



**IMU BOARD OF TRUSTEES OF THE ELECTRIC,
WATER AND COMMUNICATIONS UTILITIES**

February 12, 2024

5:30 PM

IMU Boardroom

Agenda

- 1. Call to Order**
- 2. Roll Call**
- 3. Public Comment**
- 4. Consent Agenda**
 - A. Approval of Claims
 - B. Approval of Minutes of the prior meetings
 - C. December 2023 Financial Report
- 5. Electric Utility Action Items**
 - A. Public Hearing And Letting For Downtown Underground Conversion Project, South Alley Premise Wiring Modification
 - B. Resolution 2024-004 Adopting plans, specifications, form of contract and estimated total cost for South Alley Premise Wiring Modification Project
 - C. Resolution 2024-005 Awarding Construction Contracts and Bonds for South Alley Premise Wiring Modification Project
 - D. Resolution 2024-006 Accepting HPI T&M Proposal 24-43032 for the critical minor inspection of 27 MW Alstom Generator
- 6. Electric Utility Informational Items**
- 7. Water Utility Informational Items**
- 8. Communications Utility Action Items**
 - A. Resolution 2024-007 to approve change order no. 1 and accept the Pella Fiber Transport Network West to IMU project
- 9. Communications Utility Informational Items**
- 10. Combined Electric, Water and Communications Action Items**
 - A. Discussion and Direction on additional investment in Brookings Transmission Project
- 11. Combined Electric, Water and Communications Informational Items**
 - A. Fiscal year 2025 Budget Discussion

12. Other Business

13. Adjourn

MEMORANDUM

To: IMU Board of Trustees of the Electric, Water and Communications Utilities
From:
Date: February 12, 2024
Subject: Approval of Claims

Recommendation:

Attachments: 1. 021324 AP Check Preview

AP Check Preview

Date Range: All Dates

Indianola Municipal Utilities

Thursday, February 8, 2024

1:11:37 PM

Vendor	Due Date	Notes	Terms	Bill Total	Discount	Interest	Amount Due	Pavment	Invoice Number	Bill Number
Account To Be Paid From 0000-10120-999										
ACCO UNLIMITED CORP. - VEND-2810										
	1/30/2024	ACCO Liquid Chlorinating Solution	Open Terms	2,660.80	0.00	0.00	<u>2,660.80</u>	<u>2,660.80</u>	0240094-IN	BL-12812
							2,660.80	2,660.80		
ALTEC INDUSTRIES INC. - VEND-3755										
	1/13/2024	Bucket Truck Parts	Open Terms	60.67	0.00	0.00	<u>60.67</u>	<u>60.67</u>	12471374	BL-12806
							60.67	60.67		
A-Tec Recycling - VEND-1360										
	2/29/2024	Recycle Electronics	Net 30	1,172.38	0.00	15.00	<u>1,172.38</u>	<u>1,172.38</u>	240117-57448	BL-12780
							1,172.38	1,172.38		
AUTOMATIC SYSTEMS CO. - VEND-51495										
	1/18/2024	Filter Consoles	Open Terms	102,966.00	0.00	0.00	<u>102,966.00</u>	<u>102,966.00</u>	041087	BL-12760
							102,966.00	102,966.00		
Avesis Third Party Administrators Inc - VEND-1108										
	1/31/2024	0124 Vision	Net 30	443.09	0.00	15.00	<u>443.09</u>	<u>443.09</u>	3044435	BL-12781
							443.09	443.09		
Bally Sports Midwest - VEND-1222										
	2/25/2024	0124 Expanded Basic	Net 30	4,851.84	0.00	15.00	<u>4,851.84</u>	<u>4,851.84</u>	V74886	BL-12761
							4,851.84	4,851.84		
Big Ten Network - VEND-1096										
	3/1/2024	0124 BTN Core - Exp Basic	Net 30	1,987.02	0.00	15.00	<u>1,987.02</u>	<u>1,987.02</u>	275554	BL-12762
							1,987.02	1,987.02		
Border States Industries Inc - VEND-1070										
	2/29/2024	Arrestor Connectors	Net 30	267.08	0.00	15.00	<u>267.08</u>	<u>267.08</u>	927772479	BL-12807
							267.08	267.08		
BRAND, JUSTIN - VEND-100310										
	2/2/2024	0224 Mobile Device Allowance	Open Terms	75.00	0.00	0.00	<u>75.00</u>	<u>75.00</u>	Feb 2024	BL-12775
							75.00	75.00		
Calix Inc - VEND-1028										
	1/26/2024	SFP - ONT SFP XGS	Net 30	1,725.14	0.00	15.00	1,725.14	1,725.14	347598	BL-12783

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1:11:37 PM

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	2/16/2024	GIGASPIRE MESH BLAST	Net 30	5,706.80	0.00	15.00	5,706.80	5,706.80	348464	BL-12707
	2/24/2024	ONT - GPR8802x GIGAPRO MANAGED SWI	Net 30	5,957.27	0.00	15.00	5,957.27	5,957.27	348357	BL-12784
							13,389.21	13,389.21		
CCP INDUSTRIES INC. - VEND-8925										
	1/27/2024	Case of Shop Towels	Open Terms	225.82	0.00	0.00	225.82	225.82	IN03464998	BL-12808
							225.82	225.82		
CDW Government - VEND-1029										
	2/22/2024	Surface Hard Cover and Mouse	Net 30	231.36	0.00	15.00	231.36	231.36	PF48831	BL-12809
	2/24/2024	Surface for Crew Truck	Net 30	1,333.99	0.00	15.00	1,333.99	1,333.99	PG31280	BL-12810
							1,565.35	1,565.35		
Cedar Falls Utilities - VEND-1045										
	1/31/2024	ABR Equipment	Net 30	69,760.00	0.00	15.00	69,760.00	69,760.00	93319	BL-12763
	2/4/2024	Dec23 Transport and Transit	Net 30	8,630.00	0.00	15.00	8,630.00	8,630.00	1.5.24	BL-12708
							78,390.00	78,390.00		
Cintas Corporation - VEND-1007										
	1/31/2024	LifeReady 360 AED Management - 1 Year	Net 30	219.08	0.00	15.00	219.08	219.08	9253784273	BL-12712
	2/22/2024	First Aid Supplies - Fiber	Net 30	29.98	0.00	15.00	29.98	29.98	5194100657	BL-12711
	2/25/2024	First Aid Supplies	Net 30	99.95	0.00	15.00	99.95	99.95	8406640467	BL-12811
							349.01	349.01		
City Of Indianola - VEND-1008 - BL-12786										
	3/3/2024	0224 Professional Services	Net 30	9,922.50	0.00	15.00	9,922.50	9,922.50	3242	BL-12786
							9,922.50	9,922.50		
Consortia Consulting - VEND-1009										
	2/24/2024	1223 Consulting	Net 30	1,125.00	0.00	15.00	1,125.00	1,125.00	25669	BL-12713
							1,125.00	1,125.00		
CORE & MAIN - VEND-102636										
	1/17/2024	Hach Total Chlorine Reagent Set	Open Terms	399.11	0.00	0.00	399.11	399.11	INV0005012	BL-12714
	1/27/2024	6x12 repair clamp	Open Terms	218.04	0.00	0.00	218.04	218.04	U283419	BL-12787
	2/1/2024	4x12 repair clamp, 4x15 repair clamp	Open Terms	417.82	0.00	0.00	417.82	417.82	U300090	BL-12804
							1,034.97	1,034.97		
DES PLANQUES, CHRIS - VEND-101766										
	1/20/2024	Mileage for MEAN Meeting	Open Terms	447.56	0.00	0.00	447.56	447.56	1.19.24	BL-12710

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1:11:37 PM

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2/2/2024	0224 Mobile Device Allowance	Open Terms	75.00	0.00	0.00	75.00	75.00	Feb 2024	BL-12773
						522.56	522.56		
Doug Pagel - VEND-1283									
3/2/2024	0224 Mobile Device Allowance	Net 30	75.00	0.00	15.00	75.00	75.00	Feb 2024	BL-12774
						75.00	75.00		
Doug Shull - VEND-1105									
3/2/2024	0224 Treasurer Contract	Net 30	83.34	0.00	15.00	83.34	83.34	Feb 2024	BL-12789
						83.34	83.34		
Dust Pros Janitorial - VEND-1011									
1/14/2024	Cleaning Supplies - Util Svcs	Net 30	75.44	0.00	15.00	75.44	75.44	2924	BL-12715
						75.44	75.44		
Dylan Michelsen - VEND-1180									
3/2/2024	0224 Mobile Device Allowance	Net 30	75.00	0.00	15.00	75.00	75.00	Feb 2024	BL-12768
						75.00	75.00		
Elisha Brown - VEND-1209									
3/2/2024	0224 Mobile Device Allowance	Net 30	75.00	0.00	15.00	75.00	75.00	Feb 2024	BL-12771
						75.00	75.00		
Frank Nowasell - VEND-1141 - BL-12848									
2/7/2024	Credit Refund	Net 30	74.19	0.00	0.00	74.19	74.19	00062750-7	BL-12848
						74.19	74.19		
Fuse Technic LLC - VEND-1012									
3/2/2024	Troubleshooting	Net 30	350.00	0.00	15.00	350.00	350.00	FT20240201006	BL-12790
						350.00	350.00		
Gradient9 - VEND-1392									
2/20/2024	0124 Monthly Newsletter/Website	Net 30	2,310.00	0.00	15.00	2,310.00	2,310.00	INV-4807	BL-12716
						2,310.00	2,310.00		
GRAYMONT WESTERN LIME INC - VEND-101387									
1/30/2024	High Calcium Quicklime	Open Terms	6,083.20	0.00	0.00	6,083.20	6,083.20	14-190211 RI	BL-12805
						6,083.20	6,083.20		
Hearst Television Inc - VEND-1131									

AP Check Preview

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1:11:37 PM

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	3/7/2024	0124 KCCI	Net 30	7,369.92	0.00	15.00	7,369.92	7,369.92	553415	BL-12813
							7,369.92	7,369.92		
HPI, LLC - VEND-1409										
	2/28/2024	Turbine 8 Vibration Issue	Net 30	23,541.60	0.00	15.00	23,541.60	23,541.60	24-7031-39	BL-12791
	3/6/2024	Turbine 8 Vibration Investigation	Net 30	1,905.50	0.00	15.00	1,905.50	1,905.50	24-7031-03	BL-12814
							25,447.10	25,447.10		
ImOn Communications LLC - VEND-1072										
	3/1/2024	Regulatory and Billing	Net 30	7,356.87	0.00	15.00	7,356.87	7,356.87	INV0033813	BL-12792
							7,356.87	7,356.87		
IMU - VEND-8629										
	2/2/2024	Utilities - IMU Admin	Open Terms	201.23	0.00	0.00	201.23	201.23	10354677	BL-12793
	2/2/2024	Utilities - WA	Open Terms	17,523.00	0.00	0.00	17,523.00	17,523.00	10349011	BL-12815
	2/2/2024	Utilities - EL	Open Terms	2,283.55	0.00	0.00	2,283.55	2,283.55	10353487	BL-12816
	2/2/2024	Utilities - Fiber	Open Terms	1,238.93	0.00	0.00	1,238.93	1,238.93	10347509	BL-12817
							21,246.71	21,246.71		
Independent Advocate - VEND-1136										
	2/16/2024	BOT Meeting/Publication 1.8.24	Net 30	160.87	0.00	15.00	160.87	160.87	4502	BL-12717
	2/29/2024	BOT Meeting/Publication Reports 01.22.24	Net 30	302.66	0.00	15.00	302.66	302.66	4536	BL-12803
	3/1/2024	Print & Digital Ad Jan24	Net 30	500.00	0.00	15.00	500.00	500.00	4558	BL-12794
							963.53	963.53		
Infomax Office Systems Inc - VEND-1013										
	2/14/2024	0124 Copier Contract	Net 30	778.16	0.00	15.00	778.16	778.16	35713566	BL-12718
							778.16	778.16		
Innovative Systems - VEND-1048										
	3/2/2024	Feb24 Elation Maint Fee	Net 30	12,749.21	0.00	15.00	12,749.21	12,749.21	INV-15817	BL-12795
	3/6/2024	0224 Utility Billing	Net 30	6,671.11	0.00	15.00	6,671.11	6,671.11	INV-15923	BL-12818
							19,420.32	19,420.32		
Internal Revenue Service - VEND-1307										
	2/18/2024	941 Income Tax Payable - 011924 Payroll	Net 30	26,899.38	0.00	15.00	26,899.38	26,899.38	011924 Payroll	BL-12719
	3/3/2024	941 Income Tax Payable	Net 30	26,888.53	0.00	15.00	26,888.53	26,888.53	020224 Payroll	BL-12796
							53,787.91	53,787.91		
Iowa Department Of Human Services - VEND-1310										

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1:11:37 PM

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	2/18/2024	Garnishment Payable - 011924 Payroll	Net 30	723.23	0.00	15.00	723.23	723.23	011924 Payroll	BL-12720
	3/3/2024	Garnishment Payable - 020224 Payroll	Net 30	723.23	0.00	15.00	723.23	723.23	020224 Payroll	BL-12797
							1,446.46	1,446.46		
Iowa Department Of Revenue - VEND-1117										
	2/18/2024	IA Income Tax Payable - 011924 Payroll	Net 30	4,267.71	0.00	15.00	4,267.71	4,267.71	011924 Payroll	BL-12721
	3/1/2024	Jan 2024 Use Tax	Net 30	27.94	0.00	15.00	27.94	27.94	Jan 2024 Use Tax	BL-12820
	3/2/2024	Sales Tax Billed 2.1.24	Net 30	45,791.19	0.00	15.00	45,791.19	45,791.19	Sales Tax Billed 2.1.24	BL-12819
	3/3/2024	IA Income Tax Payable - 020224 Payroll	Net 30	4,253.22	0.00	15.00	4,253.22	4,253.22	020224 Payroll	BL-12798
							54,340.06	54,340.06		
Iowa One Call - VEND-1015										
	2/22/2024	1223 Locates - Fiber	Net 30	94.50	0.00	15.00	94.50	94.50	259004	BL-12799
	2/22/2024	1223 Locates - EL	Net 30	97.20	0.00	15.00	97.20	97.20	257908	BL-12800
							191.70	191.70		
IPERS - VEND-1309										
	2/18/2024	IPERS Payable - Jan 2024	Net 30	36,752.83	0.00	15.00	36,752.83	36,752.83	Jan 2024	BL-12722
							36,752.83	36,752.83		
Irby - VEND-1259										
	2/4/2024	Transformer Secondary Connectors	Net 30	903.94	0.00	15.00	903.94	903.94	S013855066-001	BL-12822
	2/9/2024	Junction Cabinets	Net 30	3,916.20	0.00	15.00	3,916.20	3,916.20	S013855908.003	BL-12801
	2/9/2024	4/0 Elbows	Net 30	2,371.39	0.00	15.00	2,371.39	2,371.39	S013855908.002	BL-12802
	2/10/2024	Transformer Secondary Connectors	Net 30	139.64	0.00	15.00	139.64	139.64	S013856653.001	BL-12823
	2/16/2024	3-Phase Junction Cabinets	Net 30	6,227.40	0.00	15.00	6,227.40	6,227.40	S013855908.001	BL-12824
							13,558.57	13,558.57		
Kimball Construction - VEND-1146										
	2/27/2024	Remodel Display and Break Room	Net 30	10,875.00	0.00	15.00	10,875.00	10,875.00	1.28.24	BL-12825
							10,875.00	10,875.00		
KNIA/KRLS - VEND-1090										
	2/27/2024	0124 Sports Stream Spot	Net 30	60.72	0.00	15.00	60.72	60.72	24010602	BL-12826
	2/27/2024	0124 :30 Spot Hometown Values	Net 30	691.20	0.00	15.00	691.20	691.20	24010601	BL-12827
							751.92	751.92		
Kurt Gocken - VEND-1023										
	3/2/2024	0224 Mobile Device Allowance	Net 30	75.00	0.00	15.00	75.00	75.00	Feb 2024	BL-12765

