

**RECORD OF PROCEEDINGS
OF THE UTILITY ADVISORY COMMISSION
GARDNER, KANSAS
Page No. 2024-01
February 1, 2024**

The Utilities Advisory Commission of Gardner, Kansas, met in Regular Session on February 1, 2024, at City Hall. Present were Chairperson Barbara Coleman, Vice Chairperson Bryce Augustine, Commissioner Nate Plahn, Utilities Department Director Gonzalo Garcia and Utilities Specialist Erin Groh. Commissioners Raymond Stauffer and Mark Grant were not in attendance.

CALL TO ORDER

The meeting was called to order at 7:00 p.m. by Chairperson Barbara Coleman.

CONSENT AGENDA

- 1. Standing approval of the minutes as written for the December 7, 2023, meeting of the Utility Advisory Commission.**

Motion by Commissioner Plahn seconded by Vice-Chairperson Augustine, to approve the Consent Agenda.

Motion carried 3-0 Aye

NEW BUSINESS

- 1. Consider the election of a Chairperson and a Vice-Chairperson of the Commission.**

Motion by Commissioner Plahn and seconded by Vice-Chairperson Augustine to re-elect Chairperson Barbara Coleman to serve as Chairperson and to re-elect Vice-Chairperson Bryce Augustine to serve as Vice-Chairperson.

Motion carried 3-0 Aye

- 2. Discussion and Approval of By-Laws.**

The commissioners had no changes to the proposed revisions.

Motion by Commission Plahn and seconded by Vice-Chairperson Augustine to approve the revisions¹ of the Utilities Advisory Commission By-Laws

Motion carried 3-0 Aye

¹Please see revised By-Laws attached in back of this document.

DISCUSSION ITEMS

- 1. Project Updates.**

Director Garcia discussed the current projects underway in the city. The Electric Master Plan is being developed by Kiewit. Once they are done gathering all of their information they will put together a document for staff to review. Chairperson asked how long it will take for the plan to be together and Garcia said that he presumes that it should be ready in March possibly due to the vast amount of information that needs to be compiled. The second project discussed was the Kill Creek Water Resource Recovery Facility (WWTP)

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expansion and Black and Veatch and Crossland are the companies working on this project. It is a progressive design build and currently they're in phase I which is the design phase. They will present us with a guaranteed maximum price by the end of February which will tell the city how much the expansion is going to cost. Garcia said that the budget was \$28M and he thought that it is possibly going to be approximately \$30M or more. Chairperson Coleman asked if the money for it would be coming from the reserve and Garcia said that it would but if it is much more money, there is a potential that we would have to get a grant or raise the rates.

Commission Plahn asked if there was an update on the tie-in with Johnson County's Water 7 waterline so that Gardner has a back-up water source and Garcia said that before we could do construction, we are still needing easements from an Edgerton developer and the easements have not been given yet. Once that is done we can move forward with putting a bid out for the construction of it.

2. Electric Fund Balance Report.

Director Garcia stated that at the end of the 4th Quarter 2022 we had \$2.7M and at the end of 4th Quarter 2023 we are have \$14.3M in the reserves in the bank. Plahn asked what that's going to be used for and Garcia said that we'll use it for Substation 4 and we have the upgrade of Substation 1, transformer 2. Sub 4 is going in at Clare Rd. Gardner Electric had a meeting with Evergy recently and since Gardner is connecting with Evergy, they are needing to measure how much we are taking from their transmission line. Waiting for the final proposal for Substation 4. At the meeting with Evergy said that the cost to connect with Evergy at Sub 4 would be about \$600,000. We also have our portion for the build which is about \$14M. Evergy said that the breakers that we use to connect to the grid and to be used for protection will take about 3 years to get. So this pushes the project out a couple of years.

