



ELDRIDGE ELECTRIC AND WATER UTILITY BOARD

September 5, 2023
5:00 pm
City Hall, 305 N. 3rd Street

1. Call to order
2. Public Comment
3. Approval of Agenda
4. Approval of Minutes –August 22, 2023

5. Financial
 - A. Consideration to Approve Bills Payable

6. Electric Department – Mike Anderson
 - A. Outage
 - B. Cost of Power Analysis
 - C. PCA Update
 - D. Department update

7. Water Department – Brock Kroeger
 - A. Water Test Results
 - B. Water Main Break
 - C. Water Tower Reports
 - D. Department Update

8. Administrative –
 - A. Department Update

9. Adjournment

NEXT REGULAR MEETING Tuesday, September 19, 2023 at 5:00pm

The regular meeting of the Eldridge Electric and Water Utility Board was called to order at 5:00 P.M. on August 22, 2023, at Eldridge City Hall.

Board members present were Brock Kroeger, Mike Anderson, Barb O'Brien, and Jim Skadal. Paula Steward was absent. Also, present Jody Coffman. No visitors.

Public Comment- None

Motion by O'Brien, second by Skadal to approve the agenda All ayes.

Motion by Anderson second by Skadal to approve the minutes from August 8, 2023. All ayes.

FINANCIAL – Motion by Kroeger to approve bills payable in the amount of \$75,637.15, second by Anderson. All ayes.

ELECTRIC – There was an outage on 8/18/23 at 312 W. Price St. from 8:20am to 8:50 am. The cause was animal contact and affected 5 customers.

The annual Cost of Power Analysis was discussed and will be discussed further at the next meeting.

There was a PCA update.

Department update: The lineman position was posted last Friday and will remain posted until filled. We have received three transformers over the past two weeks, but we still have over twenty on backorder. The crew continues to work at Grunwald's 2nd Addition.

WATER- The Water Tower Report from KLM was given to the Board; they would like to discuss it further at the next meeting.

Department update: The crew continues to flush east of Hwy 61 to maintain good disinfectant levels. They also installed a sampling station at Ivy Acres last week and started one at Grunwald's 2nd today.

ADMINISTRATION-

Department update: No update

Motion by Skadal to adjourn the meeting at 5:12 P.M., second by O'Brien. All ayes.

Jody Coffman
Billing Clerk

Utility Bills Payable for September 5, 2023

TOTAL CHECKS	50,951.35
MidAmerican Wire Transfer- WS4 -	63,000.00
Louisa energy charge -	24,000.00
CMPMPA	
Credit Cards	0.00
PAYROLL September 2, 2023	\$24,961.11
TOTAL	162,912.46

VENDOR SET: 01 City of Eldridge
 BANK: 00 FIRST CENTRAL UTILITY
 DATE RANGE: 8/18/2023 THRU 8/31/2023

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
002648	AUXIANT							
I-202308173823B	CLAIM FUNDING	D	8/18/2023			000627		
821 5-630-6184	UTILITY INSURANCE REIMBURSEMEN		CLAIM FUNDING	15.10				15.10
002648	AUXIANT							
I-202308293840	CLAIM FUNDING	D	8/25/2023			000637		
821 5-630-6184	UTILITY INSURANCE REIMBURSEMEN		CLAIM FUNDING	97.28				97.28
1	BOONE, BRIAN							
I-000202308223834	US REFUND	R	8/22/2023			225460		
630 2033	DEPOSIT REFUNDS PAYABLE		01-6148-04	84.28				84.28
1	HART, THOMAS							
I-000202308293837	US REFUND	R	8/29/2023			225461		
630 2033	DEPOSIT REFUNDS PAYABLE		04-0630-12	84.31				84.31
000459	U.S. POST OFFICE							
I-202308313844	POSTAGE	R	8/31/2023			225462		
630 5-820-6508	POSTAGE		POSTAGE	953.84				953.84
002031	ACCESS SYSTEMS LEASING							
I-34701567U	CITY SHOP COPIER LEASE	R	8/31/2023			225463		
630 5-820-6310	B & G MATERIAL		CITY SHOP COPIER LEA	88.73				
I-34746745U	CITY HALL COPIER LEASE	R	8/31/2023			225463		
630 5-820-6310	B & G MATERIAL		CITY HALL COPIER LEA	304.11				392.84
002588	ALWAYS CLEAN LLC							
I-6307FFU	CLEANING SERVICES	R	8/31/2023			225464		
630 5-820-6310	B & G MATERIAL		CLEANING SERVICES	236.25				236.25
001209	BORTEC INC							
I-4674	GRUNWALD 2ND	R	8/31/2023			225465		
630 5-820-6450	OTHER CONTRACTED SERVICES		GRUNWALD 2ND	1,110.00				1,110.00
000331	CASS COUNTY TREASURER							
I-202308293841	PROPERTY TAXES	R	8/31/2023			225466		
630 5-820-64181	PROPERTY TAXES		PROPERTY TAXES	2,769.00				2,769.00
000131	CINTAS CORPORATION							
I-4164232921U	MATS	R	8/31/2023			225467		
630 5-820-6310	B & G MATERIAL		MATS	42.68				42.68
002442	COBRA HELP							
I-292843U	ACTIVE INSURED EMPLOYEES	R	8/31/2023			225468		
821 5-630-6184	UTILITY INSURANCE REIMBURSEMEN		ACTIVE INSURED EMPLO	17.50				17.50

