

BOARD INFORMATION PACKET



**Board of Public Utilities
Kansas City, Kansas**

Regular Meeting of

February 1, 2023



**Gold Award
for
Competitiveness
Achievement**



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Board of Public Utilities
Kansas City, Kansas

BOARD AGENDA

Regular Session
February 1, 2023 – 6:00 P.M.

- I. Call to Order
- II. Roll Call
 - _____ Mary L. Gonzales, At Large, Position 1
 - _____ Tom Groneman, District 2
 - _____ David Haley, At Large, Position 2
 - _____ Robert L. Milan, Sr., District 1
 - _____ Rose Mulvany Henry, At Large, Position 3
 - _____ Jeff Bryant, District 3
- III. Approval of Agenda
- IV. Approval of the Minutes of the Regular Session of January 18, 2023
- V. Public Comments
- VI. General Manager / Staff Reports
 - i. Customer Service Update
 - ii. Chief Operating Officer Update
 - iii. Miscellaneous Comments
- VII. Board Comments
- VIII. Adjourn

Approval of Minutes
Regular Session 1-18-23
Agenda Item #IV

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:

APPROVED:

Secretary

President

Agenda Item #VII

Board Meeting of January 18, 2023

**TO: President and Members of the
Board of Public Utilities**

DATE: January 18, 2023

SUBJECT: Election of Officers

Section 3.1 of the Board Rules of Procedure states that “The Board shall elect, from its membership at the second meeting in January of each year, a President, a Vice President and shall appoint a Secretary.” Except in the case of a vacancy on the Board, four affirmative votes shall be required to elect each officer. Terms of officers shall be limited to not more than two consecutive one year terms in the same office; however, in the event no nominee receives four affirmative votes, the current office holder shall remain in office for successive one year terms until a nominee receives the requisite number of votes at the election held at the second meeting of the year.

Typically, the nominations are opened for the Office of President. More than one nomination may be received. After all nominations are received, the Board shall vote on each nomination in the order they are received. At any time, a nominee receives four affirmative votes by the remainder of the Board, the President of the Board is declared and no further votes on the remaining nominees are required. In the event that four affirmative votes are not received by any nominee, the current President would retain the office.

The newly elected President then presides over the balance of the meeting, and for the Election of Officers to fill the Office of Vice President and the appointment to fill the Office of Secretary.

Respectfully submitted,

William Johnson
General Manager

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

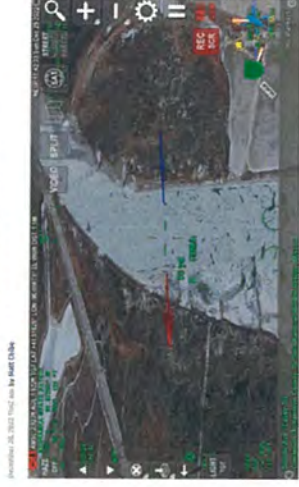
Ice Jams/Ice Dams

- 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)

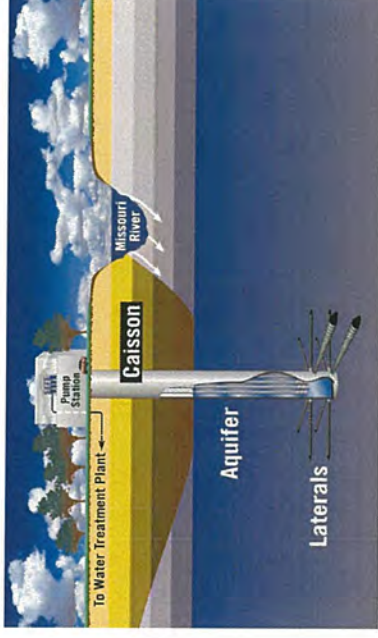


HCW-2

- 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

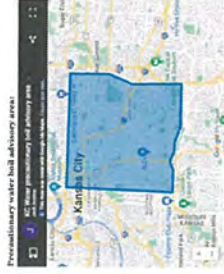
- Friday night Dec 30th KCMO Water Department has a 30-inch transmission main break causing Kansas City to go under boil advisory.



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



Boil water order issued for Jackson, MS amid deep freeze

Residents in the east have been warned of water problems for years. In recent weeks, however, residents in Jackson, MS, have been warned of a boil water order. (AP Photo/Chris Wedel)



BOIL WATER ADVISORY

Several West Tennessee communities under boil water notice

December 27, 2022 by [Katie Smith](#)
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 Wagner](#)
Nashville, Tennessee
Published 12:18 p.m. CT Dec. 27, 2022

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 8:25 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.

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.

