

ELDRIDGE ELECTRIC AND WATER UTILITY BOARD

February 4th, 2025 – 5:00pm
City Hall, 305 N. 3rd Street

1. Call to Order
2. Public Comment
3. Approval of Agenda
4. **Approval of Utility Board Meeting Minutes from January 28th, 2025**
5. Financial & Administrative
 - A. **Consideration to Approve Bills Payable**
 - B. Introduction and Discussion of FY26 Budget for the Water and Electric funds
 - C. Department Update
6. Electric Department
 - A. Outages
 - B. Department Update – Collin Wilson
7. Water Department
 - A. Water Main Breaks
 - B. **Water Test Results**
 - C. **Consideration to approve Renewal of Services Agreement with Climate Engineers**
 - D. Consideration to Approve 16th Ave Water Tower Rehab design
 - E. Department Update – Cegan Long
8. Adjournment

NEXT REGULAR MEETING: Tuesday, February 18th, 2025 at 5:00pm

The regular meeting of the Board of Trustees of the Eldridge Electric and Water Utility Board was called to order at 5:00 p.m. on January 28, 2025, at Eldridge City Hall.

The board members present were Michael Bristley, Abby Petersen, Jeff Hamilton, Mark Gooding, and Racheal Padavich (left meeting at 5:09 p.m). Also present were Lenny Larson, Cegan Long, Ryan Iossi, Nevada Lemke, and Sadie Wagner.

Public Comment – none.

Motion by Petersen to approve Agenda. Second by Hamilton. All Ayes. Motion Carries.

Motion by Padavich to approve Utility Board Minutes from January 14, 2025. Second by Petersen. All Ayes. Motion Carries.

Financial & Administrative-

- A. Motion by Padavich to Approve Bills Payable in the amount of \$171,134.48. Second by Hamilton. All Ayes. Motion Carries.
- B. Motion by Petersen to approve Resolution 2025-03 E&W Approving changes to the regularly scheduled meeting dates for the 2025 calendar year. Second by Padavich. All Ayes. Motion Carries.
- C. The fiscal Year 2024 audit report was sent out. Board and Council training is Wednesday, January 29th at 4:30 p.m. at the Scott Co Library. Budget will be on the February 4th and 18th agenda to go over Electric and Water. Letty Goslowsky was sworn in as the City Clerk on January 27th.

Electric Department

- A. Outages – none.
- B. Department update – Collin Wilson attended the IAMU Leadership Conference 1/15-1/17, in Ankeny. The crew completed the 2025 IUB overhead and underground distribution inspections, minimal corrections were found that need to be made. They have also been working on vehicle maintenance.

Water Department

- A. Water Main Breaks – S 5th and W Sheridan – the department worked with Superintendent Joe Stutting to set a time to shut down the valves so that they may work on it, without having to

shut down the schools. They had it all dug out and ready to go by noon, shut down by 12:15 p.m. and turned back on by 12:55 p.m. Loss of 80,000 gallons of water.

- B. An update was given by Lenny Larson with ISG Engineering
- C. Motion by Gooding to approve Resolution 2025-02 E&W setting a Public Hearing Date to review plans and specifications for the proposed 16th Avenue Water Tower Reconditioning project. Second by Hamilton. Roll Call indicated Petersen (Aye), Gooding (Aye), Hamilton (Aye), Bristley (Aye).
- D. A Discussion about the 16th Avenue Water Tower Rehab Design was had, the board needs to decide if they would like to paint the base of the bowl and the stem a darker color or just the bowl and put the school logo with the City of Eldridge, Larson is going to get them pricing for the next meeting.
- E. Department Update – Given by Water Operator Cegan Long – Floride bulk tank valve was repaired, Acco vented the caustic tanks, Long spoke JM Eagle, maker of the C900 PVC pipe and they do give tours of their facility, Long is looking at end of March beginning of April to take a group to see how the pipe is made. Tri City Electric is putting together a quote for soft starts for each of the well buildings. Sheridan Meadow Apartments, we are running into issues with their 2' meters. Long spoke with the manager about the cost of the meters, it will be around \$10,000 for the 6 meters. The Tri-City Skada system is fully operational.

Motion by Petersen to adjourn the meeting at 5:36 p.m. Second by Gooding. All Ayes. Motion Carries.

