



Platte River
Power Authority

Estes Park • Fort Collins • Longmont • Loveland

Platte River orientation

February 6, 2025

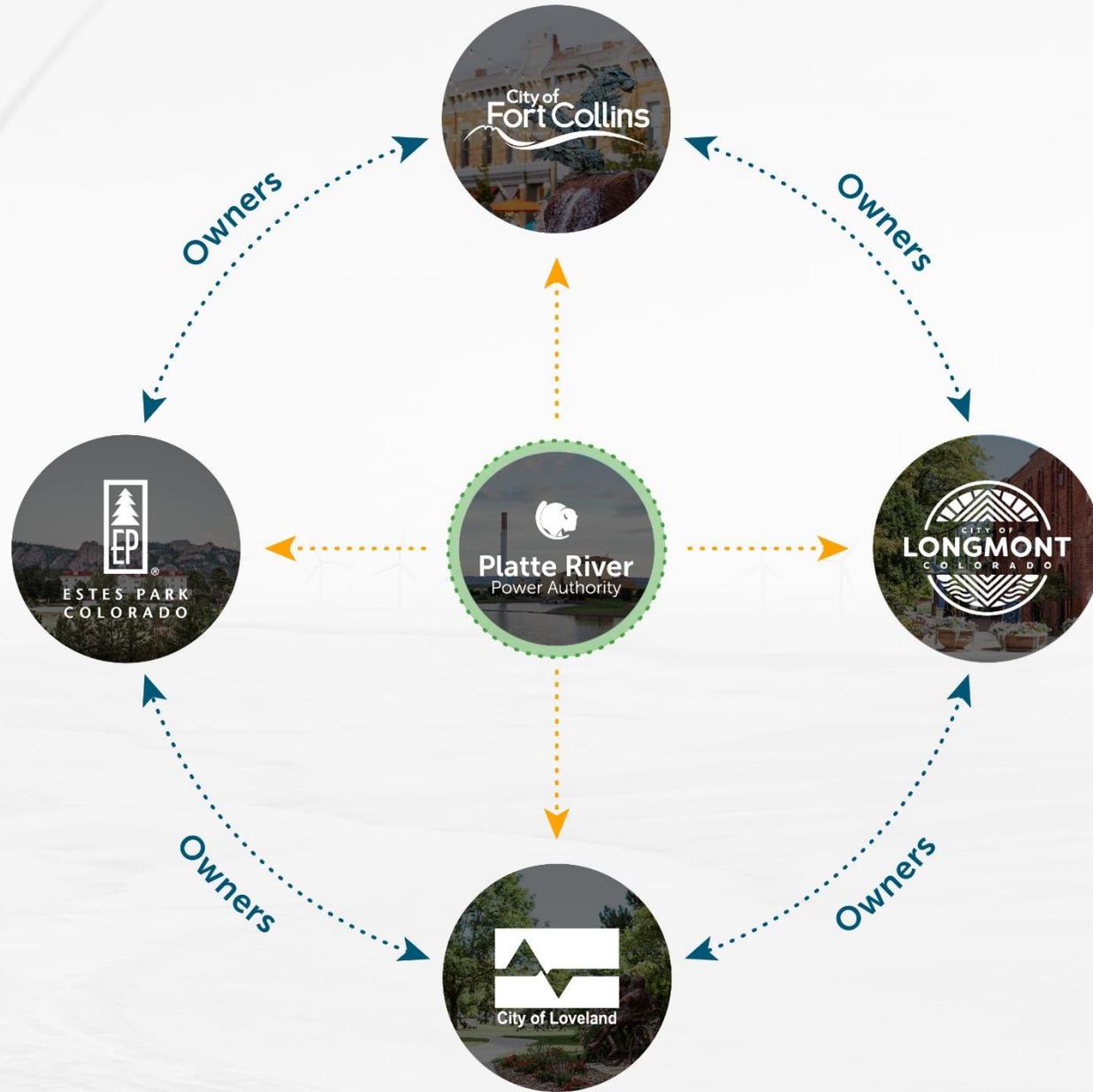
Agenda

- Welcome and Platte River overview, **Jason Frisbie**
- Administrative information, **Angela Walsh**
- Legal, environmental, compliance, **Sarah Leonard**
- Power supply, **Melie Vincent**
- Generation and transmission, **Travis Hunter**
- Information and operational technology management, **Mark Weiss**
- Finance, **Dave Smalley**
- Business strategies, **Kendal Perez and Libby Clark**



