

BOARD INFORMATION PACKET



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

Regular Meeting of

July 3, 2024



Table of Contents

July 3, 2024

Agenda Item #III.....	Approval of Agenda
Agenda Item #IV.....	Approval of the Minutes of the Work Session of June 18, 2024
Agenda Item #V.....	Approval of the Minutes of the Regular Session of June 18, 2024
Agenda Item #VIII.....	General Manager/Staff Reports

Regular Session

July 3, 2024 – 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
 - _____ Stevie A. Wakes, Sr., District 1
 - _____ Rose Mulvany Henry, At Large, Position 3
 - _____ Brett Parker, District 3
- III. Approval of Agenda
- IV. Approval of the Minutes of the Work Session of June 18, 2024
- V. Approval of the Minutes of the Regular Session of June 18, 2024
- VI. Visitor Comments
- VII. Legislative Update – Kimberly Svaty
- VIII. General Manager / Staff Reports
 - i. May 2024 Financials
 - ii. Electric Project Update
 - iii. Miscellaneous Comments
- IX. Public Comments on Agenda Items
- X. Board Comments
- XI. Adjourn

WORK SESSION MINUTES – TUESDAY, JUNE 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 Work Session on Tuesday, June 18, 2024 at 4:00 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; Andrew Ferris, Director Financial Planning; Ingrid Setzler, Director Environmental Services; Douglas Bowen, Director Electric Production Operations/Maintenance; Dennis Dumovich, Director of Human Resources; 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 meeting to order at 4:00 PM.

Roll call was taken. All members were present, except for Mr. Haley, who arrived via Zoom at 5:11 PM.

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 –Board Update/GM Update

Ms. Mulvany Henry commented that the May 20th Unified Government (UG)/BPU bill separation task force meeting did not occur.

Mr. Groneman said he was waiting to hear back regarding the letter he sent requesting a joint meeting with the BPU Board and UG Commission.

Item #5 – IRP Objectives – Black & Veatch

Ms. Rachelle Johnson, Managing Consultant, and Mr. Chuck Poston, Energy Market Modeling Consultant, Black & Veatch, presented an overview of the Integrated Resource Plan (IRP) planning process and objectives. The goal of the IRP was to determine how BPU could

WORK SESSION MINUTES – TUESDAY, JUNE 18, 2023

STATE OF KANSAS)
) SS
CITY OF KANSAS CITY)

best serve its customers’ electricity needs over the next 20 years. BPU was required to file an IRP every five years with the Western Area Power Administration (WAPA), an Agency of the U.S. Department of Energy. (See attached PowerPoint.) Items presented and discussed included;

- The methodology for forecasting the amount of electricity BPU customers would need both annually and the highest demand needed at any one time.
- Current BPU resources, which included resources owned and operated by BPU, Purchase Power Agreements (PPA), and market energy purchases.
- Environmental considerations, such as new rules finalized by the Environmental Protection Agency (EPA) relating to power plant carbon emissions.
- An overview of the scenarios created by the BPU IRP team, in partnership with Black & Veatch, to assess a range of market drivers, environmental strategies, new and existing resources, and sustainability targets.
- Public comments may be submitted by email to: IRP@BPU.com. All comments due on or before August 7th.
- A layout of the project timeline was presented with the final IRP action plan being presented to the Board on August 21st for approval.

Ms. Johnson, Mr. Poston, Mr. Johnson, Mr. Ferris, and Ms. Lawson responded to questions and comments from the Board.

Item #6 – Adjourn

A motion was made to adjourn the Work Session at 5:44 PM by Ms. Mulvany Henry, seconded by Mr. Parker and unanimously carried.

ATTEST:

APPROVED:

Secretary

President

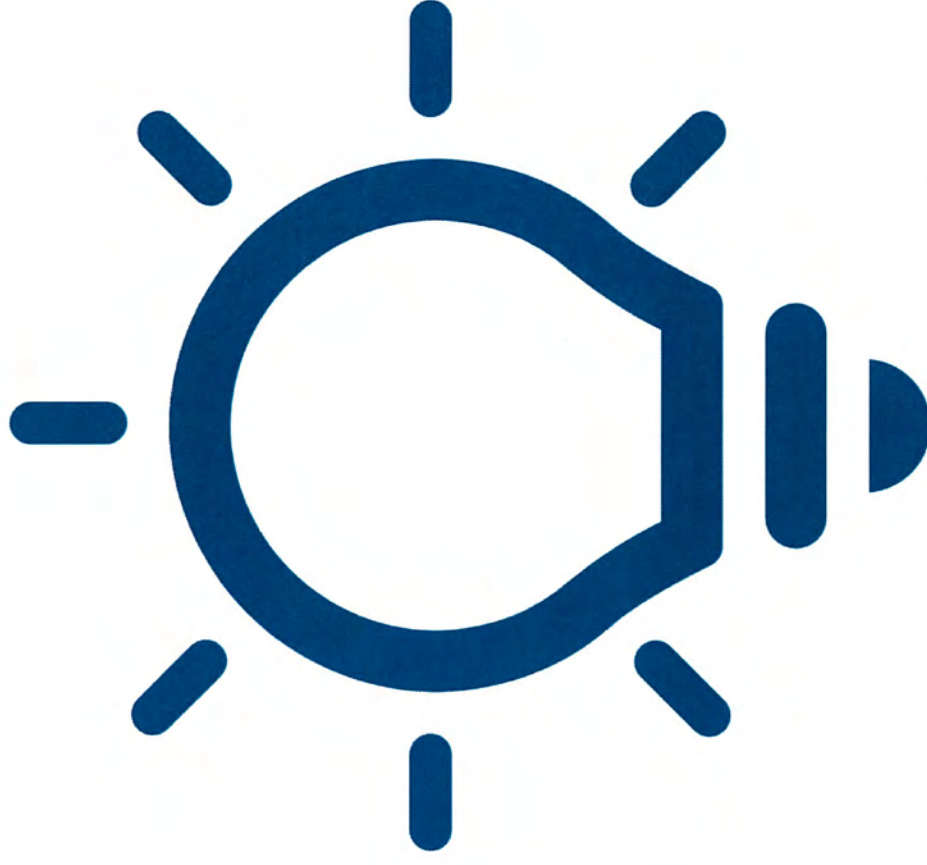
2024 Integrated Resource Plan

Kansas City Board of Public Utilities

June 20, 2024

Agenda

- IRP Scope and Objectives
- Assessment of Need
- Analytical Framework
- Key Input Assumptions
- Next Steps

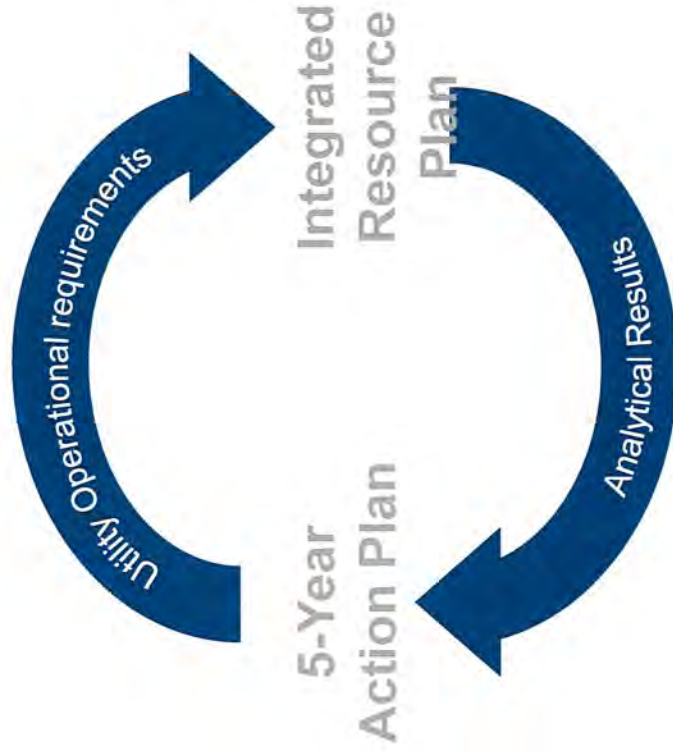


IRP Scope and Objectives

What is an Integrated Resource Plan (IRP)?

- An IRP is a study that looks at how Kansas City Board of Public Utilities (BPU) can reliably, affordably, and sustainably serve its customers' electricity needs over the next 20 years.
 - BPU is required to file an IRP with the Western Area Power Administration (WAPA), an Agency of the U.S. Department of Energy, every five years.
- The study develops multiple portfolios of resources and the associated costs to serve customers.
- Portfolios are developed through modeling that considers different inputs and assumptions (e.g., projected customer demand, existing generation, projected costs of resource options, fuel costs).
- BPU IRP Team, in partnership with Black & Veatch, developed ten scenarios to test and evaluate:
 - A range of market drivers,
 - Environmental strategies on existing resources,
 - Sustainability targets, and
 - New resource alternatives.
- Modeling software (PLEXOS) produces a portfolio for each scenario.
- Total supply cost analysis is conducted to produce 20-year projected costs to serve customers

Integrated Resource Planning Process



- BPU's IRP process enables the company to take the necessary steps today (i.e., the action plan) to continue to enhance reliability and affordability, while addressing environmental compliance and risk for its customers.
- An effective IRP process requires balancing many different value and cost drivers in developing a long-term resource strategy, including:
 - Flexibility requirements of the region,
 - Aging infrastructure,
 - Broader market drivers
 - SPP resource adequacy requirements, and
 - Environmental compliance risk.

2019 Versus 2024 BPU IRP

2019 BPU IRP

- Planning Period – 15 years (2019 – 2033)
- BPU would continue to meet future customer needs with its existing generation resources
- Recognized that future market dynamics could fluctuate, and that energy policies and regulatory requirements were evolving
- As a result, BPU stated that it would continue to monitor market changes to determine the possible impacts on its system.

2024 BPU IRP

- Planning Period - 20 years (2024 – 2043)
- BPU is expecting to have a capacity need within the planning horizon
 - Existing purchased power agreements are set to expire
 - SPP reduced accreditation of firm capacity of existing resources
 - SPP increased the required planning reserve margin
 - Newly announced environmental requirements could have a material impact on future system operation
- IRP is anticipated to inform actions to be taken by BPU to support long-term capacity and energy needs.

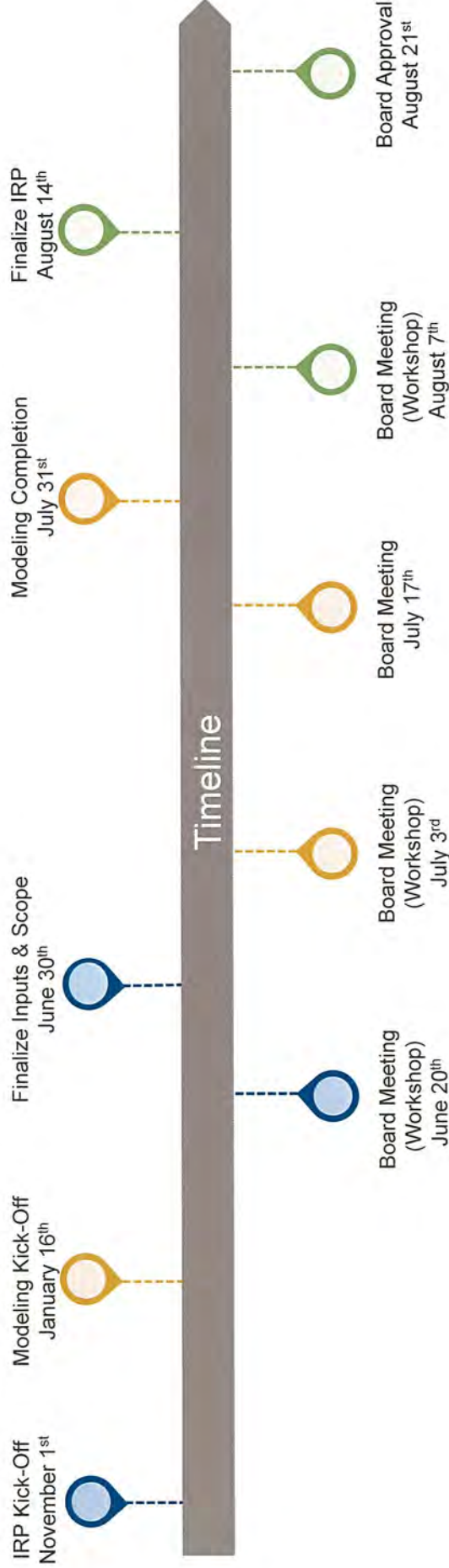
IRP Project Schedule



Input Development
 Develop inputs for load, reserve requirements, new and existing resources, and the broader market.

Modeling
 Using PLEXOS and Excel-based models, complete capacity expansion, production cost, and total supply cost modeling.

Finalize IRP and Action Plan
 Based on evaluation, determine near-term action plan, finalize report, and seek approval from the Board.



Planning Objectives

The IRP is scoped to evaluate various resource portfolios and their ability to balance BPU's long-term planning objectives:

System Reliability

The ability to meet customer power needs through adequate amount of energy, capacity, and flexibility

Minimize Rate Impacts

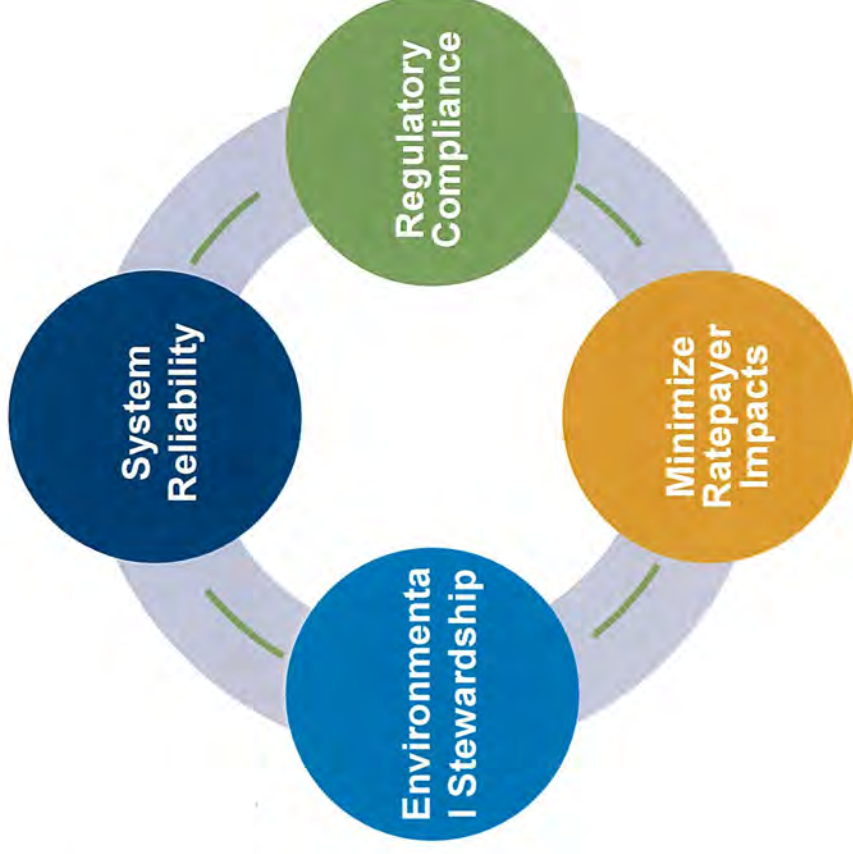
Actions that support low rates for customers

Environmental Stewardship

A resource portfolio that accounts for local and national emission requirements and customer-driven sustainability and environmental goals

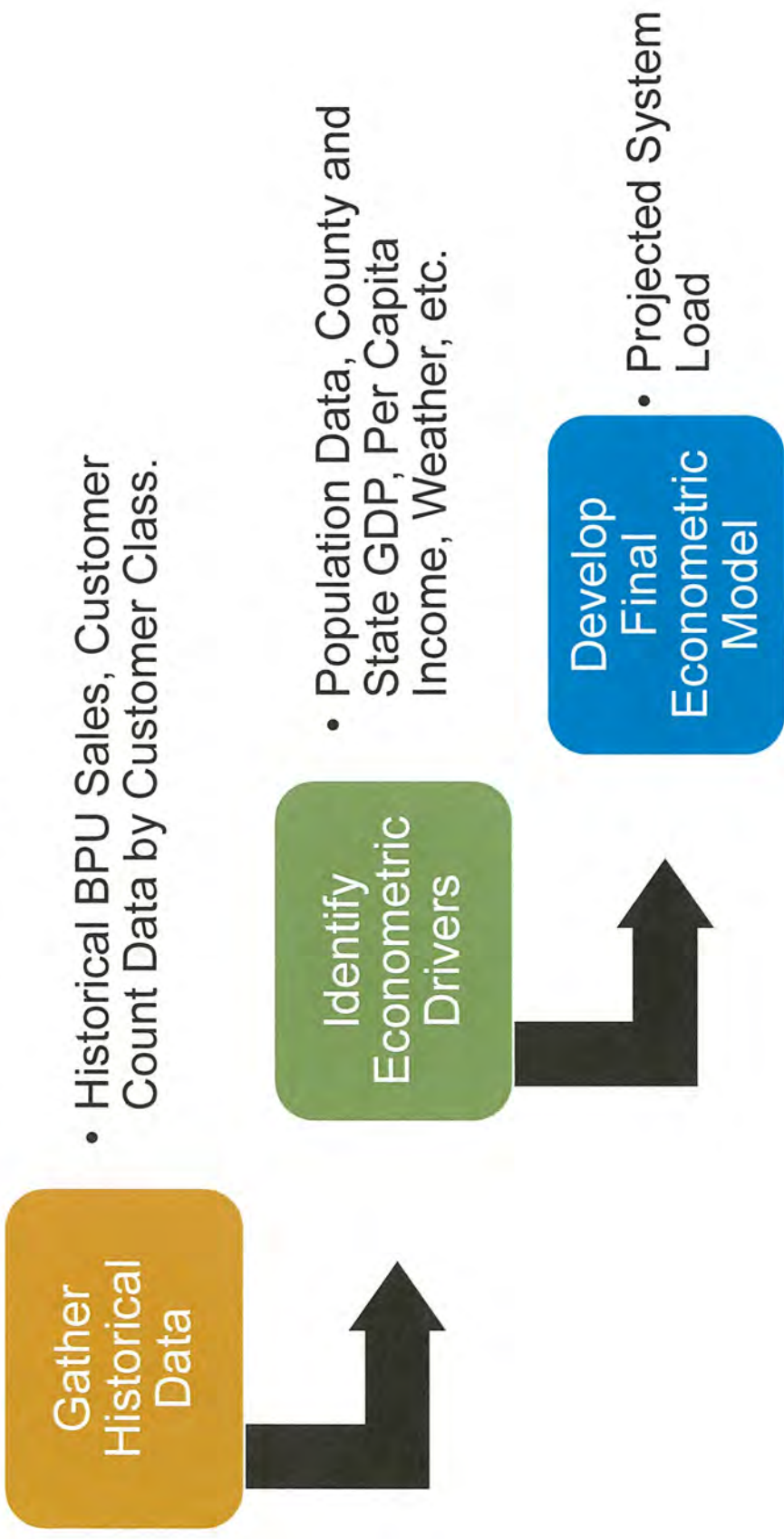
Regulatory Compliance

Long-term plans that address regulatory and SPP requirements

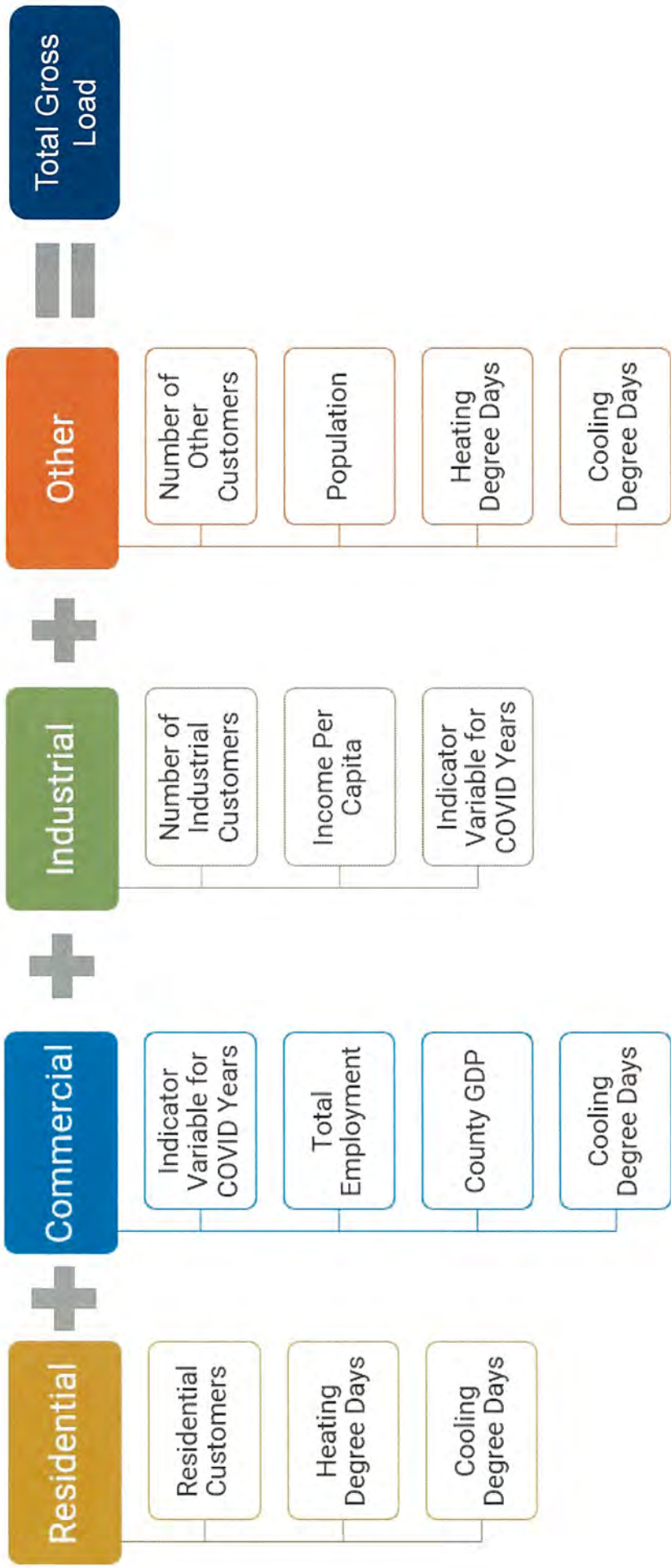


Assessment of Need

Load Forecast Methodology

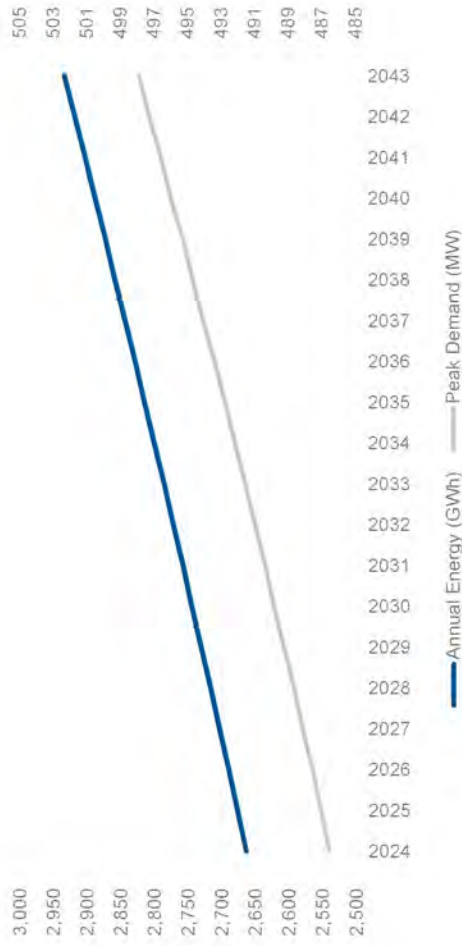


Load Forecast Methodology



Load Forecast (Base Case)

The needs of BPU's electric customers are expected to experience modest growth over the planning horizon.