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VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
000333	DALLAS COUNTY TREASURER							
I-202308313845	PROPERTY TAXES	R	8/31/2023			225469		
630 5-820-64181	PROPERTY TAXES	PROPERTY TAXES		1,835.00				1,835.00
001212	ENGELBRECHT BROTHERS							
I-12152	DRAIN TILE REPAIR IVY ACRES	R	8/31/2023			225470		
630 5-820-6507	OPERATING SUPPLIES & MATERIALSDRAIN TILE REPAIR IV			51.35				51.35
000125	FLETCHER-REINHARDT CO.							
I-S1306941.001	U-GUARD	R	8/31/2023			225471		
630 5-820-6560	INTO INVENTORY	U-GUARD		299.60				
I-S1306941.002	GLOVES	R	8/31/2023			225471		
630 5-820-6504	SHOP EQUIPMENT	GLOVES		577.80				
I-S1306941.004	PAINT	R	8/31/2023			225471		
630 5-820-6507	OPERATING SUPPLIES & MATERIALSPAINT			379.85				1,257.25
003226	HAWKINS INC.							
I-6564894	CHLORINE	R	8/31/2023			225472		
600 5-810-6501	TREATMENT MATERIALS	CHLORINE		1,603.57				1,603.57
002882	I & S GROUP, INC.							
I-95860	EVAUL & TRIANING, CAP IMPROVE	R	8/31/2023			225473		
600 5-810-6407	GENERAL ENGINEERING	EVAUL & TRIANING, CA		3,360.00				3,360.00
001493	JOHNSON CONTROLS SECURITY SOLU							
I-39170441	QUARTERLY BILING	R	8/31/2023			225474		
600 5-810-6213	DUES AND LICENSES	QUARTERLY BILING		451.32				451.32
000269	LOUISA COUNTY TREASURER							
I-202308293842	PROPERTY TAXES	R	8/31/2023			225475		
630 5-820-64181	PROPERTY TAXES	PROPERTY TAXES		3,534.00				3,534.00
000316	MADISON COUNTY TREASURER							
I-202308313846	PROPERTY TAXES	R	8/31/2023			225476		
630 5-820-64181	PROPERTY TAXES	PROPERTY TAXES		2,165.00				2,165.00
000777	MENARDS							
I-16409	DEHUMIDIFIER	R	8/31/2023			225477		
600 5-810-6310	B & G MATERIAL	DEHUMIDIFIER		209.99				209.99
002608	MERSCHMAN HARDWARE							
I-50476	GARBAGE BAGS	R	8/31/2023			225478		
600 5-810-6310	B & G MATERIAL	GARBAGE BAGS		14.99				
I-50581	BATTERY	R	8/31/2023			225478		
630 5-820-6504	SHOP EQUIPMENT	BATTERY		10.99				
I-50655	BATTERY	R	8/31/2023			225478		
630 5-820-6504	SHOP EQUIPMENT	BATTERY		5.59				
I-50716	MARKINGPAINT	R	8/31/2023			225478		

