

REGULAR SESSION –WEDNESDAY, JANUARY 18, 2023

STATE OF KANSAS)
) SS
CITY OF KANSAS CITY)

The Board of Public Utilities of Kansas City, Kansas (aka BPU, We, Us, Our) met in Regular Session on Wednesday, January 18, 2023 at 6:00 P.M. The following Board Members were present: Mary Gonzales, President; Rose Mulvany Henry, Vice President; Robert L. Milan, Jeff Bryant, and David Haley. Thomas Groneman, Secretary listened via Zoom but could not unmute during the meeting.

Also present: William Johnson, General Manager; Angela Lawson, Deputy Chief Counsel; Lori Austin, Chief Financial Officer/Chief Administrative Officer; Jeremy Ash, Interim Chief Operating Officer; Johnetta Hinson, Executive Director Customer Service; Steve Green, Executive Director Water Operations; Darrin McNew, Acting Executive Director Electric Operations; Glen Brendel, Executive Director Electric Production; Jerin Purtee, Executive Director Electric Supply; Maurice Moss, Executive Director Corporate Compliance; Jerry Sullivan, Chief Information Officer; Dennis Dumovich, Director of Human Resources; Dustin Miller, Director of Applications; Patrice Townsend, Director Utility Services; and Robert Kamp, IT Project Manager.

A video of this meeting is on file at the Board of Public Utilities and can be found on the BPU website, www.bpu.com.

Ms. Gonzales called the Board meeting to order at 6:00 P.M. She welcomed all that were listening to or viewing the meeting. She stated that the Board felt it was necessary to offer the use of technology for staff as well as for the general public. During the public comment section, members of the public who wished to speak to the Board using Zoom needed to use the Raise Hand feature at the bottom of the application or window to signal that they wish to address the board during the public comment section. Members of the public connected by phone only, needed to press *9 to indicate they wished to address the Board in the public comment section. Staff would assist those attending in person. During the public comment section of the agenda, community members would be asked to provide their name and address and had five minutes to speak. As always, the public could also email or call the BPU with any concerns. The agenda and presentations could be found on the BPU website or if they were using Zoom they would appear on their screen. Ms. Gonzales introduced herself and the other Board Members along with the General Manager, and Legal Counsel.

Roll call was taken and all Board Members were present.

Item #3 – Approval of Agenda

A motion was made to approve the Agenda by Mr. Bryant, seconded by Ms. Mulvany Henry and unanimously carried.

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Item #4– Approval of Work Session Minutes of January 4, 2023

A motion was made to approve the minutes of the Work Session of January 4, 2023, by Ms. Mulvany Henry, seconded by Mr. Milan, and unanimously carried.

Item #5– Approval of Regular Session Minutes of January 4, 2023

A motion was made to approve the minutes of the Regular Session of January 4, 2023, by, Mr. Bryant, seconded by Ms. Mulvany Henry, and unanimously carried.

Item #6– Public Comments

Ms. Susan Stevens, 4018 Silver Ave. encouraged the Board to move forward with the community working group meetings.

Ms. Nicole Haywood, 935 Ann Ave. expressed her concern regarding her utility bill. She was waiting for feedback from the technician who came to her home.

Mr. Johnson asked Mr. Jeremy Ash, Interim Chief Operating Officer and Ms. Johnetta Hinson, Executive Director Customer Service to speak with Ms. Haywood and find out what was discovered as a result of the field visit and also speak with her about the charges on her BPU bill.

Tscher Manck, Wyandotte County, spoke about customer bills. She also made comments about the General Manager’s salary.

Mr. Lawrence Smith, 1230 Washington Blvd., spoke about other customers’ utility bills and about electricity increases over the years. He hoped BPU could figure out why bills are so high around the downtown area.

Mr. Johnson asked him to relay the addresses of the customers to Ms. Hinson so Customer Service could contact them.

Mr. David Smith, 400 Troup, voiced his concern over rising taxes and utility bill charges.

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Item #7 – Election of Officers

Ms. Lawson presented the procedure for Election of Officers in the Charter Ordinance.

Ms. Gonzales announced the vote for the office of President for the term of January 2023 to January 2024.

Motion was made to nominate Mr. Groneman as President by Mr. Milan. No second was made.

Motion was made to nominate Ms. Mulvany Henry as President by Mr. Bryant, seconded by Mr. Haley.

No other nominations were received and the Board closed the nomination.

Roll call was taken on the vote for Ms. Mulvany Henry for President.