Welcome and overview

Jason Frisbie





About Platte River Power Authority

Platte River Power Authority is a not-for-profit, community-owned public power utility that generates and delivers safe, reliable, environmentally responsible and financially sustainable energy and services to Estes Park, Fort Collins, Longmont and Loveland, Colorado, for delivery to their utility customers.

At a glance



Headquarters
Fort Collins, Colorado



Peak demand
707 MW on July 28, 2021



General manager/CEO
Jason Frisbie



2025 projected deliveries of energy
4,411,566 MWh



Began operations
1973



2025 projected deliveries of energy to owner communities
3,287,172 MWh (42.5% renewable)



Employees
~300



Transmission system
28 substations and 806 miles of transmission lines



Resource Diversification Policy

Passed by Platte River's Board of Directors in 2018

Purpose

To provide guidance for resource planning, portfolio diversification and carbon reduction.

Goal

To support owner community clean energy goals, we will proactively work towards a 100% noncarbon resource mix by 2030 while maintaining our foundational pillars of providing reliable, environmentally responsible and financially sustainable energy and services.

Accomplished

- An organized regional market must exist with Platte River as an active participant

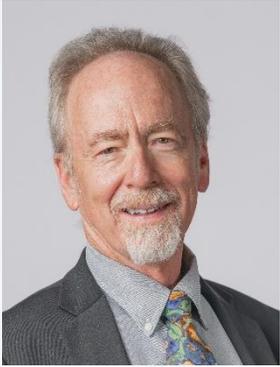
In progress

- Transmission and distribution infrastructure investment must be increased
- Transmission and distribution delivery systems must be more fully integrated
- Improved distributed generation resource performance
- Technology and capabilities of grid management systems must advance and improve
- Advanced capabilities and use of active end user management systems
- Generation, transmission and distribution rate structures must facilitate systems integration

Awaiting technology

- Battery storage performance must mature and the costs must decline
- Utilization of storage solutions to include thermal, heat, water and end user available storage

Platte River's Board of Directors



Gary Hall
Mayor
Town of Estes Park
Board member since April 2024



Reuben Bergsten
Director of utilities
Town of Estes Park
Board member since Jan. 2012



Jeni Arndt
Vice chair
Mayor
City of Fort Collins
Board member since April 2021



Tyler Marr
Deputy city manager
City of Fort Collins
Board member since Jan. 2024



Joan Peck
Mayor
City of Longmont
Board member since Nov. 2021



Darrel Hahn
Electric utilities director
Longmont Power & Communications
Board member since Oct. 2024



Jacki Marsh
Mayor
City of Loveland
Board member since 2017



Sharon Israel
Director of Loveland
Water and Power
Board member since Jan. 2025

Platte River's Senior Leadership Team



Jason Frisbie
General
manager/CEO



Travis Hunter
Chief generation and
transmission officer



Sarah Leonard
General counsel



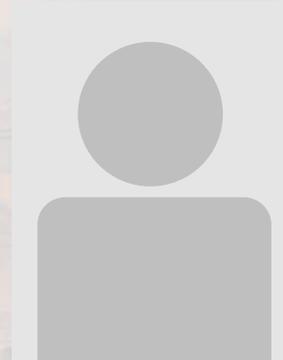
Dave Smalley
Chief financial officer
and deputy general
manager