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002608	MERSCHMAN HARDWARE	CONT						
I-50716	MARKINGPAINT	R	8/31/2023			225478		
630 5-820-6507	OPERATING SUPPLIES & MATERIALS		MARKINGPAINT	35.37				
I-50757	CLOROX, HOSE BRASS	R	8/31/2023			225478		
600 5-810-6310	B & G MATERIAL		CLOROX, HOSE BRASS	30.17				
I-50799	BATTERIES FOR LOCATORS	R	8/31/2023			225478		
630 5-820-6310	B & G MATERIAL		BATTERIES FOR LOCATO	68.96				
I-50809	HOSE ADAPTER, HEX BUSHING	R	8/31/2023			225478		
600 5-810-6310	B & G MATERIAL		HOSE ADAPTER, HEX BU	14.98				
I-50811	MISC HARDWARE	R	8/31/2023			225478		
600 5-810-6310	B & G MATERIAL		MISC HARDWARE	5.99				187.04
001512	MIDAMERICAN ENERGY COMPANY							
I-542810137	UTILITY UTILITIES	R	8/31/2023			225479		
600 5-810-6371	UTILITIES		401 S 16TH AVE GENER	13.52				
600 5-810-6371	UTILITIES		853 N 1ST GENERATOR	12.27				
600 5-810-6371	UTILITIES		851N 1ST ST WELL 5	86.91				
630 5-820-6371	UTILITIES		120 E IOWA ST	12.27				
600 5-810-6371	UTILITIES		503 W DONAHUE ST	102.66				
600 5-810-6371	UTILITIES		212 N 3RD ST	12.69				240.32
002730	NERC							
I-30089	NERC ASSESSMENT	R	8/31/2023			225480		
630 5-820-6416	DUES AND ASSESSMENTS		NERC ASSESSMENT	643.22				643.22
000337	POTTAWATTAMIE COUNTY TREASURER							
I-202308313848	PROPERTY TAXES	R	8/31/2023			225481		
630 5-820-64181	PROPERTY TAXES		PROPERTY TAXES	15,785.00				15,785.00
002883	PROFESSIONAL RESUCE INNOVATION							
I-230187U	TRENCH RESCUE	R	8/31/2023			225482		
630 5-820-6450	OTHER CONTRACTED SERVICES		TRENCH RESCUE	600.00				
600 5-810-6520	OTHER CONTRACTED SERVICES		TRENCH RESCUE	600.00				1,200.00
000356	QC METALLURGICAL LAB							
I-B3864	BACTERIA ECOLI	R	8/31/2023			225483		
600 5-810-6451	WATER TESTING		BACTERIA ECOLI	25.00				25.00
000254	QUAD CITIES TAS							
I-230810063	ANSWERING SERVICE	R	8/31/2023			225484		
630 5-820-6450	OTHER CONTRACTED SERVICES		ANSWERING SERVICE	32.41				
600 5-810-6520	OTHER CONTRACTED SERVICES		ANSWERING SERVICE	32.42				64.83

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002272	QUAD CITIES WINWATER CO							
I-033755 01	HYDRANT MARKER	R	8/31/2023			225485		
600 5-810-63711	OPERATING SUPPLIES & MATERIAL			380.00				
I-033767 01	CURB STOPS	R	8/31/2023			225485		
600 5-810-63711	OPERATING SUPPLIES & MATERIAL			309.88				
I-033801 01	CURB STOP	R	8/31/2023			225485		
600 5-810-63711	OPERATING SUPPLIES & MATERIAL			374.95				1,064.83
000935	RESCO							
I-3000209	TRANSFORMER	R	8/31/2023			225486		
630 5-820-67811	CAPITAL PROJECTS			4,050.00				4,050.00
000418	SKARSHAUG TESTING LAB							
I-270974	GLOVE TESTING	R	8/31/2023			225487		
630 5-820-6457	SAFETY TESTING			75.03				75.03
001505	STUART C IRBY CO							
I-S012833606.009	TRANSFORMERS	R	8/31/2023			225488		
630 5-820-67811	CAPITAL PROJECTS			7,457.90				7,457.90

* * T O T A L S * *	NO	INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
REGULAR CHECKS:	29	50,951.35	0.00	50,951.35
HAND CHECKS:	0	0.00	0.00	0.00
DRAFTS:	2	112.38	0.00	112.38
EFT:	0	0.00	0.00	0.00
NON CHECKS:	0	0.00	0.00	0.00
VOID CHECKS:	0 VOID DEBITS	0.00		
	VOID CREDITS	0.00	0.00	0.00

