DER 2023-0002 Dayna Johnson Contract & Interconnection Agreement

Policy/Action Requested:

Vote Required: Simple Majority Roll Call

Recommendation: Approval

Overview:

Dayna Johnson is installing a solar Photovoltaic System at 215 WS 4th St. The system proposal has been reviewed and approved by Julie Zarling and by Doug Harstad, Building Inspector.

Approval is recommended for the DER contract and agreement.

Budget Impact: N/A

Attachments: DER 2023-0002 Dayna Johnson application, contract, and agreement.

PUC Action: _____ Date: _____

Simplified Interconnection Application

Persons interested in applying for the interconnection of a distributed energy resource (DER) to the Utility's distribution system through the Simplified Process are to fill out this Simplified Interconnection Application. The Simplified Interconnection Application is to be used for inverter-based DER technologies with the capacity of 20 kW AC or less and is to be filled out completely by the Applicant. The Simplified Application shall be returned to the Utility with the requested material information and a non-refundable \$100 application fee.

Proposed DER interconnections to the Utility's distribution submitted under the Simplified Process may be moved into the Fast Track Process if engineering screens are failed during the Simplified Interconnection Application review. Timeline for review of the Simplified Application is as follows:

- Upon receipt of a Simplified Interconnection Application the Utility has 10 business days to review the application for completeness.
- If the application is deemed incomplete, the Utility shall notify the Applicant of what additional information material is required.
- The Applicant has 5 business days to return the missing information material or their application may lose its queue position and be deemed withdrawn.
- The Utility shall have a total of 20 business days to review the Simplified Interconnection Application, not including time waiting for additional information material to deem the application completed.
- The Utility will notify the Application if the proposed DER system is preliminary approved for interconnection or if the proposed DER system will need to be moved in the Fast Track Process.

Checklist for Submission to Utility	
<i>The items below shall be included with submittal of the Simplified Application to the Utility. Failure to include all items will deem the Simplified Application incomplete.</i>	
	Included
\$100 Non-Refundable Simplified Application Fee	<input type="checkbox"/> Yes
One-line diagram – Details required on one-line diagram specified at the end of the interconnection application.	<input checked="" type="checkbox"/> Yes
All Certified Equipment Manufacturer Specification Sheets	<input checked="" type="checkbox"/> Yes
Site Layout Drawing	<input checked="" type="checkbox"/> Yes
Copy of Insurance Declaration page or other acceptable proof of insurance	<input checked="" type="checkbox"/> Yes
<u>Possible Additional Documentation</u>	
<ul style="list-style-type: none"> • If an Application Agent is being used for this project, the Site Layout Drawing must be signed by the Interconnection Customer indicating Site Control of the DER interconnection location. • If the DER export capacity is limited, include information material explaining the limiting capabilities. • If Energy Storage is included with the proposed DER system include the Energy Storage Application. 	

Received
7/14/23

Simplified Interconnection Application

Interconnection Customer		
Full Name (must match the name of the existing service account): Dayna Johnson		
Account Number: 06879-003	Meter Number: 11538 83	
Mailing Address: 215 W 4th St		
City: Fairmont	State: MN	Zip Code: 56031
Email: daynababy8@gmail.com	Phone: 507-848-9112	

Application Agent		
Is the Customer using an Application Agent for this application?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<i>If Interconnection Customer is not using an Application Agent, please skip to the next section.</i>		
Application Agent: Heikolo Hafoka		
Company Name: Solcius LLC		
Email: processing@solcius.com	Phone: 844-970-0175	

For Office Use Only		
Application ID:	Queue Number:	
Date Received:	Application Fee Received:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Date Preliminary Approval Provided to Applicant:		

Distributed Energy Resource Information			
Location (if different from mailing address of Interconnection Customer): 215 W 4th St Fairmont MN 56031			
Will the Proposed DER system be interconnected to an existing electric service?			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Is the Distributed Energy Resource a single generating unit or multiple?		<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple	
DER Type (Check all that apply):			
<input checked="" type="checkbox"/> Solar Photovoltaic	<input type="checkbox"/> Wind	<input type="checkbox"/> Energy Storage	
<input type="checkbox"/> Combined Heat and Power	<input type="checkbox"/> Solar Thermal	<input type="checkbox"/> Other (please specify)	
<i>DER systems with Energy Storage must also submit the Energy Storage Application to the Utility.</i>			
Inverter Manufacturer: Northern Electric Company		Model: BDM-300X2	
Phase Configuration of Proposed DER System:			<input checked="" type="checkbox"/> Single <input type="checkbox"/> Three
Aggregate Inverter(s) Nameplate Rating:	4kW-AC	kW_{ac}	kVA_{ac}
Is the export capability of the DER limited?			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<i>If the DER export capacity is limited, include information material explaining the limiting capabilities.</i>			
Aggregate DER Capacity (the sum of nameplate capacity of all generation and storage devices at the PCC):			kW_{ac}
Installed DER System Cost (before incentives):			\$ 39721.83
Estimated Installation Date:			7/31/23

Equipment Certification	
Is the DER equipment certified ¹ ?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<i>Please list all certified IEEE 1547 equipment below. Include all certified equipment manufacturer specification sheets with the Simplified Application submission.</i>	
Equipment Type	Certifying Entity
1	
2	
3	

¹ Information regarding certified equipment can be found in Section 14 and Section 15 of the Overview Process document.
 Fairmont Public Utilities
 100 DOWNTOWN PLAZA, FAIRMONT, MN 56031 TNEMMERS@FAIRMONT.ORG, 507-238-9461



Interconnection Agreement

Proposed DER interconnections that are also deemed Qualifying Facilities under Minnesota Statutes §216B.164 are eligible to sign the Utility’s Uniform Contract for Cogeneration and Small Power Production Facilities. Included in this agreement are payment terms for excess power generated by the proposed DER system the Utility may purchase. In lieu of the Utility’s Uniform Contract for Cogeneration and Small Power Production Facilities, the Interconnection Customer may choose to instead sign the Municipal Minnesota Interconnection Agreement (MMIA).

The Interconnection Customer requests an MMIA to be executed in lieu of the Utility’s Uniform Contract for Cogeneration and Small Power Production Facilities.


Yes No

Disclaimers – Must be completed by Interconnection Customer

	Initials
The Interconnection Customer has opportunities to request a timeline extension during the interconnection process. Failure by the Interconnection Customer to meet or request an extension for a timeline outlined in the Interconnection Process could result in a withdrawn queue position and the need to re-apply.	
Propose DER interconnection to the Utility’s distribution submitted under the Simplified Process may be moved into the Fast Track Process if engineering screens are failed during the Simplified Application review.	

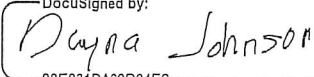
Application Signature – Must be completed by Interconnection Customer

I designate the individual or company listed as my Application Agent to serve as my agent for the purpose of coordinating with the Area EPS Operators on my behalf throughout the interconnection process.



 Initials

I hereby certify that, to the best of my knowledge, the information provided in this Application is true, and that I have appropriate Site Control in conformance with the Interconnection Process. I agree to abide by the Municipal Minnesota Distributed Energy Resource Interconnection Process (M-MIP) and return the Certificate of Completion when the DER has been installed.

DocuSigned by:

 03E931DA69D04E6...
 Applicant Signature: _____

6/13/2023
 Date: _____

*****Please print clearly or type and return completed along with any additional documentation*****

Information Required on One-Line Diagram

An Interconnection Application must include a site electrical one-line diagram showing the configuration of all Distributed Energy Resource equipment, current and potential circuits, and protection and control schemes. The one-line diagram shall include:

- Applicant name.
- Application ID.
- Installer name and contact information.
- Address where DER system will be installed - must match application address.
 - Be sure to list the address for the protective interface equipment if the protective interface equipment is located at a different address than the DER system.
- Correct positions of all equipment, including but not limited to panels, inverter, and DC/AC disconnect. Include distances between equipment, and any labeling found on equipment.



PO Box 45126
Jacksonville FL 32232-5126
For Service call: (800) 849-6140
For Claims call: (800) 220-1351

POLICY NUMBER
CP2044842

HOMEOWNERS 3 SPECIAL FORM
Client ID 000039977893

**COVERAGE
DECLARATION**

EFFECTIVE DATE 04/28/2023
EXPIRATION DATE 04/28/2024

NAMED INSURED:
DAYNA JOHNSON
215 W 4TH ST

AGENT:

ELITE INSURANCE GROUP INC
1400 CORPORATE DR STE 300
IRVING TX 75038
(800)849-6140

FAIRMONT MN 56031

LOCATION OF RESIDENCE PREMISES 215 W 4TH ST FAIRMONT MN 56031
EFFECTIVE TIME IS 12:01 A.M. STANDARD TIME AT YOUR RESIDENCE

**SECTION I
PROPERTY COVERAGES**

COVERAGE A DWELLING	COVERAGE B OTHER STRUCTURES	COVERAGE C PERSONAL PROPERTY	COVERAGE D LOSS OF USE	DEDUCTIBLE WIND/HAIL \$ 1,500
\$ 304,500	\$ 30,450	\$ 152,250	\$ 121,800	All Other \$ 1,000

SECTION II LIABILITY COVERAGES

COVERAGE E - PERSONAL LIABILITY \$ 500,000 EACH OCCURRENCE	COVERAGE F - MED PAY TO OTHERS \$ 5,000 EACH PERSON
---	--

	PREMIUM / CREDIT
COVERAGE A - DWELLING	1,600.45
COV E - PERSONAL LIABILITY	25.00
COV F - MED PAY TO OTHERS	9.00
HOME ALERT PROTECTION	-25.60
REPLACEMENT COST - CONTENTS	110.63
HOMEOWNERS INFLATION GUARD 5%	10.00
BACK-UP OF SEWERS OR DRAINS	83.00
BLDG ORDINANCE/LAW COV - 25%	58.19
COV A-25% EXTENDED REPLACEMENT	39.09

DISCOUNTS: AGE OF INS (40-49) DSC, NEWLY ACQUIRED HOME DISCOUNT
LOSS EXPERIENCE ADJ...\$102.08-

TOTAL POLICY PREMIUM	\$ 1,976.44
-----------------------------	--------------------

Please refer to the Mortgagee, Additional Insured and Certificateholder page
located behind the Declarations Page when applicable.

SEE REVERSE SIDE FOR POLICY FORMS AND ENDORSEMENTS

001 1924 FRAME 03 ** 2709120330
INSURED MN I1515H (08-03) 06/15/2023 Y6E 0055 ID46714

PAGE 1 OF 2



PO Box 45126
Jacksonville FL 32232-5126
For Service call: (800) 849-6140
For Claims call: (800) 220-1351
**COVERAGE
DECLARATION**

POLICY NUMBER
CP2044842
HOMEOWNERS 3 SPECIAL FORM
Client ID 000039977893
EFFECTIVE DATE 04/28/2023
EXPIRATION DATE 04/28/2024

NAMED INSURED:
DAYNA JOHNSON
215 W 4TH ST

FAIRMONT MN 56031

AGENT:

ELITE INSURANCE GROUP INC
1400 CORPORATE DR STE 300
IRVING TX 75038
(800)849-6140

LOCATION OF RESIDENCE PREMISES 215 W 4TH ST FAIRMONT MN 56031
EFFECTIVE TIME IS 12:01 A.M. STANDARD TIME AT YOUR RESIDENCE

**SECTION I
PROPERTY COVERAGES**

COVERAGE A	COVERAGE B	COVERAGE C	COVERAGE D	DEDUCTIBLE
DWELLING	OTHER STRUCTURES	PERSONAL PROPERTY	LOSS OF USE	WIND/HAIL \$ 1,500
\$ 304,500	\$ 30,450	\$ 152,250	\$ 121,800	All Other \$ 1,000

SECTION II LIABILITY COVERAGES

COVERAGE E - PERSONAL LIABILITY	COVERAGE F - MED PAY TO OTHERS
\$ 500,000	EACH OCCURRENCE
	\$ 5,000
	EACH PERSON

ANIMAL LIABILITY BUY BACK	PREMIUM / CREDIT
FIRE SAFETY SURCHARGE	27.00
FIXED EXPENSE FEE-FULLY EARNED	9.68
	30.00

INCLUDED COVERAGES : COV B-OTHR STRC; COV C-PERS PROP; COV D-LOSS USE; MOLD FUNGUS ROT; WIND/HAIL DED; COMMON CONSTR

DISCOUNTS: AGE OF INS (40-49) DSC, NEWLY ACQUIRED HOME DISCOUNT
LOSS EXPERIENCE ADJ...\$102.08-

TOTAL POLICY PREMIUM	\$ 1,976.44
-----------------------------	--------------------

Please refer to the Mortgagee, Additional Insured and Certificateholder page located behind the Declarations Page when applicable.

SEE REVERSE SIDE FOR POLICY FORMS AND ENDORSEMENTS

001 1924 FRAME 03 ** 2709120330
INSURED MN I1515H (08-03) 06/15/2023 Y6E 000 ID46714 PAGE 2 OF 2

AMENDMENT PROVISION

If the Declarations indicates your policy is amended, it will be effective on the date shown, and will provide the indicated insurance. Such amended Declarations replaces all prior Declarations. All other terms, conditions, agreements or limitations of the policy, other than contained on the Declarations shall remain the same.

FORMS AND ENDORSEMENTS

*This is a reprinted, new or revised document that changes your policy. Please read carefully.