Sadie Wagner

Utility Administrative Manager

BILLS PAYABLE						
CHECK #	DEPT	FUND	VENDOR	DESCRIPTION	FREQUENCY	AMOUNT
226544	WATER	600 5-810-6150	DELTA DENTAL	DENTAL/VISION INS PREMIUMS	MONTHLY	\$ 275.11
226544	ELECTRIC	630 5-820-6150	DELTA DENTAL	DENTAL/VISION INS PREMIUMS	MONTHLY	\$ 161.20
226545	WATER	600 5-810-6150	DELTA DENTAL - LTD	LTD INS PREMIUMS	MONTHLY	\$ 43.82
226545	ELECTRIC	630 5-820-6150	DELTA DENTAL - LTD	LTD INS PREMIUMS	MONTHLY	\$ 79.53
226546	WATER	600 5-810-6150	DELTA DENTAL- BASIC	BASIC LIFE INS PREMIUMS	MONTHLY	\$ 12.20
226546	ELECTRIC	630 5-820-6150	DELTA DENTAL- BASIC	BASIC LIFE INS PREMIUMS	MONTHLY	\$ 25.80
226547	WATER	600 5-810-6150	WELLMARK BLUE CROSS	HEALTH INS PREMIUMS	MONTHLY	\$ 2,649.20
226547	ELECTRIC	630 5-820-6150	WELLMARK BLUE CROSS	HEALTH INS PREMIUMS	MONTHLY	\$ 1,757.81
226548	DEP REFUND	630 2033	BAILEY JASMINE	01-6221-05	ONE TIME	\$ 78.00
226549	DEP REFUND	630 2033	DJAFERI ARBER	05-1990-26	ONE TIME	\$ 111.96
226550	DEP REFUND	630 2033	FOLEY JENNA	01-9053-00	ONE TIME	\$ 83.47
226551	DEP REFUND	630 2033	LEE KEVIN	03-2860-98	ONE TIME	\$ 22.41
226552	DEP REFUND	630 2033	PETERSEN KELLI	04-1320-21	ONE TIME	\$ 32.56
226553	DEP REFUND	630 2033	RORAH LUCAS	05-3540-05	ONE TIME	\$ 114.60
226554	DEP REFUND	630 2033	SCHAEFER DRAKE	01-6039-15	ONE TIME	\$ 89.37
226555	WATER	600 5-810-63711	AMAZON CAPITAL SERVICES	AIR HOSE/TWIST TIES/AIR COUPLR	AS NEEDED	\$ 266.47
226556	WATER	600 5-810-6373	BOHNSACK & FROMMELT LLP	FINAL BILLING FOR YR END AUDIT	ANNUAL	\$ 2,406.25
226556	ELECTRIC	630 5-820-6401	BOHNSACK & FROMMELT LLP	ACCOUNTING SERVICES	AS NEEDED	\$ 700.00
226556	ELECTRIC	630 5-820-6401	BOHNSACK & FROMMELT LLP	FINAL BILLING FOR YR END AUDIT	ANNUAL	\$ 2,406.25
226557	ELECTRIC	630 5-820-6310	CINTAS CORPORATION	FLOOR MATS	MONTHLY	\$ 82.62
226558	WATER	600 5-810-6310	CLIMATE ENGINEERS-QC	HVAC MAINTENANCE	AS NEEDED	\$ 261.49
226559	WATER	600 5-810-6310	CUMMINS SALES AND SERVICE	LATCH	AS NEEDED	\$ 117.10
226560	ELECTRIC	630 5-820-6560	FLETCHER-REINHARDT CO.	INSULATOR & CROSSARM	AS NEEDED	\$ 1,278.12
226561	ELECTRIC	630 5-820-6450	IOWA ONE CALL	LOCATES	MONTHLY	\$ 80.10
226562	WATER	600 5-810-63711	MENARDS	PLUMBING MATERIALS	AS NEEDED	\$ 36.73
226562	WATER	600 5-810-6506	MENARDS	OFFICE & BATHROOM SUPPLIES	AS NEEDED	\$ 22.92
226563	WATER	600 5-810-6310	MERSCHMAN HARDWARE	NEW OPERATOR KEYS	AS NEEDED	\$ 31.89
226563	WATER	600 5-810-63711	MERSCHMAN HARDWARE	TOOLS	AS NEEDED	\$ 126.96
226563	ELECTRIC	630 5-820-6310	MERSCHMAN HARDWARE	8 PK ALKALINE BATTERY	AS NEEDED	\$ 39.98
226563	ELECTRIC	630 5-820-6310	MERSCHMAN HARDWARE	8 PK BATTERY	AS NEEDED	\$ 8.59
226564	WATER	600 5-810-6371	MIDAMERICAN ENERGY COMPANY	401 S 16TH AVE GENERATOR	MONTHLY	\$ 14.54
226564	WATER	600 5-810-6371	MIDAMERICAN ENERGY COMPANY	853 N 1ST ST GENERATOR	MONTHLY	\$ 34.75
226564	WATER	600 5-810-6371	MIDAMERICAN ENERGY COMPANY	851 N 1ST ST WELL #5	MONTHLY	\$ 95.00
226564	WATER	600 5-810-6371	MIDAMERICAN ENERGY COMPANY	503 W DONAHUE ST	MONTHLY	\$ 130.78
226564	WATER	600 5-810-6371	MIDAMERICAN ENERGY COMPANY	212 N 3RD ST	MONTHLY	\$ 72.36
226564	ELECTRIC	630 5-820-6371	MIDAMERICAN ENERGY COMPANY	120 E IOWA ST	MONTHLY	\$ 332.14
226565	ELECTRIC	630 5-820-6332	NAPA AUTO PARTS	AIR/ENGINE OIL FILTER	AS NEEDED	\$ 35.89
226566	WATER	600 5-810-6451	QC ANALYTICAL SERVICES LLC	FLUORIDE TEST	MONTHLY	\$ 27.00
226567	WATER	600 5-810-6373	QUAD CITIES TAS	ANSWERING SERVICES	MONTHLY	\$ 31.52
226567	ELECTRIC	630 5-820-6450	QUAD CITIES TAS	ANSWERING SERVICES	MONTHLY	\$ 31.53
226568	WATER	600 5-810-6213	SDS BINDERWORKS	3 YEAR CONT. FOR SDS	TRIENNIAL	\$ 502.32
226568	ELECTRIC	630 5-820-6310	SDS BINDERWORKS	3 YEAR CONT. FOR SDS	TRIENNIAL	\$ 502.31
226569	ELECTRIC	630 5-820-6508	U.S. POST OFFICE	UTILITY BILL POSTAGE	MONTHLY	\$ 1,075.32
226570	ELECTRIC	630 5-820-6508	US POSTAL SERVICE (CMRS-FP)	POSTAGE MACHINE POSTAGE	AS NEEDED	\$ 499.00
226571	WATER	600 5-810-63711	USA BLUE BOOK	TESTING MATERIALS	AS NEEDED	\$ 396.52
ACH	SPLIT	SPLIT	PAYROLL 2/1	PAYROLL 2/1	BI-WEEKLY	\$ 27,932.16
TOTAL:						\$ 17,183.49