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1:11:37 PM

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							75.00	75.00		
Kurt Ripperger - VEND-1025										
3/2/2024	0224 Mobile Device Allowance	Net 30	75.00	0.00	15.00	75.00	75.00	Feb 2024	BL-12766	
							75.00	75.00		
LONGER, CHRIS - VEND-34025										
2/2/2024	0224 Mobile Device Allowance	Open Terms	75.00	0.00	0.00	75.00	75.00	Feb 2024	BL-12769	
							75.00	75.00		
Marquee Sports Network - VEND-1165										
3/2/2024	0124 Expanded Basic	Net 30	3,210.01	0.00	15.00	3,210.01	3,210.01	Jan 2024	BL-12828	
							3,210.01	3,210.01		
MCMASTER-CARR SUPPLY CO - VEND-34108										
1/25/2024	Gasket Material	Open Terms	74.52	0.00	0.00	74.52	74.52	20900792	BL-12830	
2/1/2024	Bollards - Square Project	Open Terms	416.49	0.00	0.00	416.49	416.49	21301314	BL-12829	
							491.01	491.01		
METCALF, MIKE - VEND-34230										
2/2/2024	0224 Mobile Device Allowance	Open Terms	75.00	0.00	0.00	75.00	75.00	Feb 2024	BL-12770	
							75.00	75.00		
Mid American Energy Co - VEND-1018										
2/18/2024	Gas - 909 E Hillcrest Ave - Generator	Net 30	11.44	0.00	15.00	11.44	11.44	548765459	BL-12723	
2/18/2024	Gas - 110 S B St	Net 30	381.98	0.00	15.00	381.98	381.98	548768151	BL-12724	
2/18/2024	Gas - 210 W 2nd Ave	Net 30	85.91	0.00	15.00	85.91	85.91	548782499	BL-12725	
2/18/2024	Gas - 111 S Buxton, Municipal Plant	Net 30	456.68	0.00	15.00	456.68	456.68	548768245	BL-12833	
2/18/2024	Gas - 1300 E Iowa Ave Bldg A	Net 30	404.09	0.00	15.00	404.09	404.09	548757382	BL-12834	
2/18/2024	Gas - 1300 E Iowa Ave Bldg B	Net 30	54.72	0.00	15.00	54.72	54.72	548751144	BL-12835	
2/21/2024	Electric - 11634 R63 Hwy, Substation	Net 30	10.00	0.00	15.00	10.00	10.00	548794786	BL-12831	
2/22/2024	Annual Pole Attachment Fees	Net 30	56.70	0.00	15.00	56.70	56.70	548844664	BL-12832	
							1,461.52	1,461.52		
Midwest Alarm Services - VEND-1116										
2/7/2024	2024 Warehouse Fire Alarm Inspections	Net 30	519.77	0.00	15.00	519.77	519.77	440176	BL-12836	
2/7/2024	Line Shop - Fire Alarm Inspections	Net 30	647.80	0.00	15.00	647.80	647.80	440175	BL-12837	
2/7/2024	Fire Suppression Annual Inspection-Turbines	Net 30	1,786.08	0.00	15.00	1,786.08	1,786.08	440174	BL-12838	
							2,953.65	2,953.65		
MILLER ELECTRIC SERVICES - VEND-34642										

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1:11:37 PM

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1/12/2024	Install Phase Monitor Well #10	Open Terms	942.52	0.00	0.00	942.52	942.52	18381	BL-12726
						942.52	942.52		
Mission Square - VEND-1303									
2/18/2024	457 Payable - 011924 Payroll	Net 30	6,096.52	0.00	15.00	6,096.52	6,096.52	011924 Payroll	BL-12727
3/3/2024	457 Payable - 020224 Payroll	Net 30	6,076.94	0.00	15.00	6,076.94	6,076.94	020224 Payroll	BL-12839
						12,173.46	12,173.46		
Mutual Of Omaha - VEND-1107									
12/31/2023	1223 Premiums	Net 30	5,540.93	0.00	15.00	5,540.93	5,540.93	1618408095	BL-12843
1/31/2024	0124 Premiums	Net 30	5,542.79	0.00	15.00	5,542.79	5,542.79	1620243386	BL-12844
						11,083.72	11,083.72		
NewCom Technologies, Inc - VEND-1091									
2/25/2024	Project Management/PE Services	Net 30	555.00	0.00	15.00	555.00	555.00	50561	BL-12728
						555.00	555.00		
Nexstar Broadcasting, Inc - VEND-1092									
3/6/2024	0124 NewsNation	Net 30	414.96	0.00	15.00	414.96	414.96	552839	BL-12840
3/6/2024	0124 Nexstar	Net 30	9,184.32	0.00	15.00	9,184.32	9,184.32	552629	BL-12841
						9,599.28	9,599.28		
Norwalk Ready Mix Concrete, Inc. - VEND-1119									
2/2/2024	1100 N C St - Concrete Pour Back	Net 30	609.00	0.00	15.00	609.00	609.00	341474	BL-12842
						609.00	609.00		
Pella Printing Co, Inc - VEND-1062									
2/14/2024	Water Service Appt Door Hanger (White)	Net 30	160.00	0.00	15.00	160.00	160.00	67120	BL-12729
2/14/2024	Notice Water Meter Service Door Hanger	Net 30	160.00	0.00	15.00	160.00	160.00	67084	BL-12730
2/14/2024	Water Meter Change Pads	Net 30	165.00	0.00	15.00	165.00	165.00	67083	BL-12731
						485.00	485.00		
Power & Tel - VEND-1037									
2/10/2024	TRAY - FOSCACC A	Net 30	952.57	0.00	15.00	952.57	952.57	7858008-00	BL-12733
2/28/2024	SPLITTER - 3 WAY MOCA	Net 30	72.52	0.00	15.00	72.52	72.52	7867120-00	BL-12845
						1,025.09	1,025.09		
Quality Pest Control - VEND-1087									
3/3/2024	Pest Control	Net 30	77.00	0.00	15.00	77.00	77.00	72098	BL-12846
						77.00	77.00		

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Thursday, February 8, 2024
1:11:37 PM

Vendor	Due Date	Notes	Terms	Bill Total	Discount	Interest	Amount Due	Pavment	Invoice Number	Bill Number
RESCO - VEND-47234										
	1/24/2024	#2 CU Stranded Wire	Open Terms	312.50	0.00	0.00	312.50	312.50	3019231	BL-12847
							312.50	312.50		
Secure Shred - VEND-1063										
	3/3/2024	Shred Service	Net 30	52.00	0.00	15.00	52.00	52.00	81805	BL-12849
							52.00	52.00		
Skye McBroom - VEND-1026										
	3/2/2024	0224 Mobile Device Allowance	Net 30	75.00	0.00	15.00	75.00	75.00	Feb 2024	BL-12767
							75.00	75.00		
Technitrol, Inc - VEND-1186										
	3/7/2024	W IA Substation Repair Parts	Net 30	22,500.00	0.00	15.00	22,500.00	22,500.00	38405	BL-12850
							22,500.00	22,500.00		
Terry-Durin Co - VEND-1038										
	2/3/2024	MULE TAPE - FIBER	Net 30	529.65	0.00	15.00	529.65	529.65	151332-00	BL-12735
							529.65	529.65		
Tifco Industries - VEND-1296										
	2/17/2024	Shop Fasteners	Net 30	57.23	0.00	15.00	57.23	57.23	71942459	BL-12851
							57.23	57.23		
TRM DISPOSAL LLC - VEND-101016										
	1/25/2024	0124 Trash	Open Terms	49.00	0.00	0.00	49.00	49.00	30323	BL-12732
							49.00	49.00		
TrueNorth Companies LC - VEND-1100										
	2/25/2024	January 2024 Safety Meeting	Net 30	138.48	0.00	15.00	138.48	138.48	156978	BL-12852
							138.48	138.48		
Unite Private Networks - VEND-1054										
	3/2/2024	Dark Fiber	Net 30	3,706.00	0.00	15.00	3,706.00	3,706.00	SI-24-004877	BL-12853
							3,706.00	3,706.00		
VAN WERT INC - VEND-101069										
	1/31/2024	(200) 3/4 meters	Open Terms	77,454.00	0.00	0.00	77,454.00	77,454.00	81495	BL-12854
	2/3/2024	(3) 5/8 pit meters with ERT	Open Terms	935.02	0.00	0.00	935.02	935.02	81504	BL-12855

AP Check Preview

Date Range: All Dates

Indianola Municipal Utilities

Thursday, February 8, 2024
1:11:37 PM

Vendor	Due Date	Notes	Terms	Bill Total	Discount	Interest	Amount Due	Pavment	Invoice Number	Bill Number
							78,389.02	78,389.02		
Vanderpool Plumbing & Heating - VEND-1066										
2/24/2024	Heater Repair	Net 30	170.13	0.00	15.00	170.13	170.13	6750	BL-12856	
							170.13	170.13		
VEENSTRA & KIMM - VEND-57600										
1/27/2024	Engineering Service Fees	Open Terms	1,200.00	0.00	0.00	1,200.00	1,200.00	1	BL-12857	
							1,200.00	1,200.00		
VERMEER SALES & SERVICE - VEND-57608										
1/25/2024	Mini Excavator Service Materials	Open Terms	227.60	0.00	0.00	227.60	227.60	PO427905	BL-12859	
1/25/2024	Mini Excavator Track Part	Open Terms	914.82	0.00	0.00	914.82	914.82	PO428005	BL-12860	
1/31/2024	Equipment Filters	Open Terms	286.32	0.00	0.00	286.32	286.32	P0434105	BL-12858	
							1,428.74	1,428.74		
WALDINGER CORP. THE - VEND-6920										
1/27/2024	Turbine 8 Vibration Analysis	Open Terms	2,609.20	0.00	0.00	2,609.20	2,609.20	7187507-1	BL-12861	
							2,609.20	2,609.20		
Warren County Engineer - VEND-1102										
2/8/2024	1223 Fuel Distribution	Net 30	2,951.42	0.00	15.00	2,951.42	2,951.42	Dec 23	BL-12736	
							2,951.42	2,951.42		
Waste Management - VEND-1086										
2/3/2024	4 Yd Dumpster Service - Recycle Materials	Net 30	76.32	0.00	15.00	76.32	76.32	7062981-0516-6	BL-12737	
2/3/2024	2 Yd Dumpster Service	Net 30	154.53	0.00	15.00	154.53	154.53	7062978-0516-2	BL-12738	
							230.85	230.85		
WESCO - VEND-60220										
1/13/2024	Fiberglass Basements and Machine Bolts	Open Terms	3,482.67	0.00	0.00	3,482.67	3,482.67	908881	BL-12874	
1/13/2024	Lag Screws	Open Terms	96.25	0.00	0.00	96.25	96.25	908883	BL-12875	
1/19/2024	Red Locate Paint	Open Terms	348.61	0.00	0.00	348.61	348.61	914017	BL-12873	
1/20/2024	Ground Rods	Open Terms	1,171.76	0.00	0.00	1,171.76	1,171.76	915497	BL-12876	
1/20/2024	U-Guard	Open Terms	561.75	0.00	0.00	561.75	561.75	915493	BL-12877	
1/20/2024	PVC U-Guard Adapter	Open Terms	144.45	0.00	0.00	144.45	144.45	915495	BL-12866	
1/20/2024	Contact Paste and Silicone	Open Terms	313.68	0.00	0.00	313.68	313.68	915496	BL-12868	
1/20/2024	Connectors	Open Terms	401.79	0.00	0.00	401.79	401.79	915494	BL-12869	
1/20/2024	DE Shoe	Open Terms	16.35	0.00	0.00	16.35	16.35	915492	BL-12870	
1/23/2024	Locate Flags	Open Terms	388.73	0.00	0.00	388.73	388.73	917044	BL-12871	

AP Check Preview

Date Range: All Dates

Indianola Municipal Utilities

Thursday, February 8, 2024
1:11:37 PM

Vendor	Due Date	Notes	Terms	Bill Total	Discount	Interest	Amount Due	Pavment	Invoice Number	Bill Number
	1/23/2024	Ground Rods and Ground Rod Clamps	Open Terms	574.80	0.00	0.00	574.80	574.80	917045	BL-12872
	1/23/2024	Screw In Anchor Bases and Bolts Hillcrest	Open Terms	22,044.10	0.00	0.00	22,044.10	22,044.10	917043	BL-12880
	1/24/2024	Pole Sling	Open Terms	159.71	0.00	0.00	159.71	159.71	918278	BL-12863
	1/24/2024	Unit 21 Slings	Open Terms	54.05	0.00	0.00	54.05	54.05	918276	BL-12864
	1/24/2024	FR Safety Vests	Open Terms	691.58	0.00	0.00	691.58	691.58	918277	BL-12865
	1/27/2024	Heat Shrink	Open Terms	143.27	0.00	0.00	143.27	143.27	923379	BL-12878
	1/27/2024	Breakaway Bolts Hillcrest	Open Terms	43.78	0.00	0.00	43.78	43.78	923378	BL-12879
	1/30/2024	FR Clothing	Open Terms	114.14	0.00	0.00	114.14	114.14	925101	BL-12862
							30,751.47	30,751.47		
Wiegert Disposal Inc - VEND-1081										
	3/2/2024	Jan24 Pole Yard 30yd Dump and Landfill	Net 30	446.00	0.00	15.00	446.00	446.00	Jan 2024	BL-12881
	3/2/2024	Jan 24 2-4yd Trash Pickup	Net 30	110.00	0.00	15.00	110.00	110.00	Jan 2024	BL-12882
							556.00	556.00		
Check Count: 77				Totals:			\$675,169.48	\$675,169.48		

MEMORANDUM

To: IMU Board of Trustees of the Electric, Water and Communications Utilities

From:

Date: February 12, 2024

Subject: Approval of Minutes of the prior meetings

Recommendation:

Attachments:

1. Minutes 1-24-2024
2. Jan 22 Minutes

IMU BOARD OF TRUSTEES OF THE ELECTRIC, WATER AND COMMUNICATIONS UTILITIES

January 24, 2024 3:30 PM

IMU Customer Service Center 210 W 2nd Ave., Indianola, Iowa

Minutes

The Indianola Municipal Utilities Board of Trustees met in regular session at 3:30 PM on January 24, 2024, in the IMU Boardroom. Chairperson Deb White called the meeting to order and on roll call the following members were present: Deb White, Lori Smith, Adam Voigts, Mike Rozga.

There were no public comments offered.

Electric Action Items

It was moved by Smith and seconded by Selgrade to approve Resolution 2024-003 Accepting Proposal 24-43017 for Investigation of Outboard Generator Bearing with HPI LLC. In discussion, Superintendent Mike Metcalf updated the Board on the scale and cost of repairs, and the necessity to expedite the repair.

On roll call, the vote was AYES: White, Smith, Voigts, Rozga. NAYS: None. Whereas the Chairperson declared the motion carried unanimously.

It was moved by Smith and seconded by Selgrade to adjourn at 3.35 PM. Question was called for and on voice vote, AYES: Smith, White, Rozga, Voigts. NAYS: None. Whereas the Chairperson declared the motion carried unanimously.

IMU BOARD OF TRUSTEES OF THE ELECTRIC, WATER AND COMMUNICATIONS UTILITIES

January 22, 2024 5:30 PM

IMU Customer Service Center 210 W 2nd Ave., Indianola, Iowa

Minutes

The Indianola Municipal Utilities Board of Trustees met in regular session at 5:30 PM on January 22, 2024, in the IMU Boardroom. Chairperson Deb White called the meeting to order and on roll call the following members were present: Dom Selgrade, Deb White, Lori Smith, Adam Voigts, Mike Rozga.

There were no public comments offered.