TOTAL ERRORS: 0

** G/L ACCOUNT TOTALS **

G/L ACCOUNT	NAME	AMOUNT
600 5-810-6213	DUES AND LICENSES	451.32
600 5-810-6310	B & G MATERIAL	276.12
600 5-810-6371	UTILITIES	228.05
600 5-810-63711	OPERATING SUPPLIES & MATERIAL	1,064.83
600 5-810-6407	GENERAL ENGINEERING	3,360.00
600 5-810-6451	WATER TESTING	25.00
600 5-810-6501	TREATMENT MATERIALS	1,603.57
600 5-810-6520	OTHER CONTRACTED SERVICES	632.42
	*** FUND TOTAL ***	7,641.31

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** G/L ACCOUNT TOTALS **

G/L ACCOUNT	NAME	AMOUNT
630 2033	DEPOSIT REFUNDS PAYABLE	168.59
630 5-820-6310	B & G MATERIAL	740.73
630 5-820-6371	UTILITIES	12.27
630 5-820-6416	DUES AND ASSESSMENTS	643.22
630 5-820-64181	PROPERTY TAXES	26,088.00
630 5-820-6450	OTHER CONTRACTED SERVICES	1,742.41
630 5-820-6457	SAFETY TESTING	75.03
630 5-820-6504	SHOP EQUIPMENT	594.38
630 5-820-6507	OPERATING SUPPLIES & MATERIALS	466.57
630 5-820-6508	POSTAGE	953.84
630 5-820-6560	INTO INVENTORY	299.60
630 5-820-67811	CAPITAL PROJECTS	11,507.90
	*** FUND TOTAL ***	43,292.54
821 5-630-6184	UTILITY INSURANCE REIMBURSEMEN	129.88
	*** FUND TOTAL ***	129.88

VENDOR SET: 01	BANK: 00	TOTALS:	NO	INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
			31	51,063.73	0.00	51,063.73
BANK: 00		TOTALS:	31	51,063.73	0.00	51,063.73
REPORT TOTALS:			31	51,063.73	0.00	51,063.73

RETAIL

	JULY	AUGUST	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	YTD	21-22	DIFFERENCE
CMPAS EXPENSE															
ENERGY SUPPLY	325,233	347,683	267,656	136,013	107,426	172,721	96,727	61,853	67,054	58,065	74,472	129,073	1,845,975	1,904,123	
TRANSMISSION	48,454	41,931	38,379	44,344	8,872	30,582	36,225	23,690	19,288	17,850	20,536	44,929	375,078	416,334	
CAPACITY	23,230	23,230	22,480	23,230	22,480	23,230	23,270	21,011	23,244	19,216	23,244	950	248,815	29,769	
TOTAL	396,916	412,843	328,515	203,586	138,778	226,533	156,222	106,553	109,587	95,130	118,251	174,952	2,467,868	2,350,226	5.01%
kWh	4,096,665	3,809,991	3,345,481	2,812,748	2,968,948	3,468,532	3,389,696	2,984,235	3,129,745	3,144,180	2,954,628	3,823,336	39,928,185	41,386,711	-3.52%
RATE	0.0969	0.1084	0.0982	0.0724	0.0467	0.0653	0.0461	0.0357	0.0350	0.0303	0.0400	0.0458	0.06181	0.05679	8.84%
UTILITY SALES															
SALES	324,034	334,668	346,560	312,022	213,757	216,265	221,348	272,204	237,769	218,735	219,975	219,296	3,136,633	3,267,381	-4.00%
PCA	195,679	204,355	214,430	138,718	100,831	102,997	44,045	60,050	48,785	22,976	24,748	24,266	1,181,880	(436,596)	
TOTAL	519,713	539,023	560,990	450,740	314,588	319,262	265,393	332,254	286,554	241,711	244,723	243,562	4,318,513	2,830,785	52.56%
kWh	3,621,234	3,785,927	3,972,628	3,504,967	2,552,789	2,605,569	2,733,705	3,567,867	3,026,548	2,750,214	2,728,479	2,659,056	37,508,983	39,193,951	-4.30%
RATE	0.1435	0.1424	0.1412	0.1286	0.1232	0.1225	0.0971	0.0931	0.0947	0.0879	0.0897	0.0916	0.11513	0.07223	59.41%
NET INCOME															
NET RETAIL INCOME	122,797	126,180	232,475	247,154	175,810	92,729	109,171	225,701	176,967	146,581	126,472	68,610	1,850,645	480,559	285.10%
NET INCOME/kWh	0.0339	0.0333	0.0585	0.0705	0.0689	0.0356	0.0399	0.0633	0.0585	0.0533	0.0464	0.0258	0.04934	0.01226	302.40%