***	HO 00 03	5 11	HOMEOWNERS 3 SPECIAL FORM
***	ANIMAL EXCL	3 21	IMPORTANT NOTICE - EXCLUSION
***	A6121 MN	9 6	SATELLITE DISH EXCLUSION
***	A6122 MN	12 8	OCCUPANCY ENDORSEMENT
***	A6125 MN	12 8	MORTGAGE CLAUSE
***	A6139 MN	2 10	SECTION II EARTH MOVEMENT EXCL
***	A6140 MN 03 21	0 0	AMENDATORY ENDORSEMENT
***	A6142 MN	12 6	PERS PROP REPL COST AMENDATORY
*	A6154	4 16	ANIMAL LIABILITY COVERAGE
*	A6300 MN	9 6	SPEC ADDL AMT OF INS COV A
*	FNIC DN MN	1 6	MINNESOTA DISCLOSURE NOTICE
***	FN1067	8 11	GUARANTY ASSOCIATION NOTICE
*	FN1243 08 12	0 0	IMPORTANT NOTICE-COV A LIMIT
***	FN1292	6 5	ABSOLUTE POLLUTION EXCLUSION
***	FN1326 04 12	0 0	DEDUCTIBLE PERCENTAGE ENDORSEM
***	FN1349	3 6	WAR EXCLUSION
***	FN1350	12 7	RADIOACTIVE CONTAMINATION EXCL
***	FN1351	3 6	BIOLOGICAL OR CHEMICAL MATERIA
***	FN1352	1 10	LAND, WATER AND AIR EXCLUSION
*	FN1472 MN	1 14	LIMITED WATER BACK UP AND SUMP
*	FN1505	8 8	IMPORTANT INFORMATION
*	FN1634	10 10	LIMITED SMOKE, SOOT AND ASH
***	FN1686 04 12	0 0	LIMITED HOME DAY CARE COVERAGE
*	GO GREEN	9 18	ACCESS TO POLICY DOCUMENTS
***	HO 01 22	8 20	SPECIAL PROVISIONS-MINNESOTA
*	HO 04 10	10 0	ADDITIONAL INTERESTS RES PREM
***	HO 04 16	10 0	PREMISES ALARM/FIRE PROTECTION
*	HO 04 27 05 11	0 0	LIMITED FUNGI, WET OR DRY ROT
*	HO 04 46	10 0	INFLATION GUARD
*	HO 04 77	10 0	ORDINANCE OR LAW INCR AMOUNT
***	HO 05 31	5 11	MOD FUNCTIONAL REPLACEMNT COST
***	HO 23 50	5 11	PERS PROP REPLACEMENT COST
***	IL N 058	9 3	MINNESOTA FRAUD STATEMENT
***	PRIVACY POLICY	1 20	PRIVACY POLICY
*	SP1869	2 17	DISCLOSURE-USE OF CREDIT INFO
*	SP2052	6 19	ADVISORY NOTICE-NEW COVERAGES
*	SP2072	12 19	ADVISORY NOTICE - NEW COVERAGE

DATE: _____ COUNTERSIGNED BY _____

Policy Number: CP2044842
HOMEOWNERS 3 SPECIAL FORM
Client ID: 000039977893
Effective: 04/28/2023

MORTGAGEE(S), ADDITIONAL INSURED(S), CERTIFICATE-HOLDER(S)

MORTGAGEE(S)

M&T BANK
ISAOA/ATIMA
PO BOX 5738
SPRINGFIELD OH 45501-5738
LOAN NUMBER: 4001845397

CERTIFICATE HOLDER(S)

DYANNA LYNN PARK
2507 ALBION AVE
FAIRMONT MN 56031-3305
LOAN NUMBER:

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INTERESTS

Residence Premises

SCHEDULE*

Name And Address Of Person Or Organization:

DYANNA LYNN PARK
2507 ALBION AVE
FAIRMONT MN 56031

Effective Date Of Interest: (Optional)

Description Of Interest: Certificateholder &/or Property Management Company &/or Additional Interest

Name And Address Of Person Or Organization:

Effective Date Of Interest: (Optional)

Description Of Interest: Certificateholder &/or Property Management Company &/or Additional Interest

* Entries may be left blank if shown elsewhere in this policy for this coverage.

In addition to the Mortgagee(s) shown in the Declarations or elsewhere in this policy, the persons or organizations named in the Schedule above also have an interest in the "residence premises".

CANCELLATION AND NONRENEWAL NOTIFICATION

If we decide to cancel or not to renew this policy, the persons or organizations named in the Schedule will be notified in writing.

All other provisions of this policy apply.



REGIONAL OFFICE
 SOLCIUS, LLC
 9124 GRAND AVE S
 SUITE 105
 MINNEAPOLIS, MN
 55420
 (844) 357-2258

CUSTOMER
 DAYNA JOHNSON
 215 W 4TH ST
 FAIRMONT, MN, 56031

UTILITY
 FAIRMONT PUBLIC
 UTILITIES COMM

SOLCIUS PROJECT #
 P-275224-23

FINANCER
 GOODLEAP

JURISDICTION
 FAIRMONT

DESIGNER
 MATTHEW ONING

SYSTEM SIZE
 (N) DC SIZE: 6.56KW
 (N) AC SIZE: 4KW

VERSION
 1.2.8

DATE
 6/20/2023

SCALE
 NOT TO SCALE

SHEET TITLE
 ELECTRICAL LINE
 DIAGRAM

SHEET #
 PV-4

TAG	DESCRIPTION	MANUFACTURER	PART NUMBER	NOTES
1	SOLAR PANEL	ZSOLAR	ZM07-SH10R-410M	TOTAL (N) PANEL COUNT: 16
2	MICRO INVERTER	NEP	BDM-300X2	(N) INVERTER COUNT: 8
3	INJECTION BOX	NEP	5133700 CAIEX	
4	COMBINER PANEL	NEP		
5	NON-FUSED AC DISCONNECT	EATON OR EQUAL	DG221URB-240V-20A-2P-3R	125A, 240V, 3 SPACE/16 CIRCUIT, 3R LOCKABLE
6	(N) MAIN SERVICE PANEL	EATON OR EQUAL		
7	BILLING METER		(N) BUS: 200 (N) MAIN: 200	

TAG	CONDUCTOR TYPE	MIN. CONDUCTOR SIZE (AWG)	# OF CONDUCTORS	CONDUIT TYPE	CONDUIT SIZE
A	PV WIRE	10	2	IN FREE AIR	N/A
B	THWN-2	10	1	MC THROUGH ATTIC WHERE POSSIBLE, OTHERWISE EMT RUN ON ROOF	3/4"
C	THWN-2/EGC/ECC	10	3	SCB W/ PVC	1-1/4"
D	THWN-2	10	3	EMT	3/4"

EQUIPMENT SCHEDULE

NEW INVERTERS: (8)NEP BDM-300X2 3.00KW = 4.8KW AC
 NEW PANELS: (1)EATON/NEP DGM7-5110R-410M *410V 40.56 KW DC

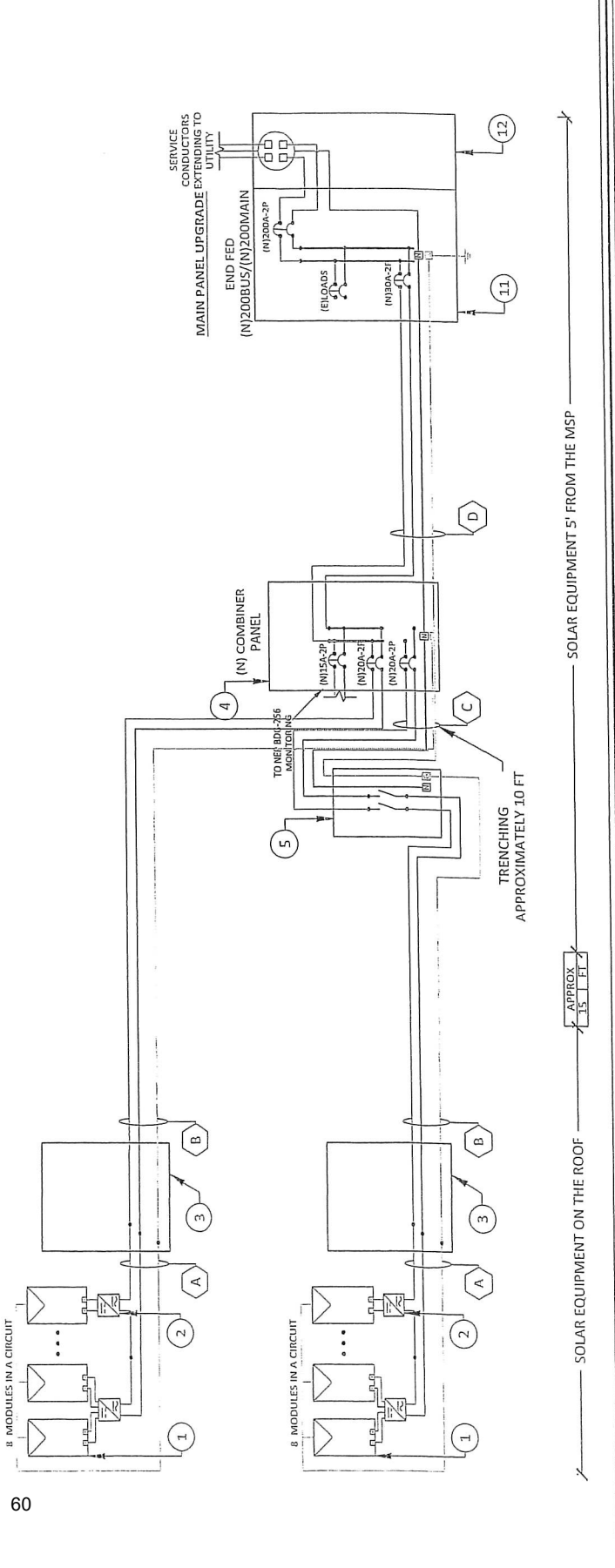
STC CALCULATION BOX

PV BREAKER SHALL BE FURTHEST POSITION AWAY FROM MAIN BREAKER PER NEC 2020 705.12(B)(3)(2).

NEW MAIN SERVICE PANEL INFORMATION
VOLTAGES: 120/240
PHASES: 3
BUSBARS: 2
TERMINALS: 20
FEED TYPE: (N) FEED
NEW PV SYSTEM BACKFEED:
FEED TYPE: (N) FEED

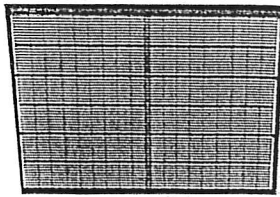
INVERTER SPECIFICATIONS
MODEL: BDM-300X2
MAX DC INPUT: 60 (N)
MAX AC OUTPUT: 300 (N)
NOMINAL AC OUTPUT: 200 (N)
MAX OUTPUT CURRENT: 2.0 (N)
OVERCURRENT PROTECTION: 20 (N)

MODULE SPECIFICATIONS
MODEL: ZM07-SH10R-410M
MAX POWER POINT CURRENT (MPP): 13.1 (N)
MAX POWER POINT VOLTAGE (MPP): 313 (N)
OPEN CIRCUIT VOLTAGE (OCV): 375 (N)
SHORT CIRCUIT CURRENT (SCC): 13.8 (N)
MAX POWER (PMAX): 410 (N)



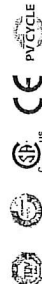
APPROX. 15' FT. SOLAR EQUIPMENT ON THE ROOF SOLAR EQUIPMENT 5' FROM THE MSP

ZXM7-SH108 Series



10BB HALF-CELL Black Monocrystalline PERC PV Module

390-410W **21.00%** **0.55%**
POWER RANGE **MAXIMUM EFFICIENCY** **YEARLY DEGRADATION**
12 **25** **25**
YEARS PRODUCT WARRANTY **YEARS OUTPUT GUARANTEE**



IEC 61215/IEC 61730/IEC 61739/IEC 62716/UL 1709

ISO 14001:2015 Environmental Management System

ISO 9001:2015 Quality Management System

RoHS REACH: Occasional Health and Safety Risk Assessment System

Organized Power

25 Years

KEY FEATURES

Excellent Cells Efficiency

MBB technology reduce the distance between busbars and finger grid line which is benefit to power increase.

Anti PID

Ensured PID resistance through the quality control of cell manufacturing process and raw materials.

TIER 1

Global Tier 1 bankable brand with independently certified advanced automated manufacturing.

Improved Aesthetics

Compared to conventional modules this full black modules have a more uniform appearance and superior aesthetics.



Better Weak Illumination Response

More power output in weak light condition, such as haze, cloudy, and early morning.



Adapt To Harsh Outdoor Environment

Resistant to harsh environments such as salt, ammonia, sand, high temperature and high humidity environment.

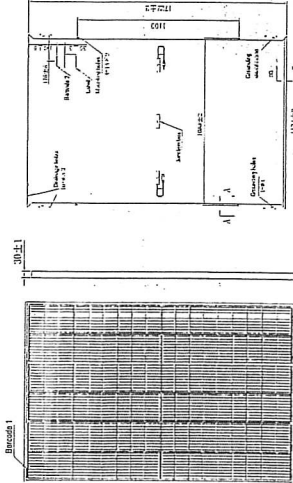


Excellent Quality Management System

Warranted reliability and stringent quality assurances well beyond certified requirements.

Founded in 1999, ZNSHINE solar is a world's leading high-tech PV module manufacturer. With the advanced production lines, the company boasts module capacity at 4GW. Meanwhile, ZNSHINE has been a global Tier 1 PV module maker. Today ZNSHINE has distributed its sales to more than 60 countries around the globe.

DIMENSIONS OF PV MODULE (mm)

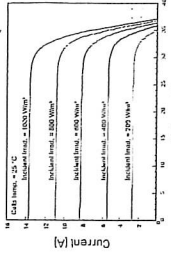


Front View

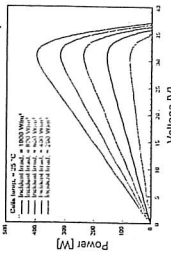
Back View

Maximum mechanical strength and stable length available upon request.

I-V CURVES OF PV MODULE (400W)



P-V CURVES OF PV MODULE (400W)



ELECTRICAL CHARACTERISTICS | STC*

Parameter	390	395	400	405	410
Nominal Power Watt Pmax(W)*	390.50	396.70	402.90	409.10	415.30
Maximum Power Voltage Vmp(V)	12.79	12.87	12.95	13.03	13.10
Maximum Power Current Imp(A)	36.70	36.90	37.10	37.30	37.50
Open Circuit Voltage Voc(V)	13.56	13.63	13.70	13.77	13.84
Short Circuit Current Isc(A)	19.97	20.23	20.48	20.74	21.00
Module Efficiency (%)	20.30	20.40	20.50	20.60	20.70

*The data are based on the standard test conditions (STC) with irradiance of 1000 W/m², AM1.5, cell temperature of 25°C, and wind speed of 1 m/s. The actual performance may vary due to the difference between the actual and the standard test conditions.