Laboratory Report

Eldridge, City of
 Cegan Long
 305 North 3rd Street
 Eldridge, IA 52748

Date Received: 01/29/25 13:47
Date Reported: 01/30/25 16:18
Project: PWS ID # IA8230008 Eldridge
 Email reports and Invoice

Analyte	Result	Units	Analyzed	Analyst	Method	Notes
Sample ID: 1250 W Maple Street - Routine Grab			Date Sampled: 01/28/25 12:58	Date Received: 01/29/25 13:47		
Lab No.: 25A2944-01			Sampled by: CL			

Classical Chemistry Parameters

Total Coliforms	Negative	MPN/100 mL	01/29/25 14:16	ad	SM 9223B	
Field Chlorine	3.08	mg/L	01/28/25 12:58	CL	SM 4500 Cl G	

Analyte	Result	Units	Analyzed	Analyst	Method	Notes
Sample ID: 807 Sawgrass Ct - Routine Grab			Date Sampled: 01/28/25 13:20	Date Received: 01/29/25 13:47		
Lab No.: 25A2944-02			Sampled by: CL			

Classical Chemistry Parameters

Total Coliforms	Negative	MPN/100 mL	01/29/25 14:16	ad	SM 9223B	
Field Chlorine	3.03	mg/L	01/28/25 13:20	CL	SM 4500 Cl G	

Analyte	Result	Units	Analyzed	Analyst	Method	Notes
Sample ID: 102 W Harvest St - Routine Grab			Date Sampled: 01/28/25 13:41	Date Received: 01/29/25 13:47		
Lab No.: 25A2944-03			Sampled by: CL			

Classical Chemistry Parameters

Total Coliforms	Negative	MPN/100 mL	01/29/25 14:16	ad	SM 9223B	
Field Chlorine	3.08	mg/L	01/28/25 13:41	CL	SM 4500 Cl G	

Analyte	Result	Units	Analyzed	Analyst	Method	Notes
Sample ID: 121 S 14th Ave - Routine Grab			Date Sampled: 01/28/25 14:07	Date Received: 01/29/25 13:47		
Lab No.: 25A2944-04			Sampled by: CL			

Classical Chemistry Parameters

Total Coliforms	Negative	MPN/100 mL	01/29/25 14:16	ad	SM 9223B	
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Analysis Certified by:

 Randall Wanke, Ph.D.

Amy Dobbela For Randall Wanke, Laboratory Director

Randal Wanke, Laboratory Director

Eldridge, City of
 305 North 3rd Street
 Eldridge IA, 52748

Project: PWS ID # IA8230008 Eldridge

Email reports and Invoice

Reported:

01/30/25 16:18

Field Chlorine	2.87	mg/L	01/28/25 14:07	CL	SM 4500 Cl G
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Analyte	Result	Units	Analyzed	Analyst	Method	Notes
Sample ID: 120 N. 2nd St - Routine Grab			Date Sampled: 01/29/25 10:28		Date Received: 01/29/25 13:47	
Lab No.: 25A2944-05			Sampled by: CL			

Classical Chemistry Parameters

Total Coliforms	Negative	MPN/100 mL	01/29/25 14:16	ad	SM 9223B
Field Chlorine	3.02	mg/L	01/29/25 10:28	CL	SM 4500 Cl G

Analyte	Result	Units	Analyzed	Analyst	Method	Notes
Sample ID: 212 N 3rd St - Routine Grab			Date Sampled: 01/29/25 10:48		Date Received: 01/29/25 13:47	
Lab No.: 25A2944-06			Sampled by: CL			

Classical Chemistry Parameters

Total Coliforms	Negative	MPN/100 mL	01/29/25 14:16	ad	SM 9223B
Field Chlorine	2.87	mg/L	01/29/25 10:48	CL	SM 4500 Cl G

Analyte	Result	Units	Analyzed	Analyst	Method	Notes
Sample ID: 212 N 3rd St - Routine Grab			Date Sampled: 01/29/25 11:05		Date Received: 01/29/25 13:47	
Lab No.: 25A2944-07			Sampled by: CL			

Classical Chemistry Parameters

Total Coliforms	Negative	MPN/100 mL	01/29/25 14:16	ad	SM 9223B
Field Chlorine	3.25	mg/L	01/29/25 11:05	CL	SM 4500 Cl G

Analyte	Result	Units	Analyzed	Analyst	Method	Notes
Sample ID: 1075 Rustic View Ct - Routine Grab			Date Sampled: 01/29/25 11:29		Date Received: 01/29/25 13:47	
Lab No.: 25A2944-08			Sampled by: CL			

Classical Chemistry Parameters

Total Coliforms	Negative	MPN/100 mL	01/29/25 14:16	ad	SM 9223B
Field Chlorine	2.63	mg/L	01/29/25 11:29	CL	SM 4500 Cl G