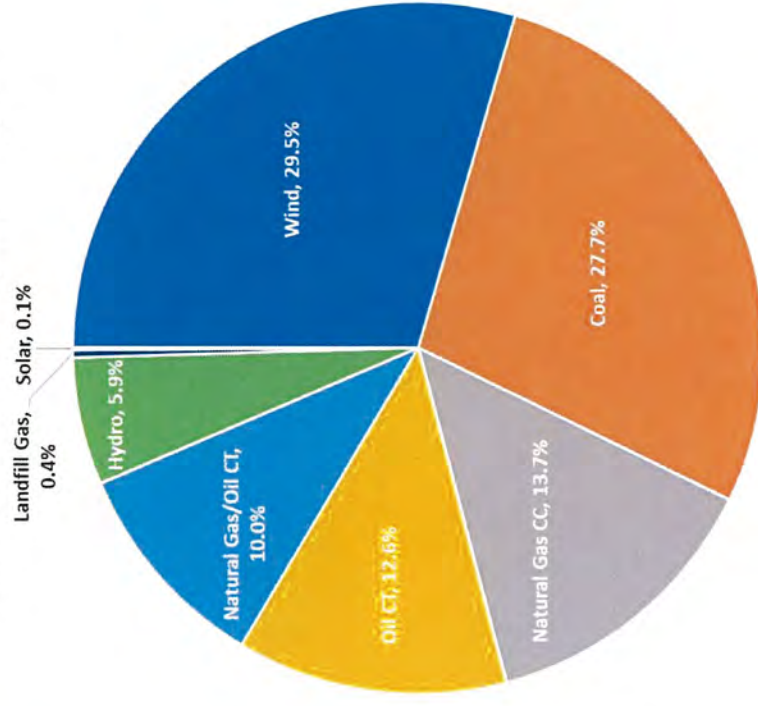
Year	Annual Energy (GWh)	Peak Demand (MW)
2024	2,664	486.6
2025	2,677	487.1
2026	2,690	487.6
2027	2,704	488.2
2028	2,717	488.7
2029	2,731	489.3
2030	2,745	489.9
2031	2,758	490.4
2032	2,772	491.0
2033	2,786	491.6
2034	2,801	492.2
2035	2,815	492.8
2036	2,829	493.4
2037	2,844	494.1
2038	2,859	494.7
2039	2,873	495.3
2040	2,888	496.0
2041	2,903	496.6
2042	2,918	497.3
2043	2,934	497.9
Total Change	270	11

Current BPU Resources

BPU meets its load through generation from its owned resources, from purchased power contracts, and from market energy purchases.

Resource Name	Technology	Modeled Capacity [MW]	Structure
Nearman Creek 1	Coal	235	Owner/Operator
Nearman Creek 4	Natural Gas/Oil CT	85	Owner/Operator
Dogwood Energy Center	Natural Gas CC	116	Part Owner
Quindaro 2	Oil CT	52	Owner/Operator
Quindaro 3	Oil CT	55	Owner/Operator
Oak Grove	Landfill Gas	3	PPA
Southwestern Power Administration (SWPA)	Hydro	38.6	PPA
Western Area Power Administration (WAPA)	Hydro	4.8	PPA
Bowersock	Hydro	7	PPA
Smoky Hills	Wind	25	PPA
Alexander	Wind	25	PPA
Cimarron Bend	Wind	200	PPA
BPU Community Solar	Solar	1	PPA

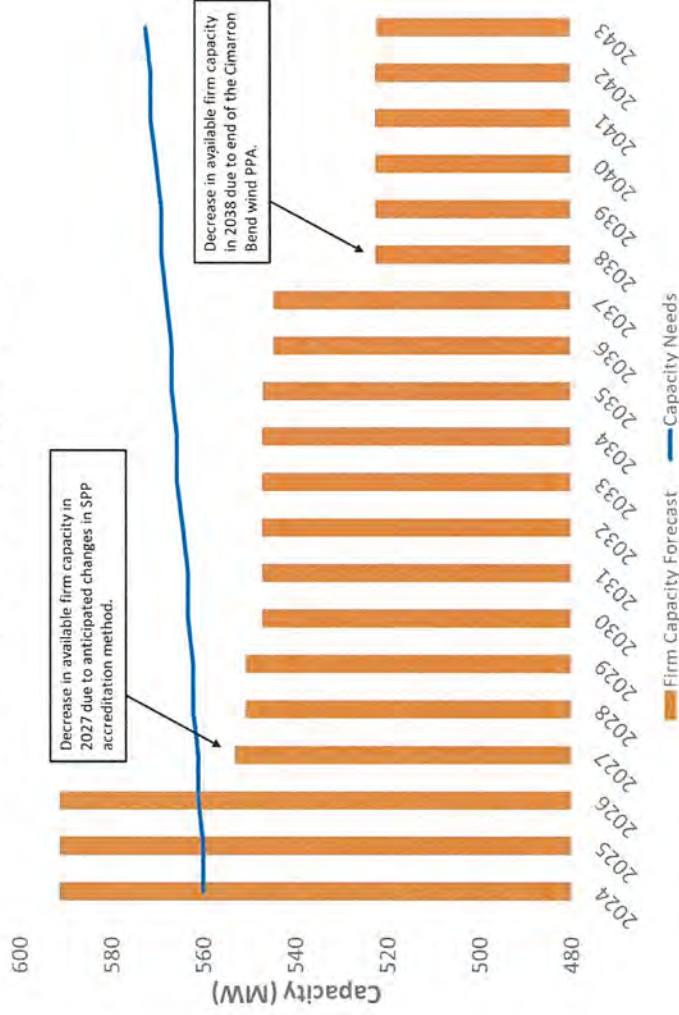
Existing Capacity by Fuel Type



Long Term Capacity Needs (Base Case)

As changes in the markets occur and power plants retire or purchased power agreements expire, there will be a need for new energy resources to meet customer demand.

Current Firm Capacity Forecast



- BPU must meet projected peak customer demands plus a planning reserve margin (currently 15%), dictated by SPP
- Starting in 2027, BPU is forecasted to have a small capacity shortfall
- Capacity need is driven by:
 - Small amount of load growth
 - Change in capacity accreditation by SPP
 - Contract Expirations

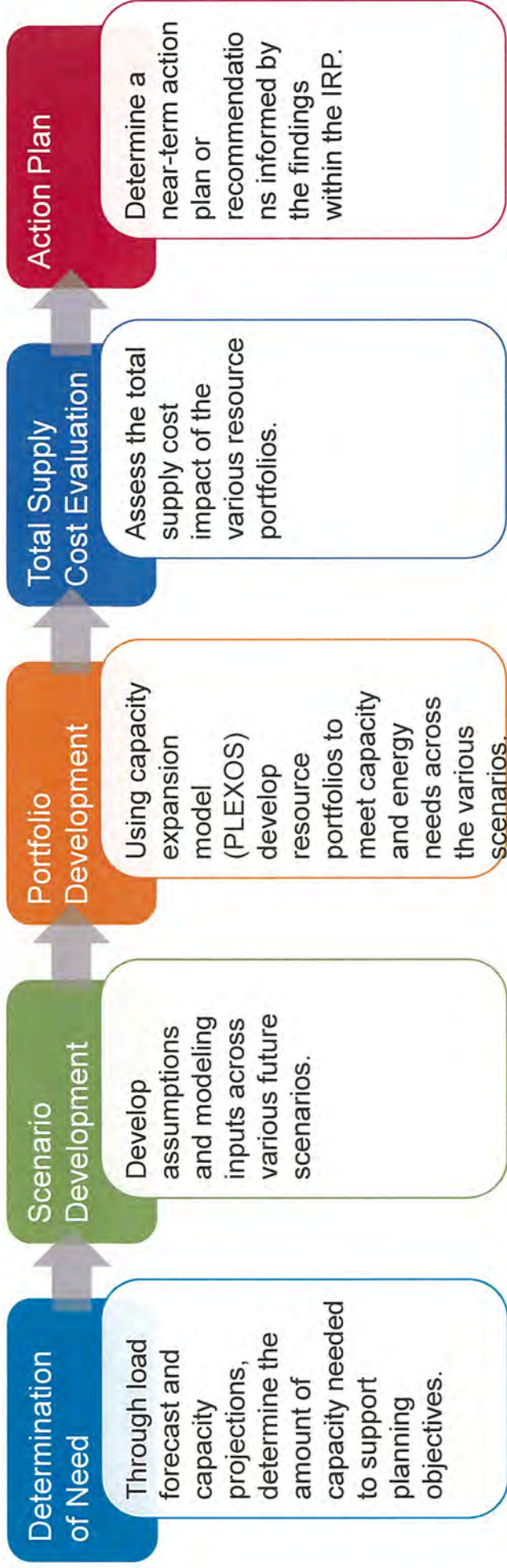
Environmental Considerations

- In April 2024, the US Environmental Protection Agency (EPA) finalized new rules relating to power plant carbon emissions, potentially impacting the future operation of existing coal-fired power plants, natural gas and oil-fired generating units, and new and reconstructed gas-fired combustion turbines.
- New gas-fired base load combustion turbines (>40% capacity factor) phase one requires best maintenance practices with combined cycle generation through December 2031 and phase two requires 90% carbon capture storage or co-firing hydrogen, with a compliance deadline of January 1, 2032.
- Existing coal plants that plan to operate on or past January 1, 2039 need to meet a 90% capture of CO2 emissions, (an 88.4% reduction in the unit's emission rate) by January 1, 2032.
- Existing coal plants that plan to operate on or past January 1, 2032 but retire before January 1, 2039 will need to make provisions to co-fire 40% natural gas by January 1, 2030.
- Existing coal plants that plan to retire prior to January 1, 2032 and commit to do so under the state plans submitted to the EPA are exempt from the new rule and will not have to make any modifications to control carbon emissions.
- This IRP explores opportunities to reduce emissions at BPU's only coal facility, Nearman Creek 1.

Analytical Framework

Analytical Framework

There are four phases to the IRP analysis that ultimately provides insights into BPU's strategy and near-term action plan to address its long-term resource needs.



This presentation mainly addresses the first two phases (Determination of Need and Scenario Development) of this process.

Planning Scenarios

- The IRP will rely on ten scenarios to assess a variety of portfolio options and market drivers to understand the impact of those potential scenarios and associated portfolios have on the BPU system.
- Scenario 1 is considered the “Base Case” and assumes operations consistent with the status quo.
- Scenarios 2 through 4 assess the future disposition of Nearman Creek 1 in response to environmental regulation risk.

Scenario 1 Base Case

All existing thermal resources continue to operate without changes to fuel or emissions controls.

SWPA and WAPA hydro agreements continue through planning period.

All other purchased power agreements expire at the end of the existing term.

Scenario 2 Co-Firing of Natural Gas at Nearman Creek 1

Base Case with one modification:

Nearman Creek 1 begins co-firing with 40% natural gas on January 1, 2030 and permanently cease operations before January 1, 2039.

Scenario 3 Nearman Creek 1 Carbon Capture and Storage

Base Case with one modification:

Nearman Creek 1 implements carbon capture and storage on January 1, 2032, and continues run through planning horizon.

Scenario 4 Nearman Creek 1 NOx Controls

Base Case with one modification:

Enhance NOx controls at Nearman Creek 1 on May 1, 2025 and beyond to meet Cross-State Air Pollution Rule Good Neighbor Plan.

Planning Scenarios - Continued

Scenarios 5 through 7 assess the fuel price and load uncertainty

Scenario 5 High Fuel Price Sensitivity

Sensitivity case to examine the impact of higher fuel and market prices than assumed in the Base Case.

Scenario 6 Low Fuel Price Sensitivity

Sensitivity case to examine the impact of lower fuel and market prices than assumed in the Base Case.

Scenario 7 High Load Growth Sensitivity

Increases the year-over-year growth rate to be 50% higher than assumed in the Base Case.

Scenarios 8 through 10 assess the impact to various resource plan strategies

Scenario 8 High Reserve Requirement Sensitivity

Increases the constant 15% planning reserve margin (PRM) assumed for the Base Case.*

Scenario 9 Net Zero Target

Simulates a "Net Zero Carbon" option in which non-carbon emitting generation will be equal to BPU's native load by 2040.

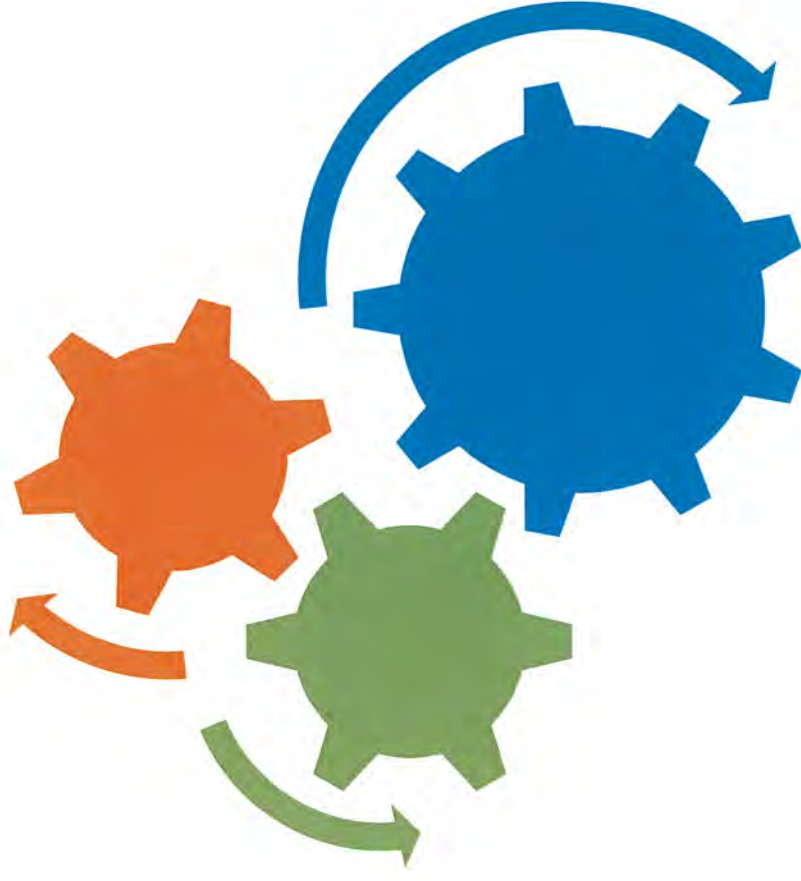
Scenario 10 2028 Combustion Turbines

Assumes new thermal resources will be built in 2028 to replace Quindaro CT2 and CT3.

* Higher levels of renewable penetration into the broader market could lead to the need for a higher PRM. Scenario 8 assumes: 15% PRM from 2024 – 2030; 18% PRM from 2031 – 2036; 20% PRM from 2037 – 2043

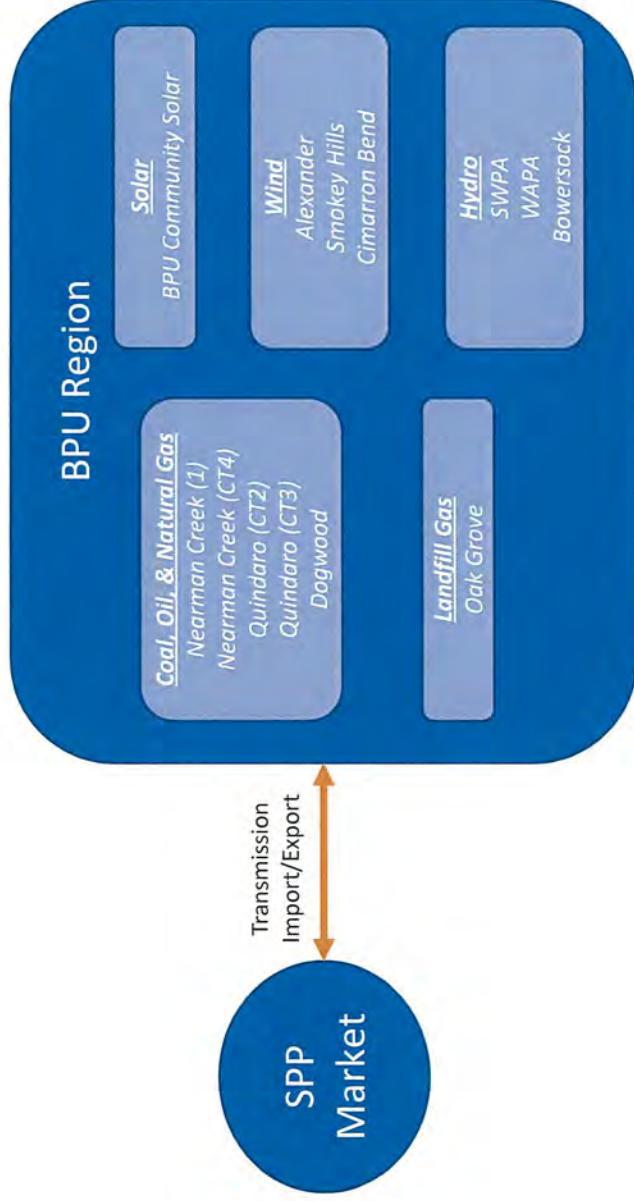
IRP Modeling

- A production cost model is being created with PLEXOS to represent the BPU system, including its generation resources, purchased power contracts, and forecasts for energy demand, market energy prices, and fuel costs.
- PLEXOS is an industry standard capacity expansion and production cost modeling software used around the world by many utilities and energy sector professionals.
- The model results will include projections for new power plant buildouts and/or purchased power agreements to meet BPU's energy and capacity needs at the lowest cost for each of the given sets of input assumptions and constraints.



PLEXOS Model Market Structure

- BPU is modeled as a stand-alone system with some ability to rely on and sell to the broader SPP market.
- The IRP model assumes a 400MW import/export limitation.
 - This assumption does not reflect physical limitations but restricts the amount of power BPU relies on the market without a firm contract (minimizing market price risk).
 - The modeling team will monitor volumes of energy import/export between BPU and the SPP market to ensure that values remain reasonable.