ELECTRICAL CHARACTERISTICS | MINIDT

Parameter	390	395	400	405	410
Maximum Power Pmax(Wp)	391.50	395.20	399.00	402.70	406.50
Maximum Power Voltage Vmp(V)	38.30	38.50	38.70	38.90	39.10
Maximum Power Current Imp(A)	10.29	10.35	10.41	10.47	10.53
Open Circuit Voltage Voc(V)	34.30	34.50	34.70	34.80	35.00
Short Circuit Current Isc(A)	10.95	11.01	11.06	11.12	11.18

PACKAGING CONFIGURATION

Parameter	36
Pieces/Box	36
Pieces/Container(40'HQ)	936

MECHANICAL DATA

Parameter	Value
Solar cells	Monocrystalline PERC
Cells orientation	1081 (6x18)
Module dimension	1723x1134x30 mm (with frame)
Weight	20.5±1.0 kg
Glass	3.2mm, High Transmission, AR Coated Tempered Glass
Junction box	IP 68, 3 diodes
Cables	4 mm², 350 mm (with connectors)

CONNECTORS

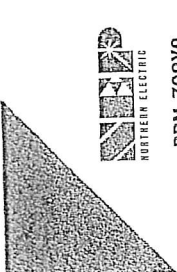
MC4-compatible

WORKING CONDITIONS

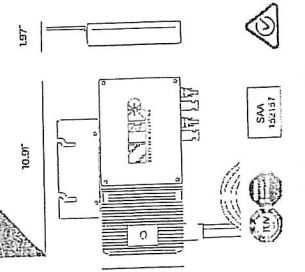
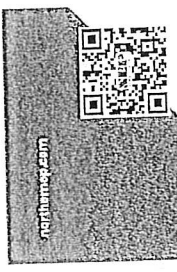
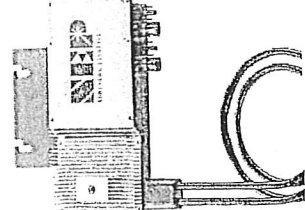
Parameter	Value
Maximum system voltage	1500 V DC
Operating temperature	-40°C~+85°C
Minimum series fuse	25 A
Front Side Minimum Static Loading	Up to 5400 Pa
Back Side Minimum Static Loading	Up to 2400 Pa

*The data are based on the standard test conditions (STC) with irradiance of 1000 W/m², AM1.5, cell temperature of 25°C, and wind speed of 1 m/s. The actual performance may vary due to the difference between the actual and the standard test conditions.

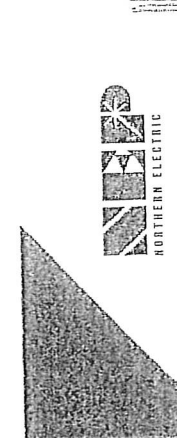
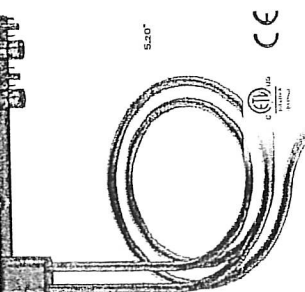
Note: Specifications included in this datasheet are subject to change without notice. ZNSHINE reserves the right of final interpretation. © ZNSHINE SOLAR 2022 | Version: ZXM7-SH108 2303.E
 No special undertaking or warranty for the suitability of special purpose or being installed in extraordinary surroundings is granted unless as otherwise specifically committed by manufacturer in contract document.



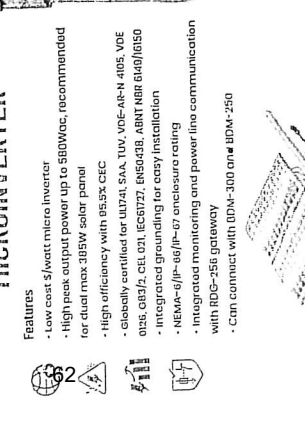
BDM-300X2 MICROINVERTER



BDM-300X2 MICROINVERTER



BDM-300X2 MICROINVERTER



Features

- Low cost \$/watt micro inverter
- High peak output power up to 580Wac, recommended for dual max 385W solar panel
- High efficiency with 95.5% CEC
- Globally certified for UL1741, SAA, TUV, VDE-AR-N 4005, VDE 0153, CB3/A, CEL 021, IEC61727, EN50438, ABNT NBR 6449/6150
- Integrated grounding for easy installation
- NEMA-6/IP-66/IP-67 enclosure rating
- Integrated monitoring and power line communication with RDG-256 gateway
- Can connect with BDM-300 or BDM-250

Important product information

- NEP is committed to developing Clean, Affordable, Reliable and Efficient (CARE) products for our customers worldwide.
- NEP microinverters have an isolation transformer and basic isolation between the DC input and the AC output network.

* Grid parameters are configurable through a BDC-288 or

- All NEC required adjustment factors have been considered for AC output, AC current and AC current circuit status values for Rated Output AC Current

COMPLIANCE

- NEC 7000 section 800.100 Arc-Fault Circuit Protection
- NEC 7000 section 800.100 Arc-Fault Circuit Protection
- NEC 7000 section 800.100 Arc-Fault Circuit Protection
- NEC 2500 section 765.12 Point of Connection (AC Arc-Fault Protection)

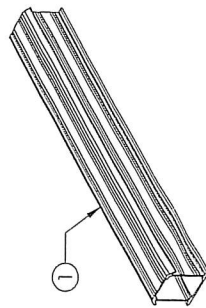
INPUT(DC)	Recommended Max PV Power (Wp)	450 X 2
	DC Open Circuit Voltage (Voc)	60
	Max DC Input Current (Amp)	14 X 2
	MPPT Tracking Accuracy	±0.05%
	MPPT Tracking Range (Vdc)	22-99
	Use PV (absolute maximum) (Vdc)	10 X 2
	Maximum Inverter Backload Current to the Array (Amp)	0
	Peak AC Output Power (Wp)	500
	Rated AC Output Power (Wp)	240, 200, 230
	Maximum AC Output Current (Amp)	21H-26A* 10H-23H* configurable
OUTPUT (AC)	Minimum Power Grid Voltage (Voc)	59.3 - 60.5* configurable
	Minimum Power Grid Voltage (Voc)	59.3 - 60.5* configurable
	THD	10.25 (at rated power)
	Power Factor (cos phi, Pfc)	209 24A, 18A, 21Z
	Rated Output Current (Amp)	50
	Current (rushy) (Peak and Duration)	2 *Arms for 3 cycles
	Nominal Frequency (Hz)	50
	Maximum Output Current (Amp)	10
	Maximum Output Overcurrent Protection (Amp)	7 6 6 6
	Maximum Number of Units Per Branch (20A)	95-50%
SYSTEM EFFICIENCY	(All NEC adjustment factors have been considered)	95.5%
	Weighted Average Efficiency (CEC)	95.5%
	Night Time Loss (Wp)	100
	Over/Under Voltage Protection	Yes
	Over/Under Frequency Protection	Yes
	Anti-Islanding Protection	Yes
	Over/Under Voltage Protection	Yes
	Over/Under Frequency Protection	Yes
	Over/Under Voltage Protection	Yes
	Over/Under Frequency Protection	Yes
PROTECTION FUNCTIONS	Protection Category	UL 1741
	Protection Category	IEC 62109-1
	Protection Category	IEC 62109-2
	Protection Category	IEC 62109-2
	Product Safety Compliance	UL 1741
	Product Safety Compliance	IEC 62109-1
	Product Safety Compliance	IEC 62109-2
	Product Safety Compliance	IEC 62109-2
	Product Safety Compliance	IEC 62109-2
	Product Safety Compliance	IEC 62109-2

PRODUCT CUT SHEET



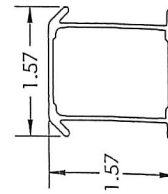
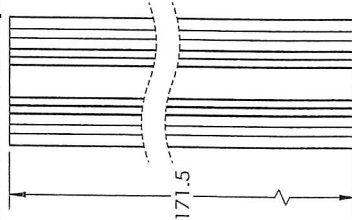
CF STD RAIL AL MILL 171.5"

PART NUMBER	DESCRIPTION
2012025	CF STD RAIL AL MILL 171.5"



ITEM NO.	DESCRIPTION
1	CF STD RAIL MILL AL RAIL EXTRUSION PROFILE, [4356.1MM] LONG

1) CF STD RAIL MILL AL RAIL EXTRUSION PROFILE, [4356.1MM] LONG

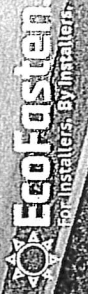


Material	Aluminum
Finish	Mill

REV.- CS1

CLICKFIT.

INSTALLATION GUIDE

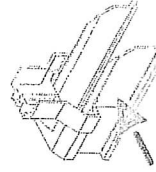


RATINGS

Fire Rating*	Class A System Fire Rating
Max System Voltage	1500 VDC
Max Fuse Rating	40A
Certification	Conforms to UL STD 2703
Warranty	25 Year Material and Workmanship
UL 2703 Markings	Product listing label is located on the rail end-caps
Roof Pitch	2:12 – 12:12
UL 2703 Allowable Design Load Rating	10 psf downward, 5 psf upward, and 5 psf lateral
Max Module Size	25.6 sqft
Module Orientation	Portrait or Landscape
Multiple use Rated Components (Position Independent)	Mid Clamp, Frame MLPE Mount and MLPE Mount

*Class A System fire rating with Type 1 & 2 PV modules. Any module-to-roof gap is permitted, with no skirt required. This rating is applicable with any roof attachment.

UL 2703 MARKING EXAMPLE:



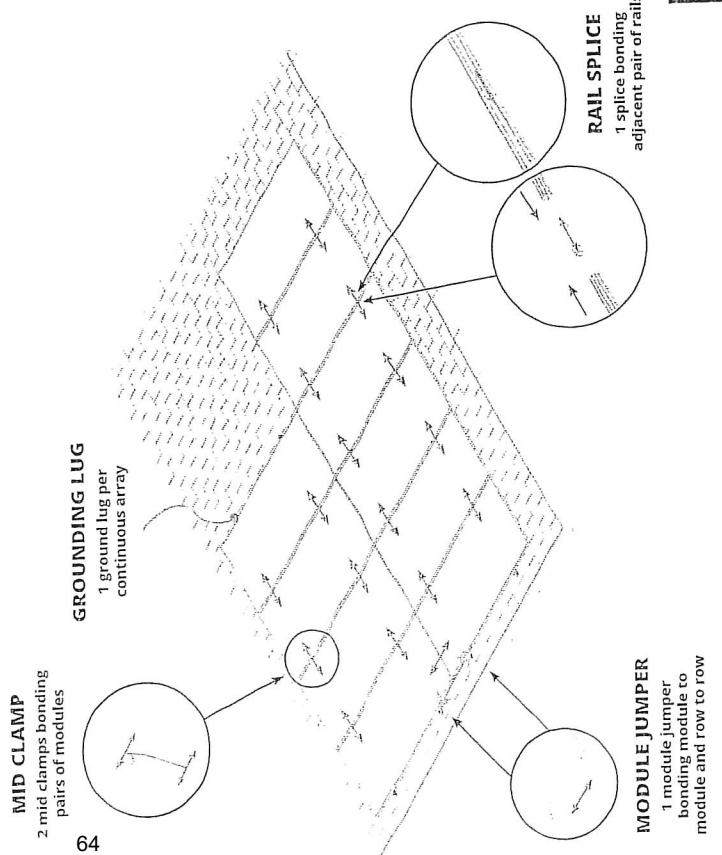
TORQUE SPECIFICATIONS

Component	Torque (in-lb)	Notes
Lag Screw	N/A	Fully Seat. Use visual indicator of the black EPDM ring around the bonded washer for torquing.
Mid-Clamp	144	
End-Clamp	96	
Rail Clicker/Leveling Bolt	142	Pre-torque upon delivery. Applies to Tile Hook and L-Foot/Clicker
Hook Height Bolt	N/A	Lightly clamp hook to flush with top of next tile row
Ground Lug	N/A	Refer to specific ground lug manufacturer's installation manual
MLPE Clip	144	
MLPE Mount	144	

LIST OF IEC 61215 APPROVED MODULES	
VSUN	VSUN modules with 30, 35 and 40 mm frames VSUNxxx-YYz-aa Where "yy" can be 60, 72, 108, 120, or 144; "z" can be M, P, MH, PH, or BMH; and "aa" can be blank, BB or BW
Waaree	Waaree modules with 40mm frames WSYy-xxx where "yy" can be blank or M
Winaico	Winaico modules with 35 and 40 mm frames WsY-xxxZa Where "y" can be either P or T; "Z" can be either M, P, or MX; and "a" can be blank or 6
Yingli	Yingli modules with 35 and 40 mm frames YLxxxZ-yy Where "Z" can be D or P; "yy" can be 29b, 30b, 34d, 35b, 36b or 40d
ZN Shine	ZN Shine modules with 35mm frames ZXMY-AAA-xxx/M Where "y" can be 6 or 7, "AAA" can be 72, NH120, NH144 or NHDB144

BONDING AND GROUNDING

BONDING PATHS
 Bonding paths are carried throughout the array in a variety of ways. They are carried module-to-module and module-to-rail through mid clamps, carried at rail-to-rail connections through the bonding jumpers, and carried row-to-row using bonding jumpers either module-to-module on the module frame or rail-to-rail on the ends of the rails.

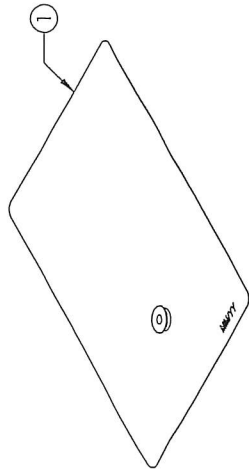


PRODUCT CUT SHEET



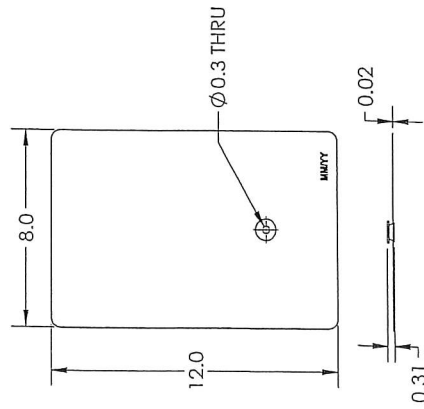
GF-1 FLASHING GLV BLK 8X12"

PART NUMBER	DESCRIPTION
3012010	GF-1 FLASHING GLV BLK 8X12"