Ms. Gonzales – yes

Mr. Groneman – did not answer

Mr. Haley – yes

Mr. Milan – no

Ms. Mulvany Henry – yes

Mr. Bryant – yes

The motion carried.

Motion was made to nominate Mr. Groneman as Vice President by Mr. Milan, seconded by Mr. Bryant.

No other nominations were received.

The President closed the nomination after no other nominations were received and was carried by the Board.

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Roll call was taken on the vote for Mr. Groneman for Vice President and he was elected unanimously. (Mr. Groneman who did not answer.)

Ms. Mulvany Henry opened the vote for the office of Secretary for the term of January 2023 to January 2024.

Motion was made to nominate Mr. Bryant as Secretary by Ms. Gonzales.

Mr. Bryant declined the nomination.

Motion was made to nominate Mr. Milan as Secretary by Mr. Milan, seconded by Mr. Bryant.

No other nominations were received and the Board closed the nomination.

Roll call was taken on the vote for Mr. Milan for Secretary, and he was elected unanimously. (Mr. Groneman did not answer.)

Item #8– General Manager / Staff Reports

- i. *Water Utility Winterization / Planning:* Mr. Steve Green, Executive Director Water Operations, presented an overview on current winter storm hazards in our area, as well as regionally, and how Water Operations handled these issues. Some events included; ice jams, cold weather main breaks, extreme cold weather events, and ice storms. (See attached PowerPoint.)

Mr. Green responded to comments and questions from the Board.

- ii. *Proclamation of Appreciation (Mutual Aid Support)* – Mr. Jeremy Ash, Interim Chief Operating Officer, spoke to the Board about BPU’s participation in the state-wide and national Mutual Assistance Program through both Kansas Municipal Utilities (KMU) and American Public Power Association (APPA). After Hurricane Ian hit Florida in September 2022, their mutual assistance group was activated, along with another group from Kansas to Bartow, Florida to help restore power to the city.

Mr. Ash received a letter and proclamation from Mayor Steve Githens and the City of Bartow proclaiming November 21, 2022 as “Hurricane Ian Line Workers & Tree Trimmers Appreciation Day”.

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Mr. Ash responded to comments from the Board.

- iii. *Miscellaneous Comments:* Mr. Johnson congratulated the Board on their 2023 appointments. Mr. Johnson and Mr. Ash gave an update on the upcoming APPA Lineworkers Rodeo coming to Kansas City, KS, March 31st – April 1. He also wished Mr. Milan a happy upcoming birthday.

Item #9 – Board Comments

Ms. Gonzales thanked everyone for their presentations and wished Mr. Milan a happy birthday.

Mr. Groneman made no comments.

Mr. Haley congratulated Ms. Mulvany Henry on her appointment as Board President for 2023 and also thanked Ms. Gonzales for her role as President in 2022. He said he appreciated the evening’s presentations and thanked the citizens that came to express their concerns. He reminded all that he was available at dhaley@bpu.com and 913-544-6749 and that meetings were recorded and available on the BPU website. He also gave an update on attending the Unified Government (UG) Economic Development and Finance Standing Committee. The committee discussed the topic of event space and Lanier Project which originally had been slated to be constructed in the space of the Reardon Center. There was discussion about moving the project over to the UMB Bank parking lot across the street. It was moved to the full UG Commission. He also sent best wishes to Mr. Groneman, applauded BPU’s participation in the MLK celebration and wished Mr. Milan a happy birthday.

Mr. Milan congratulated the Board on their appointments and said there were a lot of things that needed to be done this year. He thanked Mr. Green for his presentation and explained that BPU wore two very important hats; water and electric. He also thanked the Board for another successful meeting.

Mr. Bryant also thanked Mr. Green for his presentation about the investments made to keep our community’s water reliable and safe. He thanked Mr. Ash for the work done by the BPU staff in this community and willingness to assist others.

Ms. Mulvany Henry thanked the members of the community for sharing their concerns and believed that the Board, General Manager and staff would work on trying to address them. She thanked Mr. Green for his thoughtful presentation. It was important to hear and

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understand the effort that staff put into keeping the lights on and the water clean. She wanted to make aware that the National Championship games would be going on at the same time the APPA Rodeo was being held. She wished Mr. Milan a happy birthday and also thought the Martin Luther King celebration was a very thoughtful event.

Item #10 – Adjourn

At 7:37 P.M. a motion to adjourn was made by Ms. Gonzales, seconded by Mr. Bryant and unanimously carried. (Mr. Groneman did not answer.)