Key Input Assumptions

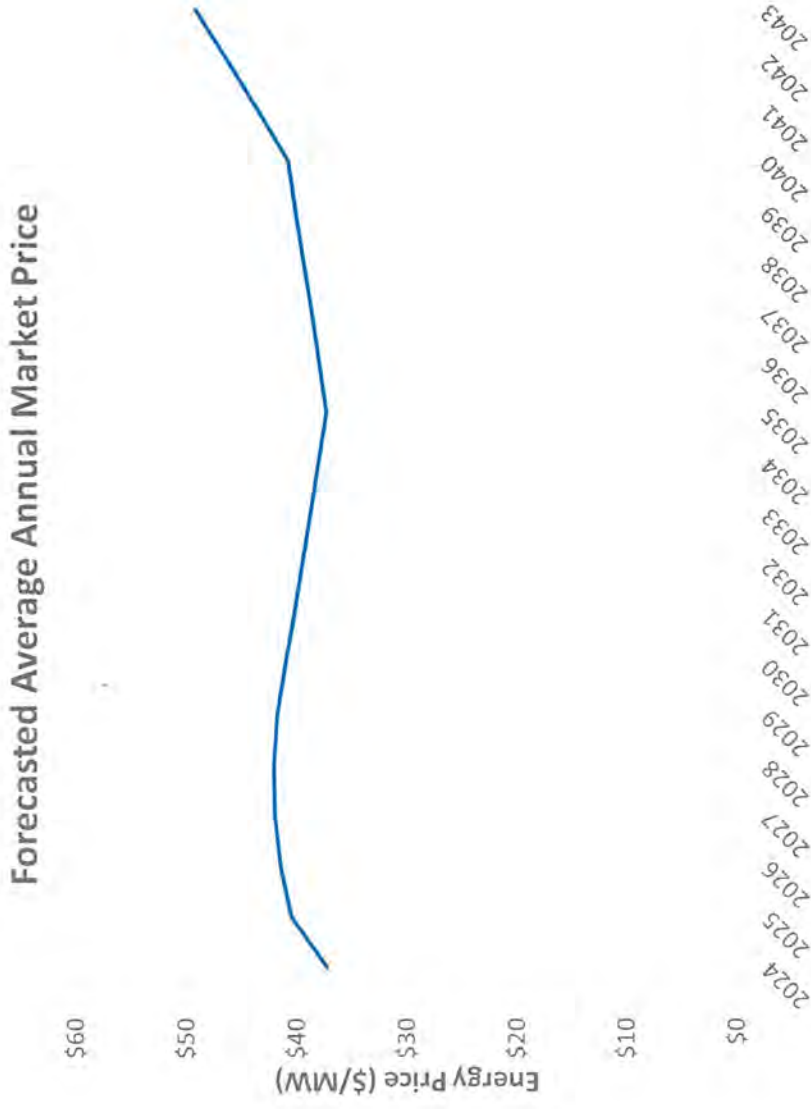
Supply Alternatives

- The PLEXOS model chooses a portfolio that economically meets BPU's peak load and planning reserve margin requirements.
- Regional suitability and technological maturity were considerations when deciding on resource candidates.
- Capacity expansion resource candidates include traditional thermal power plants as well as renewable energy and battery storage options:
 - Simple cycle combustion turbines (natural gas)
 - Combined cycle combustion turbines (natural gas)
 - Solar Farms
 - Wind Farms
 - Battery Energy Storage Systems
 - Hybrid Solar Farm + Battery Energy Storage Systems
 - Biomass
 - Contracted Capacity



Market Price Forecast

- The Black & Veatch team provided a forecast from its Energy Market Perspective (EMP) for market energy prices over the next 20 years.
- These prices were developed as part of a larger analysis that encompasses all the Eastern Interconnection.



Fuel Price Forecast

- The IRP capacity expansion model includes forecasts for the prices for coal, natural gas, and oil from 2024 through 2043.
- Fuel price forecasts, in conjunction with the market price forecast, will impact how power plants are dispatched.

Year	Fuel Price Forecast (\$/MMBtu)		
	Natural Gas	Coal	Oil
2024	\$2.58	\$2.52	\$17.59
2025	\$3.27	\$2.93	\$17.91
2026	\$3.53	\$2.78	\$18.26
2027	\$3.80	\$3.49	\$18.81
2028	\$4.06	\$3.50	\$18.88
2029	\$4.32	\$3.67	\$19.34
2030	\$4.58	\$3.67	\$19.45
2031	\$4.55	\$3.58	\$19.51
2032	\$4.51	\$3.47	\$19.75
2033	\$4.48	\$3.44	\$20.04
2034	\$4.45	\$3.41	\$20.07
2035	\$4.42	\$3.54	\$20.27
2036	\$4.52	\$3.51	\$20.60
2037	\$4.62	\$3.56	\$20.54
2038	\$4.72	\$3.65	\$20.64
2039	\$4.82	\$3.77	\$20.80
2040	\$4.92	\$3.90	\$20.96
2041	\$5.13	\$4.01	\$21.04
2042	\$5.35	\$4.21	\$21.24

Next Steps

Next Steps

- Finalize model inputs and assumptions.
- Complete Base Case scenario and assess outputs.
- Continued collaboration between Black & Veatch and BPU staff to address additional sensitivity scenarios.
- Remain in regular contact with the Board during scheduled meetings throughout the summer to discuss progress and results.
- Target finalizing and approval of IRP by August 21, 2024.
- Public comments are welcome
 - Comments may be submitted to email: IRP@BPU.com
 - In-person comments can be made at the board meeting scheduled July 17th
 - All written comments are due on or before August 7th
 - Comments will be addressed, where appropriate, within the evaluation and at subsequent board meetings.

Board Meeting IRP Schedule

Board Meeting (Workshop) <i>June 18th</i>	Board Meeting (Workshop) <i>July 3rd</i>	Public Meeting (Regular session) <i>July 17th</i>	Board Meeting (Workshop) <i>August 7th</i>	Public Meeting (Regular session) <i>August 21st</i>
Data Assumptions & Modeling Framework	Status Update and Initial Results		Final IRP Overview	Board Approval
<p>Presentation Contents:</p> <p>KC BPU Overview – Overview of KC BPU</p> <p>Long-Term Planning Objectives – overview of the various considerations in developing a long-term resource plan (e.g., cost, reliability, risk, sustainability, regulatory requirements, etc).</p> <p>Assessment of Resource Need – an overview of load and resources and the amount of additional capacity/energy needed to meet planning objectives.</p> <p>Analytical Framework – summary of how the evaluation will be completed (e.g., using capacity expansion, base case, overview of sensitivities)</p> <p>Supply Alternatives – summary of supply alternatives being considered to meet planning objectives.</p> <p>Assumptions – outline of main modeling assumptions</p> <p>Timeline – Key dates throughout the IRP process</p> <p>Public Comments - Written public comment period opens via email.</p>	<p>Presentation Contents:</p> <p>Status Update – Overview of where KC BPU is in the execution of the IRP.</p> <p>Results of Evaluation for Base Case and Scenarios – overview of results of base case analysis and/or any additional completed scenarios.</p> <p>Timeline and Next Steps – Provide overview of updated timeline and next steps.</p> <p>Public Comments - Written public comment period continues via email.</p>	<p>Follow-up discussion from previous Board Meetings</p> <p>Will provide 2-3 page general summary</p> <p>With public comment</p> <p>Public Comments - Report out on Public Comments that have been received.</p>	<p>Presentation Contents:</p> <p>Follow-up discussion from previous Board Meetings</p> <p>Final IRP Overview – Overview of results of IRP Analyses.</p> <p>KC BPU Reference Resource Plan – Provide overview of KC BPU's resource plan resulting from the IRP evaluations.</p> <p>Action Plan – Describe the near term (1-3 years) action plan resulting from the IRP evaluation and the reference resource plan.</p> <p>Public Comments - Wrap up on public comments that have been received and discussion of adjustments made based on those comments.</p>	<p>Any follow-up discussion from Board Meeting 3.</p> <p>Board approval of IRP and action plan</p>

REGULAR SESSION –TUESDAY, JUNE 18, 2024

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 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.

REGULAR SESSION –TUESDAY, JUNE 18, 2024

STATE OF KANSAS)
) SS
CITY OF KANSAS CITY)

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.

REGULAR SESSION –TUESDAY, JUNE 18, 2024

STATE OF KANSAS)
) SS
CITY OF KANSAS CITY)

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.

REGULAR SESSION –TUESDAY, JUNE 18, 2024

STATE OF KANSAS)
) SS
CITY OF KANSAS CITY)

ATTEST:

APPROVED:

Secretary

President



Third Party Development at the Kaw and Quindaro Power Plant Properties

June 18, 2024



Timeline

- RFP Issued: September 21, 2023
- Site Visits: October, 2023
- Proposals Due: December 15, 2023
- Proposal Evaluations: January - February, 2024
 - Short Listed Suppliers
 - Proposal Review with Short List Suppliers
- Follow-up Discussions: March - April - May, 2024
- Pause for IRP Sync: May - June, 2024





Next Steps

- Continue discussions with short listed suppliers and alignment with IRP outcome.
- Establish framework for further analysis and evaluation of proposals and any alternatives.



Quindaro Station



Quindaro Station



West portion 1,676,712.28
 SF / 43560 = 38.492 Acres

East Portion 1,129,808.34
 SF / 43560 = 25.936 Acres

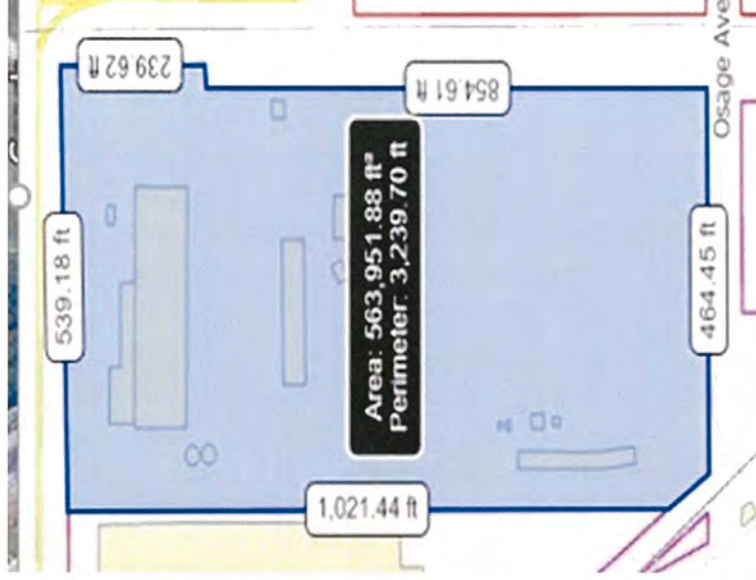
Total square feet =
 2,806,520.62

Total acreage = 64.428

Kaw Station

Total Square
Feet: 562,881.36

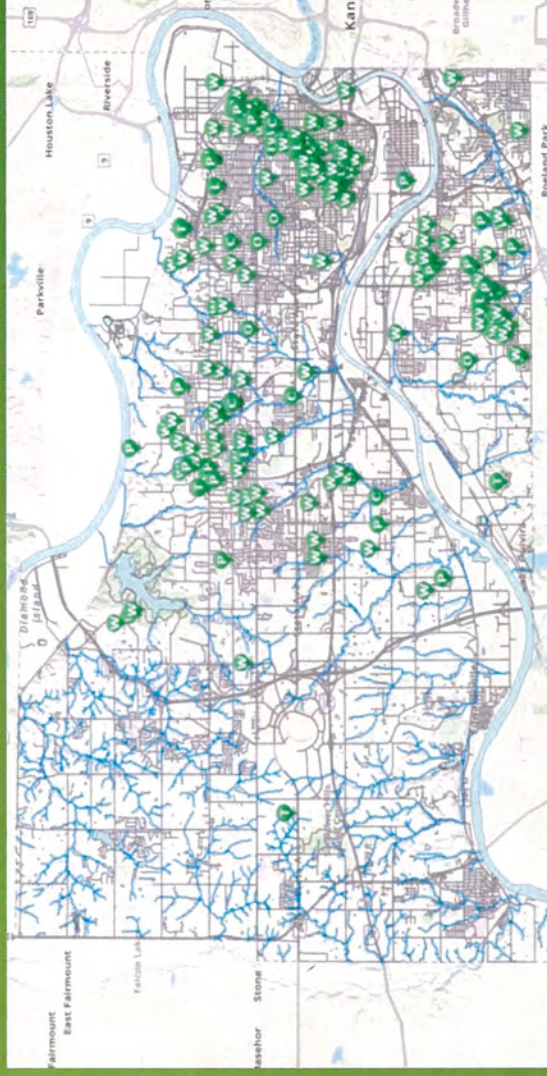
Total acreage:
12.9045 Acres



Thank You



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

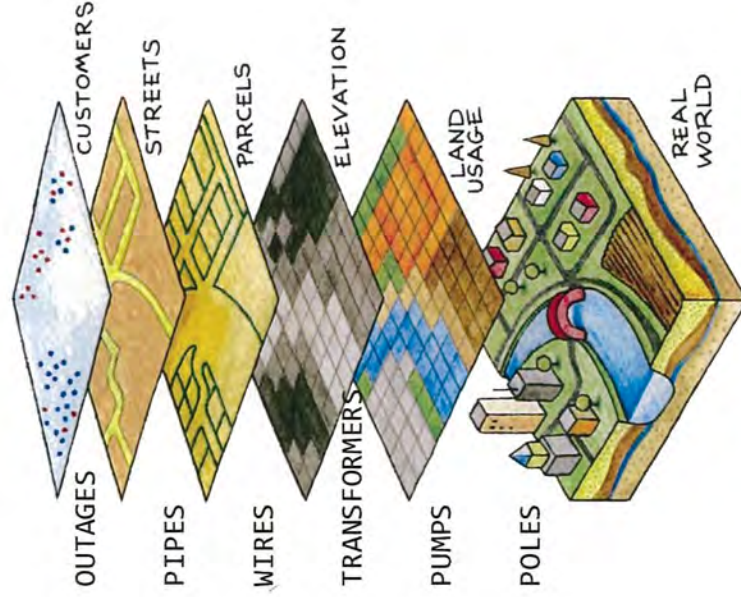
What is GIS?

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?

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.



OUTAGES

PIPES

WIRES

TRANSFORMERS

PUMPS

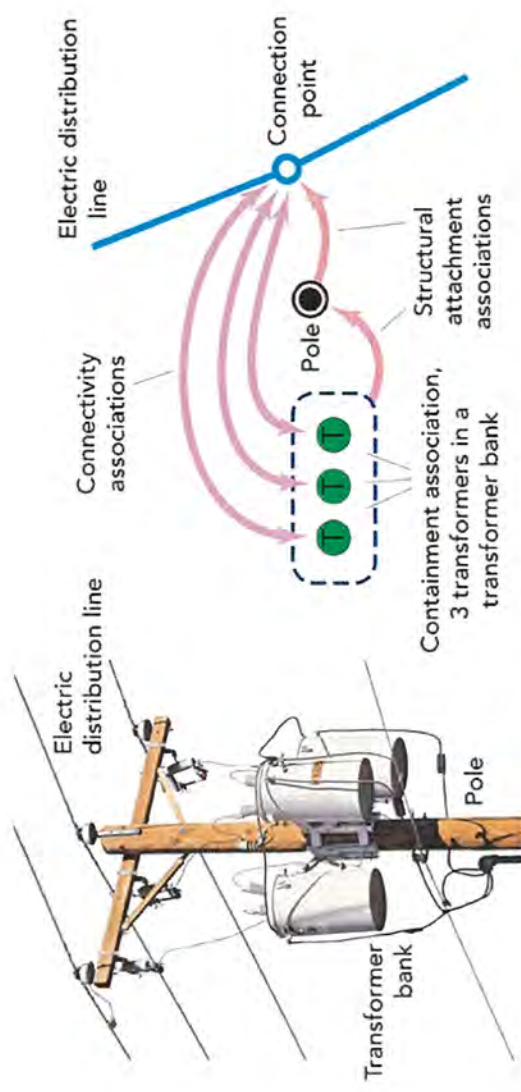
POLES

And many others

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 equating 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



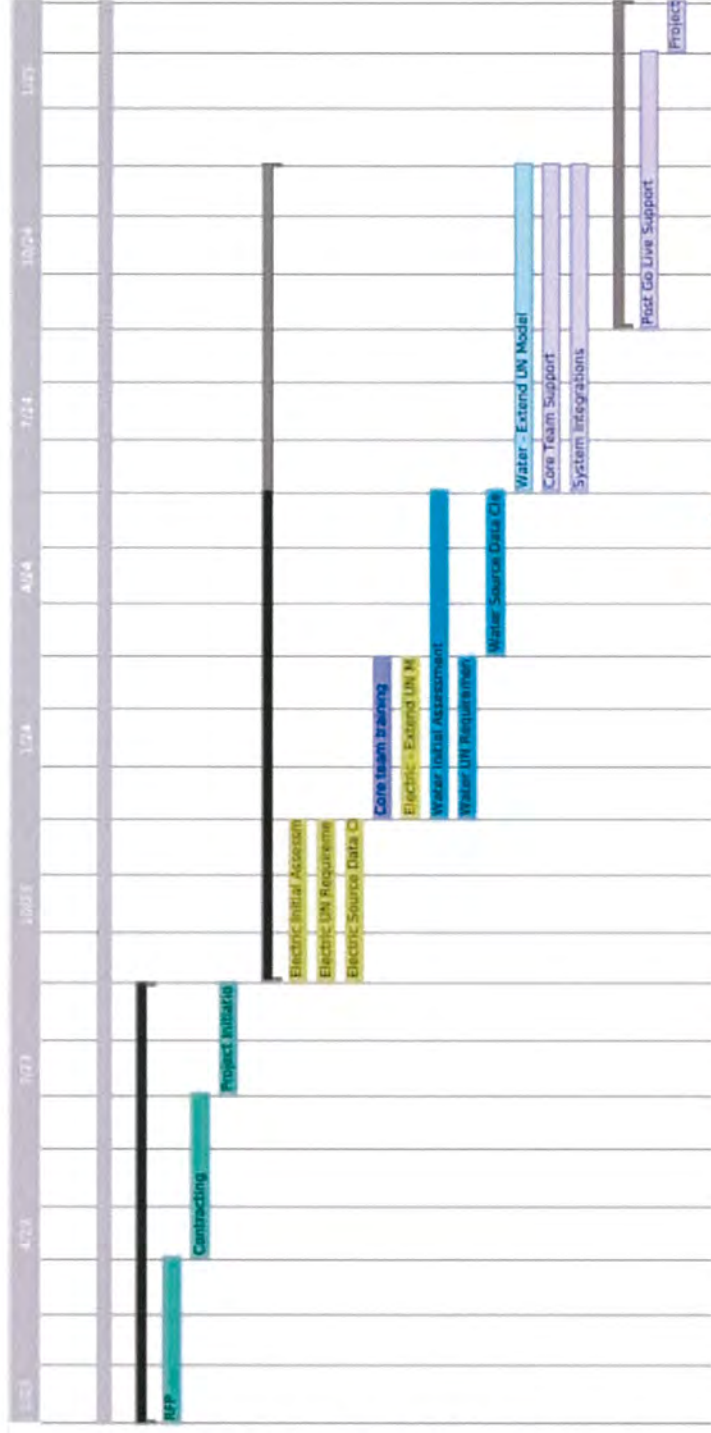
Electric GIS Team

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





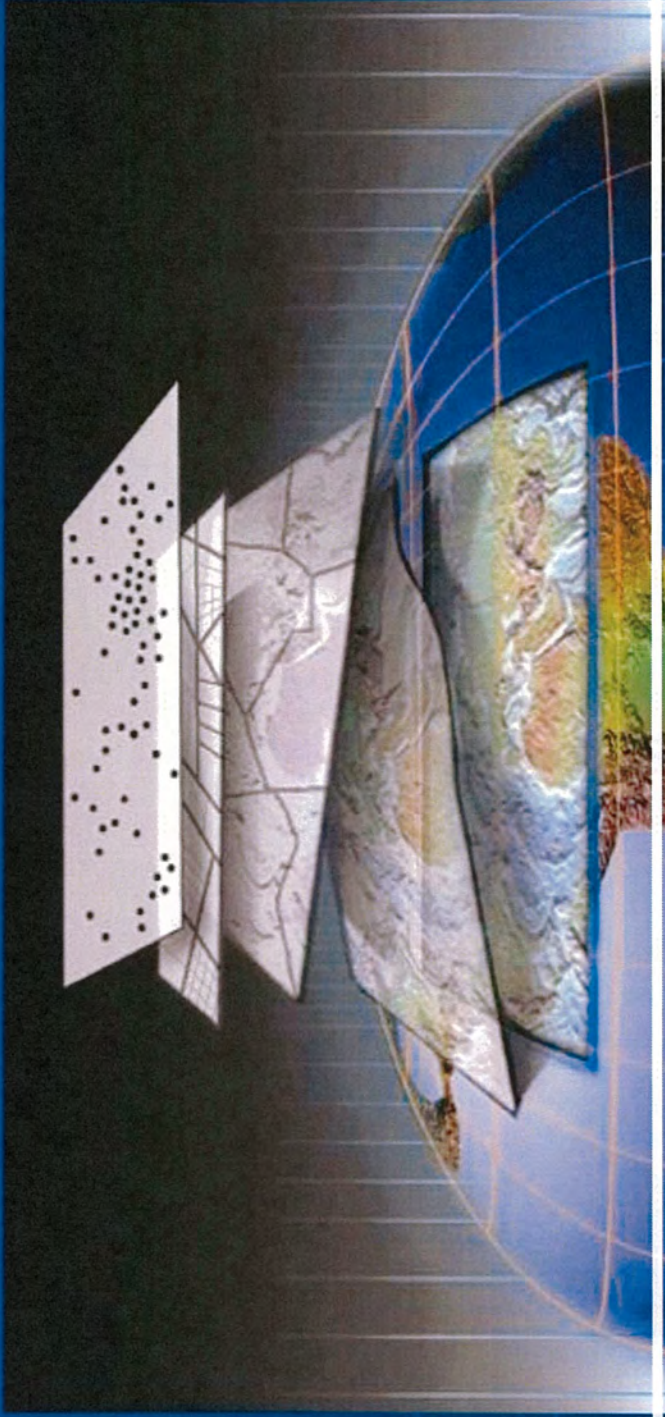
Utility Network Timeline



We are here

Status: On Track

Project Number: 103011



Thank you



Kansas City Board of Public Utilities

Unaudited Monthly Financial Statements
For the Period Ending May 31, 2024
Prepared by Accounting