Smith moved to approve the Consent Agenda and Selgrade seconded it. On roll call, the vote was AYES: Selgrade, White, Smith, Voigts, Rozga. NAYS: None. Whereas the Chairperson declared the motion carried unanimously. The consent agenda was as follows:

Approval of Claims

Approval of Minutes of the prior meeting

Electric Informational Items

Superintendent Mike Metcalf updated the Board that a feeder pole that was broken in the January 9th winter storm that caused a power outage has been replaced, shared they have posted for an internal opening for two Apprentice/Journeyman positions and will post externally next week, staff is working on vehicle and equipment maintenance, IMU staff will be taking part in a FEMA large scale power outage training exercise on Wednesday, updated that Turbine 7 parts should be arriving in the next 4-weeks, and that Turbine 8 is in need of service/repair due to a vibration in the generator bearing area that will require a contractor to come in and repair.

Water Informational Items

Superintendent Justin Brand shared that the Water department is doing seasonal plant maintenance work and cleaning and inspecting tanks and service pumps, that the filter consoles and flow meters are in, and they are ready for the Water Plant Fiber upgrade.

Telecommunications Informational Items

Supervisor Kurt Ripperger stated that service drop installation has ceased for the winter. Temporary drops will be installed and remain on the ground until they can be permanently installed in the spring. Field tech position has been offered and accepted by an applicant.

Combined Electric, Water and Communications Action Items

Voigts motioned and Rozga seconded Resolution 2024-002 Setting a Public Hearing for Fiscal Year 2025. The Public Hearing will be held at the February 26th BOT Meeting. On roll call, the vote was AYES: Selgrade, White, Smith, Voigts, Rozga. NAYS: None. Whereas the Chairperson declared the motion carried unanimously.

Combined Electric, Water and Communications Informational Items

General Manager Chris DesPlanques and Finance Director Chris Longer continue work on the 2025 budget including increases in energy costs from MEAN, rising property insurance rates, and increasing costs of shared HR Services provided by the city, which will necessitate rate increases. In discussion the board discussed the cost increases, as well as the City Housing Assessment Survey and Solar Project updates, and expressed appreciation of combined efforts of IMU and City crews in snow removal efforts.

It was moved by Smith and seconded by Selgrade to adjourn at 6:04. Question was called for and on voice vote, AYES: Smith, Selgrade, White, Rozga, Voigts. NAYS: None. Whereas the Chairperson declared the motion carried unanimously.

MEMORANDUM

To: IMU Board of Trustees of the Electric, Water and Communications Utilities
From:
Date: February 12, 2024
Subject: December 2023 Financial Report

Recommendation:

Attachments: 1. 1223 Financial Report

Water Utility Financial Summary
December 31, 2023

600 WATER OPERATING FUND

	FY23		
	Budget	YTD Actual	% of Budget
Water Service Sales	2,823,500	1,447,079	51.25%
Other Water Revenue	360,300	154,744	42.95%
Total Revenue:	3,183,800	1,601,823	
Water O&M Expense	2,222,404	1,113,159	50.09%
Water O&M Transfers Out	1,000,000	587,000	58.70%
YTD Depreciation			
Total Expense, Transfers & Depreciation:	3,222,404	1,700,159	
Beginning Net Position		13,956,134	
Net Surplus (Deficit)		(98,336)	
Ending Net Position		13,857,799	

700 WATER CAPITAL FUND

From Water Operations	1,000,000	587,000	58.70%
Total Transfers In:	1,000,000	587,000	
Water Capital Expense	1,200,000	130,150	10.85%
Total Expense:	1,200,000	130,150	
Beginning Net Position		2,470,342	
Net Surplus (Deficit)		456,850	
Ending Net Position		2,927,191	

780 WATER IMPROVE FUND

Beginning Net Position	75,000
Net Surplus (Deficit)	0
Ending Net Position	75,000

WATER CASH ON HAND
(110 days or greater)

O&M	\$	505,153
Capital	\$	3,058,427
Debt Service	\$	75,000
372 days	\$	3,638,580

FY24		
Budget	YTD Actual	% of Budget
3,165,800	1,545,546	49%
380,800	251,133	66%
3,546,600	1,796,680	
2,279,878	1,066,843	47%
1,190,000	595,000	50%
	305,169	
3,469,878	1,967,012	
	14,444,384	
	(170,332)	
	14,274,052	

	Gallons Billed FY23-24	Gallons Billed FY22-23
July	36,713,420	31,583,030
August	33,852,270	37,092,320
September	35,871,910	43,870,320
October	39,773,580	36,165,050
November	31,508,750	30,973,650
December	32,279,650	29,089,970
January	26,695,880	26,690,650
February		
March		
April		
May		
June		
YTD TOTAL	236,695,460	235,464,990
	0.5%	

	Inventory on Hand FY23-24	Inventory on Ha FY22-23
July	\$ 131,441	\$ 112,249
August	\$ 124,926	\$ 110,331
September	\$ 118,941	\$ 104,559
October	\$ 207,261	\$ 108,675
November	\$ 208,497	\$ 109,309
December	\$ 297,258	\$ 108,859
January	\$ 366,045	\$ 115,720
February		
March		
April		
May		
June		
YTD AVG	\$ 207,767	\$ 109,957
	89.0%	

IMU Admin/US Financial Summary
December 31, 2023

620 ADMIN & UTILITY SERVICES

Admin/US Revenue

Total Revenue:

Admin/US O&M Expense

YTD Depreciation

Total Expense, Transfers & Depreciation:

Beginning Net Position

Net Surplus (Deficit)

Ending Net Position

855 LIABILITY INS FUND

Beginning Net Position

Net Surplus (Deficit)

Ending Net Position

US/ADMIN CASH ON HAND

FY23			FY24		
Budget	YTD Actual	% of Budget	Budget	YTD Actual	% of Budget
1,406,867	667,928	47.48%	1,329,354	679,223	51%
1,406,867	667,928		1,329,354	679,223	
1,406,867	738,124	52.47%	1,329,354	628,654	47%
				17,696	
1,406,867	738,124		1,329,354	646,350	
	35,687			203,175	
	(70,195)			32,872	
	(34,509)			236,047	
	9,099			9,099	
	0			0	
	9,099			9,099	

O&M \$ 561,043

Electric Utility Financial Summary
December 31, 2023

630 ELECTRIC OPERATING FUND

	FY23			FY24		
	Budget	YTD Actual	% of Budget	Budget	YTD Actual	% of Budget
Electric Service Sales	16,189,977	9,239,343	57.07%	16,420,384	9,234,656	56%
Other Electric Revenue	1,657,700	756,842	45.66%	1,609,900	818,925	51%
Total Revenue:	17,847,677	9,996,185		18,030,284	10,053,581	
Electric O&M Expense	15,287,869	7,219,589	47.22%	15,409,076	7,067,989	46%
Electric O&M Transfer Out	1,171,153	579,343	49.47%	3,653,672	1,826,836	50%
YTD Depreciation					818,739	
Total Expense, Transfers & Depreciation:	16,459,022	7,798,932		19,062,748	9,713,564	
Beginning Net Position		33,191,504			35,046,761	
Net Surplus (Deficit)		2,197,253			340,017	
Ending Net Position		35,388,757			35,386,779	

730 ELECTRIC CAPITAL FUND

Electric Capital Revenue	1,397,300	770,934	55.17%	1,396,700	592,766	42%
From Electric Operations	0	0		2,500,000	1,250,000	50%
Total Revenue and Transfers In:	1,397,300	770,934		3,896,700	1,842,766	
Electric Capital Expense	2,477,500	337,485	13.62%	2,716,300	342,464	13%
Total Expense:	2,477,500	337,485		2,716,300	342,464	
Beginning Net Position		6,564,867			8,062,135	
Net Surplus (Deficit)		433,449			1,500,302	
Ending Net Position		6,998,316			9,562,437	

793 ELECTRIC DEBT SERVICE

From Electric Operations	1,171,153	579,343	49.47%	1,153,672	576,836	50%
Total Transfers In:	1,171,153	579,343		1,153,672	576,836	
Electric Debt Service	1,171,153	176,961	15.11%	1,153,672	157,408	14%
Total Expense:	1,171,153	176,961		1,153,672	157,408	
Beginning Net Position		1,368,750			1,368,865	
Net Surplus (Deficit)		402,381			419,428	
Ending Net Position		1,771,131			1,788,293	

ELECTRIC CASH ON HAND
(110 days or greater)

O&M	\$	9,690,723
Capital	\$	7,452,871
Debt Service	\$	1,788,293
358 days	\$	18,931,886

	Kwhs Billed FY23-24	Kwhs Billed FY22-23
July	10,450,789	10,128,099
August	11,547,802	12,799,785
September	12,959,519	14,217,561
October	12,753,605	11,654,976
November	9,208,467	8,657,190
December	9,085,696	8,926,910
January	8,889,231	9,723,737
February		
March		
April		
May		
June		
YTD TOTAL	74,895,109	76,108,258
	-1.6%	

	Inventory on Hand FY23-24	Inventory on Hand FY22-23
July	\$ 1,276,213	\$ 1,165,007
August	\$ 1,337,147	\$ 1,208,115
September	\$ 1,396,439	\$ 1,251,752
October	\$ 1,422,195	\$ 1,211,972
November	\$ 1,462,286	\$ 1,164,591
December	\$ 1,527,687	\$ 1,170,525
January	\$ 1,570,204	\$ 1,175,413
February		
March		
April		
May		
June		
YTD AVG	\$ 1,427,453	\$ 1,192,482
	19.7%	

Fiber Utility Financial Summary
December 31, 2023

640 FIBER OPERATING FUND

	FY23			FY24		
	Budget	YTD Actual	% of Budget	Budget	YTD Actual	% of Budget
Fiber Service Sales	4,310,000	2,184,111	50.68%	4,722,200	2,399,409	51%
Other Fiber Revenue	953,950	213,461	22.38%	653,050	234,943	36%
Total Revenue:	5,263,950	2,397,572		5,375,250	2,634,352	
Fiber O&M Expense	3,435,424	1,878,133	54.67%	3,313,142	1,780,929	54%
Fiber O&M Transfer Out	1,906,879	657,826	34.50%	2,058,913	1,029,456	50%
YTD Depreciation					182,019	
Total Expense, Transfers & Depreciation:	5,342,303	2,535,960		5,372,055	2,992,404	
Beginning Net Position		(4,908,922)			(3,464,668)	
Net Surplus (Deficit)		(138,388)			(358,052)	
Ending Net Position		(5,047,310)			(3,822,720)	

740 FIBER CAPITAL FUND

Fiber Capital Revenue	0	1,435			9,167	
From Fiber Operations	801,000	289,200	36.10%	932,500	466,250	50%
Total Revenue and Transfers In:	801,000	290,635		932,500	475,417	
Fiber Capital Expense	2,318,000	404,332	17.44%	1,192,500	1,115,020	94%
YTD Depreciation					156,410	
Total Expense, Transfers & Depreciation:	2,318,000	404,332		1,192,500	1,271,430	
Beginning Net Position		1,566,044			938,067	
Net Surplus (Deficit)		(113,697)			(796,013)	
Ending Net Position		1,452,347			142,054	

795 FIBER DEBT SERVICE

From Fiber Operations	1,105,879	368,626	33.33%	1,126,413	563,207	50%
Total Transfers In:	1,105,879	368,626		1,126,413	563,207	
Fiber Debt Service	1,105,879	0	0.00%	1,126,413	176,936	16%
Total Expense:	1,105,879	0		1,126,413	176,936	
Beginning Net Position		0			0	
Net Surplus (Deficit)		368,626			386,271	
Ending Net Position		368,626			386,271	
*Fund 640 Ending Fund Balance		(4,678,684)			(3,436,449)	
*Fund 740 Ending Fund Balance		1,452,347			142,054	
		(3,226,337)			(3,294,394)	

FIBER CASH ON HAND	O&M	\$	(577,877)
(110 days or greater)	Capital	\$	937,494
	Debt Service	\$	386,271
48 days		\$	745,887

The Fiber Utility fund has a deficit fund balance of (\$3,294,394).
The deficit fund balance is the result of start-up costs incurred to initiate the utility service.
The deficit will be eliminated in future periods through net customer charges.

	Subscriptions FY23-24	Subscriptions FY22-23	YOY Increase %
July	3,872	3,513	10.2%
August	3,908	3,560	9.8%
September	3,930	3,581	9.7%
October	3,963	3,624	9.4%
November	3,975	3,648	9%
December	3,987	3,668	9%
January	4,016	3,688	9%
February			
March			
April			
May			
June			
YTD TOTAL	27,651	25,282	
	9.4%		

	Inventory on Hand FY23-24	Inventory on Hand FY22-23	YOY Increase %
July \$	1,858,586	\$ 1,523,440	22.0%
August \$	1,878,531	\$ 1,596,300	17.7%
September \$	1,859,378	\$ 1,624,706	14.4%
October \$	1,843,233	\$ 1,693,450	8.8%
November \$	1,842,936	\$ 1,706,328	8%
December \$	1,853,822	\$ 1,742,135	6%
January \$	1,859,947	\$ 1,772,400	5%
February			
March			
April			
May			
June			
YTD AVG \$	1,856,633	\$ 1,665,537	
	11.5%		

December 2023

You should expect to see YTD revenue and expenses to be 6/12 (or 50%) of Budget.

Health Insurance Fund Balance on December 31, 2023 is \$2,946,755.68
December 2023 there was a premium holiday.

Water and Electric service revenue may fall ahead or behind budget due to seasonal fluctuations.

We are reporting each departments net position, which is cash and all other assets (such as billing receivables and capital assets) less accumulated depreciation and liabilities.

Cash on Hand - 110 days or more of cash on hand based on the recommended 90-120 days to maintain our bond rating (A-).

This report is on a modified cash basis, with monthly (non-cash) depreciation included beginning FY24.

Water Notes: Capital expenses may fall ahead or behind budget due to timing of project completion and payments.

US/Admin Notes: The 620 fund is intended to be a zero balance fund and doesn't have any significant stand alone obligations. Any balance or deficit here is timing related or is city services collected from the current month to be transferred in the following month.

Electric Notes: Capital expenses may fall ahead or behind budget due to timing of project completion and payments.

Fiber Notes: Fiber Other Revenue below budget due to 28-E Agreement revenue, payment received in January, 2024.
Capital expenses may fall ahead or behind budget due to timing of project completion and payments.
Capital expenses are above expected due to Pella project expenses budgeted in FY23 but rolled into FY24.

MEMORANDUM

To: IMU Board of Trustees of the Electric, Water and Communications Utilities

From:

Date: February 12, 2024

Subject: Public Hearing And Letting For Downtown Underground Conversion Project, South Alley Premise Wiring Modification

Recommendation:

Attachments: None

MEMORANDUM

To: IMU Board of Trustees of the Electric, Water and Communications Utilities

From:

Date: February 12, 2024

Subject: Resolution 2024-004 Adopting plans, specifications, form of contract and estimated total cost for South Alley Premise Wiring Modification Project

Recommendation:

Attachments: 1. Res 2024-004 Approving Construction Contracts and Bonds for South Alley

This being the time and place fixed for a public hearing on the matter of the adoption of plans, specifications, form of contract and estimate of cost relative to the South Alley Premise Wiring Modification Project for Indianola Municipal Utilities, Indianola, Iowa, the Chair called for any oral objections to the adoption of the plans, specifications, form of contract and estimate of cost. No oral objections were offered, and the Trustee Clerk reported that no written objections had been filed.

Board Member Selgrade introduced the following Resolution entitled "RESOLUTION 2024-001 SETTING PUBLIC HEARING AND LETTING FOR FOR DOWNTOWN UNDERGROUND CONVERSION PROJECT, SOUTH ALLEY PREMISE WIRING MODIFICATION" and moved that it be adopted. Board Member Rozga seconded the motion to adopt. The roll was called, and the vote was:

AYES: Selgrade, White, Voigts, Rozga

NAYS: None

ABSENT: Lori Smith

Whereupon the Chair declared the following resolution duly adopted:

RESOLUTION 2024-004 ADOPTING PLANS, SPECIFICATIONS, FORM OF CONTRACT
AND ESTIMATE OF COST FOR DOWNTOWN UNDERGROUND CONVERSION PROJECT, SOUTH ALLEY PREMISE WIRING
MODIFICATION PROJECT

WHEREAS, on the 10th day of January, 2024, the plans, specifications, form of contract and estimate of cost were filed with the City Clerk for the Indianola Municipal Utilities, for certain public improvements described in general as the South Alley Premise Wiring Modification Project for Indianola Municipal Utilities, Indianola, Iowa; and

WHEREAS, notice of hearing on plans, specifications, form of contract and estimate of costs of the public improvements was published as required by law.