ITEM NO.	DESCRIPTION
1	GF1-GAL-BLK-812

1) GF1-GAL-BLK-812



Material	Corrosion Resistant Steel
Finish	Black

REV. - CS1



REGIONAL OFFICE
 SOLCIUS, LLC
 9124 GRAND AVE S
 SUITE 105
 MINNEAPOLIS, MN
 55420
 (844) 357-2258

CUSTOMER
 DAYNA JOHNSON
 215 W 4TH ST
 FAIRMONT, MN, 56031

UTILITY
 FAIRMONT PUBLIC
 UTILITIES COMM

SOLCIUS PROJECT #
 P-275224-23

FINANCER
 GOODLEAP

JURISDICTION
 FAIRMONT

DESIGNER
 MATTHEW ONING

SYSTEM SIZE
 (N) DC SIZE: 6.56KW
 (N) AC SIZE: 4KW

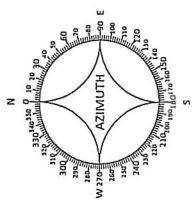
VERSION
 1.2.8

DATE
 6/20/2023

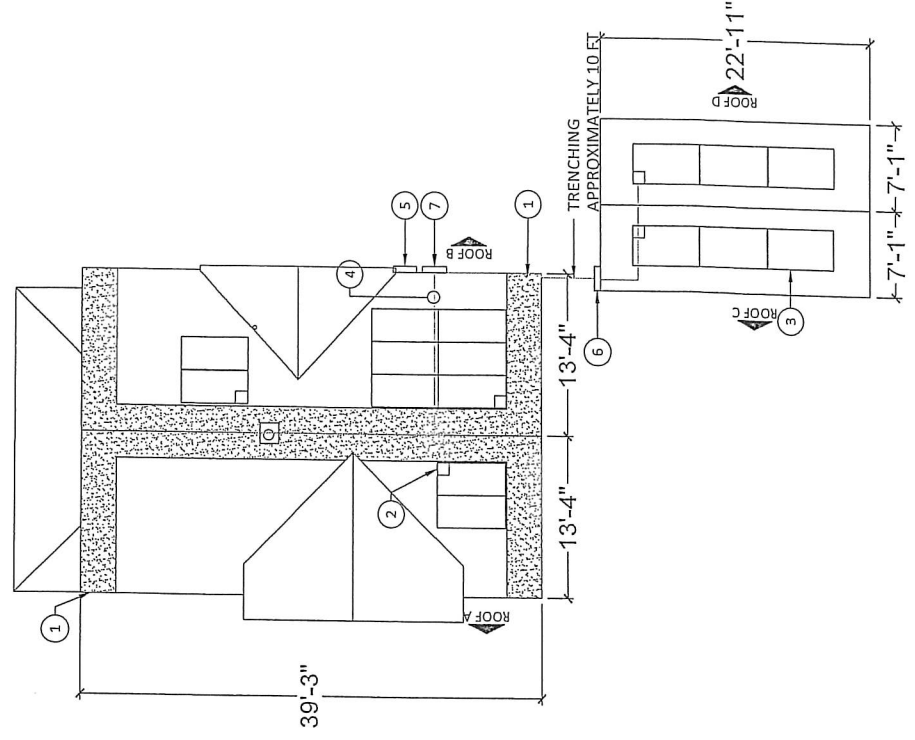
SCALE
 1" = 10.000001'

SHEET TITLE
 SITE PLAN

SHEET #
 PV-2



W 4th St



EQUIPMENT LABELS

- ROOF ACCESS
- JUNCTION BOX
- PHOTOVOLTAIC MODULES
- CONDUIT RUN
- BILLING METER & MAIN SERVICE PANEL
- NON-FUSED AC DISCONNECT
- COMBINER PANEL

AZIMUTH AND TILT TABLE

ROOF	AZIMUTH	ROOF TILT	MODULE COUNT	ROOF TYPE	SOLAR ACCESS
A	270	44	2	ASPHALT SHINGLE	94
B	90	44	8	ASPHALT SHINGLE	96
C	270	28	3	ASPHALT SHINGLE	93
D	90	28	3	ASPHALT SHINGLE	95

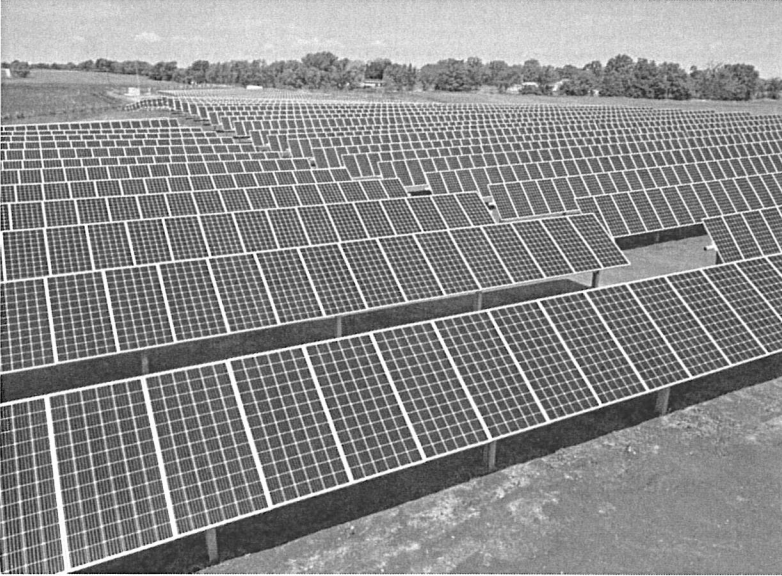
ZNSHINE ZXM7-SH10B-410/M TOTAL: 16
 NEP BDM-300X2 TOTAL: 8

FIRE SETBACKS

TOTAL ROOF AREA:	1225 sq ft
PROPOSED SOLAR AREA:	356.7 sq ft
PROPOSED SOLAR WEIGHT:	176.02 lb
PROPOSED % COVERAGE:	27.5%

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.

Signature:
 License Number: 57659-5
 Digitally sealed by Arlo Hujick, P.E.
 Date: 06/19/2023



Fairmont Public Utilities
INTERCONNECTION
AGREEMENT

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i. Contact Information

Contact information for each Party is listed below along with the basic information describing the Distributed Energy Resource (DER) system.

Area EPS Operator Information

Area EPS Operator: Fairmont Public Utilities

Attention: Julie Zarling

Address: 100 Downtown Plaza

Fairmont, MN 56031

Phone: 507-238-9461

Email: julie.zarling@fairmont.org

Interconnection Customer Information

Interconnection Customer: Dayna Johnson

Attention: Dayna Johnson

Address: 215 W 4th St.

Fairmont, MN 56031

Phone: 507-848-9112

Email: daynababy8@gmail.com

DER System Information

Application Number: 2023-0002

ZXM7-SH108 Series Half-Cell Black Monocrystalline PERC

Type of DER System: PV Module

Capacity Rating of System (AC): 4 kW

Limited Capacity Rating (AC):

Address of DER System: 215 W 4th St.

Fairmont, MN 56031

THIS AGREEMENT is made and entered into this 28 day of July 2023 by and between Dayna Johnson, (“Interconnection Customer”), and Fairmont Public Utilities, a municipal utility existing under the laws of the State of Minnesota, (“Area EPS Operator”). Interconnection Customer and Area EPS Operator each may be referred to as a “Party,” or collectively as the “Parties.”

In consideration of the mutual covenants set forth herein, the Parties agree as follows:

1 Scope and Limitations of Agreement

- 1.1. This Agreement is intended to provide for the Interconnection Customer to interconnect at the Point of Common Coupling and operate a Distributed Energy Resource with a Nameplate Rating of 10 Megawatts (MW) or less in parallel with the Area EPS at the location identified above and in the Interconnection Application.
- 1.2. This Agreement shall be used for all Interconnection Applications submitted under the Municipal Minnesota Distributed Energy Resources Interconnection Process (M-MIP) except for those Interconnection Applications that qualify and choose for the Uniform Contract to replace the need for this Agreement.
- 1.3. This Agreement governs the terms and conditions under which the Interconnection Customer’s Distributed Energy Resource will interconnect with, and operate in parallel with, the Area EPS Operator’s Distribution System.
- 1.4. Capitalized terms used herein shall have the meanings specified in the Glossary of Terms in Attachment 1, the M-MIP, or the body of this Agreement.
- 1.5. This Agreement does not constitute an agreement to purchase or deliver the Interconnection Customer’s power. The purchase or delivery of power and other services that the Interconnection Customer may require will be covered under separate agreements, if any. The Interconnection Customer will be responsible for separately making all necessary arrangements (including scheduling) for delivery of electricity with the applicable Area EPS Operator.
- 1.6. Nothing in this Agreement is intended to affect any other agreement between the Area EPS Operator and the Interconnection Customer.

2 Responsibilities of the Parties

- 2.1. The Parties shall perform all obligations of this Agreement in accordance with the M-MIP, Minnesota Technical Requirements, all Applicable Laws and Regulations, Operating Requirements, and Good Utility Practice.
- 2.2. The Interconnection Customer shall construct, interconnect, operate and maintain its Distributed Energy Resource and construct, operate, and maintain its Interconnection Facilities in accordance with the applicable manufacturer's recommended maintenance schedule and, in accordance with this Agreement, and with Good Utility Practice.
- 2.3. The Area EPS Operator shall construct, operate, and maintain its Distribution System and its Interconnection Facilities in accordance with this Agreement, and with Good Utility Practice.
- 2.4. The Interconnection Customer agrees to construct its facilities or systems in accordance with the Minnesota Technical Requirements and this Agreement; including, applicable specifications that meet or exceed those provided by the National Electrical Safety Code, the American National Standards Institute, Institute of Electrical and Electronics Engineers (IEEE), Underwriter's Laboratory (UL), and Operating Requirements in effect at the time of construction and other applicable national and state codes and standards. The Interconnection Customer agrees to design, install, maintain, and operate its Distributed Energy Resource so as to reasonably minimize the likelihood of a disturbance adversely affecting or impairing the system or equipment of the Area EPS Operator and any Affected Systems.
- 2.5. Each Party shall operate, maintain, repair, and inspect, and shall be fully responsible for the facilities that it now owns or subsequently owns unless otherwise specified in the Attachments to this Agreement. Each Party shall be responsible for the safe installation, maintenance, repair and condition of their respective lines and appurtenances on their respective sides of the point of common coupling. The Area EPS Operator and the Interconnection Customer, as appropriate, shall provide Interconnection Facilities that adequately protect the Area EPS Operator's Distribution System, personnel, and other persons from damage and injury. The allocation of responsibility for the design, installation, operation, maintenance and ownership of Interconnection Facilities shall be delineated in the Attachments to this Agreement.
- 2.6. The Area EPS Operator shall coordinate with all Affected Systems to support the interconnection.

3 Parallel Operation Obligations

- 3.1. Once the Distributed Energy Resource has been authorized to commence parallel operation, the Interconnection Customer shall abide by all rules and procedures pertaining to the parallel operation of the Distributed Energy Resource in the applicable control area, including, but not limited to; 1) the rules and procedures concerning the operation of generation set forth by the applicable system operator(s) for the Area EPS Operator's Distribution System provided or referenced in an attachment to this Agreement and; 2) the Operating Requirements set forth in Attachment 5 of this Agreement. The Minnesota Technical Requirements for interconnection are covered in a separate document, a copy of which has been made available to the Interconnection Customer and incorporated and made part of this Agreement by this reference.

4 Metering

- 4.1. As described in M-MIP Overview Process Section 9.1, the Interconnection Customer shall be responsible for the Area EPS Operator's reasonable and necessary cost for the purchase, installation, operation, maintenance, testing, repair, and replacement of metering and data acquisition equipment specified in Attachments 2 and 3 of this Agreement. The Interconnection Customer's metering (and data acquisition, as required) equipment shall conform to applicable industry rules and Operating Requirements.

5 Distributed Energy Resource Capabilities and Grid Reliability

- 5.1. The Minnesota Technical Requirements outlines the Parties responsibilities consistent with IEEE 1547 Standard for Interconnection and Interoperability of Distributed Energy Resources with Associated Electric Power Systems Interfaces which provides requirements relevant to the interconnection and interoperability performance, operation and testing, and, to safety, maintenance and security considerations.
- 5.2. The Area EPS Operator may offer the Interconnection Customer the option to utilize required DER capabilities to mitigate Interconnection Customer costs related to Upgrades or Interconnection Facilities to address anticipated system impacts from the engineering review (i.e. Initial Review, Supplemental Review, or Study Process described in the M-MIP.)

6 Equipment Testing and Inspection

- 6.1. As described in M-MIP Overview Process Section 9.3, the Interconnection Customer shall test and inspect its Distributed Energy Resource and Interconnection Facilities prior to interconnection pursuant to Minnesota Technical Requirements and this Agreement.

7 Authorization Required Prior to Parallel Operation

- 7.1. As described in M-MIP Overview Process Section 9.5, the Area EPS Operator shall use Reasonable Efforts to list applicable parallel operation requirements by attaching the Minnesota Technical Requirements and/or including them in Attachment 5 to this Agreement. Additionally, the Area EPS Operator shall notify the Interconnection Customer of any changes to these requirements as soon as they are known. Pursuant to the M-MIP Overview Process Section 8.5, the Interconnection Customer shall not operate its Distributed Energy Resource in parallel with the Area EPS Operator's Distribution System without prior written authorization of the Area EPS Operator.

8 Right of Access

- 8.1. Upon reasonable notice, the Area EPS Operator may send a qualified person to the premises of the Interconnection Customer at or immediately before the time the Distributed Energy Resource first produces energy to inspect the interconnection, and observe the commissioning of the Distributed Energy Resource (including any required testing), startup, and operation for a period of up to three (3) Business Days after initial start-up of the unit. In addition, the Interconnection Customer shall notify the Area EPS Operator at least five (5) Business Days prior to conducting any on-site verification testing of the Distributed Energy Resource.
- 8.2. Following the initial inspection process described above, at reasonable hours, and upon reasonable notice, or at any time without notice in the event of an emergency or hazardous condition, the Area EPS Operator shall have access to the Interconnection Customer's premises for any reasonable purpose in connection with the performance of the obligations imposed on it by this Agreement or if necessary to meet its legal obligation to provide service to its customers.
- 8.3. Each Party shall be responsible for its costs associated with the interconnection of the DER system as outlined in M-MIP Overview Process Section 9.3 and the Minnesota Technical Requirements.

9 Effective Date

9.1 This Agreement shall become effective upon execution by the Parties.

10 Term of Agreement

10.1. This Agreement shall become effective on the Effective Date and shall remain in effect from the Effective Date unless terminated earlier in accordance with Section 11 of this Agreement.

11 Termination

11.1. No termination shall become effective until the Parties have complied with all Applicable Laws and Regulations applicable to such termination.

11.2. The Interconnection Customer may terminate this Agreement at any time by giving the Area EPS Operator twenty (20) Business Days written notice.

11.3. The Area EPS Operator may terminate this Agreement if the listed electric generating facilities are not interconnected to the Area EPS Operator's distribution system within thirty-six (36) months of this Agreement signed by the Parties. The Parties may choose to delay termination by mutual agreement.

11.4. Either Party may terminate this Agreement after Default pursuant to Section 3.

11.5. Upon termination of this Agreement, the Distributed Energy Resource will be disconnected from the Area EPS Operator's Distribution System. All costs required to effectuate such disconnection shall be borne by the terminating Party, unless such termination resulted from the non-terminating Party's Default of this Agreement or such non-terminating Party otherwise is responsible for these costs under this Agreement.

11.6. The termination of this Agreement shall not relieve either Party of its liabilities and obligations, owed or continuing at the time of the termination.