Table of Contents

Combining Unaudited Balance Sheet	1
Statements of Revenues, Expenses and Change in Net Assets	
All Operating Units	5
Electric Operating Unit	7
Water Operating Unit	9
Graphical Three Year Summary	11
Budget Comparison - January 1 thru May 31, 2024	17
Construction Summary - January 1 thru May 31, 2024	20
Financial Metrics	33
Debt Service Coverage	34
Statement of Cash and Investments	37



KANSAS CITY BOARD OF PUBLIC UTILITIES
COMBINING UNAUDITED BALANCE SHEET
FOR THE PERIOD ENDING
May 2024 And May 2023



ASSETS

CAPITAL ASSETS

Property, Plant and Equipment
 Accumulated Depreciation
 Acquisition Adjustment
 Plant In Service, Net
 Construction Work In Progress
CAPITAL ASSETS, NET

	ELECTRIC UTILITY		WATER UTILITY		COMBINED	
	Current Period	Last Year	Current Period	Last Year	Current Period	Last Year
	1,541,851,877	1,501,299,244	445,464,208	436,540,864	1,987,316,085	1,937,840,108
	(813,136,608)	(781,261,714)	(182,982,224)	(174,539,888)	(996,118,832)	(955,801,602)
	21,119,915	22,321,047			21,119,915	22,321,047
	749,835,184	742,358,578	262,481,984	262,000,976	1,012,317,168	1,004,359,554
	40,265,667	47,799,394	31,974,314	21,486,570	72,239,981	69,285,964
	\$ 790,100,851	\$ 790,157,972	\$ 294,456,298	\$ 283,487,546	\$ 1,084,557,149	\$ 1,073,645,518

CURRENT ASSETS

Cash & Marketable Securities
 Economic Development Fund
 Reserve - Public Liability
 Reserve - Worker's Comp
 Capital Debt Reduction
 Rate Stabilization
 System Development Reserve
 ERC Reserve
 Accounts Receivable
 Accounts Receivable Unbilled
 Allowance for Doubtful Account
 Plant & Material Inventory
 Fuel Inventory
 Prepaid Insurance
 Fuel/Purchase Power Deferred
 Lease Receivable - Current
 Other Current Assets
 Intercompany
TOTAL CURRENT ASSETS

	8,761,763	10,016,720	750,000	949,593	9,511,763	10,966,313
	350,000	350,000	150,000	150,000	500,000	500,000
	800,000	800,000	200,000	200,000	1,000,000	1,000,000
	880,000	880,000	220,000	220,000	1,100,000	1,100,000
	-	-	6,290,000	6,290,000	6,290,000	6,290,000
	9,156,273	9,156,273	-	-	9,156,273	9,156,273
	4,000,000	-	12,573,588	11,763,028	12,573,588	11,763,028
	26,358,768	26,037,835	3,652,323	3,583,269	30,011,091	29,621,104
	12,489,502	13,174,504	2,926,476	2,687,584	15,415,978	15,862,088
	(113,057)	168,056	(51,357)	(27,283)	(164,414)	140,783
	19,243,068	18,249,700	3,248,852	3,359,602	22,491,920	21,609,302
	13,196,051	12,040,710	-	-	13,196,051	12,040,710
	1,488,349	1,566,033	189,201	171,582	1,677,550	1,737,615
	1,963,546	2,463,546	-	-	1,963,546	2,463,546
	880,225	725,041	46,934	27,379	927,159	752,420
	39,883,426	41,496,960	(39,883,426)	(41,496,960)	-	-
	\$ 139,337,914	\$ 139,088,934	\$ (9,687,409)	\$ (12,122,206)	\$ 129,650,505	\$ 126,966,728



KANSAS CITY BOARD OF PUBLIC UTILITIES
COMBINING UNAUDITED BALANCE SHEET
FOR THE PERIOD ENDING
May 2024 And May 2023



NON CURRENT ASSETS
RESTRICTED ASSETS

	ELECTRIC UTILITY		WATER UTILITY		COMBINED	
	Current Period	Last Year	Current Period	Last Year	Current Period	Last Year
Debt Service Fund	26,670,088	23,876,542	4,296,576	6,420,261	30,966,664	30,296,803
Construction Fund 2016C	-	728,505	-	-	-	728,505
Construction Fund 2020A	-	819,294	-	-	-	819,294
Improvement & Emergency Fund	1,350,000	1,350,000	150,000	150,000	1,500,000	1,500,000
Customer Deposits Reserve	6,279,921	6,044,814	1,383,227	1,317,618	7,663,148	7,362,432
TOTAL RESTRICTED ASSETS	\$ 34,300,009	\$ 32,819,155	\$ 5,829,803	\$ 7,887,879	\$ 40,129,312	\$ 40,707,034

Debt Issue Costs	-	-	-	-	-	-
System Development Costs	791,229	693,898	52,909	106,500	844,138	800,398
Notes Receivable	34,098	34,584	-	-	34,098	34,584
Net Pension Assets	-	18,614,313	-	4,653,578	-	23,267,891
Regulatory Asset	57,316,385	60,994,442	-	-	57,316,385	60,994,442
Lease Receivable	11,124,055	13,016,013	-	-	11,124,055	13,016,013
TOTAL NON CURRENT ASSETS	\$ 103,565,776	\$ 126,172,405	\$ 5,882,712	\$ 12,647,957	\$ 109,448,488	\$ 138,820,362

TOTAL ASSETS

TOTAL ASSETS	\$ 1,033,004,541	\$ 1,055,419,311	\$ 290,651,601	\$ 284,013,297	\$ 1,323,656,142	\$ 1,339,432,608
---------------------	-------------------------	-------------------------	-----------------------	-----------------------	-------------------------	-------------------------

DEFERRED OUTFLOWS OF RESOURCES

Deferred Debt - 2014A Refunding	-	146,001	-	48,516	-	194,517
Deferred Debt - 2016B Refunding	1,535,226	1,685,004	38,905	42,701	1,574,131	1,727,705
Deferred Debt - 2020B Refunding	1,949,450	2,100,140	480,982	518,162	2,430,432	2,618,302
Deferred Debt - Pension	76,170,406	32,364,027	19,068,938	8,117,344	95,239,344	40,483,371
Deferred Debt - OPEB	2,710,902	734,363	677,725	183,591	3,388,627	917,954
TOTAL DEFERRED OUTFLOWS OF RESOURCES	\$ 82,365,984	\$ 37,029,535	\$ 20,266,550	\$ 8,910,314	\$ 102,632,534	\$ 45,939,849

TOTAL DEFERRED OUTFLOWS OF RESOURCES

TOTAL DEFERRED OUTFLOWS OF RESOURCES	\$ 1,115,370,525	\$ 1,092,448,846	\$ 310,918,151	\$ 292,923,611	\$ 1,426,288,676	\$ 1,385,372,457
---	-------------------------	-------------------------	-----------------------	-----------------------	-------------------------	-------------------------

TOTAL ASSETS AND DEFERRED OUTFLOWS

TOTAL ASSETS AND DEFERRED OUTFLOWS	\$ 1,115,370,525	\$ 1,092,448,846	\$ 310,918,151	\$ 292,923,611	\$ 1,426,288,676	\$ 1,385,372,457
---	-------------------------	-------------------------	-----------------------	-----------------------	-------------------------	-------------------------



KANSAS CITY BOARD OF PUBLIC UTILITIES
COMBINING UNAUDITED BALANCE SHEET
FOR THE PERIOD ENDING
May 2024 And May 2023



NET POSITION

Net Position

TOTAL NET POSITION

	ELECTRIC UTILITY		WATER UTILITY		COMBINED	
	Current Period	Last Year	Current Period	Last Year	Current Period	Last Year
	414,579,060	387,242,227				
	\$ 414,579,060	\$ 387,242,227	199,399,077	185,153,754	613,978,137	572,395,981
	\$ 414,579,060	\$ 387,242,227	\$ 199,399,077	\$ 185,153,754	\$ 613,978,137	\$ 572,395,981

LIABILITIES

LONG TERM DEBT - REVENUE BOND

Principal
 Government Loans

TOTAL LONG TERM DEBT

	503,022,289	528,517,462				
	2,040,193	2,284,008	40,249,532	45,094,557	543,271,821	573,612,019
	\$ 505,062,482	\$ 530,801,470	\$ 68,907,492	\$ 68,286,799	\$ 573,969,974	\$ 599,088,269

DEFERRED CREDITS

Accum Provision for Benefits
 Pension Obligation
 OPEB Obligation
 Const Contract Retainage Payable - Noncurrent

TOTAL DEFERRED CREDITS

	16,285,079		4,071,270			
	21,865,428	35,249,070	5,466,357	8,812,267	20,356,349	44,061,337
	\$ 38,150,507	\$ 35,249,070	\$ 9,537,627	\$ 8,812,267	\$ 47,688,134	\$ 44,061,337

CURRENT LIABILITIES

Current Maturities LT Debt
 Current Maturities-Govt Loans
 Interest on Revenue Bonds
 Customer Deposits
 Accounts Payable

	23,848,250	20,339,000	4,711,750	7,161,000	28,560,000	27,500,000
	243,816	233,165	3,580,034	3,039,290	3,823,850	3,272,455
	4,639,359	4,854,221	216,196	266,900	4,855,555	5,121,121
	6,279,921	6,044,814	1,383,227	1,317,618	7,663,148	7,362,432
	11,411,407	17,050,807	1,083,016	1,285,840	12,494,423	18,336,647



KANSAS CITY BOARD OF PUBLIC UTILITIES
COMBINING UNAUDITED BALANCE SHEET
FOR THE PERIOD ENDING
May 2024 And May 2023



	ELECTRIC UTILITY		WATER UTILITY		COMBINED	
	Current Period	Last Year	Current Period	Last Year	Current Period	Last Year
Payroll & Payroll Taxes	8,171,146	7,459,398	2,661,612	2,801,553	10,832,758	10,260,951
Benefits & Reclaim	593,917	694,053	-	-	593,917	694,053
Accrued Claims Payable Public Liab	286,910	485,840	37,568	196,538	324,478	682,378
Accrued Claims Payable-WC	1,425,891	1,644,003	412,498	474,068	1,838,389	2,118,071
Other Accrued Liabilities	13,335,794	8,585,098	4,893	36,318	13,340,687	8,621,416
Payment in Lieu of Taxes	2,324,291	2,470,696	452,279	444,913	2,776,570	2,915,609
TOTAL CURRENT LIABILITIES	\$ 72,560,702	\$ 69,861,095	\$ 15,174,426	\$ 17,024,038	\$ 87,735,128	\$ 86,885,133
TOTAL LIABILITIES	\$ 615,773,691	\$ 635,911,635	\$ 93,619,545	\$ 94,123,104	\$ 709,393,236	\$ 730,034,739
DEFERRED INFLOWS OF RESOURCES						
Deferred Gain on Bond Refunding	478,610	550,557	129,013	149,335	607,623	699,892
Recovery Fuel/Purchase Power	681,255	-	-	-	681,255	-
Deferred Credit Pension	58,038,937	46,758,471	14,509,734	11,689,618	72,548,671	58,448,089
Deferred Credit OPEB	13,043,126	7,231,198	3,260,782	1,807,800	16,303,908	9,038,998
Deferred Inflow Leases	12,775,846	14,754,758	-	-	12,775,846	14,754,758
TOTAL DEFERRED INFLOWS OF RESOURCES	\$ 85,017,774	\$ 69,294,984	\$ 17,899,529	\$ 13,646,753	\$ 102,917,303	\$ 82,941,737
TOTAL LIABILITIES, NET POSITION AND DEFERRED INFLOWS RESOURCES	\$ 1,115,370,525	\$ 1,092,448,846	\$ 310,918,151	\$ 292,923,611	\$ 1,426,288,676	\$ 1,385,372,457

KANSAS CITY BOARD OF PUBLIC UTILITIES
 Statements of Revenues, Expenses, and Change in Net Position
 All Operating Unit Values
 For The Period Ending May 2024



Current Period Budget	Monthly			Year-To-Date & Annual						Percent Actual To Annual Budget
	Current Period Actuals	Actuals as a % of Budget	Current Actuals over/under Prior Year	2024		2023		2024		
				Year To Date Budget	Year To Date Actuals	Year To Date Actuals	Year To Date Actuals	Annual Budget	Annual Budget	
7,603,000	7,459,231	98%	7,655,315	43,889,000	40,878,143	42,286,768	115,839,000	35%		
9,618,000	10,336,230	107%	10,887,913	48,451,000	50,585,051	52,321,649	122,268,000	41%		
5,048,000	4,839,414	96%	4,887,814	23,780,000	22,291,136	24,242,086	59,890,000	37%		
804,240	863,319	107%	915,014	4,659,990	4,774,745	5,194,015	11,117,960	43%		
30,000	28,954	97%	31,181	147,400	141,679	148,426	366,700	39%		
50,000	52,083	104%	48,089	250,000	251,369	236,556	600,000	42%		
23,153,240	23,579,230	102%	24,425,325	121,177,390	118,922,123	124,429,500	310,109,660	38%		
82,000	84,607	103%	81,300	496,000	482,034	494,227	1,246,000	39%		
1,097,000	399,317	36%	699,190	5,465,000	2,252,931	2,314,134	13,463,000	17%		
1,179,000	483,924	41%	780,490	5,961,000	2,744,964	2,808,361	14,709,000	19%		
210,000	180,654	86%	221,322	1,244,400	1,112,421	1,194,487	2,958,500	38%		
230,850	446,945	194%	517,734	1,156,950	1,674,182	2,323,523	2,792,900	60%		
173,000	3,880	2%	211,092	1,244,000	1,579,272	1,063,952	1,879,000	84%		
2,650	543	21%	-	13,250	7,217	12,094	31,800	23%		
117,788	57,550	49%	58,540	389,177	331,804	298,706	940,620	35%		
15,501	14,458	93%	20,145	76,315	195,670	50,387	184,090	106%		
-	681,255	-	-	-	3,406,274	-	-	-		
749,799	1,385,286	185%	1,028,833	4,126,092	8,306,839	4,943,149	8,786,910	95%		
2,869,424	2,776,570	97%	2,915,609	15,043,779	14,606,101	15,280,816	38,314,998	38%		
2,869,424	2,776,570	97%	2,915,609	15,043,779	14,606,101	15,280,816	38,314,998	38%		
\$ 27,951,463	\$ 28,225,009	101%	\$ 29,150,257	\$ 146,308,261	\$ 144,580,028	\$ 147,461,826	\$ 371,920,567	39%		

KANSAS CITY BOARD OF PUBLIC UTILITIES
Statements of Revenues, Expenses, and Change in Net Position
All Operating Unit Values
For The Period Ending May 2024



Current Period Budget	Current Period Actuals	Actuals as a % of Budget	Current Actuals over/under Prior Year	Year-To-Date & Annual										
				Monthly		2024		2024		2023		2024		Percent Actual To Annual Budget
				Current Period Actuals	Actuals as a % of Budget	Prior Year Actuals	2024 Budget	2024 Actuals	Year To Date Actuals	2023 Actuals	Year To Date Actuals	2024 Annual Budget		
OPERATING EXPENSES														
4,297,206	3,533,668	82%	5,146,928	-31%	19,095,185	17,699,304	19,100,709	45,609,096	39%					
5,509,352	4,565,647	83%	6,855,000	-33%	24,729,083	32,741,753	27,544,046	53,106,638	62%					
2,137,867	2,225,632	104%	1,041,264	114%	11,571,966	12,505,834	8,923,203	38,502,401	32%					
5,077,911	3,719,789	73%	4,103,250	-9%	22,212,775	19,537,008	19,450,412	52,912,589	37%					
591,604	394,478	67%	367,753	7%	2,504,346	2,117,760	2,040,735	5,980,527	35%					
3,664,163	3,270,338	89%	2,811,438	16%	16,178,831	13,621,795	13,358,559	38,097,563	36%					
3,596,847	3,692,281	103%	3,662,416	-	17,984,235	18,555,827	18,195,137	43,162,164	43%					
			2,463,546	-100%			12,317,728							
\$ 24,874,949	\$ 21,401,832	86%	\$ 26,451,595	-19%	\$ 116,779,281	\$ 120,930,530	\$ 277,370,978	\$ 277,370,978	42%					
\$ 3,076,514	\$ 6,823,177	222%	\$ 2,698,662	153%	\$ 27,800,747	\$ 26,531,296	\$ 94,549,589	\$ 94,549,589	29%					
NON OPERATING INCOME/EXPENSE														
328,571	400,088	122%	331,464	21%	1,527,316	1,998,630	1,356,948	3,809,490	52%					
(1,618,518)	(1,618,518)	100%	(1,707,040)	-5%	(8,308,402)	(8,340,905)	(8,829,774)	(19,769,727)	42%					
(27,900)	(28,349)	102%	(27,710)	2%	(139,500)	(137,049)	(136,818)	(334,800)	41%					
(2,869,424)	(2,776,570)	97%	(2,915,609)	-5%	(15,043,779)	(14,606,101)	(15,280,816)	(38,314,998)	38%					
42,948	23,574	55%	22,969	3%	216,410	104,492	115,475	518,716	20%					
						(134)								
\$ (4,144,323)	\$ (3,999,775)	97%	\$ (4,295,925)	-7%	\$ (21,747,955)	\$ (20,981,067)	\$ (22,774,985)	\$ (54,091,319)	39%					
\$ (1,067,809)	\$ 2,823,401	-264%	\$ (1,597,264)	-277%	\$ 10,283,885	\$ 6,819,680	\$ 3,756,311	\$ 40,458,270	17%					
TRANSFER AND CONTRIBUTION TO/FROM														
41,667	769,518	1,847%	63,996	1,102%	208,333	2,111,622	369,799	500,000	422%					
\$ (1,026,142)	\$ 3,592,919	-350%	\$ (1,533,267)	-334%	\$ 10,492,218	\$ 8,931,301	\$ 4,126,110	\$ 40,958,270	22%					

KANSAS CITY BOARD OF PUBLIC UTILITIES
 Statements of Revenues, Expenses, and Change in Net Position
 E-Electric

For The Period Ending May 2024



Current Period Budget	Current Period Actuals	Monthly		Year-To-Date & Annual					Percent Actual To Annual Budget	
		Current Period Actuals	Actuals as a % of Budget	Prior Year Actuals	Current Actuals over/under Prior Year	2024		2023 Actuals		2024 Annual Budget
						Year To Date Budget	Year To Date Actuals			
OPERATING REVENUES										
Sales of Energy and Water										
5,449,000	5,297,768	97%	5,502,986	-4%	Residential Sales	33,158,000	30,369,466	32,229,363	88,846,000	34%
8,667,000	9,335,640	108%	9,898,169	-6%	Commercial Sales	43,869,000	45,563,043	47,967,820	109,558,000	42%
4,556,000	4,342,461	95%	4,401,181	-1%	Industrial Sales	21,214,000	19,692,606	21,808,417	53,140,000	37%
753,000	783,148	104%	862,017	-9%	Schools	4,462,000	4,522,449	4,993,536	10,451,000	43%
30,000	28,954	97%	31,181	-7%	Highway Lighting	147,400	141,679	148,426	366,700	39%
-	-	-	-	-	Public Authorities	-	-	-	-	-
-	-	-	-	-	Fire Protection	-	-	-	-	-
19,455,000	19,787,971	102%	20,695,534	-4%	Total Sales of Energy and Water	102,850,400	100,289,244	107,147,563	262,361,700	38%
82,000	84,607	103%	81,300	4%	Borderline Electric Sales	496,000	492,034	494,227	1,246,000	39%
1,000,000	288,177	29%	568,750	-49%	Wholesale Market Sales	5,000,000	1,869,526	1,899,460	12,000,000	16%
1,082,000	372,784	34%	650,050	-43%	Total Other Utility Sales	5,496,000	2,361,559	2,393,686	13,246,000	18%
175,000	144,523	83%	177,058	-18%	Forfeited Discounts	1,005,000	889,936	955,590	2,365,000	38%
209,250	424,155	203%	493,258	-14%	Connect/Disconnect Fees	1,046,250	1,563,841	2,188,335	2,511,000	62%
150,000	3,104	2%	169,458	-98%	Tower/Pole Attachment Rentals	1,100,000	1,487,602	837,795	1,600,000	93%
1,900	-	-	-	-	Ash Disposal	-	-	-	-	-
1,750	2,450	140%	-	-	Diversion Fines	9,500	5,029	10,869	22,800	22%
14,501	14,458	100%	20,145	-28%	Service Fees	8,750	7,550	11,078	21,000	36%
-	681,255	-	-	-	Other Miscellaneous Revenues	71,315	195,670	48,130	172,090	114%
-	-	-	-	-	Deferred Revenue-Fuel/PP-Amort	-	3,406,274	-	-	-
-	-	-	-	-	Deferred Revenue-Fuel/PP-Recog	-	-	-	-	-
552,401	1,269,946	230%	860,719	48%	Total Other Revenues	3,240,815	7,555,903	4,061,797	6,691,890	113%
2,389,461	2,324,291	97%	2,470,696	-6%	Payment In Lieu Of Taxes	12,677,988	12,320,141	13,128,653	32,151,514	38%
2,389,461	2,324,291	97%	2,470,696	-6%	Total Payment In Lieu Of Taxes	12,677,988	12,320,141	13,128,653	32,151,514	38%
\$ 23,478,862	\$ 23,754,992	101%	\$ 24,676,999	-4%	TOTAL OPERATING REVENUES	\$ 124,265,203	\$ 122,526,847	\$ 126,731,699	\$ 314,451,104	39%

