

REGULAR SESSION –TUESDAY, JUNE 18, 2024

STATE OF KANSAS)
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CITY OF KANSAS CITY)

The Board of Public Utilities of Kansas City, Kansas (aka BPU, We, Us, Our) met in Regular Session on Tuesday, June 18, 2024 at 6:00 PM. The following Board Members were present: Thomas Groneman, President, Stevie A. Wakes Sr., Secretary; Mary Gonzales, Rose Mulvany Henry, and Brett Parker. David Haley, Vice President; attended via Zoom.

Also present: William Johnson, General Manager; Angela Lawson, Acting Chief Counsel; Jeremy Ash, Chief Operating Officer; Lori Austin, Chief Financial Officer; Jerry Sullivan, Chief Information Officer; Johnetta Hinson, Executive Director Customer Service; Steve Green, Executive Director Water Operations; Jerin Purtee, Executive Director Electric Supply; Andrew Ferris, Director Financial Planning; Dennis Dumovich, Director of Human Resources; Douglas Bowen, Director Electric Production Operations/Maintenance; Steve Hargis, Supervisor Water Operations; Kelly Bobki, Supervisor GIS – Water; Phillip Brown, Senior Civil Engineer; Nicholas Moreno, Communications Coordinator; 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.

Mr. Groneman called the Board meeting to order at 6:00 PM. He welcomed all that were listening to or viewing the meeting. He informed all that the meeting was being recorded including video and audio. During the visitor comments section, those who attended in person, wishing to speak, should use the sign-up sheet at the entry and provide their name and address. In addition, there would be a public comments section after the General Manager/Staff Reports. During this section, the public could comment on the items presented in the General Manager/Staff Reports section that evening. Both visitor and public comments were limited to three minutes and should be addressed to the Board. 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 visitor and public comment sections. No confidential information should be shared, including, account information. Staff would not provide individual account information during an open meeting. As always, the public could also email or call the BPU with any concerns. He informed all participants to act respectfully to each other; personal attacks or accusations would not be tolerated. All concerns would be directed to the Board only, they would then determine staff involvement. If side discussion was necessary, it was to be conducted outside of the Board room to avoid interfering with presenters or other attendees. If any rules are breached during this meeting, the attendee was subject to removal.

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Mr. Groneman introduced himself 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 Ms. Mulvany Henry, seconded by Mr. Wakes, and unanimously carried.

Item #4– Approval of the Minutes of the Regular Session of June 5, 2024:

A motion was made to approve the minutes of the Regular Session of June 5, 2024, by Ms. Gonzales, seconded by Mr. Parker, and unanimously carried.

Item #5– Visitors Comments

There were no visitors wishing to speak.

Item #6– General Manager / Staff Reports

- i. *Update on Bids for Quindaro & Kaw Sites:* Mr. Jeremy Ash, Chief Operating Officer, gave the Board an update on the Request for Proposal (RFP) process for the Quindaro and Kaw sites. (See attached PowerPoint.)

Mr. Ash, Mr. Johnson and Ms. Angela Lawson, Acting Chief Counsel, responded to questions and comments from the Board.

- ii. *GIS Project Update:* Mr. Jerry Sullivan, Chief Information Officer, introduced the Geographical Information System (GIS) Utility Network (UN) project and explained how mapping would be integrated with current BPU applications to enhance them with spatial capabilities. Mr. Scott Malone, Enterprise Architect, provided detailed information on how the UN project would be a benefit utility wide and improve customers experience. Mr. Sullivan shared the timeline for completion of the UN project. (See attached PowerPoint.)
- iii. *Miscellaneous Comments:* Mr. Johnson asked the Board to communicate their availability to schedule future committee meetings.

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He asked the Board how they wished to proceed with the General Manager search. After discussion, the Board decided to move forward with the Request For Proposal (RFP) process and that any interested firm should be pointed to DemandStar to submit their bid.

Item #7– Public Comments on Agenda Items

Mr. Johnson asked if there were any visitors who wished to address the Board on the agenda items presented.

Mr. Ty Gorman, 2843 Parkwood Blvd., commented on the Integrated Resource Plan (IRP) process.

Mr. Ken Snyder, Rose Hill subdivision, expressed his thoughts on the General Manager search.

Item #8– Board Comments

Ms. Mulvany Henry said she was impressed with the GIS presentation and the collaboration between the staff to complete the project.

Ms. Gonzales thanked Mr. Sullivan for his presentation for recognizing the efforts of the entire team.

Mr. Parker echoed previous comments and thanked the public for their input on the IRP process and encouraged others to share their comments.