11.7. The provisions of this article shall survive termination or expiration of this Agreement.

12 Temporary Disconnection

12.1. Temporary disconnection shall continue only for so long as reasonably necessary under Good Utility Practice.

- 12.2. Emergency Conditions. Under emergency conditions, the Area EPS Operator may immediately suspend interconnection service and temporarily disconnect the Distributed Energy Resource. The Area EPS Operator shall use Reasonable Efforts to notify the Interconnection Customer promptly when it becomes aware of an Emergency Condition that may reasonably be expected to affect the Interconnection Customer's operation of the Distributed Energy Resource. The Interconnection Customer shall use Reasonable Efforts to notify the Area EPS Operator promptly when it becomes aware of an Emergency Condition that may reasonably be expected to affect the Area EPS Operator's Distribution System or any Affected Systems. To the extent information is known, the notification shall describe the Emergency Condition, the extent of the damage or deficiency, the expected effect on the operation of both Parties' facilities and operations, its anticipated duration, and the necessary corrective action.
- 12.3. Temporary Interruption. The Area EPS Operator may interrupt interconnection service or curtail the output of the Distributed Energy Resource and temporarily disconnect the Distributed Energy Resource from the Area EPS Operator's Distribution System when necessary for routine maintenance, construction, or repairs on the Area EPS Operator's Distribution System. The Area EPS Operator shall use Reasonable Efforts to provide the Interconnection Customer with three (3) Business Days' notice prior to such interruption. The Area EPS Operator shall use Reasonable Efforts to coordinate such reduction or temporary disconnection with the Interconnection Customer.
- 12.4. Forced Outage. During any forced outage, the Area EPS Operator may suspend interconnection service to effect immediate repairs on the Area EPS Operator's Distribution System. The Area EPS Operator shall use Reasonable Efforts to provide the Interconnection Customer with prior notice. If prior notice is not given, the Area EPS Operator shall, upon request, provide the Interconnection Customer written documentation after the fact explaining the circumstances of the disconnection.
- 12.5. Adverse Operating Effects. The Area EPS Operator shall notify the Interconnection Customer as soon as practicable if, based on Good Utility Practice, operation of the Distributed Energy Resource may cause disruption or deterioration of service to other customers served from the same electric system, or if operating the Distributed Energy Resource could cause damage to the Area EPS Operator's Distribution System or Affected Systems. Supporting documentation used to reach the decision to disconnect shall be provided to the Interconnection Customer upon request. If, after notice, the Interconnection Customer fails to remedy the adverse operating effect within a reasonable time, the Area EPS Operator may disconnect the Distributed Energy Resource. The Area EPS Operator shall provide the Interconnection Customer

with five Business Day notice of such disconnection, unless the provisions of Section 12.2 apply.

- 12.6. Modification of the Distributed Energy Resource. The Interconnection Customer must receive written authorization from the Area EPS Operator before making any change to the Distributed Energy Resource that may have a material impact on the safety or reliability of the Distribution System. Such authorization shall not be unreasonably withheld if the modification is not a Material Modification. Material Modifications, including an increase Nameplate Rating or capacity, may require the Interconnection Customer to submit a new Interconnection Application as described in the M-MIP Overview Process Section 7. If the Interconnection Customer makes such modification without the Area EPS Operator's prior written authorization, the latter shall have the right to temporarily disconnect the Distributed Energy Resource.
- 12.7. Reconnection. The Parties shall cooperate with each other to restore the Distributed Energy Resource, Interconnection Facilities, and the Area EPS Operator's Distribution System to their normal operating state as soon as reasonably practicable following a temporary disconnection.
- 12.8. Treatment Similar to Other Retail Customers. If the Interconnection Customer receives retail electrical service at the same site as the Distributed Energy Resource, it may also be disconnected consistent with the rules and practices for disconnecting other retail electrical customer.
- 12.9. Disconnection for Default. If the Interconnection Customer is in Default of this Agreement, it may be disconnected after a sixty (60) day written notice is provided and the Default is not cured during this sixty (60) day notice. This provision does not apply to disconnection based on Sections 12.2, 12.3, 12.4 or 12.5 of this Agreement.

13 Cost Responsibility for Interconnection Facilities and Distribution Upgrades

- 13.1 Interconnection Facilities. The Interconnection Customer shall pay for the cost of the Interconnection Facilities itemized in Attachment 2 of this Agreement. The Area EPS Operator shall provide a good faith estimate cost, including overheads, for the purchase and construction of its Interconnection Facilities and provide a detailed itemization of such costs. Costs associated with Interconnection Facilities may be shared with other entities that may benefit from such facilities by agreement of the Interconnection Customer, such other entities, and the Area EPS Operator.

- 13.2 The Interconnection Customer shall be responsible for its share of all reasonable expenses, including overheads, associated with (1) owning, operating, maintaining, repairing, and replacing its own Interconnection Facilities, and (2) operating, maintaining, repairing, and replacing the Area EPS Operator's Interconnection Facilities.
- 13.3 Distribution Upgrades. The Area EPS Operator shall design, procure, construct, install, and own the Distribution Upgrades described in Attachment 6 of this Agreement. The Area EPS Operator shall provide a good faith estimate cost, including overheads, for the purchase and construction of the Distribution Upgrades and provide a detailed itemization of such costs. If the Area EPS Operator and the Interconnection Customer agree, the Interconnection Customer may construct Distribution Upgrades that are located on land owned by the Interconnection Customer. The actual cost of the Distribution Upgrades, including overheads, shall be directly assigned to the Interconnection Customer.

14 Cost Responsibility for Network Upgrades

- 14.1. Applicability. No portion of Section 14 shall apply unless the interconnection of the Distributed Energy Resource requires Network Upgrades.
- 14.2. Network Upgrades. The Area EPS Operator or the Transmission Owner shall design, procure, construct, install, and own the Network Upgrades described in Attachment 6 of this Agreement. The Area EPS Operator shall provide a good faith estimate cost, including overheads, for the purchase and construction of the Network Upgrades and provide a detailed itemization of such costs. If the Area EPS Operator and the Interconnection Customer agree, the Interconnection Customer may construct Network Upgrades that are located on land owned by the Interconnection Customer. Unless the Area EPS Operator elects to pay for Network Upgrades, the actual cost of the Network Upgrades, including overheads, shall be borne initially by the Interconnection Customer.
- 14.3. Repayment of Amounts Advanced for Network Upgrades. The Interconnection Customer shall be entitled to a cash repayment, equal to the total amount paid to the Area EPS Operator and Affected System operator, if any, for Network Upgrades, including any tax gross-up or other tax-related payments associated with the Network Upgrades, and not otherwise refunded to the Interconnection Customer, to be paid to the Interconnection Customer on a dollar-for-dollar basis for the non-usage sensitive portion of transmission charges, as payments are made under the Area EPS Operator's Tariff and Affected System's Tariff for transmission services with respect to the Distributed Energy Resource. Any repayment shall include interest

calculated in accordance with the methodology set forth in Federal Energy Regulatory Commission's (FERC's) regulations at 18 C.F.R. § 35.19a(a)(2)(iii) from the date of any payment for Network Upgrades through the date on which the Interconnection Customer receives a repayment of such payment pursuant to this subparagraph. The Interconnection Customer may assign such repayment rights to any person.

- 14.4. Notwithstanding the foregoing, the Interconnection Customer, the Area EPS Operator, and any applicable Affected System operators may adopt any alternative payment schedule that is mutually agreeable so long as the Area EPS Operator and said Affected System operators take one of the following actions no later than five years from the Commercial Operation Date: (1) return to the Interconnection Customer any amounts advanced for Network Upgrades not previously repaid, or (2) declare in writing that the Area EPS Operator or any applicable Affected System operators will continue to provide payments to the Interconnection Customer on a dollar-for-dollar basis for the non-usage sensitive portion of transmission charges, or develop an alternative schedule that is mutually agreeable and provides for the return of all amounts advanced for Network Upgrades not previously repaid; however, full reimbursement shall not extend beyond 20 years from the commercial operation date.
- 14.5. If the Distributed Energy Resource fails to achieve commercial operation, but it or another Distributed Energy Resource is later constructed and requires use of the Network Upgrades, the Area EPS Operator and Affected System operator shall at that time reimburse the Interconnection Customer for the amounts advanced for the Network Upgrades. Before any such reimbursement can occur, the Interconnection Customer, or the entity that ultimately constructs the Distributed Energy Resource, if different, is responsible for identifying the entity to which reimbursement must be made.
- 14.6. Special Provisions for Affected Systems. Unless the Area EPS Operator provides, under this Agreement, for the repayment of amounts advanced to any applicable Affected System operators for Network Upgrades, the Interconnection Customer and Affected System operator shall enter into an agreement that provides for such repayment. The agreement shall specify the terms governing payments to be made by the Interconnection Customer to Affected System operator as well as the repayment by Affected System Operator.
- 14.7. Rights Under Other Agreements. Notwithstanding any other provision of this Agreement, nothing herein shall be construed as relinquishing or foreclosing any rights, including but not limited to firm transmission rights, capacity rights, transmission congestion rights, or transmission credits, that the Interconnection

Customer shall be entitled to, now or in the future, under any other agreement or tariff as a result of, or otherwise associated with, the transmission capacity, if any, created by the Network Upgrades, including the right to obtain cash reimbursements or transmission credits for transmission service that is not associated with the Distributed Energy Resource.

15 Billing, Payment, Milestones, and Financial Security

- 15.1. Billing and Payment Procedures and Final Accounting. The Area EPS Operator shall bill the Interconnection Customer for the design, engineering, construction, and procurement costs of Interconnection Facilities and Upgrades contemplated by this Agreement, and the Interconnection Customer shall pay each bill, pursuant to the M-MIP Interconnection Process documents, or as otherwise agreed to by the Parties.
- 15.2. Within 80 Business Days (approximately 4 calendar months) of completing the construction and installation of the Area EPS Operator's Interconnection Facilities and/or Upgrades described in the Attachments to this Agreement, the Area EPS Operator shall provide the Interconnection Customer with a final accounting report, as described in the M-MIP Fast Track Process Section 9.4.3 and the Study Process Section 11.4.3.
- 15.3. Milestones. Pursuant to the M-MIP Fast Track Process Section 9.1 and the Study Process Section 11.1, the Parties shall agree on milestones for which each Party is responsible and list them in Attachment 4 of this Agreement.
- 15.4. Financial Security Arrangements. Pursuant to the M-MIP Fast Track Process Section 9.5 and the Study Process Section 11.5, the Interconnection Customer shall provide the Area EPS Operator, at the Interconnection Customer's option, a guarantee, letter of credit or other form of security that is reasonably acceptable to the Area EPS Operator and is consistent with the Minnesota Uniform Commercial Code. Such security for payment shall be in an amount sufficient to cover the costs for constructing, designing, procuring, and installing the applicable portion of the Area EPS Operator's Interconnection Facilities and Upgrades and shall be reduced on a dollar-for-dollar basis for payments made to the Area EPS Operator under this Agreement during its term. In addition:
- 15.4.1. The guarantee must be made by an entity that meets the creditworthiness requirements of the Area EPS Operator, and contain terms and conditions that guarantee payment of any amount that may be due from the Interconnection Customer, up to an agreed-to maximum amount.

- 15.4.2. The letter of credit must be issued by a financial institution or insurer reasonably acceptable to the Area EPS Operator and must specify a reasonable expiration not sooner than sixty (60) Business Days (three calendar months) after the due date for the issuance of the final bill.

16 Assignment, Force Majeure, Consequential Damages, and Default

- 16.1. This Agreement may be assigned by either Party upon 15 Business Days prior written notice and opportunity to object by the other Party; provided that:
 - 16.1.1. Either Party may assign this Agreement without the consent of the other Party to any affiliate of the assigning Party with an equal or greater credit rating and with the legal authority and operational ability to satisfy the obligations of the assigning Party under this Agreement, provided that the Interconnection Customer promptly notifies the Area EPS Operator of any such assignment.
 - 16.1.2. Interconnection Customer shall have the right to assign this Agreement, without the consent of the Area EPS Operator, for collateral security purposes to aid in providing financing for the Distributed Energy Resource, provided that the Interconnection Customer will promptly notify the Area EPS Operator of any such assignment.
 - 16.1.3. Any attempted assignment that violates this article is void and ineffective. Assignment shall not relieve a Party of its obligations, nor shall a Party's obligations be enlarged, in whole or in part, by reason thereof. An assignee is responsible for meeting the same financial, credit, and insurance obligations as the Interconnection Customer. Where required, consent to assignment will not be unreasonably withheld, conditioned or delayed.

17 Limitations of Liability

- 17.1. Each Party's liability to the other Party for any loss, cost, claim, injury, liability, or expense, including reasonable attorney's fees, relating to or arising from any act or omission in its performance of this Agreement, shall be limited to the amount of direct damage actually incurred. In no event shall either Party be liable to the other Party for any indirect, special, consequential, or punitive damages, except as authorized by this Agreement.

18 Non-Warranty

18.1. The Area EPS Operator does not give any warranty, expressed or implied, as to the adequacy, safety, or other characteristics of any structures, equipment, wires, appliances or devices owned, installed or maintained by the Interconnection Customer, including without limitation the Distributed Energy Resource and any structures, equipment, wires, appliances or devices not owned, operated or maintained by the Area EPS Operator.

19 Indemnity

19.1. This provision protects each Party from liability incurred to third parties as a result of carrying out the provisions of this Agreement. Liability under this provision is exempt from the general limitations on liability found in Section 17.

19.2. The Parties shall at all times indemnify, defend, and hold the other Party harmless from, any and all damages, losses, claims, including claims and actions relating to injury to or death of any person or damage to property, demand, suits, recoveries, costs and expenses, court costs, attorney fees, and all other obligations by or to third parties, arising out of or resulting from the other Party's action or failure to meet its obligations under this Agreement on behalf of the indemnifying Party, except in cases of gross negligence or intentional wrongdoing by the indemnified Party.

19.3. If an indemnified person is entitled to indemnification under this article as a result of a claim by a third party, and the indemnifying Party fails, after notice and reasonable opportunity to proceed under this article, to assume the defense of such claim, such indemnified person may at the expense of the indemnifying Party contest, settle or consent to the entry of any judgment with respect to, or pay in full, such claim.

19.4. If an indemnifying party is obligated to indemnify and hold any indemnified person harmless under this article, the amount owing to the indemnified person shall be the amount of such indemnified person's actual loss, net of any insurance or other recovery.

19.5. Promptly after receipt by an indemnified person of any claim or notice of the commencement of any action or administrative or legal proceeding or investigation as to which the indemnity provided for in this article may apply, the indemnified person shall notify the indemnifying party of such fact. Any failure of or delay in such notification shall not affect a Party's indemnification obligation unless such failure or delay is materially prejudicial to the indemnifying party.

- 19.6. This indemnification obligation shall apply notwithstanding any negligent or intentional acts, errors or omissions of the Indemnified Party, but the Indemnifying Party's liability to indemnify the Indemnifying Party shall be reduced in proportion to the percentage by which the Indemnified Party's negligent or intentional acts, errors or omissions caused damaged.
- 19.7. Neither Party shall be indemnified for its damages resulting from its sole negligence, intentional acts or willful misconduct. These indemnity provisions shall not be construed to relieve any insurer of its obligation to pay claims consistent with the provisions of a valid insurance policy.