ATTEST:


Secretary

APPROVED:


President

Winter Storms Overview for Water Operations

January 18, 2023

Winter Storm Hazards

- Drought Conditions
- Ice Jams / Dams
- Cold Weather Events - Main Breaks
- Extreme Cold Weather Events
- Ice Storms

Regional/ National Issues

- Drought forecast for the Missouri Basin
- Ice Jams/ Dams- City of Atchison
- Cold Weather Transmission Main Break- KCMO
- Extreme Cold - cause many cities to issue boil
- The Impact of Winter Storm Elliot

NOAA - Missouri River Basin

- Drought has expanded across the north central U.S.
- 30% region in severe drought or worse
- Record low levels on Missouri, Mississippi, & Ohio rivers
- Risk for drought continuing into the next growing season
- Deeper frost depths
- Issues with buried infrastructure and pipelines
 - Water main breaks and potential frozen water lines

Ice Jams/Ice Dams

- Pieces of floating ice
- Causes obstruction to stream flow
- Can significantly reduce flow to water intakes

Regional Issues for Missouri River

- **City of Atchison Kansas**
 - **Dec 21st** Ask residents to limit water use
 - **Dec 29th** Declares water emergency

WATCH: Biggest ice jam in decades clogging the Missouri River near Omaha



Operational Concerns with Surface Water Intake

- Low river levels
- Flooding
- Ice jams/dams
- River water temperatures
- Spring rain runoffs
 - High turbidity
- Zebra mussels



KC BPU Horizontal Collector Wells



HCW-1

- Constructed 1996
- 115 Feet deep
- 2450 feet of 12-inch screen
(14 laterals)

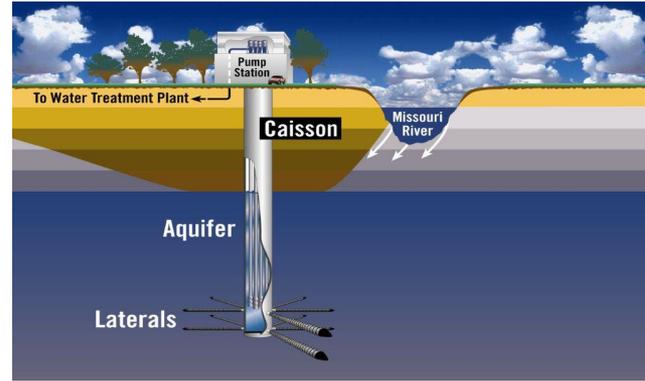


HCW-2

- Constructed 2004
- 118 Feet deep
- 2800 feet of 12-inch screen
(14 laterals)

Advantages Operating a HCW

- Collect water 80ft below the river
- No worries of **ice jams/dams**
- **Water temperatures** are more consistent
- Natural filtration



Cause of Winter Water Main Breaks

- Water main breaks are especially common in the winter, and the reason is the sudden drop in temperature.
 - Extremely cold temperatures cause cast iron water mains to become brittle. At the same time, the ground tends to expand as it freezes, putting added pressure on aging infrastructure.

Potential Risk

- Lower pressure in areas
- Icy conditions on the roadways
- Increase cost for utilities
 - Material cost
 - Labor cost
- Potential risk of injuries for workers working long hours
- Precautionary boil water advisory if pressure drops below 20 psi

Cold Weather Water Main Breaks

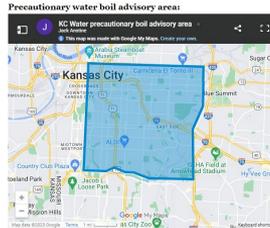
- Friday night Dec 30th KCMO Water Department has a 30-inch transmission main break causing Kansas City to go under boil advisory.



Winter Storm Elliot Regional /National Issues

30-inch water main breaks in downtown Kansas City, MO

Dec 30, 2022 — A **water main break** in the Crossroads Arts District just south of downtown **Kansas City, Missouri**, is causing disruptions to travel.



City: Recovery from water issues 'will come in stages' as Memphis thaws out

Memphis Commercial Appeal
Published 8:58 a.m. CT Dec. 27, 2022 | Updated 8:35 a.m. CT Dec. 28, 2022

City gives an update

Mayor Jim Strickland said roughly 15% of MLGW customers are without water service due to pressure issues. MLGW has about 257,500 water consumers, meaning about 38,625 consumers have either no water pressure or very low pressure.