Mr. Wakes thanked staff for their presentations and expressed appreciation for the opportunity to travel to the American Public Power Association (APPA) National Conference.

Mr. Haley was not connected via Zoom during the comments section.

Mr. Groneman echoed comments regarding the presentations from staff and Black & Veatch.

Item 9 – Adjourn

At 7:13 PM a motion to adjourn was made by Ms. Mulvany Henry, seconded by Mr. Parker, and unanimously carried.

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ATTEST:



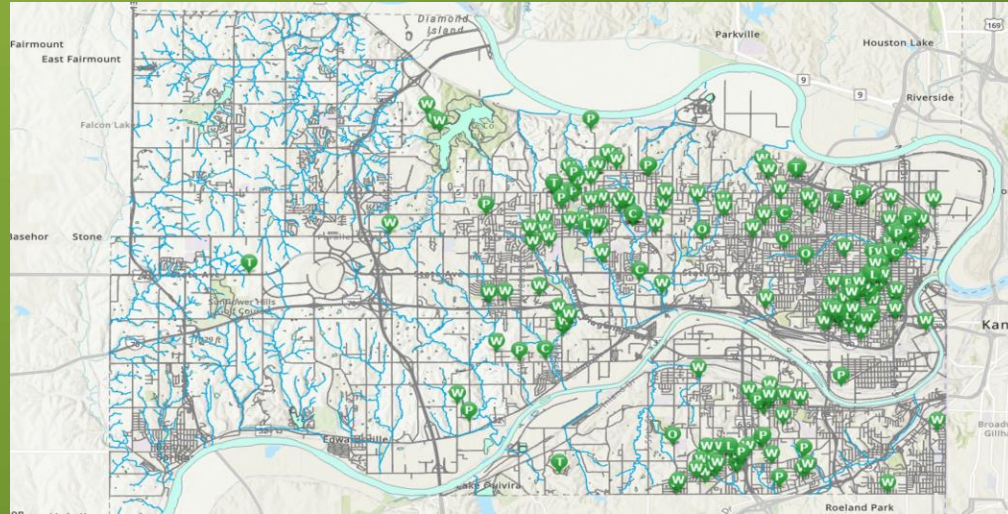
Secretary

APPROVED:



President

Geographical Information System "Utility Network" Project Update

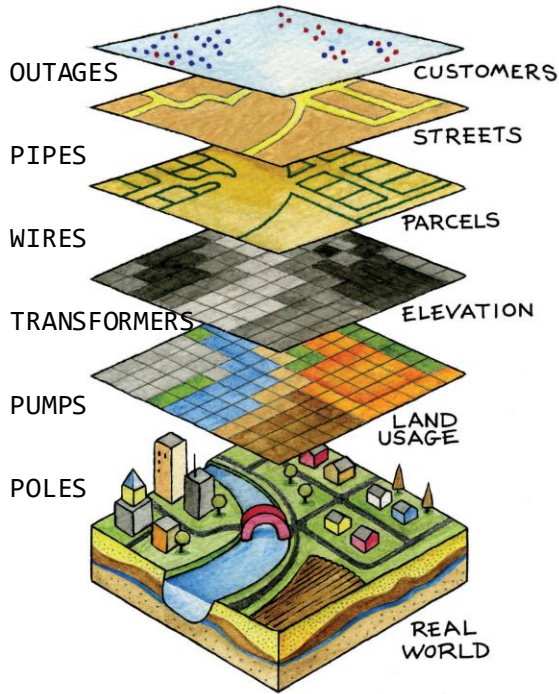


June 18, 2024

GIS Utility Network Project Discussion Topics

GIS Utility Network

- What is GIS and what is the GIS Utility Network (UN) Project?
- Is this a major project, where has it been used before, and who will use it at BPU?
- How is BPU benefitting from this system?
- Project Team & Status



What is Geographic Information Systems (GIS)?

GIS is a company-wide platform that helps users manage and share spatial data for business tasks like creating, editing, viewing, analyzing, and distributing data.

It will integrate with other BPU software, enhancing them with spatial capabilities.

The key is having the product work seamlessly with other applications, integrate the systems, and have accurate data.

What is the GIS Utility Network?



OUTAGES

PIPES

WIRES

TRANSFORMERS

PUMPS

POLES

And many others

The Utility Network is a major step forward in GIS

The GIS Utility Network, or UN for short, is a connectivity-based model that creates a "digital twin" of complex infrastructure networks. A digital twin is a real-time display of the connectivity of BPU's water and electric systems.