20 Consequential Damages

- 20.1. Other than as expressly provided for in this Agreement, neither Party shall be liable under any provision of this Agreement for any losses, damages, costs or expenses for any special, indirect, incidental, consequential, or punitive damages, including but not limited to loss of profit or revenue, loss of the use of equipment, cost of capital, cost of temporary equipment or services, whether based in whole or in part in contract, in tort, including negligence, strict liability, or any other theory of liability; provided, however, that damages for which a Party may be liable to the other Party under another agreement will not be considered to be special, indirect, incidental, or consequential damages hereunder.

21 Force Majeure

- 21.1. If a Force Majeure Event prevents a Party from fulfilling any obligations under this Agreement, the Party affected by the Force Majeure Event (Affected Party) shall promptly notify the other Party, either in writing or via the telephone, of the existence of the Force Majeure Event. The notification must specify in reasonable detail the circumstances of the Force Majeure Event, its expected duration, and the steps that the Affected Party is taking to mitigate the effects of the event on its performance. The Affected Party shall keep the other Party informed on a continuing basis of developments relating to the Force Majeure Event until the event ends. The Affected Party will be entitled to suspend or modify its performance of obligations under this Agreement (other than the obligation to make payments) only to the extent that the effect of the Force Majeure Event cannot be mitigated by the use of Reasonable Efforts. The Affected Party will use Reasonable Efforts to resume its performance as soon as possible.

22 Default

- 22.1. No Default shall exist where such failure to discharge an obligation (other than the payment of money) is the result of a Force Majeure Event as defined in this Agreement or the result of an act or omission of the other Party. Upon a Default, the non-defaulting Party shall give written notice of such Default to the defaulting Party. Except as provided in Section 21, the defaulting Party shall have sixty (60) calendar days from receipt of the Default notice within which to cure such Default; provided however, if such Default is not capable of cure within sixty (60) calendar days, the defaulting Party shall commence such cure within twenty (20) calendar days after notice and continuously and diligently complete such cure within six (6) months from receipt of the Default notice; and, if cured within such time, the Default specified in such notice shall cease to exist.
- 22.2. If a Default is not cured as provided in this article, or if a Default is not capable of being cured within the period provided for herein, the non-defaulting Party shall have the right to terminate this Agreement by written notice at any time until cure occurs, and be relieved of any further obligation hereunder and, whether or not that Party terminates this Agreement, to recover from the defaulting Party all amounts due hereunder, plus all other damages and remedies to which it is entitled at law or in equity. The provisions of this article will survive termination of this Agreement.

23 Insurance

- 23.1. An Area EPS Operator may only require an Interconnection Customer to purchase insurance covering damages pursuant to the applicable M-MIP process document in which the distributed energy resource falls under.
- 23.2. The Area EPS Operator agrees to maintain general liability insurance or self-insurance consistent with the Area EPS Operator's commercial practice. Such insurance or self-insurance shall not exclude coverage for the Area EPS Operator's liabilities undertaken pursuant to this Agreement.
- 23.3. The Parties further agree to notify each other whenever an accident or incident occurs resulting in any injuries or damages that are included within the scope of coverage of such insurance, whether or not such coverage is sought.
- 23.4. Failure of the Interconnection Customer or Area EPS Operator to enforce the minimum levels of insurance does not relieve the Interconnection Customer from maintaining such levels of insurance or relieve the Interconnection Customer of any liability.

24 Confidentiality

- 24.1. Confidential Information shall mean any confidential and/or proprietary information provided by one Party to the other Party that is clearly marked or otherwise designated "Confidential." For purposes of this Agreement, design, operating specifications, and metering data provided by the Interconnection Customer may be deemed Confidential Information regardless of whether it is clearly marked or otherwise designated as such. If requested by either Party, the other Party shall provide in writing the basis for asserting that the information warrants confidential treatment. Parties providing a Governmental Authority trade secret, privileged or otherwise not public data under Minnesota Government Data Privacy Act, Minnesota Statutes Chapter 13, must provide information consistent with the Commission's September 1, 1999 Revised Procedures for Handling Trade Secret and Privileged Data.
- 24.2. Confidential Information does not include information previously in the public domain with proper authorization, required to be publicly submitted or divulged by Governmental Authorities (after notice to the other Party and after exhausting any opportunity to oppose such publication or release), or necessary to be publicly divulged in an action to enforce this Agreement. Each Party receiving Confidential Information shall hold such information in confidence and shall not disclose it to any third party nor to the public without the prior written authorization from the Party providing that information, except to fulfill obligations under this Agreement, or to fulfill legal or regulatory requirements that could not otherwise be fulfilled by not making the information public.
- 24.3. Each Party shall hold in confidence and shall not disclose Confidential Information, to any person (except employees, officers, representatives and agents, who agree to be bound by this section). Confidential Information shall be clearly marked as such on each page or otherwise affirmatively identified. If a court, government agency or entity with the right, power, and authority to do so, requests or requires either Party, by subpoena, oral disposition, interrogatories, requests for production of documents, administrative order, or otherwise, to disclose Confidential Information, that Party shall provide the other Party with prompt notice of such request(s) or requirements(s) so that the other Party may seek an appropriate protective order or waive compliance with the terms of this Agreement. In the absence of a protective order or waiver the Party shall disclose such confidential information which, in the opinion of its counsel, the party is legally compelled to disclose. Each Party will use reasonable efforts to obtain reliable assurance that confidential treatment will be accorded any confidential information so furnished.

- 24.4. Critical infrastructure information or information that is deemed or otherwise designated by a Party as Critical Energy/Electric Infrastructure Information (CEII) pursuant to FERC regulation 18 C.F.R. §388.133, as may be amended from time to time, may be subject to further protections for disclosure as required by FERC or FERC regulations or orders and the disclosing Party's CEII policies.
- 24.5. Each Party shall employ at least the same standard of care to protect Confidential Information obtained from the other Party as it employs to protect its own Confidential Information.
- 24.6. Each Party is entitled to equitable relief, by injunction or otherwise, to enforce its rights under this provision to prevent the release of Confidential Information without bond or proof of damages, and may seek other remedies available at law or in equity for breach of this provision.

25 Disputes

The Parties agree in a good faith effort to attempt to resolve all disputes arising out of the interconnection process and associated study and Interconnection Agreements. The Parties agree to follow the established dispute resolution policy adopted by the Area EPS Operator.

26 Taxes

- 26.1. The Parties agree to follow all applicable tax laws and regulations, consistent with Internal Revenue Service and any other relevant local, state and federal requirements.
- 26.2. Each Party shall cooperate with the other to maintain the other Party's tax status. It is incumbent on the Party seeking to maintain its tax status to provide formal written notice to the other Party detailing what exact cooperation it is seeking from the other Party well prior to any deadlines by which any such action would need to be taken. Nothing in this Agreement is intended to adversely affect, if applicable, the Area EPS Operator's tax-exempt status with respect to the issuance of bonds including, but not limited to, local furnishing bonds.

27 Miscellaneous

- 27.1. Governing Law, Regulatory Authority, and Rules. The validity, interpretation and enforcement of this Agreement and each of its provisions shall be governed by the Area EPS Operator's board of directors and the laws of the state of Minnesota, without regard to its conflicts of law principles. This Agreement is subject to all

Applicable Laws and Regulations. Each Party expressly reserves the right to seek changes in, appeal, or otherwise contest any laws, orders, or regulations of a Governmental Authority.

- 27.2. Amendment. The Parties may amend this Agreement by a written instrument duly executed by both Parties, or under Section 27.12 of this Agreement.
- 27.3. No Third-Party Beneficiaries. This Agreement is not intended to and does not create rights, remedies, or benefits of any character whatsoever in favor of any persons, corporations, associations, or entities other than the Parties, and the obligations herein assumed are solely for the use and benefit of the Parties, their successors in interest and where permitted, their assigns.
- 27.4. Waiver. The failure of a Party to this Agreement to insist, on any occasion, upon strict performance of any provision of this Agreement will not be considered a waiver of any obligation, right, or duty of, or imposed upon, such Party. Any waiver at any time by either Party of its rights with respect to this Agreement shall not be deemed a continuing waiver or a waiver with respect to any other failure to comply with any other obligation, right, duty of this Agreement. Termination or default of this Agreement for any reason by Interconnection Customer shall not constitute a waiver of the Interconnection Customer's legal rights to obtain an interconnection from the Area EPS Operator. Any waiver of this Agreement shall, if requested, be provided in writing.
- 27.5. Entire Agreement. This Agreement, including all Attachments, constitutes the entire agreement between the Parties with reference to the subject matter hereof, and supersedes all prior and contemporaneous understandings or agreements, oral or written, between the Parties with respect to the subject matter of this Agreement. There are no other agreements, representations, warranties, or covenants which constitute any part of the consideration for, or any condition to, either Party's compliance with its obligations under this Agreement. This Agreement can only be amended or modified in writing signed by both Parties.
- 27.6. Multiple Counterparts. This Agreement may be executed in two or more counterparts, each of which is deemed an original but all constitute one and the same instrument. Electronic signatures are acceptable if the Area EPS Operator has made such a determination pursuant to M-MIP Overview Process Section 4.1.
- 27.7. No Partnership. This Agreement shall not be interpreted or construed to create an association, joint venture, agency relationship, or partnership between the Parties or to impose any partnership obligation or partnership liability upon either Party.

Neither Party shall have any right, power or authority to enter into any agreement or undertaking for, or act on behalf of, or to act as or be an agent or representative of, or to otherwise bind, the other Party.

27.8. Severability. If any provision or portion of this Agreement shall for any reason be held or adjudged to be invalid or illegal or unenforceable by any court of competent jurisdiction or other Governmental Authority, (1) such portion or provision shall be deemed separate and independent, (2) the Parties shall negotiate in good faith to restore insofar as practicable the benefits to each Party that were affected by such ruling, and (3) the remainder of this Agreement shall remain in full force and effect.

27.9. Security Arrangements. Infrastructure security of electric system equipment and operations and control hardware and software is essential to ensure day-to-day reliability and operational security. All public utilities are expected to meet basic standards for system infrastructure and operational security, including physical, operational, and cyber-security practices.

27.10. Environmental Releases. Each Party shall notify the other Party, first orally and then in writing, of the release of any hazardous substances, any asbestos or lead abatement activities, or any type of remediation activities related to the Distributed Energy Resource or the Interconnection Facilities, each of which may reasonably be expected to affect the other Party. The notifying Party shall (1) provide the notice as soon as practicable, provided such Party makes a good faith effort to provide the notice no later than 24 hours after such Party becomes aware of the occurrence, and (2) promptly furnish to the other Party copies of any publicly available reports filed with any governmental authorities addressing such events.

27.11. Subcontractors. Nothing in this Agreement shall prevent a Party from utilizing the services of any subcontractor as it deems appropriate to perform its obligations under this Agreement. Each Party shall require its subcontractors to comply with all applicable terms and conditions of this Agreement in providing such services and each Party shall remain primarily liable to the other Party for the performance of such subcontractor.

27.11.1. The creation of any subcontract relationship shall not relieve the hiring Party of any of its obligations under this Agreement. The hiring Party shall be fully responsible to the other Party for the acts or omissions of any subcontractor the hiring Party hires as if no subcontract had been made. In no event shall the Area EPS Operator be liable for the actions or inactions of the Interconnection Customer or its subcontractors with respect to obligations of the Interconnection Customer under this

Agreement. Any applicable obligation imposed by this Agreement upon the hiring Party shall be equally binding upon, and shall be construed as having application to, any subcontractor of such Party.

27.11.2. The obligations under this article will not be limited in any way by any limitation of subcontractor's insurance.

27.12. Inclusion of Area EPS Operator Tariff and Rules. The interconnection services provided under this Agreement shall at all times be subject to the terms and conditions set forth in the rate schedules and rules applicable to the electric service provided by the Area EPS Operator, which rate schedules and rules are hereby incorporated into this Agreement by this reference.

28 Notices

28.1. General. Unless otherwise provided in this Agreement, any written notice, demand, or request required or authorized in connection with this Agreement ("Notice") shall be deemed properly given if delivered in person, delivered by recognized national courier service, or sent by first class mail, postage prepaid, to the person specified as follows:

Area EPS Operator Information

Area EPS Operator: Fairmont Public Utilities

Attention: Julie Zarling

Address: 100 Downtown Plaza

Fairmont, MN 56031

Phone: 507-238-9461

Email: julie.zarling@fairmont.org

Interconnection Customer Information

Interconnection Customer: Dayna Johnson

Attention: Dayna Johnson

Address: 215 W 4th St.

Fairmont, MN 56031

Phone: 507-848-9112

Email: daynababy8@gmail.com

28.2. Billing and Payment. Billing and payments shall be sent to the addresses set out below:

Area EPS Operator Information

Area EPS Operator: Fairmont Public Utilities

Attention: Julie Zarling

Address: 100 Downtown Plaza

Fairmont, MN 56031

Phone: 507-238-9461

Email: julie.zarling@fairmont.org

Interconnection Customer Information

Interconnection Customer: Dayna Johnson

Attention: Dayna Johnson

Address: 214 W 4th St

Fairmont, MN 56031

Phone: 507-848-9112

Email: _____

28.3. Alternative Forms of Notice. Any notice or request required or permitted to be given by either Party to the other and not required by this Agreement to be given in writing may be so given by telephone or e mail to the telephone numbers and e-mail addresses set out below:

Area EPS Operator Information

Area EPS Operator: Fairmont Public Utilities

Attention: Julie Zarling

Address: 100 Downtown Plaza

Fairmont, MN 56031

Phone: 507-238-9461

Email: julie.zarling@fairmont.org

Interconnection Customer Information

Interconnection Customer: _____
Attention: _____

Address: _____

Phone: _____

Email: _____

28.4. Designated Operating Representative. The Parties may also designate operating representatives to conduct the communications which may be necessary or convenient for the administration of this Agreement. This person will also serve as the point of contact with respect to operations and maintenance of the Party's facilities.

Area EPS Operator Information

Area EPS Operator: Fairmont Public Utilities

Attention: Julie Zarling

Address: 100 Downtown Plaza

Fairmont, MN 56031

Phone: 507-238-9461

Email: julie.zarling@fairmont.org

Interconnection Customer Information

Interconnection Customer:

Attention:

Address:

Phone:

Email:

28.5. Changes to Notification. Either Party may change this information by giving five Business Days written notice to the other Party prior to the effective date of the change.

31 Signatures

IN WITNESS THEREOF, the Parties have caused this Agreement to be duly executed by their duly authorized officers or agents on the day and year first above written.