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE INDIANOLA MUNICIPAL UTILITIES:

Section 1. The plans, specifications, form of contract and estimate of cost are approved as the plans, specifications, form of contract and estimate of cost for the public improvements described in the preamble of this Resolution.

PASSED AND APPROVED this 12th day of February 2024.

Deb White, Chairperson

ATTEST:

Monica Thompson, Board Secretary

MEMORANDUM

To: IMU Board of Trustees of the Electric, Water and Communications Utilities

From:

Date: February 12, 2024

Subject: Resolution 2024-005 Awarding Construction Contracts and Bonds for South Alley
Premise Wiring Modification Project

Recommendation:

Attachments:

1. IMU Bid Recommendation 2024-01-30
2. Res 2023-005 Awarding Contract for South Alley Premise Wiring Modification

January 30, 2024

Mr. Mike Metcalf
Indianola Municipal Utilities
210 W. Second Ave.
Indianola, IA 50125

Dear Mike:

Bids were received at 2:00 PM on January 30 for the installation contract for the South Alley Premise Wiring Modification Contract. Four bids were received for the contract, as follows.

Bidder	Lump Sum Bid
Van Maanen Electric, Inc.	\$188,475.00
Tri-City Electric Company of Iowa	\$114,610.00
Baker Electric, Inc.	\$108,000.00
Miller Electric	\$92,220.00

The lump sum bid price covers all labor and materials to complete the work based on the current design. My estimate for the value of the contract was \$156,000. The low bid from Miller Electric is only 60% of my estimated cost, while the bids ranged from 60% to 121% of my estimate.

I have talked with Miller Electric, and have assurance from them that they have considered all aspects of the work, and are comfortable with their bid amount. They are a local contractor and are very familiar with the issues that will be encountered in the project. IMU has worked with them on numerous other projects and has always been pleased with their performance.

Miller would like to start the work in late February or early March. The completion date is specified as December 30, 2024, but this is dependent on the availability of materials. Miller has told me that some of the meter sockets that we specified have a lead time of over 12 months. While this may impact the final completion of the work on some of the

January 30, 2024

Mr. Mike Miller

Page 2 of 2

buildings, we will work with Miller and IMU to see if alternatives can be identified that have shorter lead times.

I recommend that IMU accept the Miller Electric bid and enter into a contract with them for this project.

If the Board accepts this recommendation I will prepare a Notice of Award and send it to Miller, and request that they provide the required bonds and insurance certificates. I will also send you two copies of the Contract ready for signatures, after the bonds and insurance certificates are received and approved. I will then issue the Notice to Proceed, after the contracts have been signed by both IMU and Miller Electric.

Please let me know if you have any questions concerning this recommendation.

Sincerely,



Allan Powers, P.E.

RESOLUTION 2024-005 Awarding Contract for South Alley Premise Wiring Modification

BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE INDIANOLA MUNICIPAL UTILITIES:

Section 1. The bid of Miller Electric in the amount of \$ 92,220.00 for the South Alley Premise Wiring Modification Project for Indianola Municipal Utilities, Indianola, Iowa, described in the plans and specifications previously adopted by this Board on the 8th day of January 2024, is accepted, it being the lowest and most responsible bid for the project.

Section 2. The IMU General Manager is hereby authorized to execute a contract with the contractor for the construction of the public improvement, the contract not to be binding on the Board of Trustees until approved by the Board.

PASSED AND APPROVED this 12th day of February 2024.

Lori Smith, Chairperson

ATTEST:

Monica Thompson, Board Secretary

MEMORANDUM

To: IMU Board of Trustees of the Electric, Water and Communications Utilities

From:

Date: February 12, 2024

Subject: Resolution 2024-006 Accepting HPI T&M Proposal 24-43032 for the critical minor inspection of 27 MW Alstom Generator

Recommendation:

Attachments:

1. Res2024-006 accepting HPI Proposal 24-43032 for Generator Minor Inspection
2. HPI Proposal 24-43032 Generator Minor Inspection
3. Indianola - HPI Rate Sheet 2024
4. 24-43032 Indianola Generator Minor T&M Price Sheet

Indianola Municipal Utilities
RESOLUTION NO. 2025-006

**RESOLUTION 2024-006 Accepting HPI T&M Proposal 24-43032 for the critical
minor inspection of 27 MW Alstom Generator**

WHEREAS, the Indianola Municipal Utilities hired HPI LLC to conduct a comprehensive investigation of 27 MW Alstom Generator (Turbine 8) and,

WHEREAS, HPI LLC will deploy a highly skilled team to conduct the investigation and oversee repair and,

WHEREAS, the proposed cost of the investigation and repair will be \$165,294.92 and

WHEREAS, the final total cost of the repair may increase and,

WHEREAS, IMU has an insurance policy that can be used for the repair, should costs run in excess of the deductible of \$350,000.

**NOW, THEREFORE, BE IT RESOLVED BY THE IMU BOARD OF TRUSTEES OF
INDIANOLA, IOWA,**

that General Manager Chris DesPlanques is authorized to accept this proposal, and sign any contracts and make payments as required up to the insurance deductible amount.

PASSED AND APPROVED this 12th day of February 2024

Deb White, Chairperson

ATTEST:

Monica Thompson, Board Secretary

2/6/24

Mike Metcalf
Indianola Municipal Utilities
210 W 2nd Ave
Indianola, IA 50125

Subject: HPI Proposal 24-43032 for Generator Minor Inspection

Dear Mr. Metcalf,

Thank you for your continued collaboration with HPI LLC. We are pleased to present this T&M proposal for the critical minor inspection of 27 MW Alstom Generator at Indianola Municipal Utilities, ensuring its optimal performance and reliability.

SCOPE OF SERVICES:

Pre-Mobilization:

1. Assign a Generator Specialist and generator-specific crew for the project.
2. Review previous final report recommendations.
3. Confirm unit release date.
4. Line up and schedule support services for the project.
5. Ship equipment and tools to the site.
6. Arrange for project staff accommodations.

Pre-Outage Work:

7. Generator Specialist and crew to arrive at project site prior to the release of the generator for assessment.
8. Prepare HPI LLC's tools and equipment at the job site.
9. Witness shutdown checks and walk-down all lock-out tag-out procedures.

Generator Minor Inspection:

Disassembly Phase:

10. Disassembly of the generator into its constituent components.
11. Detailed labeling and documentation of all parts to ensure accurate reassembly.
12. Careful handling and storage of disassembled parts to prevent damage.
13. Use of Indianola Municipal Utilities-provided specialty OEM tooling.

14. Continuous coordination with onsite I&E technicians to manage the disconnection of relevant instruments.

Visual Inspection – Stator:

15. Check for loose wedges, mechanical damage, looseness, overheating of core iron, stator bars condition, space block movement, and loose blocking, ties, supports, or bolting hardware.

Electrical Testing - Stator:

16. Winding copper resistance measurement for each phase.
17. Insulation Resistance and Polarization Index for each phase.
18. DC Leakage test for each phase (Note: Certain high voltage tests may not be performed per customer request).
19. One-minute Hipot test for each phase at owner-approved voltage level.
20. Resistance check and insulation resistance of all RTDs.

Visual Inspection - Field:

21. Assess collector rings and journal wear (Note: Mechanical evaluation to be performed by others).
22. Inspect for mechanical damage, arcing, looseness, or overheating of wedges, forging, fan rings, and retaining rings.
23. Inspect field windings for distortion, blocking, or insulation movement.

Electrical Testing – Field:

24. Winding copper resistance.
25. Insulation Resistance and Polarization Index.
26. AC Impedance Test.

Electrical Testing – Exciter:

27. Isolate armature winding from main field winding.
28. Measure insulation resistance and polarization of armature and stationary field winding.
29. Disassemble and inspect diode wheel components, cleaning as necessary.

Reassembly Phase:

30. Reassembly of the generator from its core components.
31. Verification of each part against documentation for correct placement and integration.
32. Quality checks at each step to ensure the integrity of the reassembled generator.

33. Collaboration with Indianola Municipal Utilities' team for the reintegration of instruments.
34. Final inspection to confirm that the generator is restored to its original state or better, ready for operation.

Demobilization:

35. Remove locks and tags.
36. Move tools and equipment off the turbine deck.
37. Clean the work area thoroughly.
38. Conduct walk-down and close-out review with the Customer.
39. Ship tools and equipment back to HPI LLC or next project location.

Post-Demobilization:

40. Submit a final report with a photographic record of scope activities within 30 days after start-up.
41. Complete contract performance surveys to ensure continuous improvement and customer satisfaction.

PROJECT MANAGEMENT AND EXECUTION TEAM COMPOSITION:

Our leadership and technical team for this project will comprise:

- One (1) **Technical Director (TD)** who will oversee the entire project, ensuring technical standards and safety protocols are meticulously followed.
- One (1) **Working Foreman (WF)**, responsible for coordinating daily operations and supervising the technical crew on-site.
- Four (4) **Turbine Mechanics (TM)**, responsible for the maintenance, repair, and operational integrity of generator.

ANTICIPATED PROJECT TIMELINE:

The project is structured to unfold in three critical phases,

- **Disassembly Phase:** Spanning a focused period of four days, our team will diligently work to disassemble the generator, preparing it for a thorough inspection and testing.
- **Inspection and Testing Phase:** Over the subsequent two to three days, our specialists will conduct testing and assessments to assess the generator's integrity and performance.
- **Reassembly Phase:** Following the inspection, a reassembly will take place across five to six days, where our team will restore the generator to its operational state.

To ensure the project's timely and successful completion, our crew will be executing twelve-hour day shifts.

FINANCIAL OVERVIEW:

- Total Time & Material (T&M) estimated cost: **\$165,294.92.**
- Payment Terms: Net 30, invoiced weekly.

We are committed to providing the highest level of expertise and service. HPI LLC is prepared to execute the tasks outlined in this proposal, ensuring minimal disruption to your operations.

Please review the updated rate sheet included with this proposal. We are available to discuss any aspect of this proposal in further detail and look forward to the opportunity to work closely with Indianola Municipal Utilities on this essential project.

We appreciate the opportunity to present this proposal and look forward to the possibility of collaborating on this project. Should you have any questions or require further clarification on any aspect of the proposal, please do not hesitate to reach out.

Respectfully,

Andrew Cloy
Proposal Coordinator
HPI LLC
15534 W. Hardy Rd. Ste 220,
Houston, TX 77060
Mobil: (832) 803-2010
Office: (713) 457-7500
acloy@hpi-llc.com
www.hpi-llc.com



[Attachment: Time and Materials Rate Sheet]

Notes and Special Considerations:

- **OEM Tooling Provision:** This proposal is contingent upon Indianola Municipal Utilities providing specialized OEM tooling necessary for the generator. Specifically, the **skid pan, belly shoe, and coupling shoe** will be required on-site.
- **Instrumentation & Electrical (I&E) Technicians:** The current proposal assumes that Indianola Municipal Utilities will allocate their own I&E technicians for the removal and replacement of

instruments and related components. This collaboration is essential for the streamlined integration of mechanical and electrical aspects of the maintenance work.

- **HPI I&E Technicians Availability:** Should the need arise, HPI is capable of providing skilled I&E technicians to support the project. The provision of such personnel would be in accordance with the terms and rates outlined in our attached Time & Materials (T&M) rate schedule.

Acceptance

To proceed with the services outlined in this proposal, please provide a formal acknowledgment by signing below. This will confirm your acceptance of the scope, terms, and conditions as detailed in the proposal and will authorize HPI LLC to initiate the planning and execution of the project. We request that the signed acceptance be returned to us as soon as possible, to ensure that project timelines are adhered to.

Upon receipt of the signed acceptance, HPI LLC will commence with the mobilization and pre-outage work as scheduled.

Should you require any modifications or have additional requests before providing your acceptance, please feel free to discuss them with us. We are here to ensure that all your needs are met and that the project outcome aligns with your expectations.

Company Name: _____

Authorized Signature: _____

Printed Name: _____

Title: _____

Date: _____

Company Name: HPI LLC _____

Authorized Signature: _____

Printed Name: _____

Title: _____

Date: _____



***Mechanical/ Maintenance
Field Service Rate Schedule 2024
Rate sheet "A" Scheduled/Planned
Indianola Municipal Utilities***

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January 2024

PROPRIETARY INFORMATION NOTICE**RESTRICTIONS ON USE AND DISCLOSURE OF HPI PROPOSAL
INFORMATION**

This proposal and the correspondence and communications concerning this proposal (collectively the “Proposal”) developed by HPI, LLC (“HPI”) and provided to this customer are the property of HPI. This Proposal and the information contained herein is furnished with the understanding that it will not, without the prior written consent of HPI, be used for any purpose other than in connection with the evaluation of HPI's Proposal and the selection of suppliers for the project. In no event shall the Proposal or any information contained herein be disclosed to any third party without the prior written consent of HPI. The Proposal contains information that is confidential and proprietary to HPI including, without limitation, information relating to price, payment terms, warranty, and performance guarantees.

The owner/customer agrees to return the Proposal and all copies or extracts thereof upon termination of HPI's participation in the project, or upon written request from HPI.



First Point Assessment Registration No: #10049487



Certificate No. 6783



FIELD SERVICE RATE SCHEDULE

Domestic

EFFECTIVE 2024

HOURLY BILL RATES (In US Dollars) Non-Union or Prevailing wage locations

CLASSIFICATION	RATES PER HOUR	
	ST	OT
Compressor Engineer	\$220.00	\$330.00
Steam Engineer	\$200.00	\$300.00
Shop/Field Engineering support	\$200.00	\$300.00
Service Shop Technician Rate	\$190.00	\$285.00
Technical Director	\$147.00	\$220.50
Project Manager	\$175.00	\$262.50
Supervisor	\$95.75	\$143.63
Working Foreman	\$67.20	\$100.80
Turbine Mechanic	\$56.00	\$ 84.00
Welder	\$74.00	\$ 94.00
General Laborer	\$42.00	\$ 70.50
Turbine Tool Unit	\$560.00 per day	
Consumables	\$1.50 per man hour	
Vehicles	\$100.00/day	
Daily Vehicle Mileage (40 miles/day/truck)	\$0.75 mile	
Mileage from Home Office Round Trip	\$0.75/mile	
Per Diem (incl. Food and Lodging) per man	\$175.00/day	

All hours worked in excess of 8 hours during the weekday will be charged as overtime (1.5 times the straight time rate). All hours worked on Saturday and Sunday will be overtime. All hours worked on statutory American holidays shall be billed at a double time rate. Any scheduled working day will be charged at a minimum 8 hours or hours worked, whichever is greater. All rates are subject to annual adjustment. Note: When any part of a day is worked offshore or in a hazardous area, the 25% premium applies to that whole day.

F. TERMS – GENERAL

1. Parts, third party materials and subcontracted services shall be billed at cost + 15%.
2. Shipment of tool container will be at cost plus 15%.
3. Public Transportation (airfare, bus, taxi etc.) will be actual cost + 15%.
4. Invoices are payable net Thirty (30) days from date of invoice.

Rates effective through 12-31-24

DEFINITIONS

STAND-BY – Any scheduled work day that work is not performed will be billed at 8 hours straight time.

OFFSHORE / HAZARDOUS AREA - HPI reserves the right to refuse dispatch of its staff to any areas involved or threatened by warfare, and areas deemed unsafe by O.S.H.A.

PREPARATION TIME / FIELD SERVICE REPORTS - In-House Support time spent prior to departure shall be billed at the Standby Rate. This time will be used as necessary to research the site application in order to optimize our staff's time on-site.