GENERATION

	JULY	AUGUST	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	YTD	21-22	DIFFERENCE
GENERATION EXPENSE															
WS4	87,000	123,000	70,000	17,000	-	5,000	46,000	66,000	95,000	7,000	32,000	67,000	615,000	534,000	
LGS	39,000	60,000	84,000	72,000	84,000	56,000	55,000	77,000	50,000	54,000	92,000	65,000	788,000	1,028,000	
TOTAL EXPENSE	126,000	183,000	154,000	89,000	84,000	61,000	101,000	143,000	145,000	61,000	124,000	132,000	1,403,000	1,562,000	-10.18%
GENERATION PRODUCTION															
WS4-MWH	1,782	2,266	2,479	916	1,640	2,235	1,839	770	179	(39)	1,633	2,515	18,213	12,211	
LGS-MWH	2,666	2,534	1,055	726	864	2,032	1,278	1,124	1,615	625	1,662	1,597	17,777	16,781	
TOTAL MWH	4,448	4,800	3,534	1,642	2,504	4,267	3,117	1,894	1,793	586	3,295	4,112	35,990	28,992	24.14%
GENERATION SALES															
WS4	120,408	170,561	140,903	37,904	67,402	84,143	52,693	15,186	6,778	(36)	46,525	76,103	818,569	488,670	
LGS	208,970	227,172	98,951	35,637	51,979	123,751	47,066	30,210	43,535	18,742	49,700	51,732	987,985	738,365	
TRANSMISSION	9,380	9,351	9,264	9,328	9,045	9,263	9,222	8,995	9,097	9,016	9,066	9,408	110,435	108,299	
TOTAL INCOME	338,758	407,624	249,119	82,869	128,426	217,157	108,981	54,390	59,410	27,722	105,291	137,243	1,916,989	1,335,334	43.56%
NET INCOME															
NET INCOME	212,758	224,624	95,119	(6,131)	44,426	156,157	7,981	(88,610)	(85,590)	(33,278)	(18,709)	5,243	513,989	(226,666)	326.76%

RETAIL / GENERATION NET INCOME

	JULY	AUGUST	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	YTD	21-22	DIFFERENCE
NET EXPENSE															
WHOLESALE EXPENSE	126,000	183,000	154,000	89,000	84,000	61,000	101,000	143,000	145,000	61,000	124,000	132,000	1,403,000	1,562,000	
RETAIL EXPENSE	396,916	412,843	328,515	203,586	138,778	226,533	156,222	106,553	109,587	95,130	118,251	174,952	2,467,868	2,350,226	
TOTAL	522,916	595,843	482,515	292,586	222,778	287,533	257,222	249,553	254,587	156,130	242,251	306,952	3,870,868	3,912,226	-1.06%
NET REVENUE															
WHOLESALE REVENUES	338,758	407,624	249,119	82,869	128,426	217,157	108,981	54,390	59,410	27,722	105,291	137,243	1,916,989	1,335,334	
RETAIL REVENUES	519,713	539,023	560,990	450,740	314,588	319,262	265,393	332,254	286,554	241,711	244,723	243,562	4,318,513	2,830,785	
TOTAL	858,471	946,647	810,109	533,609	443,014	536,419	374,374	386,644	345,964	269,433	350,014	380,805	6,235,502	4,166,119	49.67%
NET INCOME															
NET INCOME	335,554	350,804	327,594	241,023	220,236	248,886	117,151	137,091	91,378	113,304	107,762	73,852	2,364,634	253,893	831.35%
RATE/kWh	0.0927	0.0927	0.0825	0.0688	0.0863	0.0955	0.0429	0.0384	0.0302	0.0412	0.0395	0.0278	0.06304	0.00648	873.19%