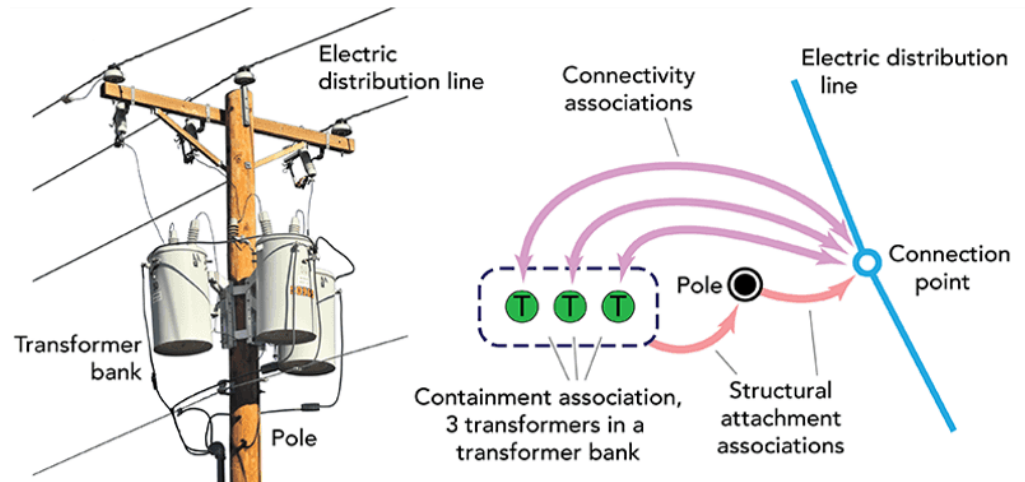
The Utility Network allows us to capture and represent data at a greater level of detail than previous GIS systems.

The Utility Network has rules-based editing ensuring accurate data for network analysis.

Benefits of The Utility Network

Detailed Network Modeling

- Accurately represents physical components and their Relationships
- Supports complex connectivity and flow models
- Represent dense areas of our networks without clutter
- Network detail capable of moving GIS beyond a tool for operations support into Engineering workflows for analysis and design



UN "connects" assets (wires, poles, and transformers) in our distribution system

Benefits of The Utility Network cont'd

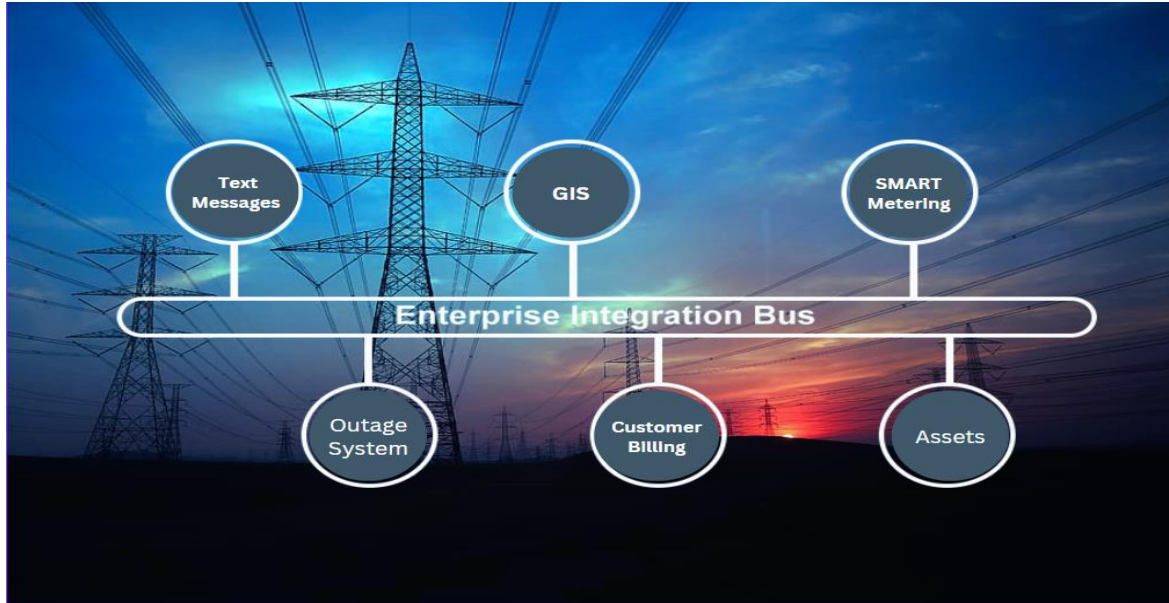
GIS UN is more than a mapping system

- It is an advanced geographic information system designed to model, manage, and analyze complex utility asset networks
- *Fantastic*, detailed interactive maps and visualizations
- Supports 2D and 3D views
- REAL-time integration
- REAL-time monitoring of network performance and incidents



UN provides tools to improve maintenance and emergency response as well as designs for new development

We are integrating major BPU systems to GIS UN



Critical BPU Systems are being integrated with other BPU Systems at a rapid pace

Utility Assets for both Water and Electric in the palm of your hands and available across BPU's critical systems

Pipes, wires, transformers, pumps, valves will not only be on a map, but the system will know how assets are connected

We've talked about electric, water, and system integration, but how will customer service benefit?