Boil water order issued for Jackson, MS amid deep freeze

Residents in the area have been warning of water problems for years
By Hannah Sanson, CNN Wire
Monday, December 26, 2022



BOIL WATER ADVISORY

Several West Tennessee communities under boil water notice

December 27, 2022 by Tristyn Stoop
GIBSON COUNTY, Tenn. — Several West Tennessee communities are under a boil water notice.



WEATHER

Cities across the South face water issues, boil notices in wake of winter storms

 **Rachel Wegner**
Nashville Tennessean
Published 12:19 p.m. CT Dec. 27, 2022

Winter Storm Elliot - Dec 2022

- 5 days below freezing temperature
 - 9 days to recover
- Main breaks repaired - 17
- No water calls - 80
- Frozen water meter - 22
- Burst water meters - 33
- Customer burst pipes - 92
- Overtime hours
 - Crews - 334 hrs.
 - Trouble shooters - 209 hrs.

Risk Reduction with Infrastructure

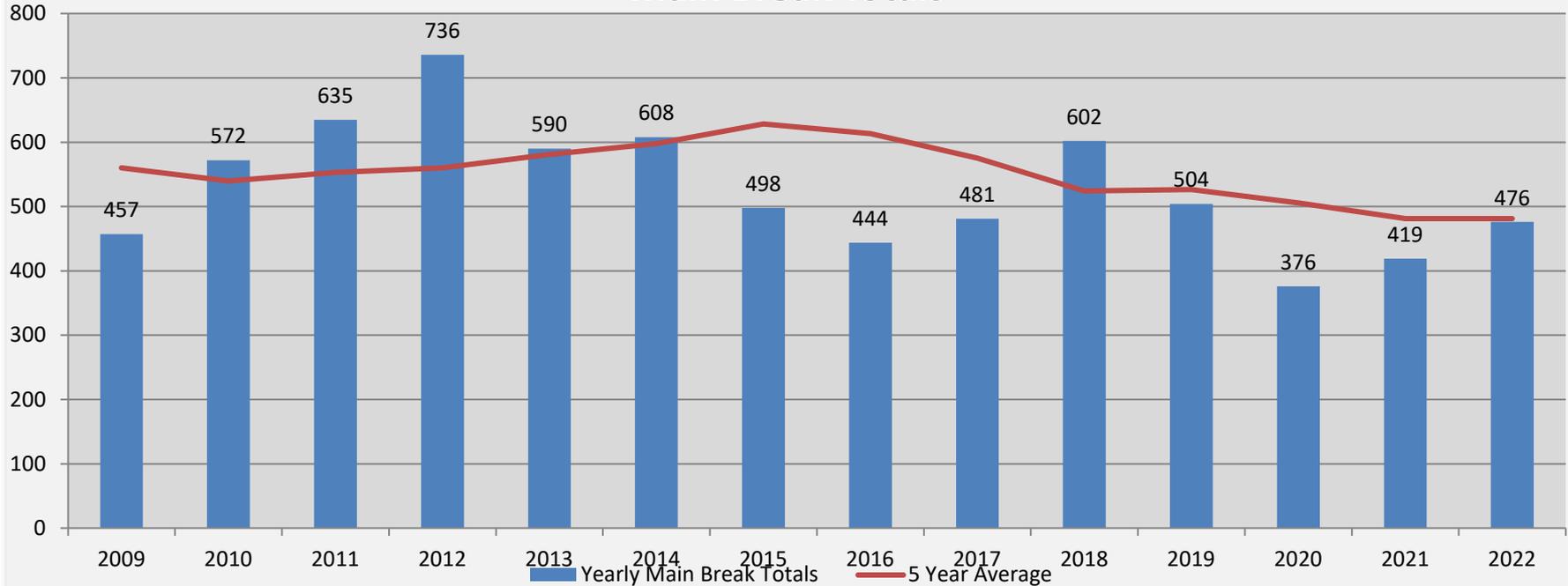
- Horizontal Collector Wells
- NWTP Process Redundancy
- Standby Electrical Generators at Milan and Argentine Pumping Stations
- Water Circulation in Elevated Tanks for Temperature Control
- Dual Electric Feeds at Critical Locations
- Future Standby Electrical Generator at NWTP
- Annual Capital Replacement Program for Aging Infrastructure

Risk Reduction with Operations

- Asset/GIS Work Order Management Program
- Dedicated Trained Staff
- Follow all Safety Rules
- Maintain a Large Stock of Materials in Warehouse
- Well Maintain Tools and Work Equipment with an Annual Fleet Replacement Program.
- Have a Contract with a Local Construction Contractor to Assist if Needed.

Water Main Break History

Main Break Totals



Thank you