N-1 Negative
 _A Bacteria Absent

MAINTENANCE SERVICE AGREEMENT

FOR HEATING, VENTILATION AND AIR CONDITIONING EQUIPMENT AND SYSTEMS

CITY OF ELDRIDGE

LOCATION: WATER TREATMENT PLANT

505 WEST DONOHUE ST.

ELDRIDGE, IOWA



**COMMERCIAL HVAC
INDUSTRIAL
MANUFACTURING
SPECIALTY METALS
SERVICE**

DETAILS OF PREVENTIVE MAINTENANCE AGREEMENT

This agreement is between

Climate Engineers, LLC
201 Fisher Court
Eldridge, IA 52748

and

City Of Eldridge
505 West Donohue street
Eldridge, Iowa

Climate Engineers agrees to the following:

- **Regularly Scheduled Preventive Maintenance Inspections**

We will provide a qualified technician to inspect your air conditioning and heating system for proper operation to ensure it is operating at peak efficiency, minimize breakdowns, extend equipment life, and reduce energy consumption. Maintenance will be performed as per the frequency listed in schedule "A".

- **Emergency Service**

When needed, emergency service will be provided 24-hours a day, 365 days a year. This will be billable per the discounted labor in the "Flat Rate" section.

- **Guaranteed Response**

Climate Engineers will provide a guaranteed response time in less than eight hours after a critical emergency call is placed.

- **Work Log Per Unit**

Climate Engineers will keep a work log on each PM visit and submit to Customer after each maintenance visit. These work logs will indicate the unit worked on, date of service, type of service and initials of technician working on unit.

- **Primary Technician**

A primary technician, as well as a back-up service technician, will be assigned to your account. This leads to greater familiarity with your equipment, your specified system requirements, and your staff.

EQUIPMENT LIST – SCHEDULE A

Optimum maintenance will be provided on the following systems, and/or individual components, by Climate Engineers in accordance with the terms and conditions set forth by this agreement.

- 1- DOA cooling and heating unit
- 1- Mini split
- 1- Residential split system

OPTIONAL SERVICE

The following are optional services that are excluded from the agreement:

EXCLUSIONS

Replacement compressors, heat exchangers, condenser coils and evaporator coils (parts only) are not covered under this agreement. All attempts will be made to complete repairs to these items prior to recommending replacement. Climate Engineers will provide the labor to complete these part- excluded repairs - covered under the contract but all materials are additional.

ROUTINE MAINTENANCE TASKS + INTERVALS

Inspection Intervals

4 Total inspections per contract

Our inspections included

- 1) Inspecting, cleaning, or replacing filters as required 4 times per year*
- 2) Checking refrigerant pressures; adjust charge if necessary*
- 3) Checking electrical connections and tighten if necessary*
- 4) Check electrical contacts for wear*
- 5) Checking for proper voltages and amp draws*
- 6) Lubricating components as required*
- 7) Checking belts and sheaves for proper tension and condition; adjust as necessary.*
- 8) Checking and cleaning condensate drains*
- 9) Ensure that electrical controls work properly*
- 10) Clean condenser coils *2 times a year*
- 11) Check heating operation*
- 12) Visual check for units for refrigerant leaks*
- 13) Check motor operating conditions*
- 14) Check crankcase heaters (where applicable)*
- 15) Remove and clean burners, checking for wear and cracks*
- 16) Check heat exchangers for wear and any failures. Check for Carbon Monoxide on any units with failed heat exchangers to determine severity of issue*
- 17) Lubricate and check amp draw on main pumps twice per year*
- 18) Check and clean economizers and mist eliminators*
- 19) Will provide coil cleaners to use for condenser and evaporator cleanings*

FLAT RATE

Our execution strategy incorporates proven methodologies, extremely qualified personnel, and a highly responsive approach to managing deliverables. Following is a description of our project methods, including how the project will be developed, a proposed timeline of events, and reasons for why we suggest developing the project as described.

Climate Engineers shall provide maintenance on the equipment listed on Schedule "A" and provide the additional services as indicated in the Option Services.

Customer shall receive a discount on all material and/or parts not included in this agreement.

Flat Rate Refrigerant

Due to the current volatility in the price of R-22, pricing is subject to change without notice and quantities may be limited as it is being further phased out by the government.

R22	\$125.00 per pound
R410A	\$85.00 per pound
R407C	\$90.00 per pound
R134A	\$85.00 per pound
R458A	\$90.00 per pound

** Prices include 10% discount*

Labor Rates

The customer will be billed at a discounted rate of \$103.00 per hour for all repairs or emergency service during normal working hours, Monday through Friday, 7:00 a.m. to 3:30 p.m.

Payment Plan Options & Payment Details

This program will be furnished by Climate Engineers from 2-01-2025 to 2-01-2026 for the sum of \$2,419.98 annually with the following payment options:

- ☐ One (1) annual payment of \$2,419.98
- ☐ Four (4) payments of \$604.95 each

Payment is due within 30 days. All payments after 30 days will incur a finance charge of 18% per year. In order to ensure no lapse of service, this agreement is to be self-renewing unless written notice to the contrary is given thirty (30) days prior to renewal date by either party.

Annual contract price can be adjusted only at anniversary date unless equipment is added to or subtracted from original contract. This agreement is not binding until equipment is inspected and condition approved.

Climate Engineers reserves the right to terminate this agreement and its option at any time if payments are not made in accordance with Climate Engineer's normal terms.