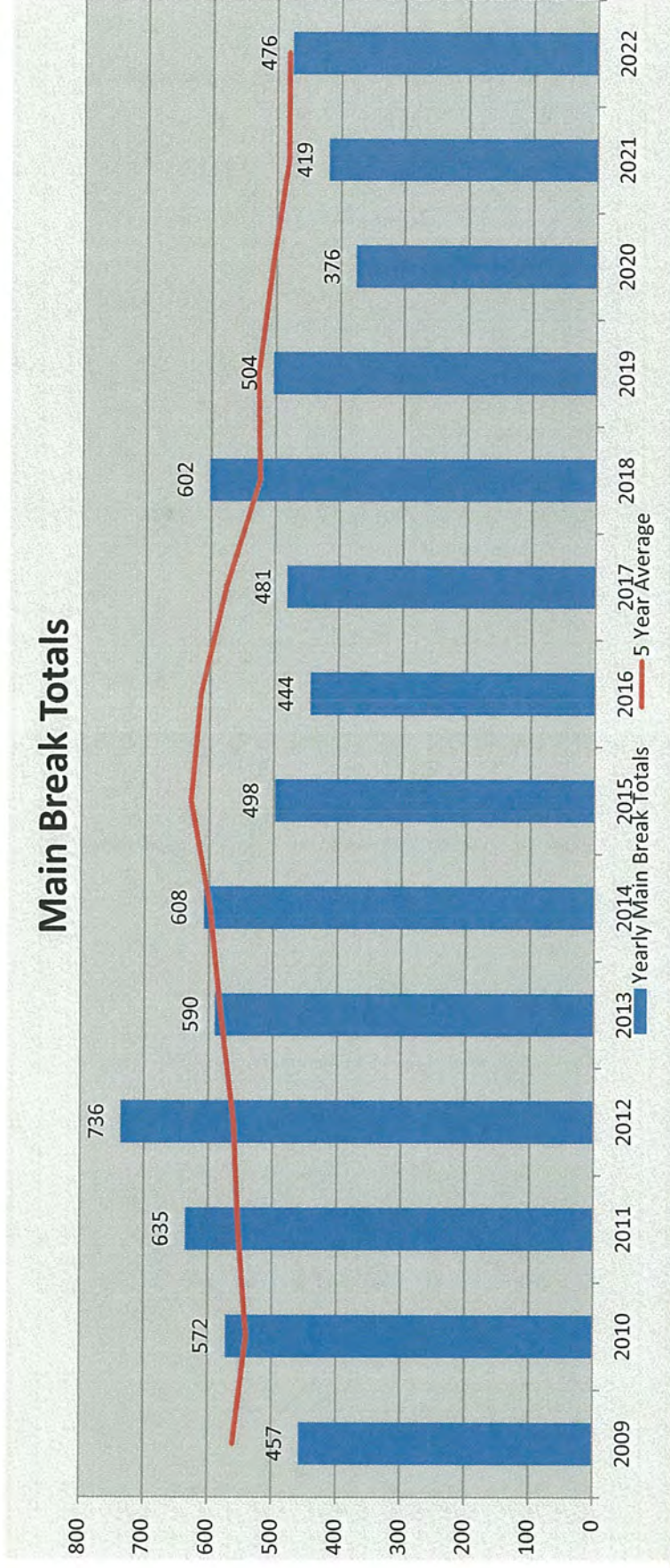
Risk Reduction with Infrastructure

- 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



Questions

Thank you





December 6, 2022

To: Utilities Providing Mutual Aid to City of Bartow During Hurricane Ian

On behalf of the city of Bartow – and the more than 12,500 homes and businesses depending on our public power utility for electric service – I want to personally thank you for all your support to our community following Hurricane Ian. As you know, Hurricane Ian was a very strong and powerful Category 4 storm that made landfall on September 28 along the southwest coast of Florida with winds around 150 mph. For the next 24+ hours, Ian continued to pummel the state with damaging winds and relentless heavy rain.

As the storm moved unbearably slow across the Florida peninsula, high winds toppled countless trees and power lines, and heavy rain brought unprecedented flooding to many areas of the state, including the City of Bartow.

At peak, Hurricane Ian left 2.7 million customers without power statewide. Nearly 10,000 Bartow customers, or about 80% of our total customers were left in the dark. With the help of 231-line workers and tree trimmers from 50 utilities across the United States, including yours, power was restored to every single Bartow customer in just four days. Considering the extensive scope of damages and sheer volume of outages, that is an amazing job that could not have been accomplished without the help of your utility. For that, we are forever grateful.