Fairmont Public Utilities

Dayna Johnson

Signed: _____

Signed: _____

Name (Printed):

Name (Printed):

Julie Zarling

Dayna Johnson

Title: Assistant Finance Director

Title: Owner

Attachment I: Glossary of Terms

Affected System – Another Area EPS Operator’s System, Transmission Owner’s Transmission System, or Transmission System connected generation which may be affected by the proposed interconnection.

Applicant Agent – A person designated in writing by the Interconnection Customer to represent or provide information to the Area EPS on the Interconnection Customer’s behalf throughout the interconnection process.

Area EPS – The electric power distribution system connected at the Point of Common Coupling.

Area EPS Operator – An entity that owns, controls, or operates the electric power distribution systems that are used for the provision of electric service in Minnesota. For this Interconnection Process the Area EPS Operator is Fairmont Public Utilities

Business Day – Monday through Friday, excluding Holidays as defined by Minn. Stat. §645.44, Subdivision 5. Any communication to have been sent or received after 4:30 p.m. Central Prevailing Time or on a Saturday, Sunday or holiday shall be considered to have been sent on the next Business Day.

Certified Equipment – Certified equipment is equipment that has been tested by a national recognized lab meeting a specific standard. For DER systems, UL 1741 listing is a common form of DER inverter certification. Additional information is seen in the Certification Codes and Standards document.

Confidential Information – Any confidential and/or proprietary information provided by one Party to the other Party and is clearly marked or otherwise designated “Confidential.” All procedures, design, operating specifications, and metering data provided by the Interconnection Customer may be deemed Confidential Information. See Overview Process Section 12.1 for further information.

Distributed Energy Resource (DER) – A source of electric power that is not directly connected to a bulk power system or central station service. DER includes both generators and energy storage technologies capable of exporting active power to an EPS. An interconnection system or a supplemental DER device that is necessary for compliance with this standard is part of a DER. For the purpose of the Interconnection Process and interconnection agreements, the DER includes the Customer’s Interconnection Facilities but shall not include the Area EPS Operator’s Interconnection Facilities.

Distribution System – The Area EPS facilities which are not part of the Local EPS, Transmission System or any generation system.

Distribution Upgrades – The additions, modifications, and upgrades to the Distribution System at or beyond the Point of Common Coupling to facilitate interconnection of the DER and render the distribution service necessary to affect the Interconnection Customer’s connection to the Distribution System. Distribution Upgrades do not include Interconnection Facilities.

Electric Power System (EPS) – The facilities that deliver electric power to a load.

Fast Track Process – The procedure as described in the Interconnection Process - Fast Track Process for evaluating an Interconnection Application for a DER that meets the eligibility requirements in the Overview Process Section 2.3.

Force Majeure Event – An act of God, labor disturbance, act of the public enemy, war, insurrection, riot, fire, storm or flood, explosion, breakage or accident to machinery or equipment, an order, regulation or restriction imposed by governmental, military or lawfully established civilian authorities, or another cause beyond a Party’s control. A Force Majeure Event does not include an act of negligence or intentional wrongdoing.

Good Utility Practice – Any of the practices, methods and acts engaged in or approved by a significant portion of the electric industry during the relevant time period, or any of the practices, methods and act which, in the exercise of reasonable judgment in light of the facts known at the time the decision was made, could have been expected to accomplish the desired result at a reasonable cost consistent with good business practices, reliability, safety and expedition. Good Utility Practice is not intended to be limited to the optimum practice, method, or act to the exclusion of all others, but rather to be acceptable practices, methods, or acts generally accepted in the region.

Governmental Authority – Any federal, state, local or other governmental regulatory or administrative agency, court, commission, department, board, or other governmental subdivision, legislature, rulemaking board, tribunal, or other governmental authority having jurisdiction over the Parties, their respective facilities, or the respective services they provide, and exercising or entitled to exercise any administrative, executive, police, or taxing authority or power; provided, however, that such term does not include the Interconnection Customer, the Area EPS Operator, or any Affiliate thereof. The utility’s local governing body is the authority governing interconnection requirements unless otherwise provided for in the Minnesota Technical Requirements.

Interconnection Agreement – The terms and conditions between the Area EPS Operator and Interconnection Customer (Parties). See Section 8 in the Overview Process **Error! Reference source not found.** for when the Uniform Contract or Interconnection Agreement applies.

Interconnection Application – The Interconnection Customer’s request to interconnect a new or modified, as described in Section 4 of the Overview Process, DER. See Simplified Application Form and Interconnection Application Form.

Interconnection Customer – The person or entity, including the Area EPS Operator, whom will be the owner of the DER that proposes to interconnect a DER(s) with the Area EPS Operator’s Distribution System. The Interconnection Customer is responsible for ensuring the DER(s) is designed, operated and maintained in compliance with the Minnesota Technical Requirements.

Interconnection Facilities – The Area EPS Operator’s Interconnection Facilities and the Interconnection Customer’s Interconnection Facilities. Collectively, Interconnection Facilities include all facilities and equipment between the DER and the Point of Common Coupling, including any modification, additions or upgrades that are necessary to physically and electrically interconnect the DER to the Area EPS Operator’s System. Some examples of Customer Interconnection Facilities include: supplemental DER devices, inverters, and associated wiring and cables up to the Point of DER Connection. Some examples of Area EPS Operator Interconnection Facilities include sole use facilities; such as, line extensions, controls, relays, switches, breakers, transformers and shall not include Distribution Upgrades or Network Upgrades.

Interconnection Process – The Area EPS Operator’s interconnection standards in this document.

Material Modification – A modification to machine data, equipment configuration or to the interconnection site of the DER at any time after receiving notification by the Area EPS Operator of a complete Interconnection Application that has a material impact on the cost, timing, or design of any Interconnection Facilities or Upgrades, or a material impact on the cost, timing or design of any Interconnection Application with a later Queue Position or the safety or reliability of the Area EPS.¹

MN Technical Requirements – The term including all of the DER technical interconnection requirement documents for the state of Minnesota; including Attachment 2 Distributed Generation Interconnection Requirements established in the Commission’s September 28, 2004 Order in E-999/CI-01-1023) until superseded and upon Commission approval of updated

¹ A Material Modification shall include, but may not be limited to, a modification from the approved Interconnection Application that: (1) changes the physical location of the point of common coupling; such that it is likely to have an impact on technical review; (2) increases the nameplate rating or output characteristics of the Distributed Energy Resource; (3) changes or replaces generating equipment, such as generator(s), inverter(s), transformers, relaying, controls, etc., and substitutes equipment that is not like-kind substitution in certification, size, ratings, impedances, efficiencies or capabilities of the equipment; (4) changes transformer connection(s) or grounding; and/or (5) changes to a certified inverter with different specifications or different inverter control settings or configuration. A Material Modification shall not include a modification from the approved Interconnection Application that: (1) changes the ownership of a Distributed Energy Resource; (2) changes the address of the Distributed Energy Resource, so long as the physical point of common coupling remains the same; (3) changes or replaces generating equipment such as generator(s), inverter(s), solar panel(s), transformers, relaying, controls, etc. and substitutes equipment that is a like-kind substitution in certification, size, ratings, impedances, efficiencies or capabilities of the equipment; and/or (4) increases the DC/AC ratio but does not increase the maximum AC output capability of the Distributed Energy Resource in a way that is likely to have an impact on technical review.

Minnesota DER Technical Interconnection and Interoperability Requirements in E-999/CI-16-521 (anticipated July 2019.)

Nameplate Rating - nominal voltage (V), current (A), maximum active power (kWac), apparent power (kVA), and reactive power (kVar) at which a DER is capable of sustained operation. For a Local EPS with multiple DER units, the aggregate nameplate rating is equal to the sum of all DERs nameplate rating in the Local EPS. For purposes of the Attachment V in the Interconnection Agreement, the DER system's capacity may, with the Area EPS's agreement, be limited through use of control systems, power relays or similar device settings or adjustments as identified in IEEE 1547. The nameplate ratings referenced in the Interconnection Process are alternating current nameplate DER ratings at the Point of DER Coupling.

Network Upgrades – Additions, modifications, and upgrades to the Transmission System required at or beyond the point at which the DER interconnects with the Area EPS Operator's System to accommodate the interconnection with the DER to the Area EPS Operator's System. Network Upgrades do not include Distribution Upgrades.

Operating Requirements – Any operating and technical requirements that may be applicable due to the Transmission Provider's technical requirements or Minnesota Technical Requirements, including those set forth in the Interconnection Agreement.

Party or Parties – The Area EPS Operator and the Interconnection Customer.

Point of Common Coupling (PCC)– The point where the Interconnection Facilities connect with the Area EPS Operator's Distribution System. See figure 1. Equivalent, in most cases, to "service point" as specified by the Area EPS Operator and described in the National Electrical Code and the National Electrical Safety Code.

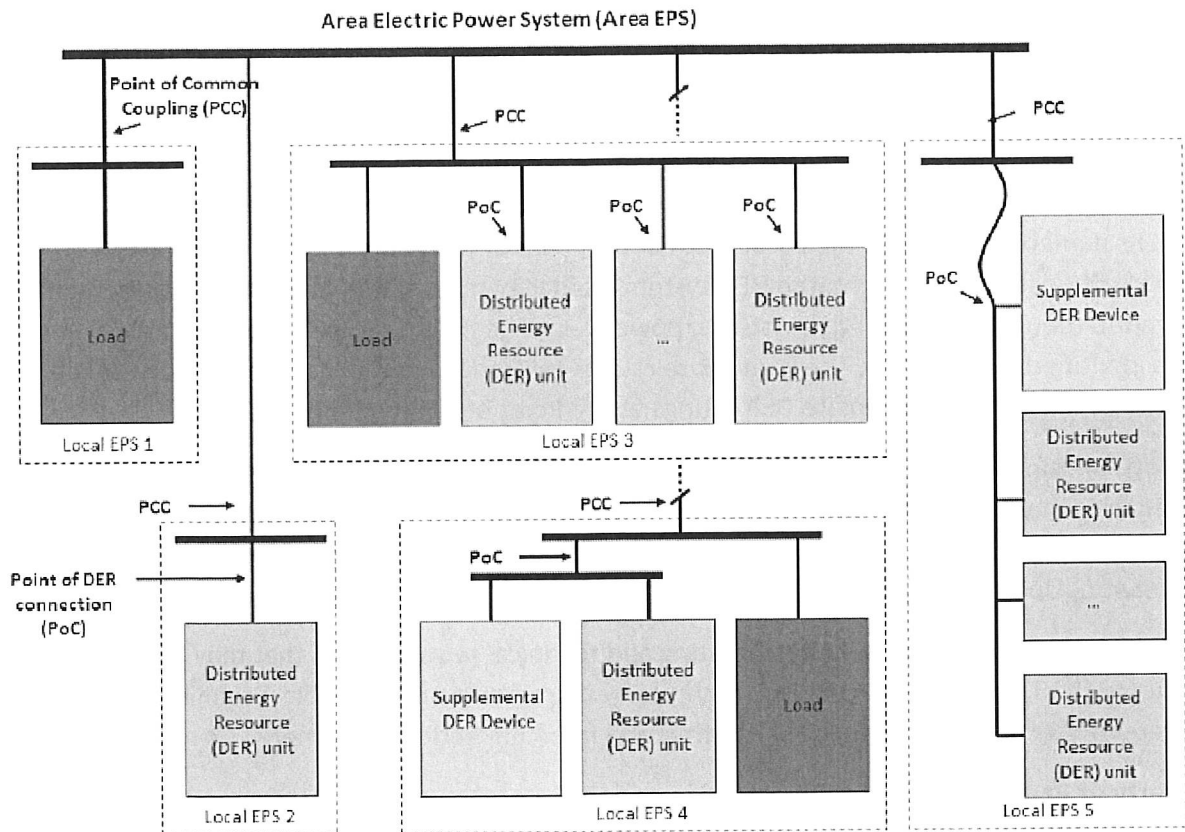


Figure 1: Point of Common Coupling and Point of DER Connection

(Source: IEEE 1547)

Point of DER Connection (PoC) – When identified as the Reference Point of Applicability, the point where an individual DER is electrically connected in a Local EPS and meets the requirements of this standard exclusive of any load present in the respective part of the Local EPS (e.g. terminals of the inverter when no supplemental DER device is required.) For DER unit(s) that are not self-sufficient to meet the requirements without a supplemental DER device(s), the Point of DER Connection is the point where the requirements of this standard are met by DER in conjunction with a supplemental DER device(s) exclusive of any load present in the respective part of the Local EPS.

Queue Position – The order of a valid Interconnection Application, relative to all other pending valid Interconnection Applications, that is established based upon the date- and time- of receipt of the complete Interconnection Application as described in Section 4.7 of the Overview Process. **Error! Reference source not found..**

Reasonable Efforts – With respect to an action required to be attempted or taken by a Party under these procedures, efforts that are timely and consistent with Good Utility Practice and are otherwise substantially equivalent to those a Party would use to protect its own interests.

Reference Point of Applicability – The location, either the Point of Common Coupling or the Point of DER Connection, where the interconnection and interoperability performance requirements specified in IEEE 1547 apply. With mutual agreement, the Area EPS Operator and Customer may determine a point between the Point of Common Coupling and Point of DER Connection. See Minnesota Technical Requirements for more information.

Simplified Process – The procedure for evaluating an Interconnection Application for a certified inverter-based DER no larger than 20 kW that uses the screens described in the Interconnection Process – Simplified Process document. The Simplified Process includes simplified procedures.

Study Process – The procedure for evaluating an Interconnection Application that includes the scoping meeting, system impact study, and facilities study.

Transmission Owner – The entity that owns, leases or otherwise possesses an interest in the portion of the Transmission System relevant to the Interconnection.

Transmission Provider – The entity (or its designated agent) that owns, leases, controls, or operates transmission facilities used for the transmission of electricity. The term Transmission Provider includes the Transmission Owner when the Transmission Owner is separate from the Transmission Provider. The Transmission Provider may include the Independent System Operator or Regional Transmission Operator.

Transmission System – The facilities owned, leased, controlled or operated by the Transmission Provider or the Transmission Owner that are used to provide transmission service. See the Commission’s July 26, 2000 Order Adopting Boundary Guidelines for Distinguishing Transmission from Generation and Distribution Assets in Docket No. E-999/CI-99-1261.

Uniform Contract – the Area EPS Operator’s Agreement for Cogeneration and Small Power Production Facilities (Uniform Contract) that may be applied to all qualifying new and existing interconnections between the Area EPS Operator and an DER system having capacity less than 40 kilowatts.

Upgrades – The required additions and modifications to the Area EPS Operator’s Transmission or Distribution System at or beyond the Point of Interconnection. Upgrades may be Network Upgrades or Distribution Upgrades. Upgrades do not include Interconnection Facilities.