Customer Service Benefits

Customer Service Enhancement

- Integrates with Cayenta CIS to improved service reliability and satisfaction
- Supports better communication with customers regarding:
 - Outages
 - Maintenance schedules
 - Service availability



Improved data accuracy leads to improved outage response equaling improved customer satisfaction

Utility Network Project Team

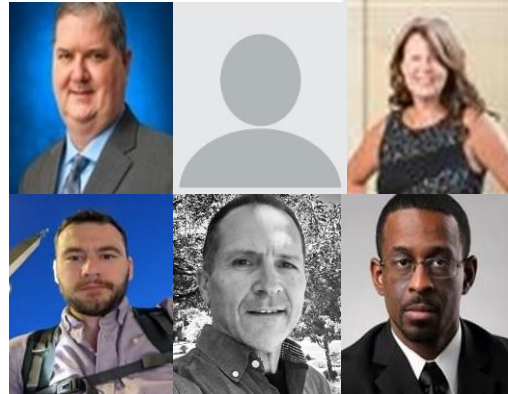
IT GIS Team

Sponsor: Jerry Sullivan
 Director: Dustin Miller
 PM: Rob Kamp
 GIS Analyst: Robert Karl
 GIS Analyst: Tania Taylor
 Architect: Scott Malone



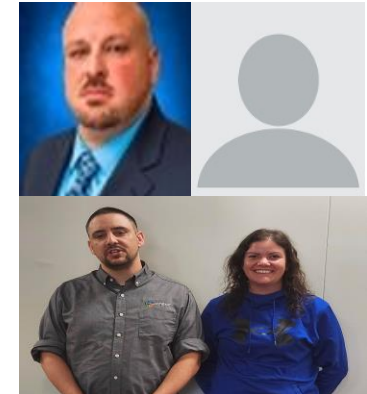
Water GIS Team

Exe. Dir: Steve Green
 Director: Chris Stewart
 GIS Supervisor: Kelly Bobki
 GIS Analyst: Elijah Logan
 GIS Analyst: Gerry Shisler
 Civil Engineer: Phillip Brown