KANSAS CITY BOARD OF PUBLIC UTILITIES
 Statements of Revenues, Expenses, and Change in Net Position
 E-Electric

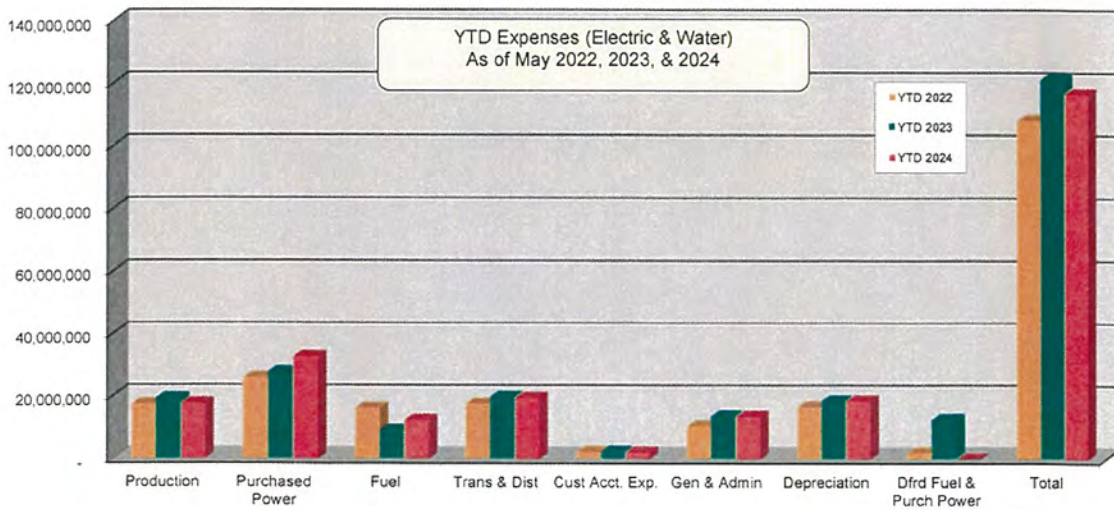
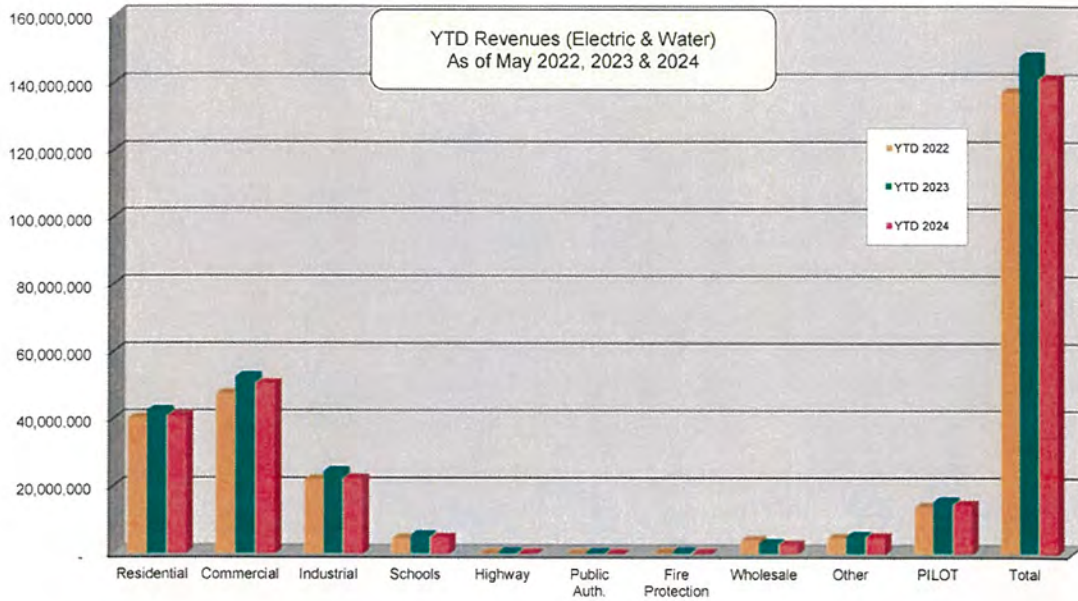
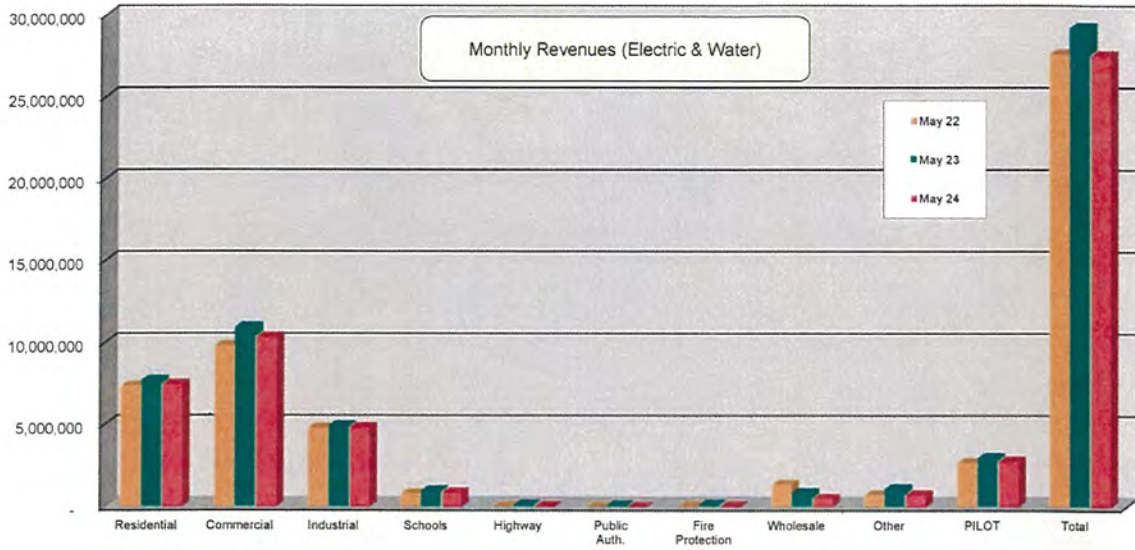
For The Period Ending May 2024

Current Period Budget	Monthly		Year-To-Date & Annual				Percent Actual To Annual Budget			
	Current Period Actuals	Actuals as a % of Budget	Prior Year Actuals	Current Actuals over/under Prior Year	2024 Year To Date Budget	2024 Year To Date Actuals		2023 Year To Date Actuals	2024 Annual Budget	
3,571,775	2,967,394	83%	4,537,155	-35%	15,901,741	15,064,873	16,583,113	38,055,738	40%	
5,509,352	4,565,647	83%	6,855,000	-33%	24,729,083	32,741,753	27,544,046	53,106,638	62%	
2,137,867	2,225,632	104%	1,041,264	114%	11,571,966	12,505,834	8,923,203	38,502,401	32%	
3,437,731	2,566,908	75%	2,821,322	-9%	15,097,939	13,455,690	13,359,852	35,914,097	37%	
365,877	220,271	60%	211,672	4%	1,534,299	1,236,682	1,201,487	3,662,304	34%	
2,890,723	2,591,512	90%	2,197,732	18%	12,771,900	10,779,433	10,509,916	30,087,185	36%	
2,906,232	2,993,236	103%	2,958,208	1%	14,531,161	15,039,403	14,693,833	34,874,787	43%	
-	-	-	2,463,546	-100%	-	-	12,317,728	-	-	
\$ 20,819,557	\$ 18,130,600	87%	\$ 23,085,898	-21%	\$ 96,138,089	\$ 100,823,668	\$ 105,133,178	\$ 234,203,151	43%	
\$ 2,659,305	\$ 5,624,392	211%	\$ 1,591,101	253%	\$ 28,127,115	\$ 21,703,178	\$ 21,598,521	\$ 80,247,953	27%	
OPERATING EXPENSES										
267,850	327,893	122%	268,177	22%	1,244,800	1,634,353	1,098,525	3,107,742	53%	
(1,546,453)	(1,546,453)	100%	(1,618,074)	-4%	(7,732,264)	(7,732,265)	(8,090,368)	(18,422,386)	42%	
(22,700)	(22,444)	99%	(22,726)	-1%	(113,500)	(111,221)	(112,324)	(272,400)	41%	
(2,389,461)	(2,324,291)	97%	(2,470,696)	-6%	(12,677,988)	(12,320,141)	(13,128,653)	(32,151,514)	38%	
41,498	23,349	56%	22,320	5%	209,160	103,934	107,895	501,316	21%	
-	-	-	-	-	-	(134)	-	-	-	
\$ (3,649,265)	\$ (3,541,947)	97%	\$ (3,820,999)	-7%	\$ (19,069,792)	\$ (18,425,473)	\$ (20,124,923)	\$ (47,237,242)	39%	
\$ (989,960)	\$ 2,082,445	-210%	\$ (2,229,698)	-193%	\$ 9,057,323	\$ 3,277,705	\$ 1,473,597	\$ 33,010,711	10%	
TRANSFER AND CONTRIBUTION TO/FROM										
-	-	-	-	-	-	-	-	-	-	
NE:exch-Main, Design & Ext Fee										
\$ (989,960)	\$ 2,082,445	-210%	\$ (2,229,698)	-193%	\$ 9,057,323	\$ 3,277,705	\$ 1,473,597	\$ 33,010,711	10%	

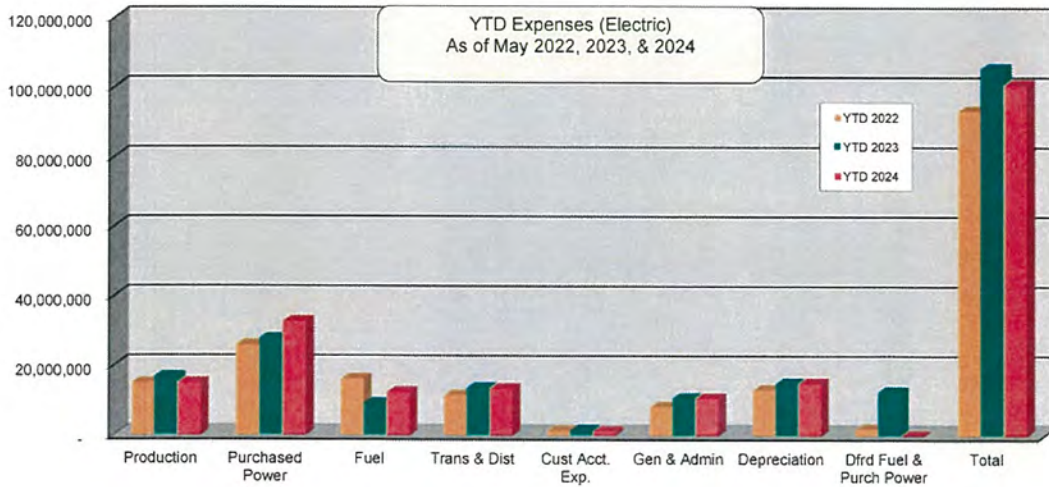
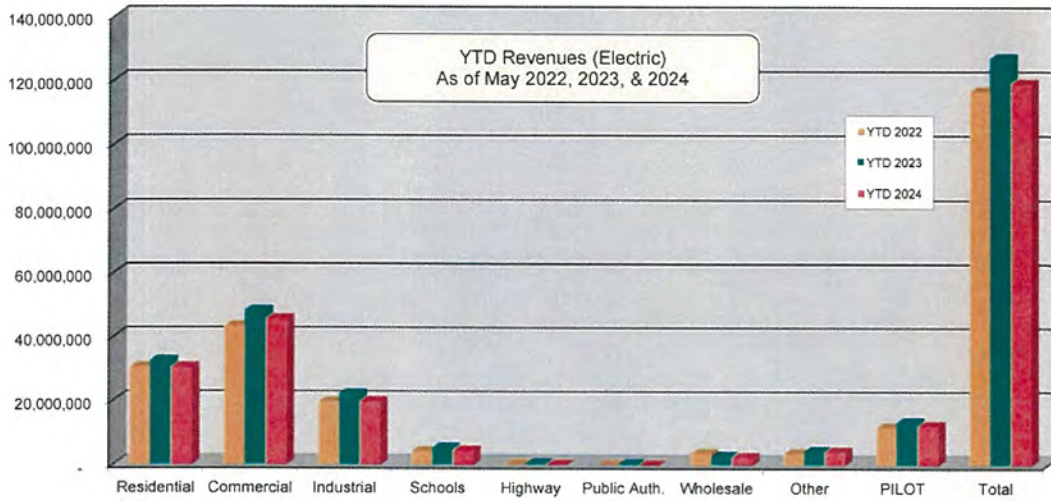
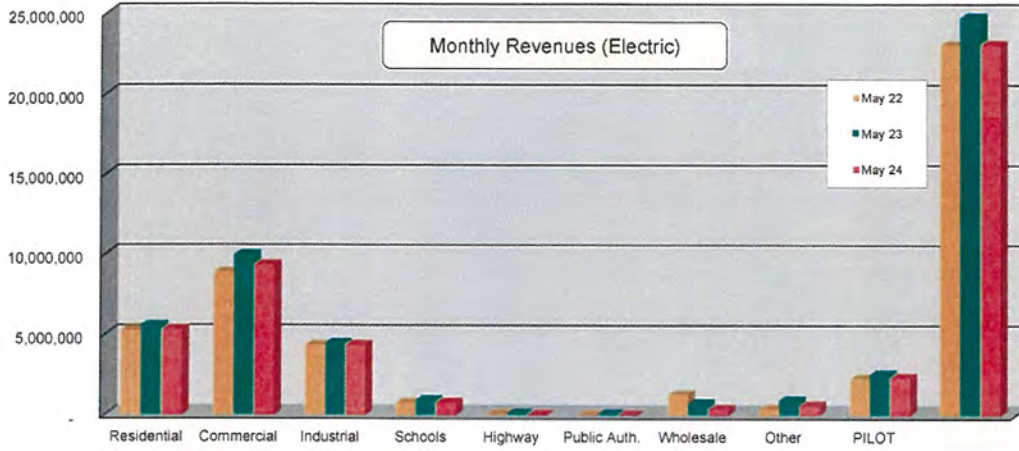
KANSAS CITY BOARD OF PUBLIC UTILITIES
 Statements of Revenues, Expenses, and Change in Net Position
 W-Water
 For The Period Ending May 2024

Current Period Budget	Monthly			Year-To-Date & Annual						Percent Actual To Annual Budget
	Current Period Actuals	Actuals as a % of Budget	Prior Year Actuals	Current Actuals over/under Prior Year	2024		2023		2024 Annual Budget	
					Year To Date Budget	Year To Date Actuals	Year To Date Budget	Year To Date Actuals		
OPERATING REVENUES										
Sales of Energy and Water										
2,154,000	2,181,463	100%	2,152,329	-	10,731,000	10,508,677	10,057,405	26,993,000	39%	
951,000	1,000,589	105%	989,743	1%	4,582,000	5,022,008	4,353,829	12,710,000	40%	
492,000	496,953	101%	486,633	2%	2,566,000	2,598,529	2,433,669	6,750,000	38%	
51,240	80,171	156%	52,997	51%	197,990	252,296	200,480	666,960	38%	
-	-	-	-	-	-	-	-	-	-	
50,000	52,083	104%	48,089	8%	250,000	251,369	236,556	600,000	42%	
3,698,240	3,791,259	103%	3,729,791	2%	18,326,990	18,632,879	17,281,938	47,747,960	39%	
97,000	111,140	115%	130,440	-15%	465,000	383,405	414,674	1,463,000	26%	
97,000	111,140	115%	130,440	-15%	465,000	383,405	414,674	1,463,000	26%	
35,000	36,131	103%	44,264	-18%	239,400	222,484	238,897	593,500	37%	
21,600	22,789	106%	24,476	-7%	112,700	110,341	125,188	281,900	39%	
23,000	776	3%	41,634	-98%	144,000	91,669	226,157	279,000	33%	
750	543	72%	-	-	3,750	2,188	1,225	9,000	24%	
116,048	55,100	47%	57,740	-5%	380,427	324,254	287,628	919,620	35%	
1,000	-	-	-	-	5,000	-	2,256	12,000	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
197,398	115,340	58%	168,114	-31%	885,277	750,937	881,352	2,095,020	36%	
479,963	452,279	94%	444,913	2%	2,365,791	2,285,960	2,152,163	6,163,484	37%	
479,963	452,279	94%	444,913	2%	2,365,791	2,285,960	2,152,163	6,163,484	37%	
\$ 4,472,602	\$ 4,470,017	100%	\$ 4,473,258	-	\$ 22,043,058	\$ 22,053,181	\$ 20,730,127	\$ 57,469,464	38%	
- TOTAL OPERATING REVENUES										

COMBINED (Electric/Water) May 31, 2024

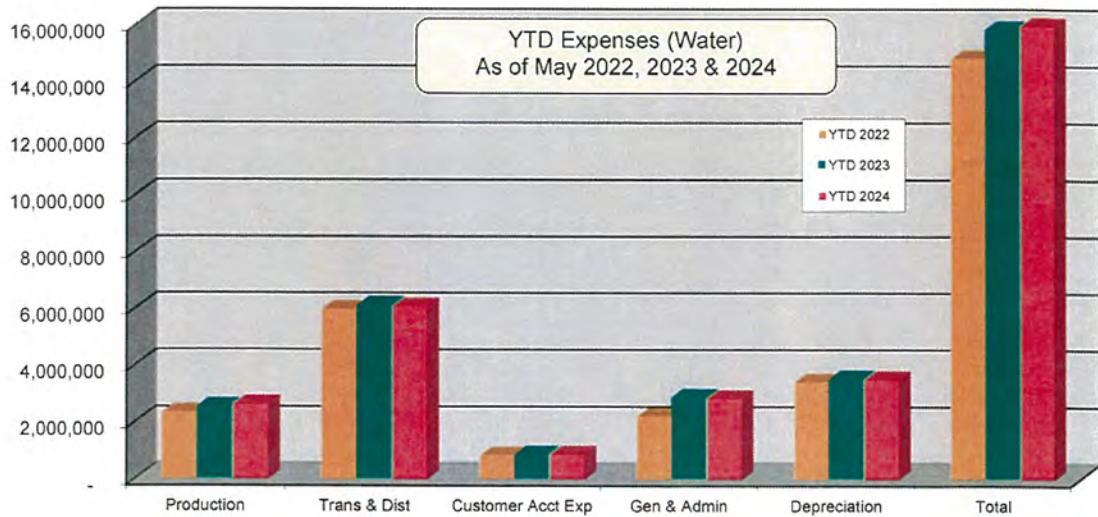
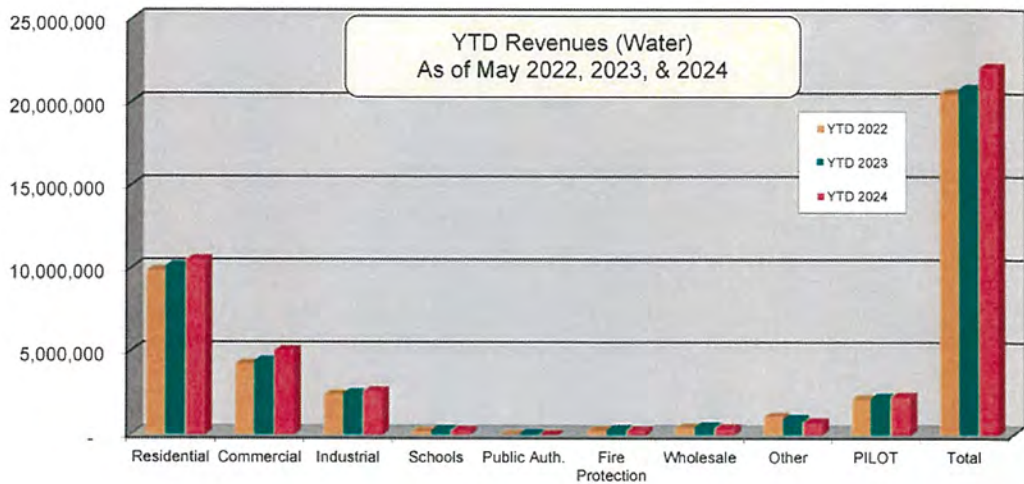
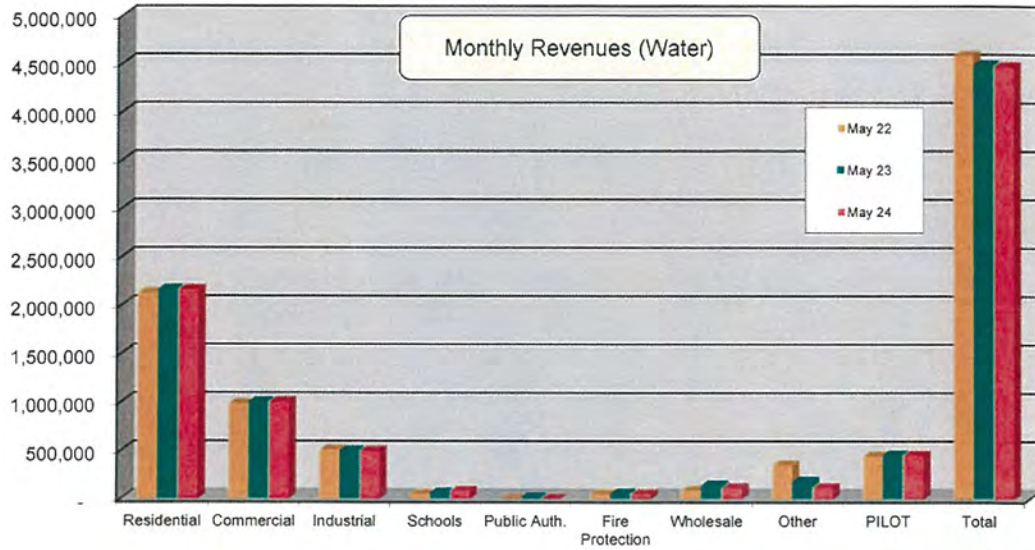