ENGINEERING DESIGN SERVICES - In-house engineering design services can be provided on request. This service will be charged at 75% of published field site rates.

TRAVEL - Travel time shall be charged at straight time rates for all hours involved.

For U.S. projects, staff deployment is from Houston, Texas, USA. International projects may deploy from Houston or Southampton, U.K.

EXPENSES - All material costs, and any other miscellaneous expenses shall be charged at cost plus a 15% handling fee. Specialized equipment and tools shall be billed additionally. Prices shall be quoted on request.

JOB SCOPE - HPI's technical know-how and expertise is limited to goods and services supplied under contract. Any warranty, whether expressed or implied as to engine, plant and/or machinery operational performance is excluded.

TERMS

All work shall be invoiced against customer's Purchase Order. Purchase Order must be issued prior to commencement of work. Terms of payment are net 30 days from date of invoice for work completed within a thirty-day period. For work exceeding thirty days monthly progress payment shall be required.

This offer is made subject to agreed upon terms and conditions which shall form the basis of the contract between HPI, LLC and the customer.

Rates effective through 12-31-24

PRICE SHEET

UNIT TYPE(S)	27KVA Generator
Salesforce Number:	24-43032
Customer Name:	Indianola Municipal Utilities
Mileage to Jobsite:	906
Project Description:	Generator Minor Inspection

Labor Price

Resource Type	No. Of Men	Total Hours	ST Hrs	ST Rate	OT Hrs	OT Rate	TT Hrs	TT Rate	Total Quote \$
Technical Advisor	1	148	64	\$ 147.00	68	\$ 220.50	16	\$ 110.64	\$ 26,172
								\$	-
Working Foreman	1	132	64	\$ 67.20	68	\$ 100.80		\$ 58.57	\$ 11,155
Turbine Mechanic	4	528	256	\$ 56.00	272	\$ 84.00		\$ 50.75	\$ 37,184
									\$ -
									\$ -
									\$ -
									\$ -
									\$ -
									\$ -
									\$ -
Labor Totals	6	808							\$ 74,511.44

Subsistence Price

Task	Resource Type	No. Of Men	No. Of Days	Rate Per Day	Total \$
	Technical Advisor	1	14.0	\$ 200.00	\$ 2,800.00
				\$ 200.00	\$ -
	Working Foreman	1	12.0	\$ 200.00	\$ 2,400.00
	Turbine Mechanic	4	12.0	\$ 200.00	\$ 9,600.00
				\$ 200.00	\$ -
				\$ 200.00	\$ -
				\$ 200.00	\$ -
				\$ 200.00	\$ -
				\$ 200.00	\$ -
Subsistence Totals		6			\$ 14,800.00

Subcontractor Price

Subcontractor	Total \$
20FT Office Trailer	\$ 4,400.00
Restroom	\$ 420.00
Forklift, Compressor	\$ 5,951.00
Generator Testing	\$ 28,791.00
	\$ -
	\$ -
	\$ -
	\$ -
	\$ -
Subcontractor Totals	\$ 45,496.30

Other Price

Task	Units	Unit Cost	Total \$
Mobilization	5	\$ 1,540.20	\$ 8,856
Gas Tool Unit Mobe/Demobe	2	\$ 5,000.00	\$ 11,500
Management/Supervision Travel	1	\$ 1,540.20	\$ 1,771
			\$ -
Consumables 1.75 per/man hour	808	\$ 1.50	\$ 1,394
FRC Supply	0	\$ 1.50	\$ -
Tool Conex Daily Rentail Charge	9	\$ 560.00	\$ 5,796
Local Mileage (40 Miles/Day/Vehicle	360	\$ 0.75	\$ 270
Local Truck use	9	\$ 100.00	\$ 900
			\$ -
			\$ -
			\$ -
Total Other Cost			\$ 30,487.18

Price Totals

Outage Estimate	Price Totals
Labor	74,511
Subsistence	14,800
Subcontractors	45,496
Other	30,487

Total Price \$ 165,294.92

MEMORANDUM

To: IMU Board of Trustees of the Electric, Water and Communications Utilities

From:

Date: February 12, 2024

Subject: Resolution 2024-007 to approve change order no. 1 and accept the Pella Fiber Transport Network West to IMU project

Recommendation: Resolution to approve change order no. 1 in the amount of \$105,199.79 and accept the Pella Fiber Transport Network West to IMU project. Board awarded the contract for this project to Kramer Service Group on November 14, 2022. The project includes construction of a fiber optic network to connect Pella to Indianola including installation of a conduit, fiber and handholes in the right-of-way.

This change order reflects an increase of \$105,199.79 to the project. The change order is a result of alignment changes outlined below:

- IA Highway 5, west of Knoxville – moved running line from north side of highway to south side of highway at McKimber Street Exit ramp for 0.90 miles then crossed back to north side of highway.
- Changes in running line upon DOT review, forcing previously plowed sections to be bored.
- Reroute of existing conduit through Indianola, as existing conduit exceeded fill requirements.
- Beech, IA – reroute from the intersection of IA Highway 92 and 245th Street along 245th Street, Indiana Avenue, and County Highway S31 back to the corner of IA Highway 92 and County Highway S31. Water mains caused more bore than anticipated.
- Moved crossing from south side to north side of IA Highway 92 and 150th Street from west side of interchange to east side of interchange.

Attachments:

1. Resolution to approve change order no. 1 and accept the Pella Fiber Transport Network West to IMU project
2. X-1 Support 1 Change Order No. 1

Indianola Municipal Utilities
RESOLUTION NO. 2025-007

RESOLUTION 2024-000 Resolution to approve change order no. 1 and accept the Pella Fiber Transport Network West to IMU project.

WHEREAS, on November 14, 2022 the Board of Trustees of the Indianola Municipal Utilities approved the construction contract, bond and insurance coverage for the construction of certain public improvements described in general as the Pella Fiber Transport Network West to IMU, and as described in detail in the plans and specifications; and

WHEREAS, during the construction process, Kramer Service Group and Newcom Engineering experienced necessary route alignment changes; and

WHEREAS, change order no. 1 to the construction contract with Kramer Service Group has been prepared to formally amend the contract terms to encompass the change outlined above.

NOW, THEREFORE, BE IT RESOLVED BY THE IMU BOARD OF TRUSTEES OF INDIANOLA, IOWA,

That Change order no. 1 to the Construction Contract with Kramer Service Group for this project is hereby approved; and

The total authorized compensation to Kramer Service Group for this project is increased through approval of change order no. 1 as shown below:

Original Contract	\$1,838,860.28
Change Order No. 1	<u>\$ 105, 199.79</u>
Total Revised Contract	\$1,944,060.07

PASSED AND APPROVED this 12th day of February 2024

Deb White, Chairperson

ATTEST:

Monica Thompson, Board Secretary



CITY OF PELLA

825 Broadway Street
Pella, IA 50219

CHANGE ORDER

Distribution:	
Owner	<u> X </u>
Engineer	<u> X </u>
Contractor	<u> X </u>
Other	<u> </u>

Contractor: **Kramer Service Group**
W15836 Hwy 8, PO Box 71
Weyerhaeuser, Wisconsin 54895
Brent LaBrie
Brent@KramerServiceGroup.com

Project Title	CONSTRUCTION OF PELLA FIBER TRANSPORT NETWORK WEST TO IMU	
Pella Project File Number	2022-Pella-TP-West-01	
Purchase Order Number	na	
Orig. Contract Amount & Date	\$ 1,838,860.28	11/14/22
Change Order Number	CO-01	
Date	November 1, 2023	

THE CONTRACT CHANGE IS REQUIRED TO COMPLETE THE TRANSPORTATION NETWORK CONSTRUCTION IS SUMMARIZED AS FOLLOWS:

This Change Order reflects an extension in the contract time by 12 weeks. The original construction completion date was August 16, 2023, the extension will set completion date at November 10, 2023, with ground restoration to be completed in the same time frame. This extension is substantiated by delays due to utility locate delays by 3rd party companies, late spring startup due to wet ground conditions, and delays in some permits due to route alignment changes and determination that some sections of the IMU existing conduit system were not useable.

- IA Highway 5, west of Knoxville – moved running line from north side of highway to south side of highway at McKimber Street Exit ramp for 0.90 miles then crossed back to north side of highway.
 - Changes in running line upon DOT review, forcing previously plowed sections to be bored.
 - Reroute of existing conduit through Indianola, as existing conduit exceeded fill requirements.
 - Beech, IA – reroute from the intersection of IA Highway 92 and 245th Street along 245th Street, Indiana Avenue, and County Highway S31 back to the corner of IA Highway 92 and County Highway S31. Water mains caused more bore than anticipated.
 - Moved crossing from south side to north side of IA Highway 92 and 150th Street from west side of interchange to east side of interchange.
- Overall cost increase of 5.72% due to changes outlined above.

Item	Description	Unit	Unit Price	Quantity Adjustment	Value Adjustment
C01.1	CONDUIT, PLOW FURNISH AND INSTALL, 1 ½ " HDPE SDR 13.5	LF	\$ 2.30	-4082	\$ (9,388.60)
C01.2	CONDUIT, HDD, FURNISH AND INSTALL, 1 ½ " HDPE SDR 13.5 and 2" SDR11	LF	\$ 10.25	9758	\$ 100,019.50
C01.3	VAULT, FURNISH AND INSTALL, 24"x36"x30" TIER 15 WITH PLACARD	EACH	\$1,336.00	7	\$ 9,352.00
C01.4	FIBER OPTIC CABLE, FURNISH AND INSTALL IN NEW CONDUIT, 48 COUNT, RIBBON or Loose Tube , SINGLE ARMORED	LF	\$ 1.34	3593	\$ 4,814.62
C01.5	FIBER OPTIC CABLE, FURNISH AND INSTALL IN EXISTING CONDUIT 48 COUNT, RIBBON or Loose Tube , SINGLE, SINGLE ARMORED	LF	\$ 1.57	329	\$ 516.53
C01.6	CONDUIT, HDD, FURNISH AND INSTALL – DES MOINES RIVER CROSSING, 2" HDPE SDR 11	LF	\$ 25.00	-2	\$ (50.00)
C01.7	FIBER MARKER POST, FURNISH AND INSTALL	EACH	\$ 64.26	-1	\$ (64.26)
					\$ -
					\$ -
					\$ -
					\$ -
TOTAL					\$105,199.79

CHANGE ORDER SUMMARY	
The Original Contract Sum was	\$ 1,838,860.28
Net Change by previously authorized Change Orders	\$0.00
The Contract Sum prior to This Change Order was	\$1,838,860.28
The Contract Sum will be revised by this Change Order in the amount of	\$105,199.79
The new Contract Sum including this Change Order will be	\$1,944,060.07
Aggregate Change Order as a percent of Original Contract (if greater than 10% of the original contract, Council Subcommittee recommendation and all signatures through the full Council are required)	5.72%
The Contract Time will be INCREASED by	86 Days
The date of Final Completion as of the date of this Change Order therefore is	November 10, 2023

NOT VALID UNTIL SIGNED BY THE CONTRACTOR, OWNER'S REPRESENTATIVE (if applicable) AND OWNER

Requested Acceptance By: Kramer Service Group	Recommended For Acceptance By: NewCom Technologies, Inc.	Approved for Acceptance By: City of Pella, Project Manager
Signature:	Signature:	Signature:
Name: Ivan J. Martin	Name: Sean Kelly	Name: Doy Ousley
Title: VP of Ops	Title: COO	Title: Director of Telecom
Date: 11/1/2023	Date: 11/1/2023	Date: 11/10/23

MEMORANDUM

To: IMU Board of Trustees of the Electric, Water and Communications Utilities
From:
Date: February 12, 2024
Subject: Discussion and Direction on additional investment in Brookings Transmission Project

Recommendation: Brookings Line Participants:

We did receive confirmation from Xcel that the project cost was publicly released and the documents that show that release. This allows you to share publicly this information with your governing bodies. Of note, the cost estimate we utilized to establish the \$2.0 million (cash contribution) included a 20% contingency and is as follows:

Second Circuit: \$72.8 million
OPGW: \$3.9 million
Total: \$76.7 million total (no contingency)

CMPAS's total share : \$3.7 million (4.8675%)
With Contingency: \$4.5 million (Estimated total CMPAS share with a 20% contingency)

As mentioned in prior emails, we have \$2.5 million available to use from our prior financing activities (in reserve accounts). The request of the group of Brookings Line project participants was to prepare and be ready for up to \$2.0 million in cash to cover the total amount of \$4.5 million.

We anticipate utilizing the \$2.5 million in reserves first and then, when that is depleted, to begin billing for the participant cash contributions. Agreements regarding construction timing and processes are being developed and we will share those with you as they are finalized.

We are hopeful that our share of the projects come in at the \$3.7 million amount, but just want to make sure people are prepared if it comes in higher (as ultimate billing will reflect actual project cost at end of construction).

Please Reference Executive Summary in Attached Document.

Attachments: 1. Northern States Power Executive Summary ONLY

**APPLICATION TO THE
MINNESOTA PUBLIC UTILITIES COMMISSION
FOR A CERTIFICATE OF NEED
FOR THE PROPOSED 345 KV BROOKINGS COUNTY
– LYON COUNTY AND HELENA – HAMPTON
SECOND-CIRCUIT PROJECT**

MPUC Docket No. E002/CN-23-200

August 15, 2023

Submitted by

Northern States Power Company



Table of Contents

1.	EXECUTIVE SUMMARY	1
1.1	Introduction.....	1
1.2	Project History and Planning.....	2
1.2.1	Project History.....	2
1.2.2	Project Planning	3
1.3	Project Description.....	5
1.3.1	Project Facilities	5
1.3.2	Notice Area and Routing Corridors.....	5
1.4	Project Ownership.....	7
1.5	Need for the Project.....	7
1.6	Project Costs and Schedule	9
1.7	Potential Environmental Impacts	9
1.8	Public Input and Involvement.....	9
1.9	Project Meets Certificate of Need Criteria.....	10
1.10	Socioeconomic Considerations	12
1.10.1	Socially Beneficial Uses of Facility Output	12
1.10.2	Promotional Activities.....	12
1.10.3	Effect in Inducing Future Development.....	13
1.11	Application Organization	13
1.12	Company's Request and Contact Information.....	13
2.	Project Description	15
2.1	Project Components.....	15

Table of Contents

2.1.1	Transmission Line and Structures	16
2.1.2	Associated Facilities	19
2.2	Project Costs.....	20
2.3	Rate Impact.....	21
2.4	Project Schedule and Work Force.....	23
3.	ELECTRICAL SYSTEM AND CHANGING GENERATION PORTFOLIO OVERVIEW	25
3.1	Electrical System Overview.....	25
3.2	Transmission System Overview	26
3.2.1	High-Voltage Transmission Lines.....	28
3.2.2	Substations	28
3.3	Changing Generation Portfolio	28
3.3.1	Overview of Growth in Renewable Generation.....	28
3.3.2	Changing Energy Policy.....	33
3.3.3	Technological Advancement and Economics of Renewable Generation	37
3.3.4	Transmitting Renewable Energy to Where It Is Needed	41
4.	NEED ANALYSIS.....	51
4.1	Congestion Overview.....	51
4.2	Method for Analyzing Benefits of Congestion Relief Projects	53
4.3	Project Identification and Development.....	54
4.4	Analysis of Project Benefits	55
4.5	Reliability Analyses	60
4.6	Transmission and Non-Transmission Alternatives	61

Table of Contents

4.6.1	New Generation.....	61
4.6.2	Upgrading Existing Transmission Lines or Existing Generating Facilities	61
4.6.3	Using a Different Voltage or Conductors.....	61
4.6.4	Construction of Alternative Transmission Line with Different Terminals or Substations.	62
4.6.5	Double Circuiting of Existing Transmission Lines or Double Circuiting Project	62
4.6.6	Construction of a DC Transmission Line.....	62
4.6.7	Construction of an Underground Transmission Line.....	62
4.6.8	Construction of Only One Segment of the Project.....	63
4.6.9	Reasonable Combination of Alternatives.....	63
4.6.10	No action alternative.	63
4.7	Conclusion and Recommendations	64
5.	TRANSMISSION LINE OPERATING CHARACTERISTICS.....	65
5.1	Transmission Line Operating Characteristics Overview.....	65
5.2	Ozone and Nitrogen Oxide Emissions, Sulfur Hexafluoride.....	65
5.3	Noise.....	66
5.3.1	Transmission Line Noise	66
5.3.2	Substation Noise	68
5.4	Radio, Television, and GPS Interference.....	68
5.5	Safety.....	69
5.6	Electric and Magnetic Fields	69
5.6.1	Electric Fields	69