3. Electric Reliability Indexes- December 2023; Year End Report.

Director Garcia stated that he didn't yet have the data for January 2024. For December 2023, the electric reliability data that was gathered is as follows:

APPA Reliability Indexes

	SAIDI (Minutes/Year)	CAIDI (Minutes/Year)	ASAI (% based on year)	MAIFI (Interruptions per year)	SAIFI (Interruptions per year)	Customers Affected	Interruptions Per Mile (150.8 Miles)
Target	< 90 minutes	< 190 minutes	≥ 99.98 %	< 0.0010	< 0.20 %		
2021	107 minutes	230 minutes	99.98 %	0.0012	0.2889 %	8947	317.84
2022	41 minutes	97 minutes	99.99 %	0.0049	0.1658 %	9181	409.18
January 2023	1minutes	75 minutes	99.99 %	0.526	0.0157 %	145	0.96
February 2023	0 minutes	173 minutes	99.99 %	0.394	0.0005 %	5	0.03
March 2023	1 minutes	71 minutes	99.99 %	0.000	0.0017 %	16	0.11
April 2023	0 minutes	102minutes	99.99 %	0.323	0.0180 %	4	0.03
May 2023	0 minutes	54 minutes	99.99 %	0.382	0.006 %	63	0.26
June 2023	0 minutes	26 minutes	99.99 %	1.505	0.0035 %	33	0.22
July 2023	2 minutes	230 minutes	99.99 %	0.953	0.011 %	101	1.61
August 2023	16 minutes	86 minutes	99.96 %	0.275	0.190 %	1757	11.61
September 2023	0 minutes	0 minutes	99.99 %	0.668	0.269 %	2472	16.46
October 2023	0 minutes	26 minutes	99.99 %	0.527	0.0002 %	3	0.01
November 2023	0 minutes	21 minutes	99.99 %	0.287	0.0009 %	16	0.05
December 2023	0 minutes	4 minutes	99.99 %	0.314	0.0423 %	389	2.55
YTD	21 minutes	39 minutes	99.99 %	6.391	0.543 %	5004	30.51

Definitions

SAIDI (System Average Interruption Duration Index) - indicates the total duration of interruption for the average customer during a predefined period of time.

CAIDI (Customer Average Interruption Duration Index) - represents the average time required to restore service.

ASAI (Average Service Availability Index) - represents the fraction of time (in percentage) that a customer has received power during the defined reporting period

MAIFI (Momentary Average Interruption Frequency Index) - indicates the average frequency of momentary interruptions

SAIFI (System Average Interruption Frequency Index) - indicates how often the average customer experiences a sustained interruption over a predefined period of time.

Vice-Chairperson Augustine asked if our Water/WW divisions have a tracking system like the Electric's APPA. Garcia said that Water and Wastewater has had a lot of projects going on so it hasn't been implemented yet but he is looking into it.

4. Wastewater Repairs- 4th Quarter 2023.

Director Garcia went over the Sewer repair reports for the 4th Quarter 2024. Line maintenance staff completed 12 sanitary sewer line repairs affecting 14 customers, with 10 due to residents' issues and 2 due to other issues. The average workday response time was 12 minutes and the average workday repair time was 54 minutes. The average after-hours response time was 20 minutes and the average after-hours repair time was 54 minutes. The overall average response time was 14 minutes and the overall average repair time was 54 minutes. Year end comparisons were given with pie charts. (See 2-1-24 agenda)

5. Water Repair Report- 4th Quarter 2023

Director Garcia presented the Water Distribution repairs report for the 4th Quarter of 2023. Line maintenance staff completed 25 water distribution service repairs affecting 54 customers: 6 due to line failure, 1 due to saddle failure, 2 due to residents' issues and 16 due to other issues. The average workday response time was 24 minutes and the average workday repair time was 1 hour and 31 minutes. The average after-hours response time was 17 minutes and the average after-hours repair time was 8 hours and 18 minutes. The overall average response time was 22 minutes and the overall average repair time was 3 hours and 25 minutes. Year end comparisons were given with pie charts. (See 2-1-24 agenda)

OTHER BUSINESS

Vice-Chairperson Augustine asked for an update about the status of the Utilities Campus expansion and Garcia stated that right now the plan is to have Line Maintenance move to the Santa Fe St. site. Electric Distribution will move over as well to the campus if can sell their building. The expansion at the current Admin building is still in the design phase and staff is trying to cut options to reduce the cost. The construction costs have almost doubled from what it used to be Garcia said.

ADJOURNMENT

Motion by Commissioner Plahn, seconded by Vice-Chairperson Augustine to adjourn the meeting at 8:18 p.m.

Motion carried 3-0 Aye

/s/ _____ Erin Groh

Utilities Specialist
City of Gardner Utilities Department