Electric May 31, 2024

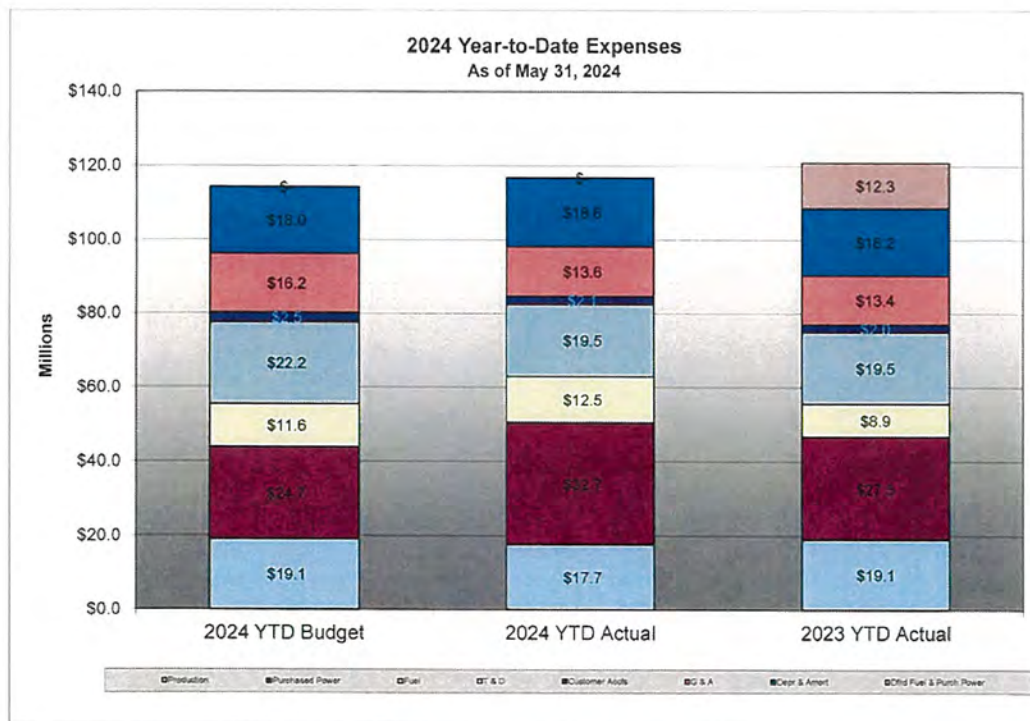
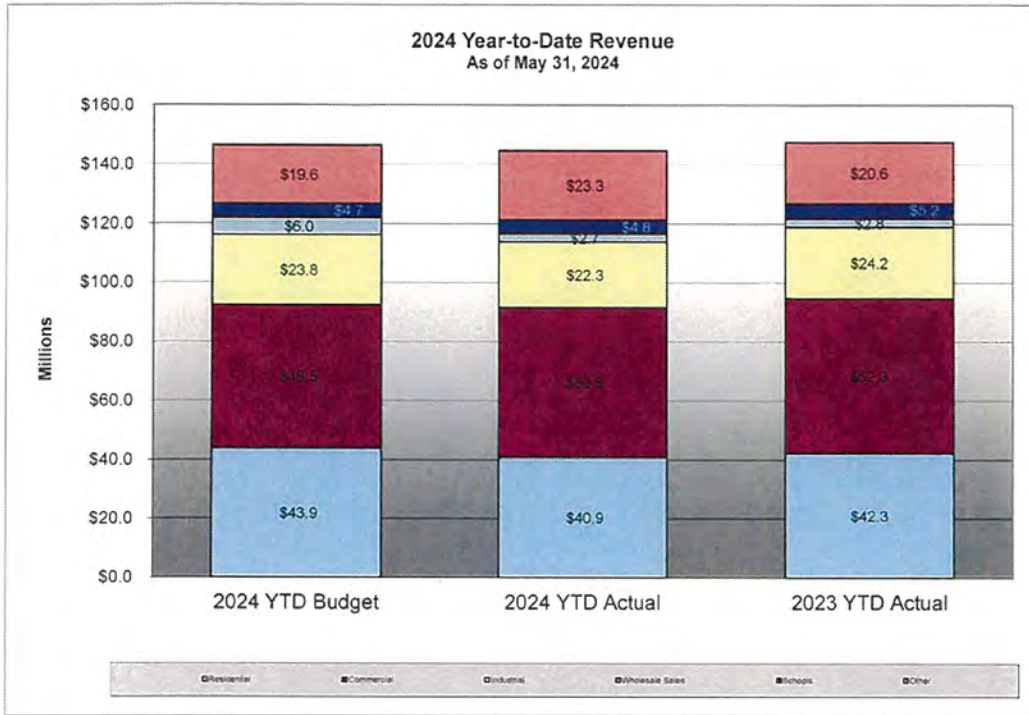


Water

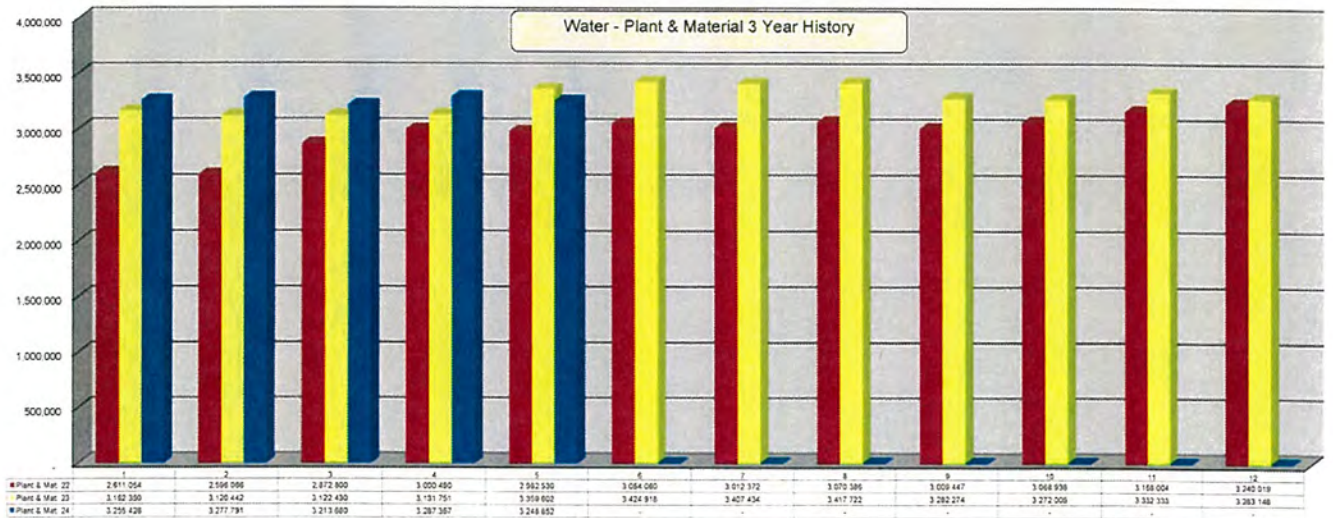
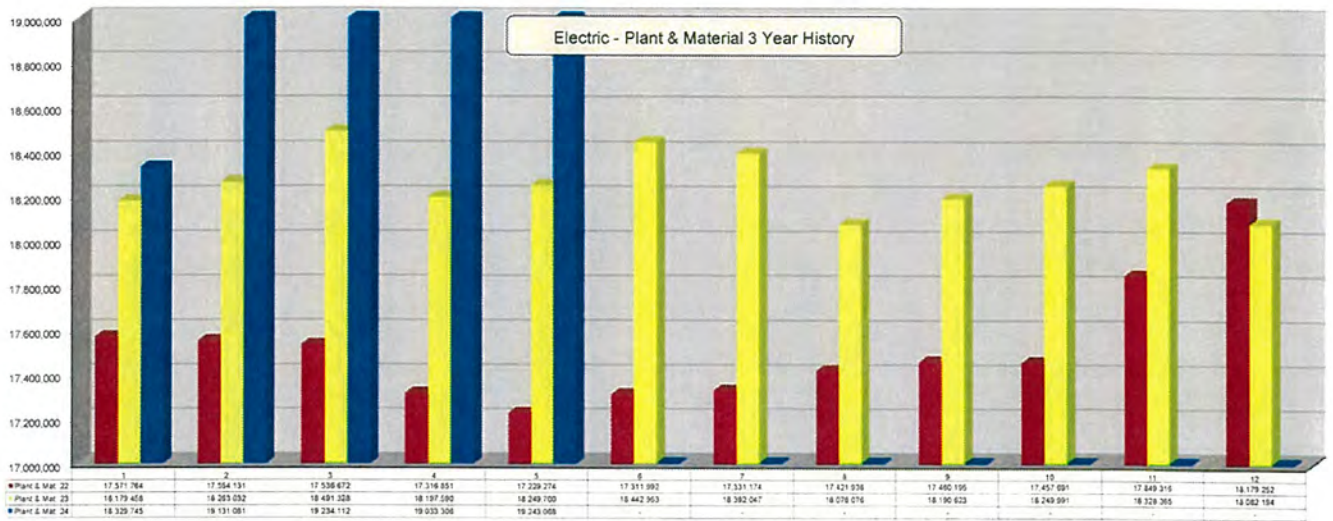
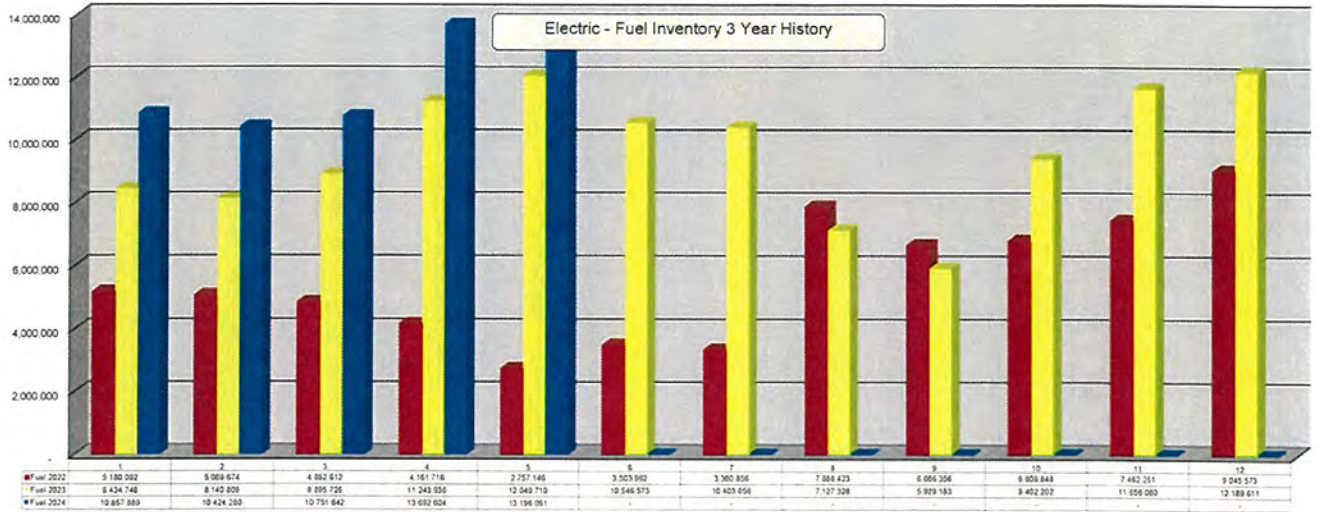
May 31, 2024



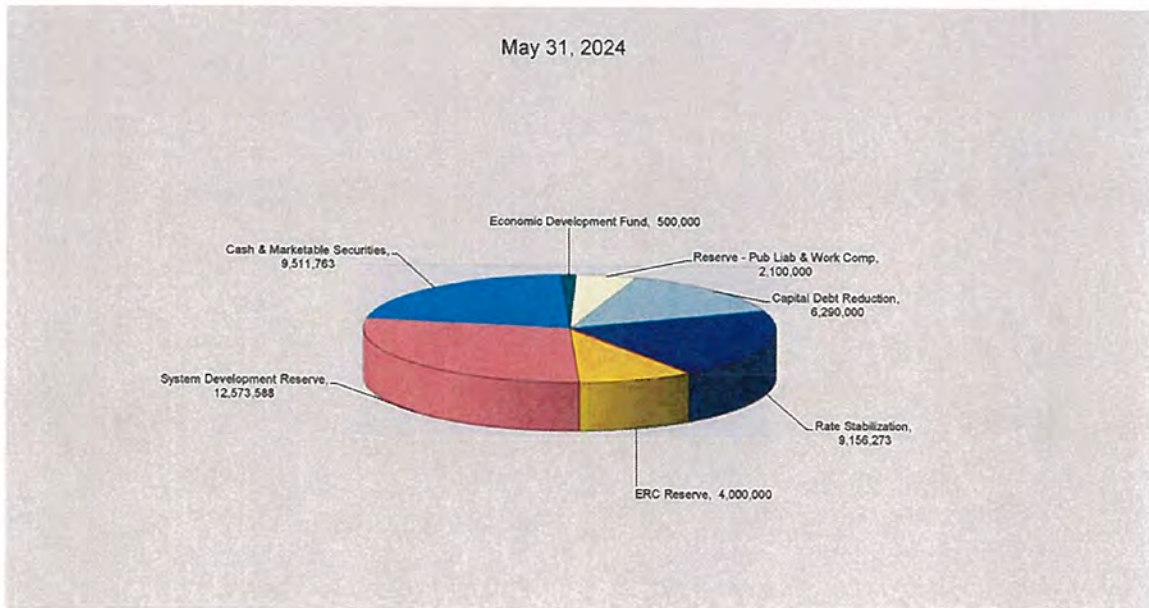
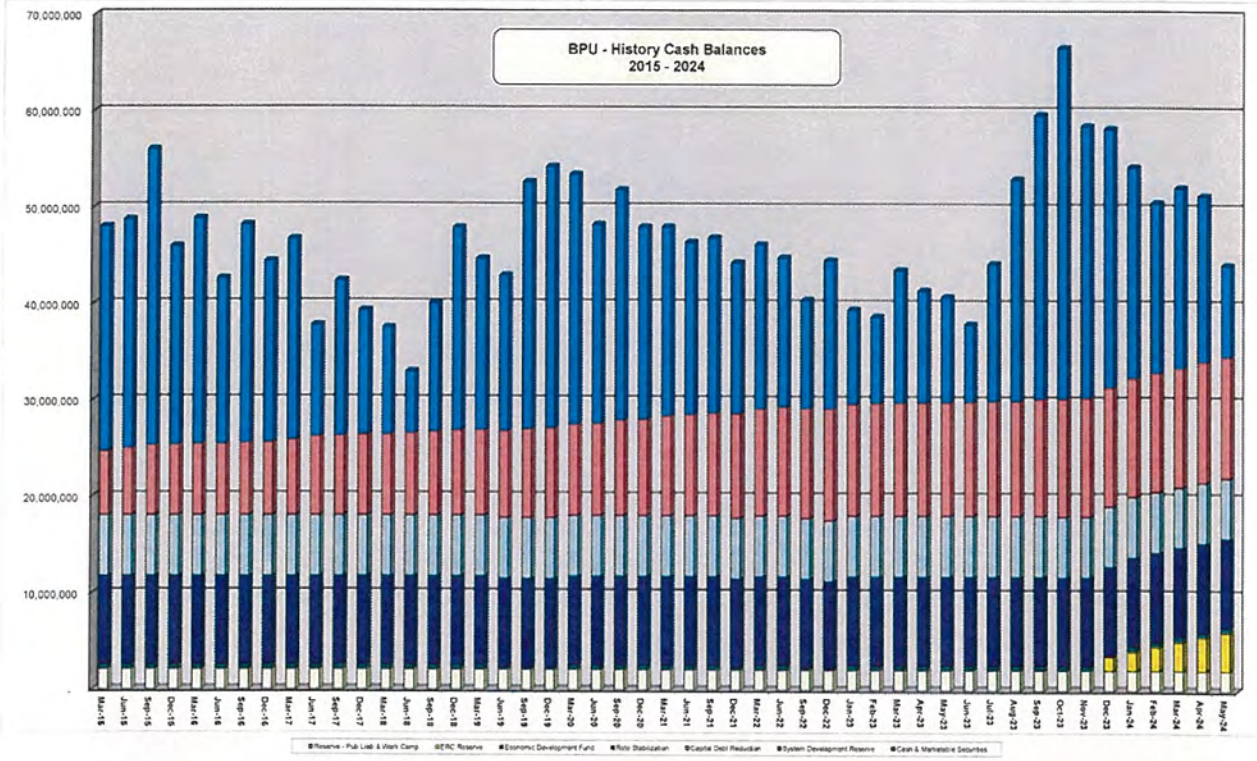
YTD Revenues and Expenses May 31, 2024