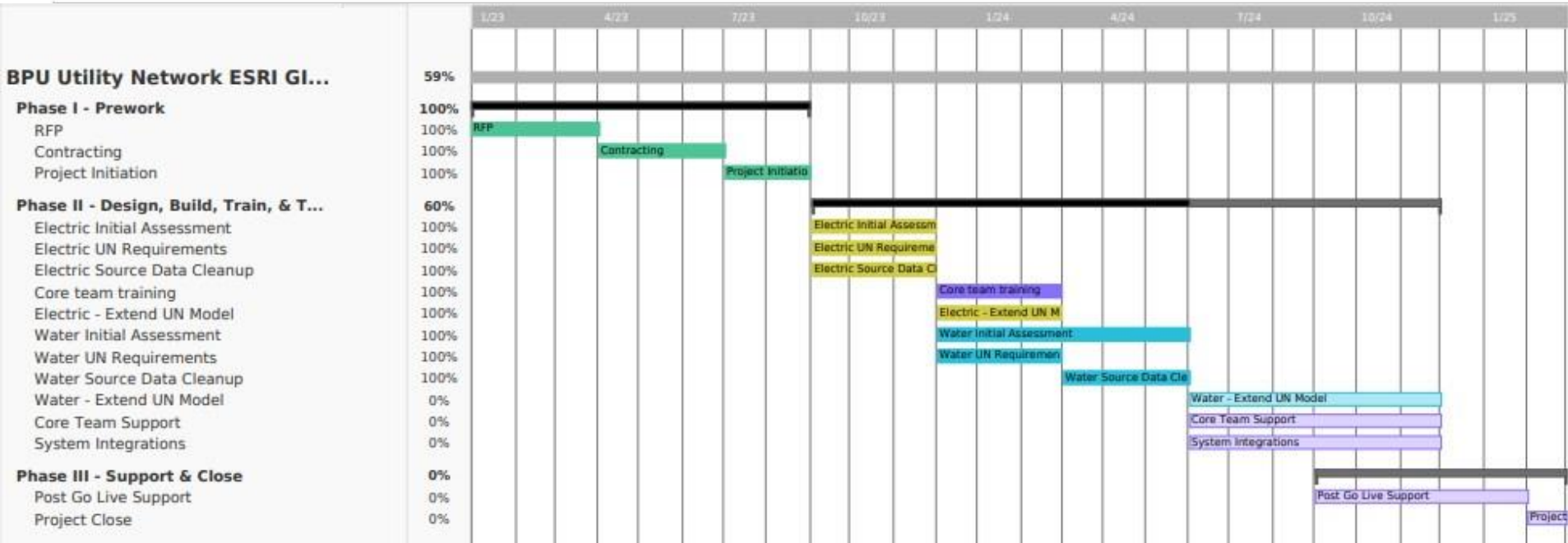


Electric GIS Team

Exe. Dir: Darrin McNew
 Director: Pat Morrill
 GIS Analyst: Bryce Barth
 GIS Analyst: Meghan O'Brien



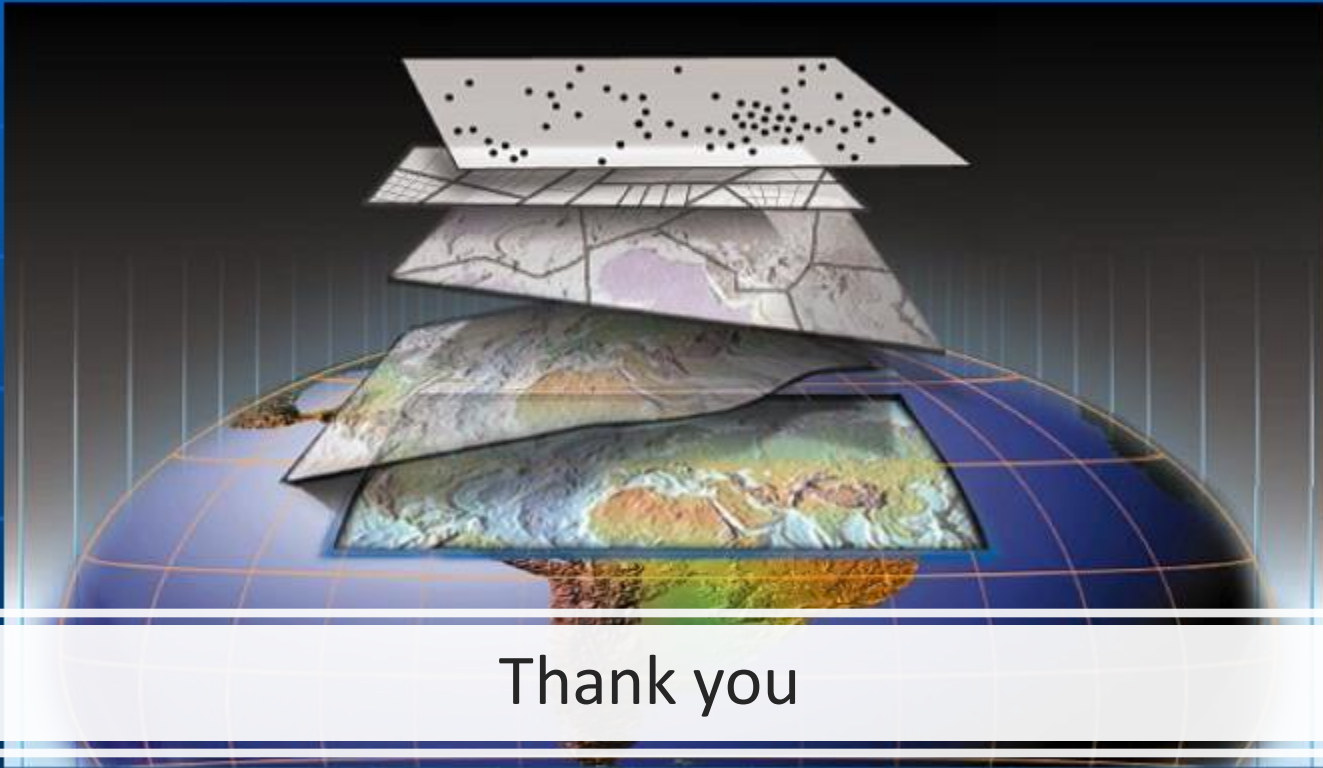
Utility Network Timeline



Project Number: 103011

Status: **On Track**

↑
We are here



Thank you