Table of Contents

5.6.2	Magnetic Fields.....	71
5.7	Stray Voltage and Induced Voltage.....	76
5.8	Farming Operations, Vehicle Use, and Metal Buildings near Power Lines.....	76
6.	TRANSMISSION LINE CONSTRUCTION AND MAINTENANCE	78
6.1	Engineering Design and Regulatory Approvals.....	78
6.2	Right-of-Way Acquisition.....	78
6.3	Construction Procedures	79
6.4	Restoration and Clean-Up Procedures	81
6.5	Maintenance Practices	82
6.6	Storm and Emergency Response and Restoration	83
7.	ENVIRONMENTAL INFORMATION	85
7.1	Project Study Area	86
7.2	Physiographic Regions	87
7.2.1	Minnesota River Prairie Subsection	87
7.2.2	Coteau Moraines Subsection.....	88
7.2.3	Rochester Plateau Subsection	88
7.2.4	Oak Savanna Subsection.....	88
7.2.5	Big Woods Subsection	89
7.3	Hydrologic Features	89
7.3.1	Groundwater.....	90
7.3.2	Surface Water.....	90
7.4	Natural Vegetation and Associated Wildlife.....	93
7.4.1	Vegetation and Wildlife.....	93

Table of Contents

7.4.2	Sensitive or Managed Wildlife Habitats.....	95
7.4.3	Federally Listed Species	96
7.4.4	State-Listed Species.....	101
7.5	Conservation Easements	104
7.6	Topography and Land-use Types within the Temporary Workspaces	104
7.7	Human Settlement.....	106
7.7.1	Demographics and Socioeconomics	106
7.7.2	Environmental Justice	108
7.7.3	Recreation.....	110
7.7.4	Aesthetics	110
7.7.5	Agricultural Production.....	110
7.7.6	Forestry Production.....	112
7.7.7	Mineral Extraction	112
7.8	Public Services and Transportation	112
7.9	Climate Change	113
7.10	Electric and Magnetic Fields.....	115
7.11	Archaeological and Historical Resources.....	116
7.12	Other Permits and Approvals.....	120
7.13	References	122

List of Tables

Table 2.1: Transmission Line Characteristics	18
Table 2.2: Project Capital Expenditure Estimates Western Segment	21
Table 2.3: Project Capital Expenditure Estimates Eastern Segment	21
Table 2.6: Anticipated Project Schedule	24
Table 4.1: Xcel Energy's MISO Charge Type Year Over Year Comparison (\$000s)	53
Table 4.2: NSP Peak Demand and Total Demand Projections.....	55
Table 4.3: Estimated APC Savings and Benefit Cost Ratios.....	58
Table 4.4: Forecasted MISO-Wide Congestion Charges and Savings	59
Table 4.5: NSP System Losses	64
Table 5.1: Electric Field Calculation Summary (kV/m) (Both Segments)	70
Table 5.2: Magnetic Field Calculation Summary (mG) (Western Segment)	72
Table 5.3: Magnetic Field Calculation Summary (mG) (Eastern Segment)	72
Table 7.1: Wetland Acreage by Cowardin Classification within Temporary Workspaces	92
Table 7.2: Federally Listed Species Potentially Present in the Project Study Area	97
Table 7.3: State-Listed Species Potentially Present Within One Mile Buffer of Project Study Area.....	102
Table 7.4: Land Use within the Project's Temporary Workspace	105
Table 7.5: Demographic Information in the Project Study Area	107
Table 7.6: Race and Ethnicity of the Population in the Project Study Area.....	108
Table 7.7: Agricultural Statistics for the Project Study Area	111
Table 7.8. EMF Comparison.....	116
Table 7.9: Cultural Sites Within One-Mile Project Study Area of the Western Segment.....	118

List of Tables

Table 7.10: Cultural Sites Within One-Mile Project Study Area of Eastern Segment.....	119
Table 7.11: Potential Permits/Compliance Requirements.....	121

List of Figures

Figure 1.1: Project Study Area.....	6
Figure 2.1: Project Map	16
Figure 2.2: Existing Structures	17
Figure 3.1: Electrical System.....	26
Figure 3.2: Xcel Energy's Transmission System in Minnesota, North Dakota, and South Dakota	27
Figure 3.3: Minnesota's Electricity Generation Mix 2001-2021, Percentage of Total MWh	29
Figure 3.4: Minnesota Electricity Generation in 2022.....	30
Figure 3.5: Minnesota's Wind Capacity 2006-2021	31
Figure 3.6: Cumulative Solar Capacity in Minnesota	32
Figure 3.7: Annual Solar Installations in Minnesota	33
Figure 3.8: States with Renewable Energy Standards or Goals, 2021	35
Figure 3.9: Wind Nameplate Capacity 1998-2021	37
Figure 3.10: United States Wind Capacity Factors: 1998-2020	38
Figure 3.11: Increases in Si Module Efficiency.....	39
Figure 3.12: Average Levelized PPA Price: 1996-2021	40
Figure 3.13: Minnesota Average Annual Wind Speeds at 100 meters Above Surface Level.....	42
Figure 3.14: South Dakota Average Annual Wind Speeds at 100 meters Above Surface Level.....	43
Figure 3.15: North Dakota Average Annual Wind Speeds at 100 meters Above Surface Level.....	44
Figure 3.16: Minnesota Solar Suitability Map	45

List of Figures

Figure 3.17: South Dakota Solar Suitability Map	46
Figure 3.18: North Dakota Solar Suitability Map.....	47
Figure 3.19: Wind, Solar, and Battery Energy Storage Projects in MISO Interconnection Queue: Southwestern Minnesota, Eastern South Dakota, and Northern Iowa	49
Figure 4.1: Congestion Illustration	52
Figure 4.2: NSP Fossil Fuel Additions – MTEP21 Future 1 Scenario	56
Figure 5.1: Noise Chart	67
Figure 5.2: Calculated Electric Fields (kV/m) for Proposed 345 Kilovolt Transmission Line Designs (one meter above ground) (Both Segments)	71
Figure 5.3: Calculated Magnetic Flux density (mG) for Proposed 345/345 Kilovolt Transmission Line Design (one meter above ground) (Western Segment)	73
Figure 5.4: Calculated Magnetic Flux density (mG) for Proposed 345/345 Kilovolt Transmission Line Design (one meter above ground) (Eastern Segment).....	74
Figure 7.1: Lincoln and Lyon Counties (Western Segment) Precipitation and Temperature Trends from 1895 – 2023.....	114
Figure 7.2: Scott and Dakota Counties (Eastern Segment) Precipitation and Temperature Trends from 1895 – 2023.....	115

Appendices

Appendix A	Certificate of Need Application Completeness Checklist
Appendix B	Technical Diagrams of Typical 345 kV Structures
Appendix C	Revenue Requirements
Appendix D	Adjusted Production Cost
Appendix E	2021 MISO Futures Report
Appendix F	Conservation Program
Appendix G	Environmental Figures
Appendix H	Commission Order on Exemption Request and Notice Plan Petition

Defined Terms

Term	Defined
AC	Alternating Current
ACSR	Aluminum Conductor Steel Reinforced
AFUDC	Allowance for Funds Used During Construction
AMA	Aquatic Management Areas
Agreement	Project Participation Agreement
Amps or Amperes	The rate at which electric charge moves through a wire
APC	Adjusted Production Cost
BGEPA	Bald and Golden Eagle Protection Act
BMPs	Best Management Practices
BWSR	Board of Water and Soil Resources
Brookings Second-Circuit Project or Project CapX2020 Brookings Owners	The Brookings County – Lyon County and Helena Hampton Second-Circuit Project Central Minnesota Municipal Power Agency, Great River Energy, Xcel Energy, Otter Tail Power Company, and Western Minnesota Municipal Power Agency
Commission or MPUC	Minnesota Public Utilities Commission
Company	Xcel Energy
CSP	Concentrating Solar Power
Curtailment	A reduction in the output of a generator
dB(A)	A-weighted decibel
DC	Direct Current
DOC-EERA	Minnesota Department of Commerce, Energy Environmental Review and Analysis
DOE	U.S. Department of Energy
Eastern Segment	Helena – Hampton portion of the Brookings Transmission Line
ECS	Ecological Classification System
ELF	Extremely Low Frequency
EMF	Electric and Magnetic Fields
ESA	Endangered Species Act
EPA	U. S. Environmental Protection Agency
FAA	Federal Aviation Administration

Defined Terms

FEMA	Federal Emergency Management Agency
GBCA	Grassland Bird Conservation Areas
GRE	Great River Energy
IBA	Important Bird Areas
IPaC	USFWS Information for Planning, and Conservation System
IRA	Inflation Reduction Act of 2022
IRP	Integrated Resource Plan
ITC	Investment Tax Credit
Load	All the devices that consume electricity and make up the total demand for power at any given moment or the total power drawn from the system
kV/m	Kilovolt/meter
kV	Kilovolt
kWh	Kilowatt-hour
LRTP	MISO's Long-Range Transmission Planning
MDNR	Minnesota Department of Natural Resources
mG	milliGauss
MISO	Midcontinent Independent System Operator, Inc.
MCBS	Minnesota County Biological Survey
Mono c-Si	Monocrystalline Si modules
MnDOT	Minnesota Department of Transportation
MPCA	Minnesota Pollution Control Agency
MTEP	MISO Transmission Expansion Plan
MVAR	Mega-Volt-Amperes Reactive
MW	Megawatt
NAC	Noise Area Classifications
NESC	National Electric Safety Code
NHIS	MDNR Natural Heritage Inventory System
NRHP	National Register of Historic Places
NWI	National Wetlands Inventory
NWR	National Wildlife Refuges
NO _x	Nitrogen Oxides
NLEB	Northern Long-Eared Bat

Defined Terms

NSP	Northern States Power Company, a Minnesota corporation
NSP Companies	Xcel Energy, a Minnesota corporation, and Northern States Power Company, a Wisconsin corporation
NPDES	National Pollution Discharge Elimination System
OSHA	Occupational Safety and Health Administration
Ohms	A measurement of the force that moves the electricity through the wire
OSA	Office of State Archaeologist
OPGW	Optical Ground Wire
Original Brookings Line	Brookings County – Hampton 345 kV transmission line as constructed with a single circuit installed on double-circuit capable structures on the Western and Eastern Segments
PPB	Parts Per Billion
PPM	Parts Per Million
PROMOD	PROduction MODeling
PTC	Production Tax Credit
PV	Photovoltaic
PWI	MDNR Public Waters Inventory
RRWP	Railroad Rights-of-Way Prairies
Renewable Energy	Generation resources that rely on fuel sources that restore themselves over short periods of time and cannot be depleted
RPS	Renewable Portfolio Standards
RIM	Reinvest in Minnesota
SGCN	Species of Greatest Conservation Need
SNA	Scientific and Natural Areas
SHPO	Minnesota State Historic Preservation Office
SWCD	Soil and Water Conservation District
SF6	Sulfur Hexafluoride
Substation	Substations allow transmission lines to connect with one another, or allow power to be transformed between higher and lower voltages
SWPPP	Stormwater Pollution Prevention Plan
TCB	Tricolored bat

Defined Terms

USACE	U.S. Army Corps of Engineers
USDA	United State Department of Agriculture
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
Voltage	A type of “pressure” that drives electrical charges through a circuit. Higher voltage lines generally carry power longer distances
Western Segment	Brookings County – Lyon County portion of the Brookings Transmission Line
WHO	World Health Organization
WIA	Minnesota Walk-In Access
WMA	Wildlife Management Areas
WPA	Waterfowl Production Areas
Xcel Energy	Northern States Power Company, a Minnesota corporation

1. EXECUTIVE SUMMARY

1.1 Introduction

Northern States Power Company, a Minnesota corporation (NSP), doing business as Xcel Energy (Xcel Energy or the Company), requests a Certificate of Need from the Minnesota Public Utilities Commission (Commission) to construct the Minnesota portion of the Brookings County – Lyon County Second-Circuit Project and Helena – Hampton Second-Circuit Project (collectively, the Brookings County – Lyon County Second-Circuit Project and the Helena – Hampton Second-Circuit Project are referred to as the Brookings Second-Circuit Project or Project).

This Project will help reduce energy costs by addressing one of the most electrically congested areas in the region. Currently, low-cost renewable energy generated in North Dakota, South Dakota, and southern Minnesota faces congestion when flowing to load centers, like the Twin Cities. When this congestion occurs, the cost of electricity increases due to congestion charges because electricity must come from higher-cost generators in areas without transmission constraints. These higher costs, resulting from inefficiencies in the wholesale energy market, increase costs for customers. This congestion is projected to worsen over the next 10 years as more renewable energy facilities come online in this area. The Project is needed to help relieve the transmission congestion in the area served by the Project. By relieving congestion, the Project is expected to increase access to low-cost, carbon-free, renewable generation; provide economic benefits; strengthen the regional grid; support wind generation facilities in Minnesota, North Dakota, and South Dakota; and advance the State's energy policy. Xcel Energy estimates the Project would provide Company-specific benefits of \$334.83 million in production-cost savings and other quantifiable economic benefits on a present-value basis over the 63-year book life of the Project, as well as significant progress toward carbon-emission reduction policy objectives.

The Project involves installing a second 345 kilovolt (kV) circuit on double-circuit-capable structures installed when the CapX2020 Brookings County – Hampton 345 kV transmission line was originally constructed (Original Brookings Line). The Original Brookings Line is owned by Central Minnesota Municipal Power Agency, Great River Energy (GRE), NSP, Otter Tail Power Company, and Western Minnesota Municipal Power Agency (collectively, CapX2020 Brookings Owners). The Project will also require reconfiguring certain lines near substations, mostly within existing easements. As part of the Project, the Company will also upgrade the Brookings County, Lyon County, Helena, and Hampton substations with new 345 kV breakers. The Project will also require relay setting changes to the Steep Bank Lake and Hawks Nest Lake substations. Finally, the Project will require the construction of eight new poles near Castle Rock to maintain the transmission line's low profile near an airport after the second circuit is installed.

Xcel Energy submits this Certificate of Need Application (Application) to the Commission pursuant to Minn. Stat. § 216B.243 and Minn. R. ch. 7849. To facilitate review, a completeness checklist is included as **Appendix A**, which identifies where in this Application information required by Minnesota Statutes and Rules can be found.

The Company plans to obtain route approval through a minor alteration to the existing approved route permit for the Original Brookings Line under Minn. R. 7850.4800. The Company will submit an application for approval of a minor alteration to the existing route permit.

1.2 Project History and Planning

1.2.1 Project History

In 2005, Xcel Energy and other Minnesota utilities proposed a plan to develop transmission capacity throughout Minnesota that would be needed by 2020.¹ Dubbed “CapX2020,” the plan included a number of transmission projects, including the Original Brookings Line. In 2006, Xcel Energy and GRE (collectively, Original Applicants) filed a Certificate of Need application for the Original Brookings Line, as well as two other transmission projects.² Xcel Energy and GRE filed the application on behalf of themselves and the other CapX2020 Brookings Owners.³ The Original Applicants proposed the Original Brookings Line primarily to enable wind-energy development to continue in the region.⁴

The Original Applicants initially proposed that the Lyon County – Helena portion of the Original Brookings Line include two 345 kV circuits.⁵ But the Original Applicants proposed constructing the Brookings County – Lyon County portion (Western Segment) and the Helena – Hampton portion (Eastern Segment) of the Project with a single 345 kV circuit.⁶ In rebuttal testimony, however, the Original Applicants proposed “Upsized Alternatives” for all three transmission projects.⁷ For the Original Brookings Line, the Upsized Alternative involved constructing the Western and Eastern Segments with a single circuit but with a second set of unused arms, known as “davit arms,” that extend perpendicular to the main pole to hold the

¹ *In the Matter of the 2005 Minnesota Biennial Transmission Filing*, Docket No. E-999/TL-05-1739, 2005 Minnesota Biennial Transmission Projects Report, Issue 2005-CX-1 (Nov. 2, 2005).