Automatic agreement renewal

Please check below if you would like to opt in for this agreement to automatically renew each year, each year will be subject to a 4 percent increase due to rising costs in materials. A 30 day written or electronic notice will be required to stop this automatic renewal. This automatic renewal will only be initiated by checking box and signing below.

☐ Automatically renew agreement each year

Approved and Authorized By

Name (print): _____

Signature (sign): _____

Title (print): _____

Date: _____

TERMS & CONDITIONS

Any alterations, adjustments or repairs made by others, unless authorized or agreed upon by this Contractor, will be cause to terminate our obligation under this agreement.

Repairs required by fire, floods, accidents, acts of God, abuse, or the improper use of the listed equipment will be the sole responsibility of the Owner and are not covered by this agreement.

This agreement includes all control wiring between indoor and outdoor units and the thermostat(s), and power wiring and controls within the units. Not included is external power wiring, circuit breakers, and disconnects supplying electrical service for the units. Likewise, gas piping that is external to the units is not covered. Broken/cut/melted or otherwise damaged control wiring is not covered under this agreement.

This agreement does not cover ductwork, structural supports or other sheet metal components which may deteriorate due to corrosion or rust.

Neither party to this agreement shall hold the other responsible for any indirect or consequential damages of a commercial nature such as, but not limited to, loss of revenue or loss of use of any equipment or facilities, or loss of product.

The Contractor's maximum liability based upon any claim or cause of action shall not exceed the yearly contract price of this agreement.

Payment for this agreement will be net upon receipt of invoice. The Contractor offering this agreement reserves the right to discontinue service any time payments have not been made as agreed.

This agreement may be terminated by either party upon 30 days written notice. A refund for the remaining contract period will be made on a pro-rata basis, with deduction for work already completed.

Approved and Authorized By

CROTHALL HEALTHCARE

Name (print): _____

Signature (sign): _____

Title (print): _____

Date: _____

CLIMATE ENGINEERS, LLC.

Name (print): Joshua Pepping

Signature (sign): *Joshua Pepping*

Title (print): Service manager

Date: 1/31/2025

SL2_CSA_Inspection_4-0

PM Checklist

● 2 ● 0 ● 31 ● 5

Inspection Number	20979730	Customer No	611182
Serial Number	1505820907	Customer Name	CITY OF ELDRIDGE
Make	KATO	Customer Phone	563 285 4841
Model	D150FRJ4T	Work Order	DE17237
Equipment Family	ENGINE - GENERATOR SET	Completed On	1/27/2025 6:16:52 PM
Asset ID	DONHUE ST GENERATOR	Inspector	Chris Joens
SMU	416 Hours	PDF Generated On	1/28/2025
Location	501-599 W Donahue St, Eldridge, IA	Coordinates	245.950729370117, 41.6582573531746, -90.5896896651206

Technician



General Info & Comments

● General info/Comments

ACTION

Comments: Jacket water heater not working. Coolant dark brown. Debris in cooling system. Recommend flushing cooling system and refilling with new.



Red - Non-Running Checks

● 2.5 5. Are Jacket Water Heater(s) Functioning? Observe and Record Jacket Water Temperature. (Ref Help As Needed)

ACTION

Comments: 18 degrees. Jacket water heater not working.

Green - Customer Interview & Site Notification

- 1.1 1. Is the unit Serial Number correct? YES
- 1.2 2. Interview the operator and list any known issues. PERFORMED
- 1.3 3. Notify customer and on-site personnel that you are about to disable the genset. (Record the name(s) of person(s) you contacted.) YES
- 1.4 4. Place the genset control in Off/Reset and ensure unit is in safe work mode. YES

Green - Non-Running Checks

- 2.1 1. Change Engine oil & filter(s) NORMAL
- 2.2 2. Change Fuel Filters YES
- 2.3 3. Check the fluid level for all compartments NORMAL
Comments: Coolant low. Topped off with 1 gal of coolant. Oil full.
- 2.4 4. Verify operation of the fuel level gauge and record fuel level YES
Comments: 7/8



- 2.6 6. Pull fuel sample for visual inspection and photo document for the report YES
Comments: Bright red in color. No debris



- 2.8 8. Check battery condition. Record or photo document date code and in-service date. GOOD