Attachment II: Description and Costs of the Distributed Energy Resource, Interconnection Facilities, and Metering Equipment

Equipment, including the Distribution Energy Resource, Interconnection Facilities, and metering equipment shall be itemized and identified as being owned by the Interconnection Customer or the Area EPS Operator. The Area EPS Operator will provide a good faith estimate itemized cost, including administrative overheads, of its Interconnection Facilities and metering equipment, and a good faith estimate itemized cost of the annual operation and maintenance expenses associated with the Interconnection Facilities and metering equipment.

*See 2022 DER Tariff, Rates and Connection Charges document.

Attachment III: One-line Diagram Depicting the Distributed Energy Resource, Interconnection Facilities, and Metering Equipment, and Upgrades

Attachment VII: Assignment of Interconnection Agreement

This is an Assignment of Interconnection Agreement (“Agreement”).

There is an Interconnection Agreement, including any and all Attachments thereto including any and all amendments (“Agreement”) by and Fairmont Public Utilities, a municipal utility existing under the laws of the State of Minnesota, (“Area EPS Operator”), and

_____, (“Assignor”) originally signed by the Area EPS Operator on _____ for a Distributed Energy Resource (DER) described as follows:

DER System Information

Type of DER System: _____

Capacity Rating of System (AC): _____

Limited Capacity Rating (AC): _____

Address of DER System: _____

The Assignor intends to convey its interest in the above-referenced DER to _____ (“Assignee”), and the Assignor intends to assign the Agreement to the Assignee.

Upon the execution of this Assignment by the Assignor, Assignee and the Area EPS Operator, agree as follows:

- 1. Capitalized Terms.** Capitalized terms used but not defined herein shall have the meanings set forth in the Agreement.
- 2. Consent to Assignment.** The Assignor hereby irrevocably assigns the Agreement in all respects to the Assignee and the Assignee accepts the assignment thereof in all respects.
- 3. Amendment to Agreement.** The Area EPS Operator consents to this assignment and, as assigned, the Agreement is hereby amended so that wherever the name of the Assignor

is used therein it shall mean the Assignee. It is further agreed that all terms and conditions of the Agreement, as amended by this Assignment, shall remain in full force and effect.

- 4. **Payments by Area EPS Operator.** Any and all payments made by Area EPS Operator under the Agreement to either the Assignor or the Assignee shall be deemed to have been made to both and shall discharge the Area EPS Operator from any further liability with regard to said payment.

- 5. **Financial Obligations of Assignor and Assignee.** Any and all financial liability, including but not limited to amounts due, from the Interconnection Customer to the Area EPS Operator, occurring or accruing under the Agreement on or before the date of the signature of the Area EPS Operator to this Assignment shall be deemed to be the obligation of both the Assignor and Assignee, and the Area EPS Operator may recover any such amounts jointly and severally from the Assignor and Assignee.

- 6. **Contact information.** The following information updates and replaces the designated information as set forth on page 1 of the Agreement, and in Section 28.1, 28.2, 28.3 and 28.4 of the Agreement.

Page 1 Interconnection Customer Information

Interconnection Customer: _____
Attention: _____
Address: _____

Phone: _____
Email: _____

28.1 General Notices. Interconnection Customer Information

Interconnection Customer: _____
Attention: _____
Address: _____

Phone: _____
Email: _____

28.2 Billing and Payment Notices. Interconnection Customer Information

Interconnection Customer: _____
Attention: _____
Address: _____

Phone: _____
Email: _____

28.3 Alternative Forms of Notices. Interconnection Customer Information

Interconnection Customer: _____
Attention: _____
Address: _____

Phone: _____
Email: _____

28.4 Designated Operating Representative. Interconnection Customer Information

Interconnection Customer: _____
Attention: _____
Address: _____

Phone: _____
Email: _____

- 7. Signatures.** Facsimile or electronic signatures, or signatures to this Assignment sent electronically, shall have the same effect as original signatures. Photocopies, or electronically stored versions of this Assignment, shall have the same validity as the original.

The Area EPS Operator, Assignor, and Assignee have executed this Assignment as of the dates as set forth below.

Assignor

[Insert legal name of Assignor]

Signed: Keyera Thomas

Name (Printed): Keyera Thomas

Title: Coordinator

Date: 8/29/2023

Assignee

[Insert legal name of Assignee]

Signed: _____

Name (Printed): _____

Title: _____

Date: _____

Area EPS Operator

Fairmont Public Utilities

Signed: _____

Name (Printed): _____

Title: _____

Date: _____

CONTRACT FOR COGENERATION AND SMALL POWER PRODUCTION FACILITIES

THIS CONTRACT is entered into 8/3/2023, ____, by Fairmont Public Utilities, a municipal utility under Minnesota law, (hereafter called "Utility") and Dayna Johnson (hereafter called "QF").

RECITALS

The QF has installed electric generating facilities, consisting of Solar Photovoltaic DER, 10BB Half-Cell Black Monocrystalline PERC PV Module, rated at 4 kilowatts AC of electricity, on property located at 215 W 4th St. Fairmont, MN 56031.

The QF is a customer of the Utility located within the assigned electric service territory of the Utility.

The QF is prepared to generate electricity in parallel with the Utility.

The QF's electric generating facilities meet the requirements of the rules adopted by the Utility on Cogeneration and Small Power Production and any technical standards for interconnection the Utility has established that are authorized by those rules.

The Utility is obligated under federal and Minnesota law to interconnect with the QF and to purchase electricity offered for sale by the QF.

A contract between the QF and the Utility is required.

AGREEMENTS

The QF and the Utility agree:

1. The Utility will sell electricity to the QF under the rate schedule in force for the class of customer to which the QF belongs.
2. The Utility will buy electricity from the QF under the current rate schedule filed with the city council or city-appointed governing body of the utility. The QF elects the rate schedule category hereinafter indicated:

xx a. Average retail utility energy rate.

- QF capacity must be less than 40 kW.

N.A. b. Simultaneous purchase and sale billing rate.

- QF capacity must be less than 40 kW.

N.A. c. Roll-over credits.

- QF capacity must be less than 40 kW.

N.A. d. Time-of-day purchase rates.

- QF capacity must be 40 kW or more and less than or equal to 100 kW.

A copy of the presently approved rate schedule is attached to this contract.

3. The rates for sales and purchases of electricity may change over the time this contract is in force, due to actions of the Utility or the State of Minnesota, and the QF and the Utility agree that sales and purchases will be made under the rates in effect each month during the time this contract is in force.
4. The Utility will compute the charges and payments for purchases and sales for each billing period. Any net credit to the QF, other than kilowatt-hour credits under clause 2(c), will be made under one of the following options as chosen by the QF.

xx a. Credit to the QF's account with the Utility.

 b. Paid by check or electronic payment service to the QF within fifteen (15) days of the billing date.

5. Renewable energy credits associated with generation from the facility are owned by: Dayna Johnson.
6. The QF must operate its electric generating facilities within any rules, regulations, and policies adopted by the Utility not prohibited by the rules governing Cogeneration and Small Power Production on the Utility's system which provide reasonable technical connection and operating specifications for the QF and are consistent with the Minnesota Public Utilities Commission's rules on Cogeneration and Small Power Production, as required under Minnesota Statutes §216B.164, subdivision 9.
7. The QF will not enter into an arrangement whereby electricity from the generating facilities will be sold to an end user in violation of the Utility's exclusive right to provide electric service in its service area under Minnesota Statutes, §216B.37-44.
8. The QF will operate its electric generating facilities so that they conform to the national, state, and local electric and safety codes, and will be responsible for the costs of conformance.

9. The QF is responsible for the actual, reasonable costs of interconnection which are estimated to be \$_500.00_. The QF will pay the Utility in this way: QF will be billed for Interconnection Fee. Payment can be made at Fairmont City Hall or mailed to Fairmont Public Utilities, 100 Downtown Plaza, Fairmont, MN 56031
10. The QF will give the Utility reasonable access to its property and electric generating facilities if the configuration of those facilities does not permit disconnection or testing from the Utility 's side of the interconnection. If the Utility enters the QF's property, the Utility will remain responsible for its personnel.
11. The Utility may stop providing electricity to the QF during a system emergency. The Utility will not discriminate against the QF when it stops providing electricity or when it resumes providing electricity.
12. The Utility may stop purchasing electricity from the QF when necessary for the Utility to construct, install, maintain, repair, replace, remove, investigate, or inspect any equipment or facilities within its electric system. The Utility may stop purchasing electricity from the QF in the event the generating facilities listed in this contract are documented to be causing power quality, safety or reliability issues to the Utility's electric distribution system.

The Utility will notify the QF before it stops purchasing electricity in this way:
QF will be notified in writing by Utility.

13. The QF will keep in force general liability insurance against personal or property damage due to the installation, interconnection, and operation of its electric generating facilities. The amount of insurance coverage will be \$ min of \$300,000. (The amount must be consistent with the distributed generation tariff adopted by the Utility pursuant to Minnesota Statutes §216B.1611, subdivision 3, clause 2.)
14. The QF and the Utility agree to attempt to resolve all disputes arising hereunder promptly and in a good faith manner.
15. The city council or city-appointed body governing the Utility has authority to consider and determine disputes, if any, that arise under this contract in accordance with procedures in the rules it adopts implementing Minnesota Statute §216B.164, pursuant to §216B.164, subdivision 9.
16. This contract becomes effective as soon as it is signed by the QF and the Utility. This contract will remain in force until either the QF or the Utility gives written notice to the other that the contract is canceled. This contract will be canceled thirty (30) days after notice is given. If the listed electric generating facilities are not interconnected to the Utility's distribution system within twelve months of the

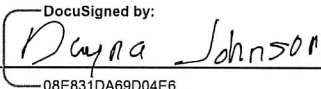
contract being signed by the QF and the Utility, the contract terminates. The QF and the Utility may delay termination by mutual agreement.

17. Neither the QF nor the Utility will be considered in default as to any obligation if the QF or the Utility is prevented from fulfilling the obligation due to an act of God, labor disturbance, act of public enemy, war, insurrection, riot, fire, storm or flood, explosion, breakage or accident to machinery or equipment, an order, regulation or restriction imposed by governmental, military or lawfully established civilian authorities, or other cause beyond the QF's or Utility's control. However, the QF or Utility whose performance under this contract is hindered by such an event shall make all reasonable efforts to perform its obligations.
18. This contract can only be amended or modified by mutual agreement in writing signed by the QF and the Utility.
19. The QF must notify the Utility prior to any change in the electric generating facilities' capacity size or generating technology according to the interconnection process adopted by the Utility.
20. Termination of this contract is allowed (i) by the QF at any time without restriction; (ii) by Mutual Agreement between the Utility and the QF; (iii) upon abandonment or removal of electric generating facilities by the QF; (iv) by the Utility if the electric generating facilities are continuously non-operational for any twelve (12) consecutive month period; (v) by the Utility if the QF fails to comply with applicable interconnection design requirements or fails to remedy a violation of the interconnection process; or (vi) by the Utility upon breach of this contract by the QF unless cured with notice of cure received by the Utility prior to termination.
21. In the event this contract is terminated, the Utility shall have the rights to disconnect its facilities or direct the QF to disconnect its generating facilities.
22. This contract shall continue in effect after termination to the extent necessary to allow either the Utility or the QF to fulfill rights or obligations that arose under the contract.
23. Transfer of ownership of the generating facilities shall require the new owners and the Utility to execute a new contract. Upon the execution of a new contract with the new owners this contract shall be terminated.
24. The QF and the Utility shall at all times indemnify, defend, and save each other harmless from any and all damages, losses, claims, including claims and actions relating to injury or death of any person or damage to property, costs and expenses, reasonable attorneys' fees and court costs, arising out of or resulting from the QF's or the Utility's performance of its obligations under this contract, except to the extent that such damages, losses or claims were caused by the negligence or intentional acts of the QF or the Utility.

- 25. The Utility and the QF will each be responsible for its own acts or omissions and the results thereof to the extent authorized by law and shall not be responsible for the acts or omissions of any others and the results thereof.
- 26. The QF's and the Utility's liability to each other for failure to perform its obligations under this contract shall be limited to the amount of direct damage actually occurred. In no event, shall the QF or the Utility be liable to each other for any punitive, incidental, indirect, special, or consequential damages of any kind whatsoever, including for loss of business opportunity or profits, regardless of whether such damages were foreseen.
- 27. The Utility does not give any warranty, expressed or implied, to the adequacy, safety, or other characteristics of the QF's interconnected system.
- 28. This contract contains all the agreements made between the QF and the Utility. The QF and Utility are not responsible other than those stated in this contract.

THE QF AND THE UTILITY HAVE READ THIS CONTRACT AND AGREE TO BE BOUND BY ITS TERMS. AS EVIDENCE OF THEIR AGREEMENT, THEY HAVE EACH SIGNED THIS CONTRACT BELOW ON THE DATE LISTED BY SIGNER.

QF

By:  _____
08E831DA69D04E6...

Printed Name: Dayna Johnson

DATE: 8/3/2023

UTILITY

By: _____

Printed Name: Julie Zarling

DATE: _____

Contract Version: *February 2019*

Certificate Of Completion

Envelope Id: A7D11D6F20EE4987BC28AE12D03CDBAB
 Subject: Solcius Solar Documents
 Source Envelope:
 Document Pages: 5
 Certificate Pages: 1
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Envelope Originator:
 Addison Austin
 1555 N Freedom Blvd
 Provo, UT 84604
 aaustin@solcius.com
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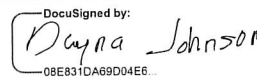
Holder: Addison Austin
 aaustin@solcius.com

Location: DocuSign

Signer Events

Dayna Johnson
 daynababy8@gmail.com
 Security Level: Email, Account Authentication
 (None)

Signature



Signature Adoption: Drawn on Device
 Using IP Address: 174.199.34.127
 Signed using mobile

Timestamp

Sent: 8/3/2023 9:55:26 AM
 Viewed: 8/3/2023 12:20:34 PM
 Signed: 8/3/2023 12:22:25 PM

Electronic Record and Signature Disclosure:
 Not Offered via DocuSign

In Person Signer Events	Signature	Timestamp
Editor Delivery Events	Status	Timestamp
Agent Delivery Events	Status	Timestamp
Intermediary Delivery Events	Status	Timestamp
Certified Delivery Events	Status	Timestamp
Carbon Copy Events	Status	Timestamp
Witness Events	Signature	Timestamp
Notary Events	Signature	Timestamp
Envelope Summary Events	Status	Timestamps
Envelope Sent	Hashed/Encrypted	8/3/2023 9:55:26 AM
Certified Delivered	Security Checked	8/3/2023 12:20:34 PM
Signing Complete	Security Checked	8/3/2023 12:22:25 PM
Completed	Security Checked	8/3/2023 12:22:25 PM
Payment Events	Status	Timestamps