² *In the Matter of the Application of Great River Energy and Others for a Certificate of Need for the CapX Brookings, S.D. - Southeast Twin Cities 345-kV Transmission Project*, Docket No. ET-2/CN-06-1115, Application to the Minn. Public Utils. Comm’n for Certificates of Need for Three 345 kV Transmission Line Projects (Aug. 16, 2007). The other two transmission projects were the Twin Cities – La Crosse and Twin Cities – Fargo transmission lines.

³ *Id.* at 1.27.

⁴ *Id.* at 2.7.

⁵ *Id.* at 1.15.

⁶ *Id.* at 2.6-7.

⁷ Docket No. CN-06-1115, Rebuttal Testimony of Walter T. Grivna at 11 (June 16, 2008).

conductors. The second set of davit arms and increased strength of the towers meant the structures were capable of holding two circuits, making them “double-circuit capable.”⁸ The Original Applicants noted the Upsized Alternative would easily accommodate future renewable energy and transmission growth.⁹ The Original Applicants explained the Upsized Alternative would limit the amount of new right-of-way needed if additional transmission capacity was later needed by the line.¹⁰

The Commission approved the Upsized Alternative for the Original Brookings Line. The Commission noted the Upsized Alternative would provide “for decades to come the benefits of increased flexibility and avoided costs associated with building new transmission towers in certain areas.”¹¹ The Commission also explained that, even when transmission constraints do not result in service interruptions and blackouts, “a transmission constraint bars a utility from acquiring electricity from a low-cost but remote resource, requiring the utility to substitute a closer - and higher-cost - resource.”¹² “Because the Upsized Alternatives would reduce the cost of adding new transmission in the future,” the Commission continued, “they would tend to keep the cost of acquiring electricity lower.”¹³ In response to comments that the Original Applicants had not justified the need for the added capacity of a second circuit, the Commission explained that, if the day comes when the additional capacity is needed, the utilities would first need to obtain a Certificate of Need. That day has now come as there is an undeniable need to relieve the transmission congestion in this area.

1.2.2 Project Planning

After obtaining a route permit,¹⁴ the CapX2020 Brookings Owners constructed the Original Brookings Line and energized the final segment in 2015.¹⁵ As predicted, over the course of the next eight years, renewable energy development continued at a rapid pace in the region. As a result, congestion has become an increasingly significant issue in southern Minnesota.

The Company developed the Project in direct response to these increases in congestion. The Midcontinent Independent System Operator, Inc. (MISO) is taking action to increase transmission capacity, including through its Long-Range Transmission Planning (LRTP) initiative. The first group of LRTP projects (Tranche 1) includes projects to help reduce

⁸ *Id.*

⁹ *Id.* at 37-39.

¹⁰ *Id.* at 39.

¹¹ Docket No. CN-06-1115, Order Granting Certificates of Need with Conditions at 29 (May 22, 2009).

¹² *Id.*

¹³ *Id.*

¹⁴ *In the Matter of the Route Permit Application for a 345 kV Transmission Line from Brookings County, South Dakota to Hampton, Minn.*, Docket No. ET-2/TL-08-1474, Order Granting Route Permit (Sept. 14, 2010).

¹⁵ Docket No. ET-2/TL-08-1474, Monthly Status Report and Complaint Report for March 2015 (Apr. 14, 2015).

congestion. These are large-scale projects not expected to be in service until 2028-2030 and are not the only opportunities for addressing issues with the transmission system. The Company looked at its system and considered whether there are any projects that could cost-effectively and quickly be brought online to relieve congestion by providing additional transmission capacity.

With its double-circuit capable structures, the Original Brookings Line quickly emerged as a relatively low-cost, minimal-impact project that could relieve congestion. The Company analyzed the economic benefits of the Project by analyzing “adjusted production cost” (APC). APC refers to the total production costs of the Company’s generation fleet, adjusted to account for purchases and sales made in the wholesale energy market. The APC includes transmission costs to transmit the energy to distribution systems. Accordingly, higher transmission congestion charges lead to higher APC. The Company’s economic analysis compared estimated APC both with and without the Brookings Second-Circuit Project. These costs savings are referred to as APC savings throughout this Application.

The APC comparison with and without the Project estimated that the Project would result in significant APC savings. The present value of the estimated APC savings over the 63-year¹⁶ life of the Project is \$334.83 million for NSP, \$833.86 million for MISO as a whole, \$58.73 million for Otter Tail Power, and \$173.99 million for GRE. If the NSP-only benefits of the Project are used in a cost-benefit analysis, the result is an estimated cost-benefit ratio of 2.53. Using MISO-level benefits, the result is an estimated cost-benefit ratio of 6.31. These anticipated economic benefits are at the center of the Project’s need.

Although the primary benefits of the Project are economic, the Company also studied the Project’s impact on reliability. The results of the study showed the Project would improve reliability.

Based on the economic benefits and the fact the Project would improve reliability under certain contingencies, the Company submitted the Project to MISO for expedited review. In December 2022, the MISO Board of Directors approved the Project for inclusion in Appendix A of the MISO Transmission Expansion Plan (MTEP).

¹⁶ As explained in more detail in Chapter 4, economic analysis in this Application focuses on the 63-year book life of the Project, rather than the 20 years MISO uses for planning purposes (and the Company used in its pre-Application filings). Because this is a local project, the Company concluded book life was the more appropriate lens through which to assess the economic costs and benefits of the Project.

With MISO approval, the next step is to seek Commission approval. The Western Segment can realistically be brought online in 2024 and the Eastern Segment in 2025, provided all permitting, planning, and development milestones are met.

1.3 Project Description

1.3.1 Project Facilities

The Project involves installing separate second 345 kV circuits on double-circuit-capable structures on the Western Segment and Eastern Segment, which were initially constructed as part of the Original Brookings Line. The second circuit will be installed on the Western and Eastern Segments. The Lyon County – Helena segment was originally constructed with the second circuit installed.

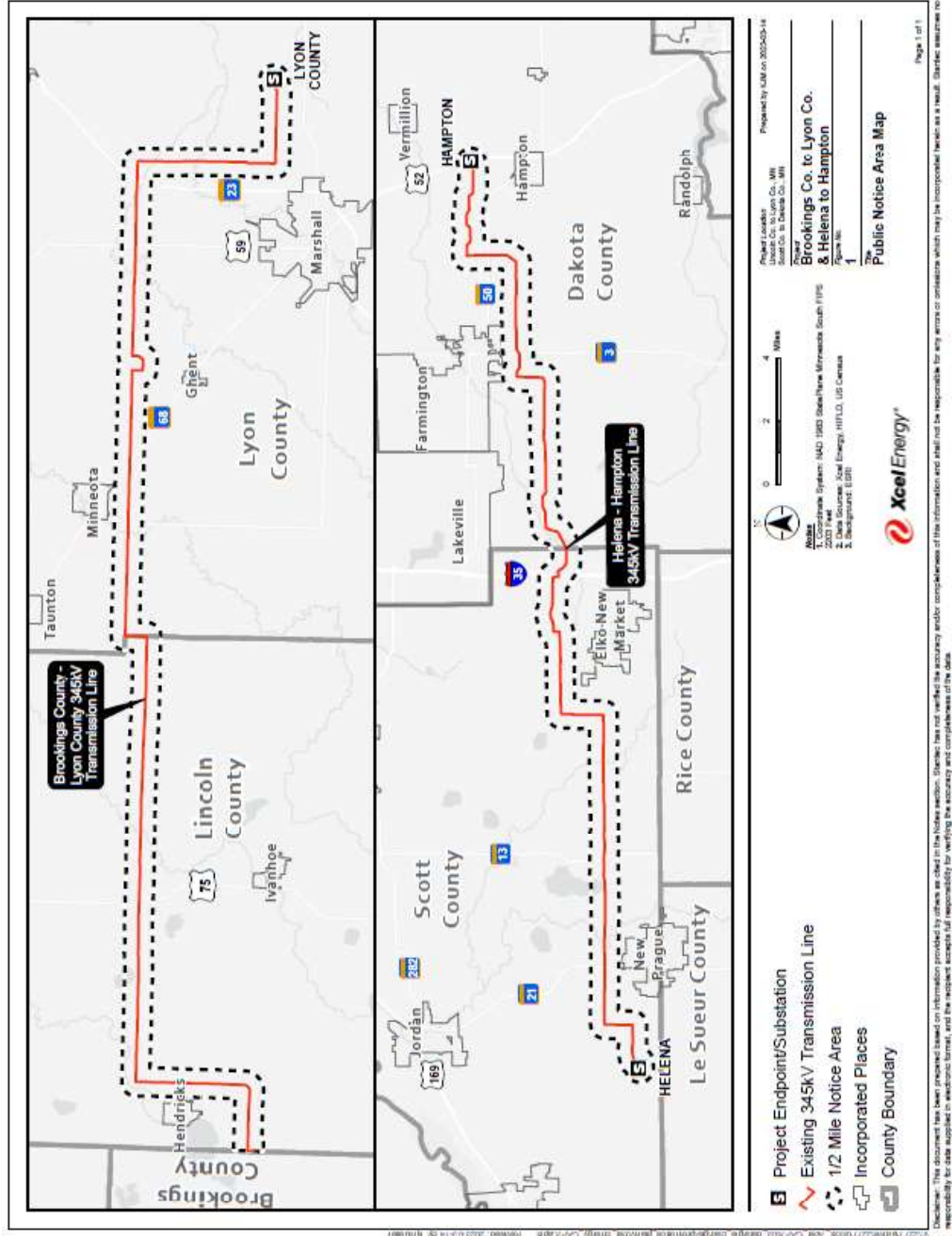
The Western Segment will require reconfiguring an existing line at the Steep Bank Lake Substation to avoid the second circuit crossing the existing transmission line. This reconfiguration will involve adding one structure outside of the Steep Bank Lake Substation but within the existing right-of-way. The Eastern Segment will require rerouting around the Chub Lake Substation. The Company will construct two new dead-end structures on foundations on the south side of the Chub Lake Substation to avoid the second circuit having to go over the top of the Chub Lake Substation. The Company will also install eight new poles in the Eastern Segment to maintain the transmission line's low profile near an airport.

1.3.2 Notice Area and Routing Corridors

The Western and Eastern Segments of the Project will, collectively, be approximately 98.5 miles long. The Western Segment is approximately 59.5 miles, and the Eastern Segment is approximately 39 miles. The Company plans to place the Western Segment in service by September 1, 2024, and the Eastern Segment in service by September 15, 2025.

Figure 1.1 is the map showing the Notice Area for the Project. The Notice Area is being used to notify landowners and other stakeholders about the Project. This Notice Area also represents the Project study area (Project Study Area).

Figure 1.1: Project Study Area



1.4 Project Ownership

Xcel Energy is the sole applicant and currently the sole owner for the Project. Xcel Energy is a Minnesota corporation headquartered in Minneapolis, Minnesota, engaged in the business of generating, transmitting, distributing, and selling electric power and energy and related services in the states of Minnesota, North Dakota, and South Dakota. In Minnesota, Xcel Energy provides electric service to approximately 1.5 million customers. NSP is a wholly owned utility operating company subsidiary of Xcel Energy Inc. and operates its transmission and generation system as a single integrated system with its sister company, Northern States Power Company, a Wisconsin corporation, known together as the NSP Companies. The NSP Companies are vertically integrated transmission-owning members of MISO. Together, the NSP Companies have over 46,000 conductor miles of transmission lines and approximately 550 transmission and distribution substations.

The applicable terms of the Brookings Project Owners' Project Participation Agreement (Agreement) specifies that both the Western Segment and the Eastern Segment of the Brookings Second-Circuit Project are separate "Upgrades," under the Agreement. As Upgrades, Xcel Energy has the right to pursue the Project without consent from other CapX2020 Brookings Owners on the Original Brookings Line's Management Committee. However, the other CapX2020 Brookings Owners have the right to participate by investment in each of the Western Segment and the Eastern Segment, respectively, of the Project. Under the Agreement, Xcel Energy must offer, and formally notify the other CapX2020 Brookings Owners of, the option to participate by investment in the Western Segment and the Eastern Segment Upgrades, respectively, of the Project. Xcel Energy plans to send these separate formal notices for the Western Segment in the second half of 2023 and the formal notice for the Eastern Segment in the second half of 2024. Additionally, before energizing the Eastern and Western Segments of the Project, the Owners' Management Committee under the Agreement will determine whether one or both of the Western and Eastern Segments will be incorporated as part of the "Facilities" under the Agreement. If the Management Committee determines that one or both of the Segments will become part of the "Facilities" under the Agreement, the applicable segment will be subject to and governed by the Agreement and certain associated agreements. If any of the other CapX2020 Brookings Owners elect to participate by investment in the Western Segment or the Eastern Segment, the change of ownership will not occur until immediately before the respective segment is energized.

1.5 Need for the Project

Congestion on the transmission system affects the cost of energy, the deliverability of energy, and the efficiency of the market. Transmission lines move large volumes of energy from where

it is generated to where it is needed, like the load center of the Twin Cities. There are limits to the amount of energy that can be transmitted on a particular transmission line at a given point in time. These limits take different forms such as thermal limits, voltage-based transfer limits, and stability-based transfer limits.

With zero congestion, the lowest-priced generators, often wind generators, are first used to meet the energy needs or demands of customers. When there is congestion on the transmission system, however, the lowest-priced energy cannot flow freely across the transmission system. As a result, more expensive generators are ordered to operate or increase output (dispatched) to replace the wind energy that could not be delivered to the end user. Predictably, this “re-dispatch,” to avoid overloading transmission facility ratings, increases the price of electricity for both wholesale and retail customers.

By relieving congestion, the Project will allow for greater use of low-cost generation to meet customer demands. The Company modeled the impact of the Project to forecast the amount by which it would reduce overall generation production costs as a result of the shift in the use of generation resources. The present value of those forecasted savings was then compared to the present value of estimated Project costs to determine cost benefit ratios over the 63-year life of the Project. The estimated APC savings resulting from the Project (i.e., the difference between estimated production costs with and without the Project) is \$334.83 million for NSP, \$833.86 million for MISO as a whole, \$58.73 million for Otter Tail Power, and \$173.99 million for GRE. If the NSP-only benefits of the Project are used in a cost-benefit analysis, the result is an estimated cost-benefit ratio of 2.53, assuming NSP is assigned the full Project cost, and 3.29 assuming shared ownership and NSP is assigned \$78.6 million of the project cost. Using MISO-level benefits, the result is an estimated cost-benefit ratio of 6.31. The economic benefits are the key need the Project addresses.

The Project will also improve the deliverability of wind generation as it will reduce curtailments, allowing a greater amount of this low-cost renewable generation to meet customer demands. Reducing curtailments improves energy delivery, reduces system generation costs, and provides environmental benefits in the form of lower carbon emissions.

Finally, the Project will improve the robustness of the regional backbone transmission system by improving the efficient delivery of energy and enabling the system to better withstand contingencies under multiple future scenarios. A robust transmission system is better positioned to deal with unplanned system outages. A robust regional transmission system is also key to enabling access to a diverse mix of generation resources, which in turn allows customers to access the least expensive power available at any given time.

1.6 Project Costs and Schedule

For purposes of this Application, the Company assumed the Project would be implemented through the installation of a second circuit along the Original Brookings Line. The Company's cost estimate was developed to allow the Commission to evaluate the benefit-to-cost ratio of this design option. Based on this design option, the Company estimates the total cost for the Project, including Allowance for Funds Used During Construction (AFUDC), will be \$102.0 million. Additional details regarding the Project costs are provided in **Chapter 2**.