Comments: 7-19
Specific gravity
1.30 1.30 1.30 1.28 1.29 1.30



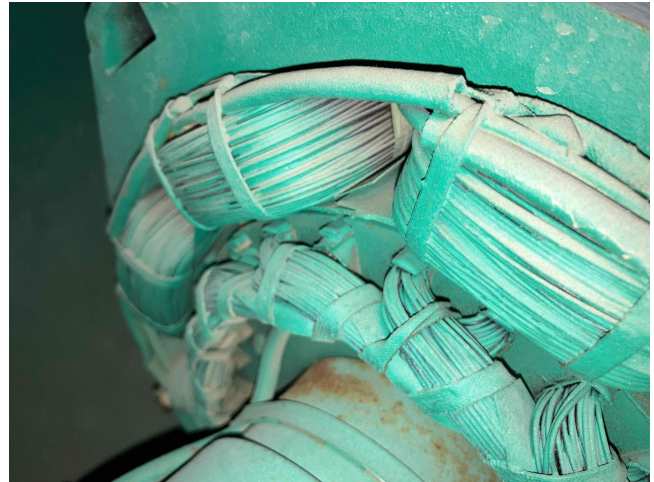
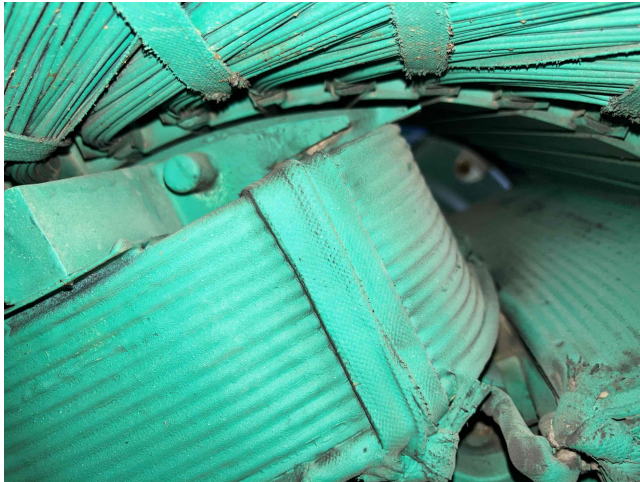
- 2.9 9. Check Battery Charger. Adjust the float rate to match battery ____ type. Record the float rate. (See help file as needed.) NORMAL

Comments: 13.1V .5A

- 2.11 11. Check condition of the radiator NORMAL

Comments: Freeze protection -60

●	2.12 12. Inspect Drive Belts	NORMAL
●	2.13 13. Inspect all Coolant Hoses and Clamps	NORMAL
●	2.14 14. Inspect Fuel Supply and Return Lines	NORMAL
●	2.15 15. Turbocharger Visual Inspection (Reference help text as needed)	NORMAL
●	2.16 16. Check All Air Intake Piping for Damage and Loose Connections	NORMAL
●	2.17 17. Inspect Air Filter & Air Filter Restriction Indicator (Reference help text for guidelines.)	NORMAL
●	2.18 18. Remove generator covers and inspect wiring, wiring connections, & generator bearing (Reference help as needed.)	NORMAL



Green - Running Checks

●	3.1 1. Record cranking voltage. Record cranking time to start. (Reference help as needed.)	NORMAL
Comments: 10.2V 1 second start		
●	3.3 3. Start & run unit to bring it up to operating temperature. Record the coolant temp. (Reference help as needed.)	NORMAL
Comments: 170 degrees		
●	3.4 4. Check the function of the battery charging alternator and note any issues. (Ref help file as needed.)	NORMAL
Comments: 14.2V		

●	3.5 5. Record engine oil pressure at operating temperature. (Refer to SIS WEB for normal pressure ranges.)	NORMAL
	Comments: 45 Psi	
●	3.6 6. SOS Sample Engine Oil-Live (Ref Help File As Needed)	YES
●	3.7 7. Coolant SOS Sample - Level II	YES
●	3.8 8. Record generator voltage and frequency at operating temperature.	NORMAL
	Comments: 490VAC 60.1Hz	
●	3.9 9. Test Safeties-SL CSA-4-0 (Ref Help As Needed)	PASS
Green - Inspection Completion		
●	4.2 2. Wipe Down Unit - Try To Leave Unit Cleaner Than You Found It.	YES
●	4.3 3. Dispose of Used Parts and Fluids In Accordance With Current EPA Regulation	YES
●	4.4 4. Put unit back in auto-start mode (Reference Help For Specifics)	YES
●	4.5 5. Notify customer and on-site personnel that the unit is back in service. (List Name(s) Of Person(s) Contacted)	YES
Grey - Non-Running Checks		
●	2.7 7. Confirm The Generator Winding Heater(s) Are Functioning	N/A
●	2.10 10. Battery load test (with load test values)	N/A
Grey - Running Checks		
●	3.2 2. Gas unit: Measure and record magnetic pickup cranking & running voltage	N/A
●	3.10 10. Visual Inspection of Automatic Transfer Switch (ATS) (Reference Help)	N/A
Grey - Inspection Completion		

● 4.1 1. Reset Service Maintenance Interval (EMCP 3 & EMCP 4 Panels) (Ref Help As Needed)

N/A

SL2_CSA_Inspection_4-0

PM Checklist

● 0 ● 0 ● 30 ● 8

Inspection Number	20983096	Customer No	611182
Serial Number	E020376462	Customer Name	CITY OF ELDRIDGE
Make	CUMMINS	Customer Phone	563 285 4841
Model	Cummins	Work Order	DE17239
Equipment Family	ENGINE - GENERATOR SET	Completed On	1/27/2025 6:23:01 PM
Asset ID	FIRST ST GENERATOR	Inspector	Chris Joens
SMU	573 Hours	PDF Generated On	1/28/2025
Location	711 N First St, Eldridge, IA	Coordinates	246.810729980469, - 41.6619089296955, - 90.582288426777

Technician



General Info & Comments

● General info/Comments NORMAL

Green - Customer Interview & Site Notification

● 1.1 1. Is the unit Serial Number correct? YES

● 1.2 2. Interview the operator and list any known issues. PERFORMED

● 1.3 3. Notify customer and on-site personnel that you are about to disable the genset. (Record the name(s) of person(s) you contacted.) YES

● 1.4 4. Place the genset control in Off/Reset and ensure unit is in safe work mode. YES

Green - Non-Running Checks

● 2.1 1. Change Engine oil & filter(s) NORMAL

● 2.3 3. Check the fluid level for all compartments NORMAL

Comments: Coolant and oil full.