BPU - Inventory
May 31, 2024



Cash Balances May 31, 2024





KANSAS CITY BOARD OF PUBLIC UTILITIES
Budget Comparison
May 2024

	2024 BUDGET	TOTAL ACTUAL	BUDGET AVAILABLE	% REMAINING
PERSONNEL				
1010-Regular Labor	51,975,118	21,609,111	30,366,007	58.42%
1020-Overtime/Special Pay	4,441,872	2,032,570	2,409,301	54.24%
1030-Health Care/Medical Benefit	13,146,069	3,810,124	9,335,945	71.02%
1040-Medical Insurance-Retirees	3,008,656	190,847	2,817,809	93.66%
1050-Pension Benefit	6,021,644	2,070,164	3,951,480	65.62%
1070-Life Insurance Benefit	1,049,411	409,395	640,017	60.99%
1080-Unemployment Benefit	56,417	24,670	31,747	56.27%
1090-OASDI/Hi (FICA)	4,315,900	1,874,103	2,441,796	56.58%
1100-Liability Insurance/Work Co	858,139	(972,538)	1,830,677	213.33%
1110-Compensatory Balance Reserve	563,477	833,297	(269,820)	(47.88)%
1130-Disability Pay Benefit	687,545	260,267	427,278	62.15%
1140-Employee Education Assistance	60,000	25,033	34,967	58.28%
1170-Board Per Diem	6,000	1,500	4,500	75.00%
1180-Long-Term Care	201,611	36,774	164,837	81.76%
1990-Other Employee Benefits	50,000	21,313	28,687	57.37%
TOTAL PERSONNEL	86,441,858	32,226,629	54,215,229	62.72%
SERVICES				
2010-Tree Trimming Services	3,545,068	371,922	3,173,146	89.51%
2011-Contract Line Services	2,000	-	2,000	100.00%
2020-Legal Services	373,000	43,007	329,993	88.47%
2030-Engineering Services	1,603,950	386,851	1,217,099	75.88%
2040-Accounting/Costing Services	12,000	-	12,000	100.00%
2050-Auditing Services	440,000	179,171	260,829	59.28%
2060-Actuarial Services	13,500	-	13,500	100.00%
2070-Banking/Cash Mgmt/Treasury	941,900	408,984	532,915	56.58%
2080-Financial Advisory	39,000	-	39,000	100.00%
2090-General Management Services	150,000	-	150,000	100.00%
2100-Human Resource Services	177,600	39,248	138,352	77.90%
2110-Environmental Services	919,900	232,981	686,919	74.67%
2130-Computer Hardware Maintenance	350,900	44,631	306,268	87.28%
2131-Computer Software Maintenance	5,124,486	1,971,975	3,152,511	61.52%
2140-Advertising/Marketing/Sales	448,000	188,502	259,498	57.92%
2150-Janitorial Services	918,120	356,214	561,906	61.20%
2151-Trash Disposal	56,105	27,163	28,942	51.59%
2160-Travel/Training/Safety	939,970	194,638	745,332	79.29%
2170-Outside Printing & Duplicating	597,350	236,106	361,244	60.47%
2180-Insurance Services	2,582,000	1,105,912	1,476,088	57.17%
2190-Dues/Memberships/Subscription	390,139	143,694	246,445	63.17%
2200-Telecommunications Services	522,636	320,606	202,030	38.66%
2210-Clerical/Office/Tech Services	176,800	20,596	156,204	88.35%
2211-Copier Services	400	-	400	100.00%
2220-Security Services	1,514,000	864,522	649,478	42.90%
2230-Collection Services	90,000	28,826	61,174	67.97%
2240-Building Maintenance Service	1,483,846	460,783	1,023,063	68.95%
2241-Building Maint Srvc - HVAC	367,289	57,589	309,700	84.32%
2242-Building Maint Srvc - Elevator	114,272	31,291	82,981	72.62%
2243-Pest & Bird Control	11,850	-	11,850	100.00%
2244-Grounds Maintenance	149,000	40,757	108,243	72.65%
2250-Mailing/Shipping Services	19,980	15,682	4,298	21.51%
2260-Meter Testing/Protection	5,500	4,400	1,100	20.00%
2270-Public Notice	70,250	10,507	59,743	85.04%
2282-IT Prof Contracted Services	2,489,000	1,064,554	1,424,446	57.23%
2300-Equipment Maintenance	743,205	208,946	534,259	71.89%



KANSAS CITY BOARD OF PUBLIC UTILITIES
Budget Comparison
May 2024

	2024 BUDGET	TOTAL ACTUAL	BUDGET AVAILABLE	% REMAINING
2310-City Wide Yard Restoration	20,000	735	19,265	96.32%
2320-City Street Repairs	750,000	176,498	573,502	76.47%
2330-Right Of Way/Easements	112,000	43,619	68,381	61.05%
2340-Auxiliary Boiler Maintenance	12,500	8,907	3,594	28.75%
2351-Control System Support Service	160,000	8,067	151,933	94.96%
2370-Liab-Inj Damages	1,734,600	747,598	987,002	56.90%
2380-Sponsorships	1,149,100	241,074	908,027	79.02%
2390-Risk Mngmnt & Consulting Srv	275,000	146,370	128,630	46.77%
2500-Dogwood Gas Plant O&M	4,595,100	2,380,432	2,214,668	48.20%
2990-Other Professional Services	806,675	259,870	546,805	67.79%
TOTAL SERVICES	36,997,991	13,073,230	23,924,761	64.67%

FUELS

3010-Main Flame Fuel	35,482,054	11,161,235	24,320,819	68.54%
3012-Building Heat Fuel	1,500	317	1,183	78.84%
3020-Start Up Fuel	1,260,347	1,213,183	47,164	3.74%
3025-AQC - Reagents	1,760,000	131,416	1,628,584	92.53%
3030-Ash Handling	1,530,000	230,790	1,299,210	84.92%
3040-On Road Vehicle Fuel	717,000	239,776	477,224	66.56%
3050-Purchase Power Energy	20,751,000	16,269,792	4,481,208	21.60%
3055-Purchased Power - Renewables	26,164,651	12,474,117	13,690,534	52.32%
3070-Purch Pwr Capacity NonEconomic	2,652,167	1,949,426	702,741	26.50%
3080-Purchased Power Transmission	5,738,820	2,048,416	3,690,404	64.31%
3110-Off Road Fuel	107,500	83,258	24,242	22.55%
3600-Renewable Energy Certificates	(2,200,000)	2	(2,200,002)	(100.00)%
3990-Other Purchased Power	284,000	143,955	140,045	49.31%
TOTAL FUELS	94,249,039	45,945,682	48,303,357	51.25%

SUPPLIES

4010-Office Supplies & Materials	161,450	108,009	53,441	33.10%
4020-Laboratory Supplies	32,000	7,646	24,355	76.11%
4030-Janitorial Supplies	22,400	6,391	16,009	71.47%
4040-Comp/Srvr/Ntwrk Hrdwr Equip	1,015,725	253,361	762,364	75.06%
4041-Comp/Srvr/Ntwrk Sftwr & Lic	60,250	5,650	54,600	90.62%
4050-Small Tools & Machinery	276,800	97,287	179,513	64.85%
4060-Water Treatment Chemicals	807,000	224,053	582,947	72.24%
4070-Ferric Chemicals	200,000	65,647	134,353	67.18%
4080-Lime/Caustic Chemicals	150,000	59,296	90,704	60.47%
4090-Chlorine Chemicals	630,000	220,499	409,501	65.00%
4100-Other Chemicals & Supplies	307,500	118,960	188,540	61.31%
4110-Clothing/Uniforms	315,600	183,868	131,732	41.74%
4120-Vehicle/Machinery Parts	758,000	325,633	432,367	57.04%
4130-Building/Structural Supplies	715,000	150,310	564,690	78.98%
4131-Bldg/Strctl Supp-Leeves/Dikes	130,000	61,602	68,398	52.61%
4132-Bld/Strctl Supp-Roads/Rails	70,000	-	70,000	100.00%
4133-Bld/Strctl Supp-Filter Srvcs	21,000	-	21,000	100.00%
4140-Plant Equipment	275,200	68,215	206,985	75.21%
4150-T&D Equipment	2,000	494	1,506	75.28%
4160-Office Equipment	33,000	5,597	27,403	83.04%
4170-Electric Usage	-	28,449	(28,449)	-
4180-Water Usage	-	7,005	(7,005)	-
4190-Environmental Supplies	68,600	11,363	57,237	83.44%
4195-Flue Gas Treatment	325,000	69,272	255,728	78.69%
4200-Hazardous Waste Supplies	1,100	1,072	28	2.56%
4210-Safety Supplies	158,700	48,507	110,193	69.43%
4220-Communication Supplies	65,600	9,910	55,690	84.89%
4230-Meter Parts & Supplies	82,500	10,620	71,880	87.13%
4250-General Parts & Supplies	10,000	683	9,317	93.17%



KANSAS CITY BOARD OF PUBLIC UTILITIES
Budget Comparison
May 2024

	2024 BUDGET	TOTAL ACTUAL	BUDGET AVAILABLE	% REMAINING
4251-General Parts & Supp Coal Conv	564,300	100,677	463,623	82.16%
4252-General Parts & Supp Coal Dust	6,000	726	5,274	87.90%
4253-General Parts & Supp Wash-Down	6,000	2,363	3,637	60.62%
4260-Transmission Parts & Supplies	70,000	57,082	12,918	18.45%
4270-Distribution Parts & Supplies	3,367,000	2,587,774	779,226	23.14%
4280-Books/Manuals/Reference	12,800	3,860	8,940	69.84%
4300-Boiler Maint-Forced Outages	545,000	635,038	(90,038)	(16.52)%
4301-Boiler Maint-Elec & Control	87,000	20,809	66,191	76.08%
4302-Boiler Maint-Mechanical	465,000	185,089	279,911	60.20%
4303-Boiler Maint-Motor	60,000	195	59,805	99.67%
4304-Boiler Maint-Steel & Duct	465,000	149,634	315,366	67.82%
4305-Boiler Maint-Coal & Ash	745,000	246,376	498,624	66.93%
4306-Boiler Maint-Boiler Cleaning	200,000	30,742	169,259	84.63%
4307-Boiler Maint-Insulation	200,000	108,738	91,262	45.63%
4308-Boiler Maint-Planned Outages	300,000	1,343	298,657	99.55%
4309-Boiler Maint-Lab Equip	71,900	59,707	12,193	16.96%
4310-Turbine Maintenance	632,000	242,737	389,263	61.59%
4320-Balance Of Plant Maintenance	714,600	302,816	411,784	57.62%
4321-Balance of Plant Mnt-Comp Air	39,000	4,155	34,845	89.35%
4322-Balance of Plant Mnt-Crane Svc	53,500	10,978	42,522	79.48%
4323-Balance of Plant Mnt-Comm	17,000	-	17,000	100.00%
4324-Balance of Plant Mnt-Pumps	73,000	148	72,852	99.80%
4325-Balance Plant Mnt-Mechanical	45,000	4,295	40,705	90.46%
4326-Balance Plant Mnt-Electrical	55,000	9,848	45,152	82.09%
4327-Balance Plant Mnt-Chem Feed	25,000	15,350	9,650	38.60%
4328-Balance Plant Mnt-Risk Mngmnt	60,000	30,105	29,895	49.83%
4329-Balance Plant Mnt-Filters	6,000	1,063	4,937	82.29%
4330-Compressed Gases	189,000	99,402	89,598	47.41%
4990-Other Parts & Supplies	33,000	16,531	16,469	49.91%
TOTAL SUPPLIES	15,801,526	7,076,982	8,724,544	55.21%
OTHER				
5020-Demand Side Management Program	120,000	(500)	120,500	100.42%
5060-Other Board Expenses	10,000	3,569	6,431	64.31%
5080-Doubtful Account Expense	435,000	263,000	172,000	39.54%
5110-Outside Regulatory Expenses	316,400	90,771	225,629	71.31%
5150-WPA Billing Credit	(550,000)	(476,840)	(73,160)	(13.30)%
5200-NERC Reliability Compliance	387,000	20,931	366,069	94.59%
5900-Payment In Lieu of Taxes	38,314,998	14,606,101	23,708,896	61.88%
TOTAL OTHER	39,033,398	14,507,032	24,526,366	62.83%
TOTAL EXPENSES	272,523,812	112,829,555	159,694,256	58.60%



KANSAS CITY BOARD OF PUBLIC UTILITIES
Construction Summary
 As Of May-24

PROJECT DESCRIPTION	BUDGET AMOUNT	YTD EXPENDED	REMAINING BALANCE	% REMAINING
All Common Capital Projects				
Admin Services Technology	389,800	110,227	279,572	72%
Administrative Services	\$389,800	\$110,227	\$279,572	72%
Security Vehicle	50,000	1,727	48,272	97%
Common Equipment	\$50,000	\$1,727	\$48,272	97%
540 Minnesota Facilities	160,000	88,698	71,301	45%
Common Facilities Improvements	\$160,000	\$88,698	\$71,301	45%
Admin Building Furnish & Equip	30,000	14,664	15,335	51%
Common Furnishings and Equipment	\$30,000	\$14,664	\$15,335	51%
540 Minnesota Grounds	115,000	(17,532)	132,531	115%
Common Grounds	\$115,000	(\$17,532)	\$132,531	115%
IT ERP Technology Development	150,000	61,992	88,008	59%
IT Desktop/Network Development	570,000	447,748	122,252	21%
IT Security Improvements	100,000	15,584	84,416	84%
IT Cayenta UMS Upgrade	-	6,026	(6,026)	-
IT Enterprise Service Bus Development	250,000	85,644	164,355	66%
IT Enterprise Asset Management Development	225,000	-	225,000	100%



KANSAS CITY BOARD OF PUBLIC UTILITIES
Construction Summary
 As Of May-24

PROJECT DESCRIPTION	BUDGET AMOUNT	YTD EXPENDED	REMAINING BALANCE	% REMAINING
IT BI/Analytics Development	300,000	106,990	193,010	64%
IT EAM Mobility	250,000	-	249,999	100%
IT AMI Development	25,000	-	24,999	100%
IT HCM Enhancements	50,000	-	50,000	100%
IT Customer Information System Development	325,000	-	324,999	100%
IT Rollout Identity Management	80,000	35,844	44,156	55%
IT DR Infrastructure	100,000	-	99,999	100%
IT DR for Security	50,000	-	50,000	100%
IT GIS Enhancements	680,000	110,120	569,879	84%
IT Business Portal Development	25,000	-	24,999	100%
IT Enterprise Wireless Mobility	40,000	-	39,999	100%
IT Quality Assurance Automation	200,000	81,296	118,704	59%
IT Electronic Document Management System	20,000	20,800	(799)	-
IT Utility Ops Technology Development	225,000	10,610	214,389	95%
IT Cloud Services Development	75,000	67,568	7,432	10%
IT General Systems Enhancements	225,000	88,722	136,278	61%
IT Project Management Applications	50,000	-	50,000	100%
IT Analog to Digital Services	75,000	-	75,000	100%
IT IVR Service Development	30,000	-	30,000	100%
IT Mobile Device Management(MDM)	20,000	-	20,000	100%
IT Server Additions	70,000	-	69,999	100%
IT Meter Data Management System Upgrade	100,000	413,436	(313,435)	-
Enterprise Technology	\$4,310,000	\$1,552,380	\$2,757,612	64%
Security Improvements	25,000	-	24,999	100%
HR Security	50,000	-	50,000	100%
Human Resources Security	\$75,000	\$0	\$74,999	100%



KANSAS CITY BOARD OF PUBLIC UTILITIES
Construction Summary
As Of May-24

PROJECT DESCRIPTION	BUDGET AMOUNT	YTD EXPENDED	REMAINING BALANCE	% REMAINING
All Common Capital Projects	\$5,129,800	\$1,750,165	\$3,379,622	66%



KANSAS CITY BOARD OF PUBLIC UTILITIES
Construction Summary
 As Of May-24

PROJECT DESCRIPTION	BUDGET AMOUNT	YTD EXPENDED	REMAINING BALANCE	% REMAINING
All Electric Capital Projects				
Dogwood Capital Costs	206,000	323,038	(117,038)	-
Dogwood Plant Common	\$206,000	\$323,038	(\$117,038)	(57)%
ECC SCADA Software	950,000	-	950,000	100%
Electric Control Center	\$950,000	\$0	\$950,000	100%
Electric Production carry deck mobile crane	120,000	-	120,000	100%
Electric General Equipment	\$120,000	\$0	\$120,000	100%
Annual Meter Program	1,000,000	798,566	201,434	20%
Electric Meters	\$1,000,000	\$798,566	\$201,434	20%
Electric Ops Automobiles	100,000	1,627	98,373	98%
Electric Ops Facility Improvements	208,100	71,222	136,878	66%
Electric Ops Furnishings & Equipment	10,000	-	9,999	100%
Electric Ops Grounds	5,000	1,007	3,992	80%
IVR and Outage Management System	5,000	-	5,000	100%
Electric Ops Radio	175,000	4,266	170,734	98%
Electric Ops Technology	100,000	23,204	76,795	77%
Electric Ops Tools	100,000	8,237	91,763	92%
Electric Ops Work Equipment	700,000	81,662	618,338	88%



KANSAS CITY BOARD OF PUBLIC UTILITIES
Construction Summary
 As Of May-24

PROJECT DESCRIPTION	BUDGET AMOUNT	YTD EXPENDED	REMAINING BALANCE	% REMAINING
Electric Ops General Construction	\$1,403,100	\$191,223	\$1,211,872	86%
Speaker OH Feeders	50,000	-	50,000	100%
OH Distribution Automation	100,000	15,950	84,050	84%
Rosedale 161KV Sub OH Feeders	150,000	286	149,714	100%
Piper OH Feeders - Urban Outfitters	2,600,000	(470,929)	3,070,929	118%
Transmission Pole Replacement	500,000	-	500,000	100%
Annual OH Construction	2,125,000	445,901	1,679,099	79%
Distribution Pole Inspection Replacement	2,500,000	1,061,940	1,438,059	58%
EO Downtown KCKCC Campus	50,000	1,588	48,412	97%
EO Yards II	735,000	75,305	659,694	90%
98th St OH Feeder Relocation	475,000	689,112	(214,112)	-
Maywood Feeder Realignment	50,000	-	50,000	100%
Village West Pkwy Duct Bank	150,000	-	150,000	100%
Cernet to Village West Pkwy Duct Bank	50,000	-	50,000	100%
EO Leavenworth Rd at Hulton Improvements	450,000	52,293	397,707	88%
Nearman Feeder Extension for Holiday Sand - Gravel	275,000	-	275,000	100%
Mill Street Distribution Rebuild	175,000	-	174,999	100%
Electric Overhead Distribution	\$10,435,000	\$1,871,445	\$8,563,551	82%
Electric Prod Auto	25,000	26,883	(1,882)	-
Electric Prod Work Equipment	677,000	152,025	524,975	78%
Electric Prod General Construction	\$702,000	\$178,908	\$523,093	75%
Annual Reimbursable Construction	100,000	11,419	88,581	89%
American Royal UG	5,000	50,242	(45,241)	-



KANSAS CITY BOARD OF PUBLIC UTILITIES Construction Summary As Of May-24

PROJECT DESCRIPTION	BUDGET AMOUNT	YTD EXPENDED	REMAINING BALANCE	% REMAINING
Rock Island Bridge Project	5,000	28,754	(23,753)	-
West Legends Apartment Complex #3	5,000	-	5,000	100%
Woodlands	5,000	(430)	5,430	109%
EO Homefield Development	5,000	149,734	(144,733)	-
EO Legends 267 Apartment/Entertainment	5,000	-	5,000	100%
Delaware Pkwy UG Circuit Extension	-	100,133	(100,132)	-
Electric Reimbursable	\$130,000	\$339,850	(\$209,848)	(161)%
Storms - Electric Repairs	1,000	1,442,312	(1,441,311)	-
Electric Storm Expense	\$1,000	\$1,442,312	(\$1,441,311)	(144,137)%
Speaker Substation	800,000	-	800,000	100%
Substation Breakers	75,000	1,300	73,699	98%
Substation Relays	50,000	30,446	19,553	39%
Substation Improvements	200,000	46,456	153,543	77%
Substation Security	10,000	-	9,999	100%
Substation Transformer Oil	5,000	-	5,000	100%
EO Substation Battery Upgrades	25,000	-	24,999	100%
EO Mill Street 161kV Substation	1,725,000	47,483	1,677,516	97%
Electric Substation	\$2,890,000	\$125,686	\$2,764,309	96%
Overhead Transformers	1,200,000	328,109	871,891	73%
Underground Transformers	3,000,000	1,062,501	1,937,499	65%
Electric Transformers	\$4,200,000	\$1,390,609	\$2,809,390	67%



KANSAS CITY BOARD OF PUBLIC UTILITIES Construction Summary As Of May-24

PROJECT DESCRIPTION	BUDGET AMOUNT	YTD EXPENDED	REMAINING BALANCE	% REMAINING
Transmission Line FO Additions	175,000	-	174,999	100%
Misc Transmission Projects	250,000	66,313	183,686	73%
EO Victory West to Quindaro Trans Line	100,000	-	99,999	100%
EO Victory West to Maywood Trans Line	100,000	-	99,999	100%
FERC 881 AAR / Transmission Line Inspections	200,000	-	200,000	100%
Electric Transmission	\$825,000	\$66,313	\$758,683	92%
Maywood Feeder Extension	50,000	-	50,000	100%
Downtown UG Rebuild	500,000	-	500,000	100%
Fisher UG Feeders	-	2,720	(2,719)	-
G&W Distr Switch Replacement	350,000	-	350,000	100%
Annual UG Construction	2,000,000	576,603	1,423,396	71%
Electric Underground Distribution	\$2,900,000	\$579,323	\$2,320,677	80%
Street Light Improvements	200,000	62,460	137,539	69%
Traffic Signal Improvements	20,000	-	20,000	100%
Unified Govt OH Construction	20,000	1,930	18,069	90%
Unified Govt UG Distribution	20,000	2,968	17,031	85%
EO Levee Rebuild Along Kansas River	520,000	425,507	194,492	31%
Electric Unified Government Projects	\$880,000	\$492,866	\$387,131	44%
Telecommunications Technology	10,000	-	9,999	100%
Enterprise Telecommunications	\$10,000	\$0	\$9,999	100%