Construction of the Project is anticipated to commence in April 2024. The Western and Eastern Segments are expected to be in service by September 1, 2024, and September 15, 2025, respectively.

1.7 Potential Environmental Impacts

Chapter 7 of this Application provides a discussion of the natural environment and land use features in the area reviewed for the Project Study Area, which is shown in **Figure 1.1** above. The Project Study Area consists primarily of agricultural land, though the density of residences increases closer to the Twin Cities metropolitan area. The Company does not anticipate any homes or businesses will be displaced by the Project. The Company has identified no potential environmental impacts that would preclude or are likely to materially delay construction of the Project.

1.8 Public Input and Involvement

The Company has a long history of working with landowners and in partnership with local communities. Xcel Energy is in the process of implementing its Notice Plan. The Company convened open houses over the course of the past month and plans further public outreach.

The public can review this Application and submit comments on the Project to the Commission. A copy of the Application is available at the Commission's website: <https://mn.gov/puc/>. Click on the eDockets link near the top right-hand side, and then enter the docket number "23-200" in the "Docket Lookup" section. A copy of the Application is also available on the Project website: www.Brookings2ndCircuit.com.

To subscribe to the Project's Certificate of Need docket and to receive email notifications as information is filed in that docket visit: <https://www.edockets.state.mn.us/EFiling> and select "Subscribe to Dockets," enter your email address, and select "Docket Number" from the Type of Subscriptions dropdown box, then select "23" from the first Docket number drop down box and enter "200" in the second box before clicking on the "Add to List" button. You must then click the "Save" button at the bottom of the page to submit your subscription request. You should receive an email from Efiling.Admin@state.mn.us to the e-mail address you

provided, you must click the link in this email to confirm your subscription to the Project's Certificate of Need docket.

If you would like to have your name added to the Certificate of Need mailing list, send an email to docketing.puc@state.mn.us or call (651) 201-2204 (800-657-3782). If you send an email or leave a phone message, please include: (1) how you would like to receive mail (regular mail or email) and (2) the docket number (CN-23-200), your name, and your complete mailing address or email address.

If you have questions about the state regulatory process, you may contact the Minnesota state regulatory staff listed below:

Minnesota Public Utilities Commission
Michael Kaluzniak
121 7th Place East, Suite 350
St. Paul, Minnesota 55101
651.201.2257
800.657.3782
Email: mike.kaluzniak@state.mn.us
Website: www.mn.gov/puc/

Minnesota Department of Commerce
Suzanne Steinhauer
85 7th Place East, Suite 280
St. Paul, Minnesota 55101
651.539.1843
800.657.3602
Email: suzanne.steinhauer@state.mn.us
Website: <https://apps.commerce.state.mn.us/eera/web/page/home>

1.9 Project Meets Certificate of Need Criteria

Minnesota Statutes and Rules specify the criteria the Commission should apply in determining whether to grant a Certificate of Need. Subdivision 3 of Minn. Stat. § 216B.243 identifies the criteria the Commission must evaluate when assessing need. Specifically, Minn. Stat. § 216B.243, subd. 9, provides that in assessing whether to grant a Certificate of Need the Commission must evaluate:

[t]he benefits of enhanced regional reliability, access, or deliverability to the extent these factors improve the robustness of the transmission system or lower costs for electric consumers in Minnesota.

Xcel Energy identified the Project to relieve congestion on the transmission system in southern Minnesota and to lower wholesale energy costs by improving the access and deliverability of low-cost renewable generation. Construction of the Brookings Second-Circuit Project will also reduce curtailments of renewable generation and enhance the high-voltage transmission system by improving the efficient delivery of energy. This Project will enable the transmission system to be more resilient in the face of unforeseen contingencies.

Minnesota Rule 7849.0120 further provides that the Commission shall grant a Certificate of Need if the Commission determines that:

- (A) The probable result of denial would be an adverse effect upon the future adequacy, reliability, or efficiency of energy supply to the applicant, to the applicant's customers, or to the people of Minnesota and neighboring states;
- (B) A more reasonable and prudent alternative to the proposed facility has not been demonstrated by a preponderance of the evidence on the record;
- (C) By a preponderance of the evidence on the record, the proposed facility, or a suitable modification of the facility, will provide benefits to society in a manner compatible with protecting the natural and socioeconomic environments, including human health; and
- (D) The record does not demonstrate that the design, construction, or operation of the proposed facility, or a suitable modification of the facility, will fail to comply with relevant policies, rules, and regulations of other state and federal agencies and local governments.

The Company's proposal satisfies these four criteria as discussed below.

- (A) *Probable result of denial of the Project would have an adverse effect upon the future adequacy, reliability, or efficiency of energy supply to the applicant's customers*

Denial of a Certificate of Need for this Project would result in adverse effects upon the present and future efficiency of energy supply to electric customers and other end users. The Project is designed to improve the efficiency of the regional transmission system under a range of future scenarios by relieving one of the most congested areas in the MISO electric transmission system. Relieving this congestion will improve deliverability and allow customers greater access to low-cost renewable energy and result in lower wholesale energy costs.

- (B) *A more reasonable and prudent alternative to the proposed facility has not been demonstrated by a preponderance of the evidence*

A more reasonable and prudent alternative to the Project has not been demonstrated. Permitting for the Original Brookings Line contemplated that installing a second circuit would be necessary. The vast majority of the Project will use existing right-of-way. Most of the towers and davit arms needed to install the second circuit are already in place. In contrast, a new

transmission line elsewhere to provide the same functionality as the Project would require significant ground-disturbing activity at significantly increased cost because it would require the construction of entirely new transmission towers and potential clearing of a new right-of-way.

- (C) *The proposed transmission lines will provide benefits to society in a manner compatible with protecting the natural and socioeconomic environments*

The proposed Project will reduce congestion and allow the transmission system to operate more efficiently and more cost-effectively without the need for significant new ground-disturbing activities and with limited environmental impact.

- (D) *The proposed transmission line will comply with relevant policies, rules, and regulations of other state and federal agencies and local governments*

Xcel Energy will secure all necessary permits and authorizations before commencing construction on the portions of the Project requiring such approvals.

1.10 Socioeconomic Considerations

Minnesota Rule 7849.0240, subpart 2, requires the applicant for a Certificate of Need to address the socially beneficial uses of the facility output, promotional activities that may have given rise to the demand, and effects of the facility in inducing future development. Following is a discussion of each consideration:

1.10.1 Socially Beneficial Uses of Facility Output

Xcel Energy designed the Project to reduce wholesale energy costs by addressing chronic transmission congestion affecting southern Minnesota. The Project will reduce the current transmission congestion in this area, increase market access to lower cost renewable generation, provide economic benefits in terms of reduced wholesale energy costs, increase the robustness of the regional grid, and support future renewable generation facilities in Minnesota, North Dakota, and South Dakota.

1.10.2 Promotional Activities

Xcel Energy has not conducted any promotional activities or events that have triggered the need for the Project. The Project is needed due to the large amount of renewable generation in Minnesota, North Dakota, and South Dakota coupled with transmission constraints, causing congestion on this part of the transmission system. This congestion is projected to worsen over the next 10 years as more wind facilities come online in this area. Further, the expected coal-generation retirements included in the Company's recently approved Integrated

Resource Plan (IRP),¹⁷ including those north of the Minneapolis/St. Paul area, and other changes required to meet Minnesota's 100% by 2040 law, will further increase the need for power to flow from southwestern Minnesota, North Dakota, and South Dakota to the Twin Cities on the currently congested Original Brookings Line.

1.10.3 Effect in Inducing Future Development

The Project is not expected to induce future development. The Project will reduce significant existing congestion, which is expected to worsen in the absence of the Project from existing and planned generation projects.

1.11 Application Organization

The remaining six chapters of the Application are organized as follows:

- Chapter 2 – Project Description
- Chapter 3 – Electrical System and Changing Generation Portfolio Overview
- Chapter 4 – Need Analysis
- Chapter 5 – Transmission Line Operating Characteristics
- Chapter 6 – Transmission Line Construction and Maintenance
- Chapter 7 – Environmental Information

1.12 Company's Request and Contact Information

For the reasons discussed above and in the remainder of this Application and Appendices, Xcel Energy respectfully requests the Commission find this Application complete and, upon completion of its review, grant a Certificate of Need for the Project. All correspondence relating to this Application should be directed to:

¹⁷ The Commission granted its approval of the IRP in April 2022. IN THE MATTER OF THE 2020-2034 UPPER MIDWEST INTEGRATED RESOURCE PLAN OF NORTHERN STATES POWER COMPANY D/B/A XCEL ENERGY, MPUC Docket No. E-002/RP-19-368, Order Approving Plan with Modifications and Establishing Requirements for Future Filings (Apr. 15, 2022).

Chapter 1

Executive Summary

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MEMORANDUM

To: IMU Board of Trustees of the Electric, Water and Communications Utilities

From:

Date: February 12, 2024

Subject: Fiscal year 2025 Budget Discussion

Recommendation:

Attachments: 1. FY 2024-25 Budget Summary for 021224 BOT_for Packet 021224

IMU Board of Trustees Fund Summary

	July 1, 2023 Beginning Balance	FY '24 Re-Estimated Revenue	FY '24 Re-Estimated Expenditures	FY '24 Transfers Out	FY '24 Transfers In	June 30, 2024 Ending Balance	FY '25 Budgeted Revenue	FY '25 Budgeted Expenditures	FY '25 Transfers Out	FY '25 Transfers In	June 30, 2025 Ending Balance
Total Electric Utility	\$ 16,869,357	\$ 19,049,172	\$ 19,418,093	\$ (3,653,672)	\$ 3,653,672	\$ 16,500,437	\$ 19,567,006	\$ 18,900,256	\$ (3,231,202)	\$ 3,231,202	\$ 17,167,187
Total Water Utility	\$ 3,276,816	\$ 3,732,600	\$ 3,439,273	\$ (1,190,000)	\$ 1,190,000	\$ 3,570,143	\$ 4,063,600	\$ 4,313,713	\$ (1,950,600)	\$ 1,950,600	\$ 3,320,030
Communications Utility	\$ 1,605,291	\$ 5,485,050	\$ 6,727,664	\$ (1,437,246)	\$ 1,437,246	\$ 362,678	\$ 5,630,050	\$ 5,674,821	\$ (2,081,528)	\$ 2,081,528	\$ 317,906
IMU Administration	\$ 536,001	\$ 1,297,918	\$ 1,297,918	\$ -	\$ -	\$ 536,001	\$ 1,431,700	\$ 1,431,700	\$ -	\$ -	\$ 536,001
Total IMU	\$ 22,287,465	\$ 29,564,740	\$ 30,882,947	\$ (6,280,918)	\$ 6,280,918	\$ 20,969,258	\$ 30,692,356	\$ 30,320,490	\$ (7,263,330)	\$ 7,263,330	\$ 21,341,123

Assumptions:

IMU Admin fund balance includes \$10k for insurance reserve to be utilized if necessary.

Electric Utility
Fund Summary

	July 1, 2023 Beginning Balance	FY '24 Re-Estimated Revenue	FY '24 Re-Estimated Expenditures	FY '24 Re-Estimated Transfers	June 30, 2024 Ending Balance	FY '25 Budgeted Revenue	FY '25 Budgeted Expenditures	FY '25 Budgeted Transfers	June 30, 2025 Ending Balance
Electric Utility:									
630 Electric O&M	\$ 9,007,805	\$ 17,811,672	\$ 15,378,121	\$ (3,653,672)	\$ 7,787,685	\$ 18,342,906	\$ 16,324,354	\$ (3,231,202)	\$ 6,575,035
730 Electric Capital	\$ 6,492,687	\$ 1,237,500	\$ 2,886,300	\$ 2,500,000	\$ 7,343,887	\$ 1,224,100	\$ 1,844,700	\$ 2,500,000	\$ 9,223,287
793 Electric Rev. Bonds	\$ 1,368,865	\$ -	\$ 1,153,672	\$ 1,153,672	\$ 1,368,865	\$ -	\$ 731,202	\$ 731,202	\$ 1,368,865
Total Electric Utility	\$ 16,869,357	\$ 19,049,172	\$ 19,418,093	\$ -	\$ 16,500,437	\$ 19,567,006	\$ 18,900,256	\$ -	\$ 17,167,187

- Assumptions:**
- FY25 O&M revenue assumes no increase to the electric service fees.
 - FY25 assumes no increase in employer paid health insurance premiums.
 - FY25 expenses assume a 5% cost of living adjustment.
 - FY25 assumes a 40% increase in property and liability insurance premiums.
 - FY24 transfers are to debt service reserve fund and to fund capital improvement projects.
 - FY25 transfers are to debt service reserve fund and to fund capital improvement projects.

Water Utility Fund Summary

	July 1, 2023 Beginning Balance	FY '24 Re-Estimated Revenue	FY '24 Re-Estimated Expenditures	FY '24 Re-Estimated Transfers	June 30, 2024 Ending Balance	FY '25 Budgeted Revenue	FY '25 Budgeted Expenditures	FY '25 Budgeted Transfers	June 30, 2025 Ending Balance
Water Utility:									
600 Water O&M	\$ 366,906	\$ 3,732,600	\$ 2,234,273	\$ (1,190,000)	\$ 675,233	\$ 4,063,600	\$ 2,363,113	\$ (1,950,600)	\$ 425,120
700 Water Capital	\$ 2,834,910	\$ -	\$ 1,205,000	\$ 1,190,000	\$ 2,819,910	\$ -	\$ 1,950,600	\$ 1,950,600	\$ 2,819,910
780 Water Impr. Reserves	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000
Total Water Utility	\$ 3,276,816	\$ 3,732,600	\$ 3,439,273	\$ -	\$ 3,570,143	\$ 4,063,600	\$ 4,313,713	\$ -	\$ 3,320,030

- Assumptions:**
- FY25 O&M revenue assumes a \$0.75 increase to the base rate and a \$0.75 increase for every 1,000 gallons above the base rate.
 - FY25 assumes no increase in employer paid health insurance premiums.
 - FY25 expenses assume a 5% cost of living adjustment.
 - FY25 assumes a 40% increase in property and liability insurance premiums.
 - FY24 transfers are to fund capital improvement projects.
 - FY25 transfers are to fund capital improvement projects.

Communications Utility Fund Summary

	July 1, 2023 Beginning Balance	FY '24 Re-Estimated Revenue	FY '24 Re-Estimated Expenditures	FY '24 Re-Estimated Transfers	June 30, 2024 Ending Balance	FY '25 Budgeted Revenue	FY '25 Budgeted Expenditures	FY '25 Budgeted Transfers	June 30, 2025 Ending Balance
Comm Utility:									
640 Comm O&M	\$ (325,566)	\$ 5,485,050	\$ 3,574,751	\$ (1,437,246)	\$ 147,487	\$ 5,630,050	\$ 3,593,293	\$ (2,081,528)	\$ 102,715
740 Comm Capital	\$ 1,930,857	\$ -	\$ 2,026,500	\$ 310,833	\$ 215,190	\$ -	\$ 955,000	\$ 955,000	\$ 215,190
795 Comm Rev. Bonds	\$ -	\$ -	\$ 1,126,413	\$ 1,126,413	\$ 1	\$ -	\$ 1,126,528	\$ 1,126,528	\$ 1
Total Comm Utility	\$ 1,605,291	\$ 5,485,050	\$ 6,727,664	\$ -	\$ 362,678	\$ 5,630,050	\$ 5,674,821	\$ -	\$ 317,906

- Assumptions:

FY25 O&M revenue reflects a \$5/month rate adjustment for video service to offset expected increased video expenses.

FY25 assumes no increase in employer paid health insurance premiums.

FY25 expenses assume a 5% cost of living adjustment.

FY25 assumes a 40% increase in property and liability insurance premiums.

FY24 transfers are to debt service reserve fund and to fund capital improvement projects.

FY25 transfers are to debt service reserve fund and to fund capital improvement projects.