● 2.4 4. Verify operation of the fuel level gauge and record fuel level YES

Comments: Natural gas

- 2.5 5. Are Jacket Water Heater(s) Functioning? Observe and Record Jacket Water Temperature. (Ref Help As Needed) NORMAL

Comments: 99 degrees

- 2.8 8. Check battery condition. Record or photo document date code and in-service date. GOOD

Comments: 11-16 sealed battery



- 2.9 9. Check Battery Charger. Adjust the float rate to match battery ____ type. Record the float rate. (See help file as needed.) NORMAL

Comments: 13V .1A

- 2.11 11. Check condition of the radiator NORMAL

Comments: Freeze protection -60

- 2.12 12. Inspect Drive Belts NORMAL

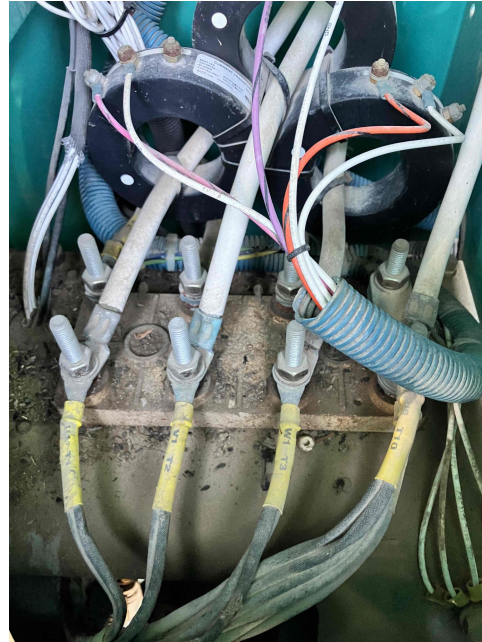
- 2.13 13. Inspect all Coolant Hoses and Clamps NORMAL

- 2.14 14. Inspect Fuel Supply and Return Lines NORMAL

- 2.16 16. Check All Air Intake Piping for Damage and Loose Connections NORMAL

- 2.17 17. Inspect Air Filter & Air Filter Restriction Indicator (Reference help text for guidelines.) NORMAL

- 2.18 18. Remove generator covers and inspect wiring, wiring connections, & generator bearing (Reference help as needed.) NORMAL



Green - Running Checks

- 3.1 1. Record cranking voltage. Record cranking time to start. (Reference help as needed.) NORMAL
- Comments: 11.4. 3 second start
- 3.3 3. Start & run unit to bring it up to operating temperature. Record the coolant temp. (Reference help as needed.) NORMAL
- Comments: 175 degrees
- 3.4 4. Check the function of the battery charging alternator and note any issues. (Ref help file as needed.) NORMAL
- Comments: 14.1V
- 3.5 5. Record engine oil pressure at operating temperature. (Refer to SIS WEB for normal pressure ranges.) NORMAL
- Comments: 70 Psi
- 3.6 6. SOS Sample Engine Oil-Live (Ref Help File As Needed) YES
- 3.7 7. Coolant SOS Sample - Level II YES

● 3.8 8. Record generator voltage and frequency at operating temperature. *NORMAL*

Comments: 480VAC 60Hz

● 3.9 9. Test Safeties-SL CSA-4-0 (Ref Help As Needed) *PASS*

Green - Inspection Completion

● 4.2 2. Wipe Down Unit - Try To Leave Unit Cleaner Than You Found It. *YES*

● 4.3 3. Dispose of Used Parts and Fluids In Accordance With Current EPA Regulation *YES*

● 4.4 4. Put unit back in auto-start mode (Reference Help For Specifics) *YES*

● 4.5 5. Notify customer and on-site personnel that the unit is back in service. (List Name(s) Of Person(s) Contacted) *YES*

Grey - Non-Running Checks

● 2.2 2. Change Fuel Filters *N/A*

Comments: Natural gas

● 2.6 6. Pull fuel sample for visual inspection and photo document for the report *N/A*

Comments: Natural gas

● 2.7 7. Confirm The Generator Winding Heater(s) Are Functioning *N/A*

● 2.10 10. Battery load test (with load test values) *N/A*

● 2.15 15. Turbocharger Visual Inspection (Reference help text as needed) *N/A*

Grey - Running Checks

● 3.2 2. Gas unit: Measure and record magnetic pickup cranking & running voltage *N/A*

● 3.10 10. Visual Inspection of Automatic Transfer Switch (ATS) (Reference Help) *N/A*

Grey - Inspection Completion

SL2_CSA_Inspection_4-0

PM Checklist

● 0 ● 0 ● 29 ● 8

Inspection Number	20981033	Customer No	611182
Serial Number	2133214	Customer Name	CITY OF ELDRIDGE
Make	KOHLER	Customer Phone	563 285 4841
Model	Kohler	Work Order	DE17238
Equipment Family	ENGINE - GENERATOR SET	Completed On	1/27/2025 6:21:00 PM
Asset ID	FIRST ST GENERATOR	Inspector	Chris Joens
SMU	641 Hours	PDF Generated On	1/28/2025
Location	711 N First St, Eldridge, IA	Coordinates	240.440734863281, 41.6616907141794, - 90.5831477530569

Technician



General Info & Comments

● General info/Comments NORMAL

Green - Customer Interview & Site Notification

● 1.2 2. Interview the operator and list any known issues. PERFORMED

● 1.3 3. Notify customer and on-site personnel that you are about to disable the genset. (Record the name(s) of person(s) you contacted.) YES