Restoring power as quickly and safely as possible following a storm or hurricane is always our primary goal. Each one of you helped make possible our quick recovery. On behalf of the entire Bartow community, words cannot express how grateful we all are for sending your crews to assist us. Please also extend our gratitude to the other employees in your utility who had to take on extra work to allow your employees to deploy. We know that mutual aid deployment can be a hardship for the families of line workers, as well. To those families, we are thankful for your sacrifice.

Please accept our sincere appreciation for helping Bartow get the lights back on and for all you do to support other fellow public power utilities.

Sincerely,

Mayor Steve Githens
City of Bartow



Proclamation

WHEREAS, every year communities like ours face emergencies from natural disasters; and

WHEREAS, on September 28, 2022, Hurricane Ian made a destructive path through the City of Bartow, leaving devastation in its tracks, and the community without electrical power; and

WHEREAS, the City of Bartow has owned and operated a non-generating municipal electric system since 1903, it covers a service territory of 115 square miles; Bartow's electrical grid must be maintained and operational 24/7/365 despite inclement weather; and

WHEREAS, electrical emergency response crews began to arrive within the first 24 hours after they received the City's request for assistance in the restoration of power; and

WHEREAS, a total of 231-line workers and tree trimmers from 50 utilities across the United States worked 14-15 hours each day to ensure quick restoration of electric energy to all of Bartow's utility customers; and

WHEREAS, the City of Bartow and its citizens wish to express their sincere appreciation and gratitude to the hardworking individuals for their recovery efforts.

NOW, THEREFORE, I, Steve Githens, as Mayor of the City of Bartow, do hereby proclaim November 21, 2022, as:

"Hurricane Ian Line Workers & Tree Trimmers Appreciation Day"

in the City of Bartow, Florida and encourage all residents and businesses to acknowledge the fast recovery efforts of the following crews:

City of Bartow Electric Utility	27 Line Workers	Town of Littleton, Massachusetts	4 Line Workers
Dalton Utilities, Dalton Georgia	10 Line Workers	Town of Groton, Massachusetts	2 Line Workers
City of Highland, Illinois	4 Line Workers	Town of Belmont, Massachusetts	2 Line Workers
Kansas City Board of Public Utilities	5 Line Workers	Town of Marblehead, Massachusetts	2 Line Workers
City of Pratt, Kansas	5 Line Workers	Town of Hingham, Massachusetts	3 Line Workers
Baldwin City, Kansas	2 Line Workers	Town of Braintree, Massachusetts	4 Line Workers
City of Alexandria, Minnesota	2 Line Workers	City of Taunton, Massachusetts	3 Line Workers
City of Austin, Minnesota	3 Line Workers	Town of Wakefield, Massachusetts	3 Line Workers
City of Anoka, Minnesota	2 Line Workers	City of Peabody, Massachusetts	2 Line Workers
City of Brainerd, Minnesota	2 Line Workers	Town of Reading, Massachusetts	2 Line Workers
City of Buffalo, Minnesota	2 Line Workers	Town of Danvers, Massachusetts	2 Line Workers
City of Elk River, Minnesota	2 Line Workers	City of Holyoke, Massachusetts	3 Line Workers
City of Marshall, Minnesota	3 Line Workers	City of Chicopee, Massachusetts	2 Line Workers
Missouri River Energy Services	2 Line Workers	Town of Sterling, Massachusetts	2 Line Workers
City of Moorhead, Minnesota	4 Line Workers	Town of Holden, Massachusetts	2 Line Workers
City of New Ulm, Minnesota	3 Line Workers	Town of West Boylston, Massachusetts	2 Line Workers
City of Owatonna, Minnesota	3 Line Workers	Town of Mansfield, Massachusetts	1 Line Workers
City of Rochester, Minnesota	6 Line Workers	Town of Norwood, Massachusetts	2 Line Workers
City of Shakopee, Minnesota	2 Line Workers	Town of Wellesley, Massachusetts	2 Line Workers
City of Wilmar, Minnesota	2 Line Workers	Town of Wallingford, Connecticut	2 Line Workers
Minnesota Municipal Utilities Assoc.	2 Line Workers	City of Gainesville, Florida	12 Line Workers
Town of Middleton, Massachusetts	3 Line Workers	City of Austin, Texas	17 Line Workers
Town of Groveland, Massachusetts	2 Line Workers	The Davey Tree Expert Company	38 Trimmers
Town of Rowley, Massachusetts	2 Line Workers	Osmose Utilities Services Inc.	13 Assessors
Town of Merrimac, Massachusetts	2 Line Workers	Florida Municipal Power Agency (FMPA)	2 Assessors

DATED at Bartow, Polk County, Florida, this 21st day of November, 2022.

ATTEST WITH SEAL:

By: 
Asst. City Clerk Donna Donaldson

CITY OF BARTOW

By: 
Mayor Steve Githens