KANSAS CITY BOARD OF PUBLIC UTILITIES Construction Summary As Of May-24

PROJECT DESCRIPTION	BUDGET AMOUNT	YTD EXPENDED	REMAINING BALANCE	% REMAINING
CT4 Hydraulic Oil & Lube Oil Varnish Removal	-	1,808	(1,808)	-
CT4 Fuel oil heating	-	1,317	(1,317)	-
CT4 Primary and secondary spare nozzles	600,000	1,854	598,145	100%
CT4 Turbine lube oil conditioning permanent skid (varnish)	50,000	401	49,599	99%
Nearman Plant CT4	\$650,000	\$5,381	\$644,619	99%
NC Coal Conveyor Belt - Replacement	125,000	-	125,000	100%
NC Mechanic Shop Roof Replacement	150,000	910	149,089	99%
NC Roads and grounds improvements	100,000	1,066	98,934	99%
NC Quindaro machine shop relocation to Nearman	75,000	-	75,000	100%
NC Coal handling equipment structural review/repairs	300,000	1,755	298,244	99%
Nearman Plant Common	\$750,000	\$3,731	\$746,267	100%
N1 No 5 FWH Replacement	550,000	7,520	542,480	99%
N1 Drum & Heater Inst Upgrade	150,000	89,326	60,674	40%
N1 MCC/Load Center Replace	200,000	26,131	173,869	87%
N1 SCR Catalyst Layer	600,000	492	599,508	100%
N1 AQC Air Slide Blowers	300,000	742	299,258	100%
N1 Crusher/Dryer Replacement	100,000	-	99,999	100%
N1 Demineralizer Rental Conversion	-	17,731	(17,730)	-
EP N1 ID Fan VFD Chillers	250,000	-	250,000	100%
EP N1 PJFF Bags / Cages Replacement	500,000	2,243	497,757	100%
EP N1 CT Acid Pumps Reconfiguration	75,000	79,698	(4,698)	-
N1 Economizer ash diversion to bottom ash silo	250,000	492	249,508	100%
N1 Mill dampers HA,CA, Vel,	320,000	246,537	73,463	23%



KANSAS CITY BOARD OF PUBLIC UTILITIES
Construction Summary
 As Of May-24

PROJECT DESCRIPTION	BUDGET AMOUNT	YTD EXPENDED	REMAINING BALANCE	% REMAINING
N1 Control valve replacements, Various	250,000	-	249,999	100%
N1 CDS Reactors Structure/Liner Repair/Replacement	1,000,000	65,076	934,924	93%
N1 Steam inert piping modification	450,000	5,788	444,211	99%
N1 Sequential tripping turbine and overspeed	400,000	55,095	344,904	86%
Nearman Plant Unit 1	\$5,395,000	\$596,870	\$4,798,126	89%
CT2 Control System Upgrade	750,000	-	749,999	100%
CT2/CT3 Oil Tank Modification	300,000	-	299,999	100%
Quindaro Plant CT2	\$1,050,000	\$0	\$1,049,998	100%
CT3 Control System Upgrade	750,000	-	749,999	100%
QC CT 2&3 Security fence, Cameras, and work area	50,000	-	50,000	100%
Quindaro Plant CT3	\$800,000	\$0	\$799,999	100%
QC Levee Improvements per COE	340,000	-	339,999	100%
Quindaro Plant Common	\$340,000	\$0	\$339,999	100%
All Electric Capital Projects	\$35,637,101	\$8,406,121	\$27,230,950	76%



KANSAS CITY BOARD OF PUBLIC UTILITIES Construction Summary As Of May-24

PROJECT DESCRIPTION	BUDGET AMOUNT	YTD EXPENDED	REMAINING BALANCE	% REMAINING
All Water Capital Projects				
Water Main Adjustment-Billable	7,100	-	7,100	100%
Water Development Main Expense	370,000	1,217,247	(847,247)	-
Reimbursable Water Mains	\$377,100	\$1,217,247	(\$840,147)	(223)%
Water Distrib System Relocations	280,000	33,501	246,498	88%
Water Distrib System Improvements	400,000	541,163	(141,163)	-
UG/CMIP Water Distrib Projects	1,300,000	1,222,016	77,984	6%
Water Distrib Valve Improvements	600,000	259,758	340,242	57%
Water Distrib Fire Hydrant Program	552,000	117,625	434,375	79%
Water Distrib Master Plan Improvements	300,000	101,186	198,813	66%
Non Revenue Water Leak Detection	25,000	61,804	(36,804)	-
Water Distrib 12 Inch Main 36th Ave State Line to Rainbow Blvd	350,000	-	350,000	100%
Water Distrib Leak Project	150,000	117,411	32,588	22%
Water Distrib 12 Inch Main James St to Kansas Ave Bridge	400,000	-	399,999	100%
Water Distrib 12 inch Main Pacific at I-70 to Central Ave Bridge	800,000	-	800,000	100%
Aged Water Main Replacement	5,000,000	326	4,999,674	100%
Water Distribution	\$10,157,000	\$2,454,790	\$7,702,206	76%
Water Automobiles	153,000	125,609	27,391	18%
Water Radios	10,000	-	9,999	100%
Water Tools	200,000	1,305	198,694	99%



KANSAS CITY BOARD OF PUBLIC UTILITIES Construction Summary As Of May-24

PROJECT DESCRIPTION	BUDGET AMOUNT	YTD EXPENDED	REMAINING BALANCE	% REMAINING
Water Work Equipment	600,000	10,719	589,280	98%
Water Equipment	\$963,000	\$137,633	\$825,364	86%
Civil Engineering Facility Improvement	356,500	(524)	357,023	100%
Water Oper Facility Improvement	286,900	277	286,623	100%
Water Prod Facility Improvement	330,000	67,466	262,534	80%
Water Facility Improvements	\$973,400	\$67,219	\$906,180	93%
Civil Engineering Furnishings & Equipment	25,000	-	24,999	100%
Water Oper Furnishings & Equipment	17,000	-	17,000	100%
Water Prod Furnishings & Equipment	30,000	-	30,000	100%
Water Furnishings and Equipment	\$72,000	\$0	\$71,999	100%
Civil Engineering Grounds	15,000	-	15,000	100%
Water Operations Grounds	165,000	-	165,000	100%
Water Production Grounds	117,000	-	117,000	100%
Water Grounds	\$297,000	\$0	\$297,000	100%
AMI-Automated Meter Reading	50,000	15,707	34,293	69%
6"-10" Water Meter Replacement	50,000	221	49,779	100%
1-1/2"-4" Water Meter Replacement	168,000	20,116	147,883	88%
5/8"-1" Water Meter Replacement	100,000	48,746	51,253	51%
12" & Over Water Meter Replacement	60,000	-	60,000	100%



KANSAS CITY BOARD OF PUBLIC UTILITIES Construction Summary As Of May-24

PROJECT DESCRIPTION	BUDGET AMOUNT	YTD EXPENDED	REMAINING BALANCE	% REMAINING
Water Meters	\$428,000	\$84,790	\$343,208	80%
NWTP Water Plant Emergency Generator	400,000	-	399,999	100%
NWTP Misc Projects	25,000	-	24,999	100%
NWTP Raw Water Pump Rehab	500,000	51,569	448,430	90%
Water Prod Facility Electrical Improvements	-	16,763	(16,763)	-
Water Prod High Service Improvements	-	(14,923)	14,923	-
Water Prod Raw Water Improvements	300,000	249,143	50,857	17%
Water Production Projects	\$1,225,000	\$302,552	\$922,445	75%
3" - 6" Water Service Replacement	27,000	33,105	(6,104)	-
1-1/4" - 2" Water Service Replacement	75,000	10,483	64,517	86%
3/4" - 1" Water Service Replacement	550,000	283,883	266,117	48%
8" & Over Water Service Replacement	50,000	6,792	43,208	86%
Water Services	\$702,000	\$334,262	\$367,738	52%
Argentine 7 MG Tank Replace	2,000,000	184,361	1,815,638	91%
Water Pump Station Controls	25,000	-	24,999	100%
Water Storage Improvements	25,000	-	24,999	100%
Water Transmission Improvement	250,000	81,504	168,496	67%
Water Transmission Valve Improve	140,000	21,009	118,991	85%
UG/CMIP Water Transmission Projects	3,000	-	3,000	100%
WO Trans Main 98th & Parallel	2,000,000	-	2,000,000	100%
WO KDOT 18th Street Bridge 24 Inch Trans Main Replacement	500,000	1,681	498,318	100%
WO Kansas River Crossing	4,000,000	23,792	3,976,208	99%

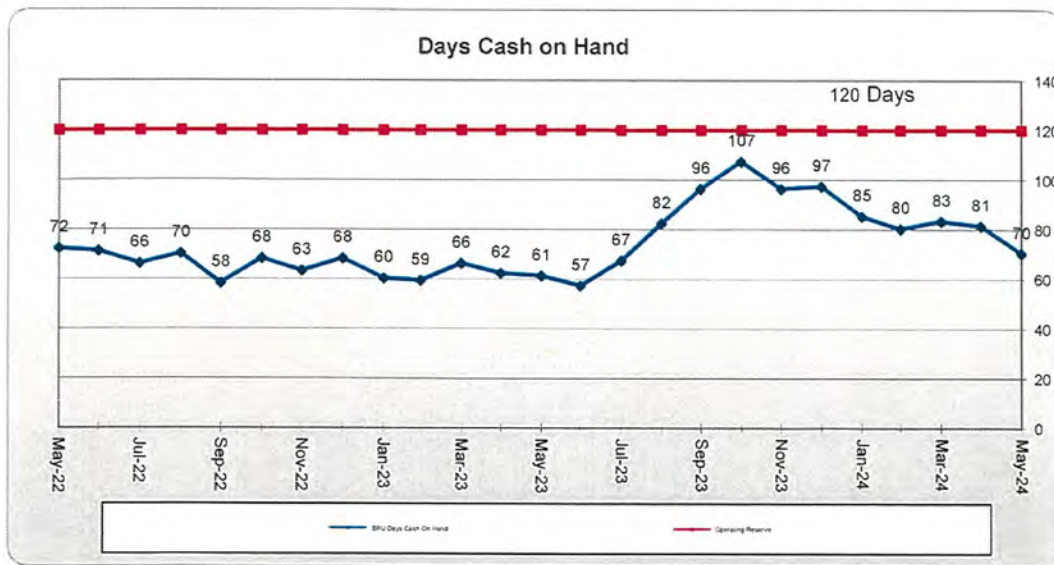
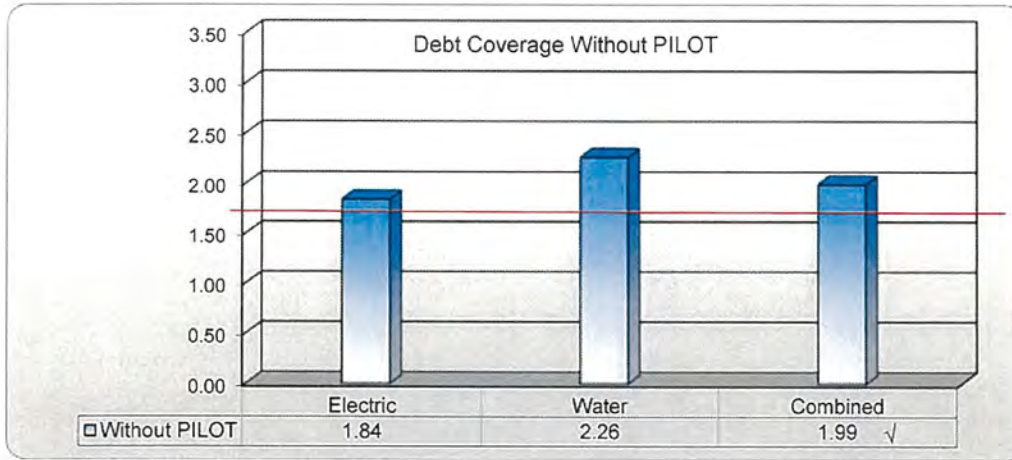
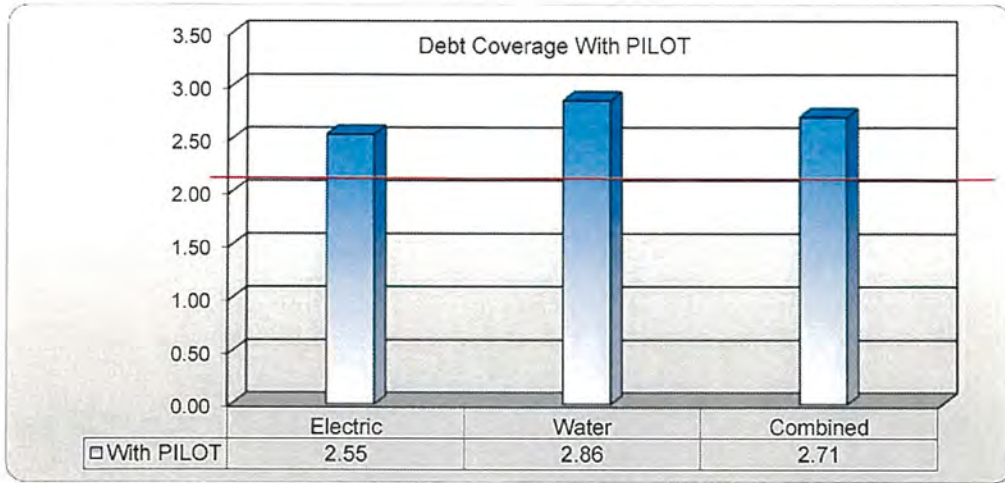


KANSAS CITY BOARD OF PUBLIC UTILITIES
Construction Summary
 As Of May-24

PROJECT DESCRIPTION	BUDGET AMOUNT	YTD EXPENDED	REMAINING BALANCE	% REMAINING
Paint 435 Elevated tank	500,000	478	499,522	100%
Parallel Pump Station Electrical Improvements	1,500,000	34,794	1,465,205	98%
Transmission Main Inspection	150,000	-	150,000	100%
Water Storage and Transmission	\$11,093,000	\$347,619	\$10,745,376	97%
Civil Engineering Technology	10,000	-	9,999	100%
Water Operations Technology	20,000	-	20,000	100%
Water Production Technology	5,000	-	5,000	100%
Water Technology	\$35,000	\$0	\$34,999	100%
All Water Capital Projects	\$26,322,500	\$4,946,112	\$21,376,368	81%
Grand Total	\$67,089,401	\$15,102,397	\$51,986,940	77%

BPU - Financial Metrics

May 31, 2024



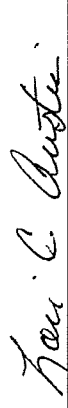
Note: Red Line indicates stated BPU's Financial Guidelines (PA-120-001) and targeted metrics in the 2023 Cost of Service Study.

Certificate of Calculation
Of Net Revenues for the
Board of Public Utilities
For The Month Ended
May 2024

According to the requirements of the Supplemental Indentures, as defined in the Second Amended and Restated Trust Indenture, dated as of June 1, 2014, effective as of December 8, 2016 and any Supplemental Indentures as defined in the Second Amended and Restated Trust Indenture, the Board of Public Utilities is required to calculate the Net Revenues of the Utility System for the twelve month period ending with such calendar quarter.

“Net Revenues” means the Revenues of the Utility System, less Operation and Maintenance Expenses.

	Electric 12 Months Ending <u>May 31, 2024</u>	Water 12 Months Ending <u>May 31, 2024</u>	Combined 12 Months Ending <u>May 31, 2024</u>
Revenues	\$ 314,876,470	57,204,030	372,080,500
Operating and Maintenance Expenses	(200,642,486)	(29,424,513)	(230,066,999)
Net Revenues	<u>\$ 114,233,984</u>	<u>27,779,517</u>	<u>142,013,501</u>
Maximum Annual Debt Service - Total Debt Coverage - Electric/2029 Water/2024 Combined/2024	\$ 44,880,036 2.55	9,696,209 2.86	52,424,285 2.71
Maximum Annual Debt Service - Parity Coverage - Electric/2030 Water/2025 Combined/2025	\$ 44,668,378 2.56	5,590,107 4.97	47,988,426 2.96



Lori C. Austin
CFO

Exhibit 1

REVENUES

	Electric	Water	Combined
	12 Months Ending	12 Months Ending	12 Months Ending
	<u>May 31, 2024</u>	<u>May 31, 2024</u>	<u>May 31, 2024</u>
Total Utility Revenues			
Residential Sales	\$ 85,072,872	26,206,811	111,279,683
Commercial Sales	116,863,960	13,161,991	130,025,951
Industrial Sales	48,630,077	6,412,304	55,042,381
Schools	10,853,327	702,267	11,555,594
Other Sales (1)	355,778	620,126	975,904
Wholesale Sales	12,392,328	1,456,696	13,849,024
Payment In Lieu Of Taxes	31,663,233	5,859,895	37,523,128
Interest Income and Other (2)	9,764,434	2,783,940	12,548,374
Bond Cost of Issuance	-	-	-
Deferred Revenue - Fuel/PP*	(681,254)	-	(681,254)
Less: Construction Fund Earnings	(38,285)	-	(38,285)
Total Revenues	\$ 314,876,470	57,204,030	372,080,500

*Revenue deferred for Energy Rate Component (ERC) reconciliation adjustment (FAS 71)

“Revenues” mean all income and revenue derived by the BPU from the management, operation and control of the Utility System or any Project or other part thereof, whether resulting from extensions, enlargements, repairs or betterments to the Utility System or otherwise, and includes all revenues received by the BPU from the Utility System, including rates and charges imposed by the BPU with respect to the Utility System and from the sale and use of services and products of such Utility System, and includes all income derived from the investment of monies in any of the Funds established herein (the Indenture of Trust dated June, 2014) except those monies in the Construction Fund derived from Bond proceeds, but such term shall not include proceeds paid with respect to any loss incurred by the Utility System covered by an appropriate insurance policy and shall not include extraordinary revenues.

Notes: (1) Other sales includes: highway lighting, public authorities, fire protection and other non-operating income

(2) Interest income and other includes: forfeited discounts, connect/disconnect fees, tower/pole attachment rental, ash disposal, interest on investments and other miscellaneous non-operating revenues.

Exhibit 2

OPERATIONS AND MAINTENANCE EXPENSES

	Electric	Water	Combined
	12 Months Ending	12 Months Ending	12 Months Ending
	<u>May 31, 2024</u>	<u>May 31, 2024</u>	<u>May 31, 2024</u>
Operating Expenses*	\$ 268,447,487	43,749,229	312,196,716
Less: Depreciation And Amortization	(36,141,768)	(8,464,821)	(44,606,589)
Less: Payment In Lieu of Taxes	(31,663,233)	(5,859,895)	(37,523,128)
Operating & Maintenance Expenses	<u>\$ 200,642,486</u>	<u>29,424,513</u>	<u>230,066,999</u>

*Excludes interest expense on outstanding Revenue Bonds.

“Operation and Maintenance Expenses” means the funds necessary to maintain and operate the Utility System, including, but not limited to, amounts of money reasonably required to be set aside for such items, the payment of which is not then immediately required, including all money necessary for the payment of the costs of ordinary repairs, renewals and replacements, salaries and wages, employees’ health, hospitalization, pension and retirement expenses, insurance premiums, legal, engineering, accounting and financial advisory fees and expenses and the cost of additional consulting and technical services, taxes (but not including payments in lieu thereof), other governmental charges, fuel costs, the cost of purchased power and transmission service, any current expenses or obligations required to be paid by the BPU by ordinance of the City or by Law, to the extent properly allocable to the Utility System under generally accepted accounting principles, the fees and expenses of any fiduciary, including those of the Trustee hereunder, and any other costs which are considered to be Operating and Maintenance Expenses in accordance with generally accepted accounting principles. Operation and Maintenance Expenses do not include payments in lieu of taxes, depreciation or obsolescence charges or reserves therefor, extraordinary or materially unusual or infrequently occurring expense items, amortization of intangibles, interest charges and charges for the payment of principal or amortization of bonded or other indebtedness of the City or the BPU, costs, or charges made therefor for capital additions, replacements, betterments, extensions or improvements to, or retirements from, the sale, abandonment, reclassification, revaluation or other disposition of any properties of the Utility System, and such property items, including taxes and fuel, which are capitalized by the BPU.

KANSAS CITY BOARD OF PUBLIC UTILITIES

CASH AND INVESTMENTS

	May 31, 2024 Electric	May 31, 2024 Water	May 31, 2024 Combined
Beginning Cash and Investments As of 01/01/24	\$ 62,556,384	\$ 23,999,611	\$ 86,555,995
Cash Receipts Year to Date	192,711,587	22,182,519	214,894,107
Cash Payments Year to Date	(197,019,926)	(20,168,739)	(217,188,666)
Cash and Investments as of 5/31/24	\$ 58,248,045	\$ 26,013,391	\$ 84,261,436
Restrictions of Cash and Investments			
Customer Deposit	\$ 6,279,921	\$ 1,383,227	\$ 7,663,148
Self Insurance Reserve - Public Liability	800,000	200,000	1,000,000
Self Insurance Reserve -Workers' Comp	880,000	220,000	1,100,000
ERC Reserve	4,000,000		4,000,000
Debt Service Fund	26,670,088	4,296,576	30,966,664
Debt Reduction Fund	-	6,290,000	6,290,000
Rate Stabilization Fund	9,156,273	-	9,156,273
Improvement and Emergency Fund	1,350,000	150,000	1,500,000
Ongoing Construction Reserve for 2024	4,762,500	677,000	5,439,500
System Development	-	12,573,588	12,573,588
Remaining Operating Reserve Requirement	31,873,115	1,911,258	33,784,373
Economic Development Fund	350,000	150,000	500,000
Total Restrictions	\$ 86,121,897	\$ 27,851,649	\$ 113,973,546
Unrestricted Cash and Investments	\$ (27,873,852)	\$ (1,838,258)	\$ (29,712,110)

* The unrestricted cash balance represents the amount needed to fully fund the reserve funds as established in the BPU Financial Guideline Policy 02-100-007