● 1.4 4. Place the genset control in Off/Reset and ensure unit is in safe work mode. YES

Green - Non-Running Checks

● 2.1 1. Change Engine oil & filter(s) NORMAL

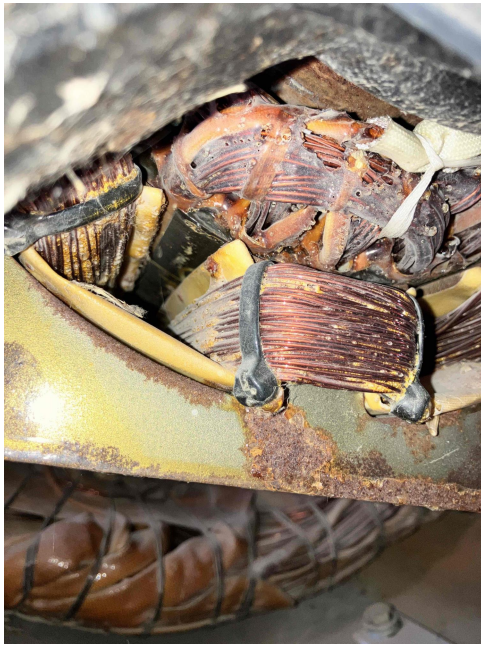
● 2.3 3. Check the fluid level for all compartments NORMAL

Comments: Coolant and oil full.

● 2.4 4. Verify operation of the fuel level gauge and record fuel level YES

Comments: Natural gas

●	2.5 5. Are Jacket Water Heater(s) Functioning? Observe and Record Jacket Water Temperature. (Ref Help As Needed)	<i>NORMAL</i>
	Comments: 101 degrees	
●	2.8 8. Check battery condition. Record or photo document date code and in-service date.	<i>GOOD</i>
	Comments: No date. Sealed battery	
●	2.9 9. Check Battery Charger. Adjust the float rate to match battery ____ type. Record the float rate. (See help file as needed.)	<i>NORMAL</i>
	Comments: 13.4V .2A	
●	2.11 11. Check condition of the radiator	<i>NORMAL</i>
	Comments: Freeze protection -60	
●	2.12 12. Inspect Drive Belts	<i>NORMAL</i>
●	2.13 13. Inspect all Coolant Hoses and Clamps	<i>NORMAL</i>
●	2.14 14. Inspect Fuel Supply and Return Lines	<i>NORMAL</i>
●	2.16 16. Check All Air Intake Piping for Damage and Loose Connections	<i>NORMAL</i>
●	2.17 17. Inspect Air Filter & Air Filter Restriction Indicator (Reference help text for guidelines.)	<i>NORMAL</i>
●	2.18 18. Remove generator covers and inspect wiring, wiring connections, & generator bearing (Reference help as needed.)	<i>NORMAL</i>



Green - Running Checks

- **3.1 1. Record cranking voltage. Record cranking time to start. (Reference help as needed.)** *NORMAL*

Comments: 11V 5 second start
- **3.3 3. Start & run unit to bring it up to operating temperature. Record the coolant temp. (Reference help as needed.)** *NORMAL*

Comments: 170 degrees
- **3.4 4. Check the function of the battery charging alternator and note any issues. (Ref help file as needed.)** *NORMAL*

Comments: 14.3V
- **3.5 5. Record engine oil pressure at operating temperature. (Refer to SIS WEB for normal pressure ranges.)** *NORMAL*

Comments: 55 Psi
- **3.6 6. SOS Sample Engine Oil-Live (Ref Help File As Needed)** *YES*
- **3.7 7. Coolant SOS Sample - Level II** *YES*
- **3.8 8. Record generator voltage and frequency at operating temperature.** *NORMAL*

Comments: 480VAC 60Hz
- **3.9 9. Test Safeties-SL CSA-4-0 (Ref Help As Needed)** *PASS*

Green - Inspection Completion		
●	4.2 2. Wipe Down Unit - Try To Leave Unit Cleaner Than You Found It.	YES
●	4.3 3. Dispose of Used Parts and Fluids In Accordance With Current EPA Regulation	YES
●	4.4 4. Put unit back in auto-start mode (Reference Help For Specifics)	YES
●	4.5 5. Notify customer and on-site personnel that the unit is back in service. (List Name(s) Of Person(s) Contacted)	YES
Grey - Non-Running Checks		
●	2.2 2. Change Fuel Filters	N/A
	Comments: Natura gas	
●	2.6 6. Pull fuel sample for visual inspection and photo document for the report	N/A
	Comments: Natural gas	
●	2.7 7. Confirm The Generator Winding Heater(s) Are Functioning	N/A
●	2.10 10. Battery load test (with load test values)	N/A
●	2.15 15. Turbocharger Visual Inspection (Reference help text as needed)	N/A
Grey - Running Checks		
●	3.2 2. Gas unit: Measure and record magnetic pickup cranking & running voltage	N/A
●	3.10 10. Visual Inspection of Automatic Transfer Switch (ATS) (Reference Help)	N/A
Grey - Inspection Completion		
●	4.1 1. Reset Service Maintenance Interval (EMCP 3 & EMCP 4 Panels) (Ref Help As Needed)	N/A
Unselected - Customer Interview & Site Notification		
	1.1 1. Is the unit Serial Number correct?	