Melie Vincent
Chief power
supply officer



Mark Weiss
Chief technology
officer



Vacant
Chief strategy
officer

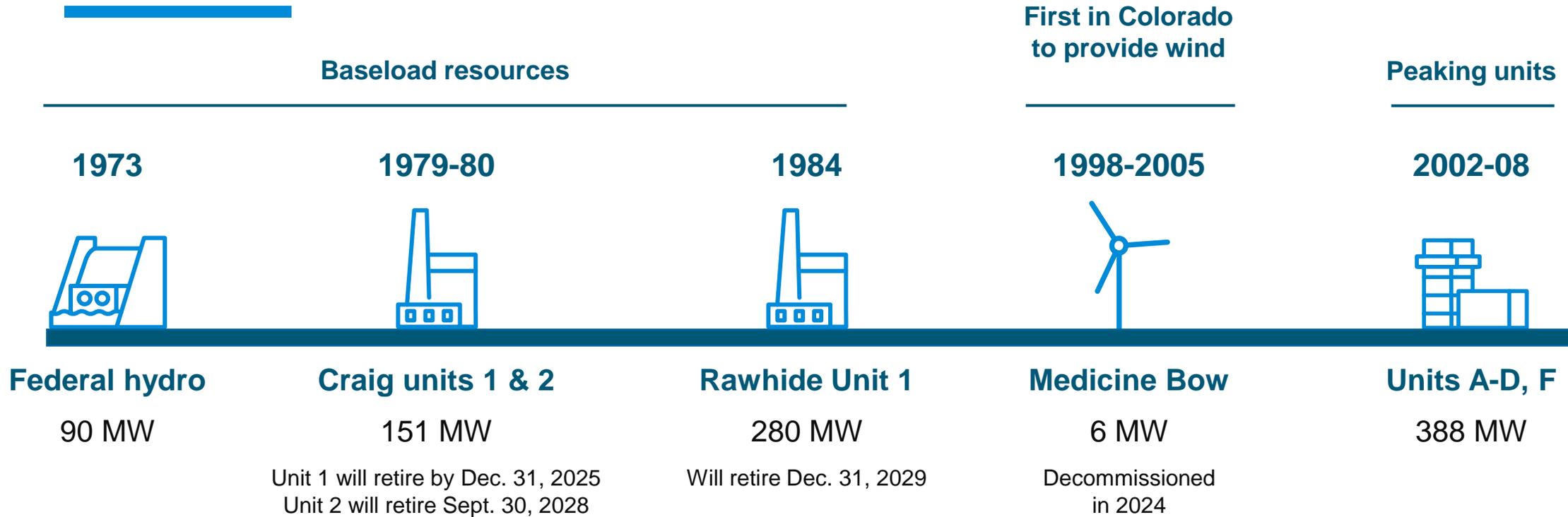


Angela Walsh
Executive director of
board and
administration, board
secretary

Organizational structure



Evolution of generation resources



Evolution of generation resources

Noncarbon energy

2009



Silver Sage

12 MW

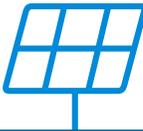
2014



Spring Canyon

60 MW

2016



Rawhide Flats Solar

30 MW

2018



**Resource
Diversification
Policy**

2020



Roundhouse Wind

225 MW

**2020 Integrated
Resource Plan
(IRP) approval**



Evolution of generation resources

Noncarbon energy

2021



Rawhide Prairie Solar

22 MW,
2 MWh storage

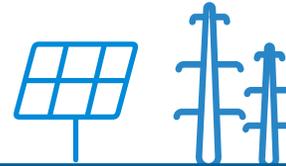
**Voluntary clean energy
plan filed with the state**

2024



**2024 IRP
approval**

2025

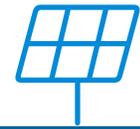


**Black Hollow Solar
(phase 1)**

150 MW

**Entry into Southwest
Power Pool's regional
transmission organization**

2026



**Black Hollow Solar
(phase 2)**

107 MW

Evolution of generation resources

Noncarbon energy + dispatchable capacity

2027



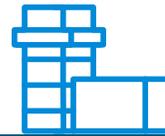
Wind + battery storage

200 MW (wind)

20 MW (community storage, 5 MW in each community)

100 MW (4 hour utility-scale storage)

2028



Aeroderivative turbines

210 MW

2028 IRP approval

2029-2030



Wind + dispatchable distributed resources

100 MW (wind)

30-100 MW (DER resources)



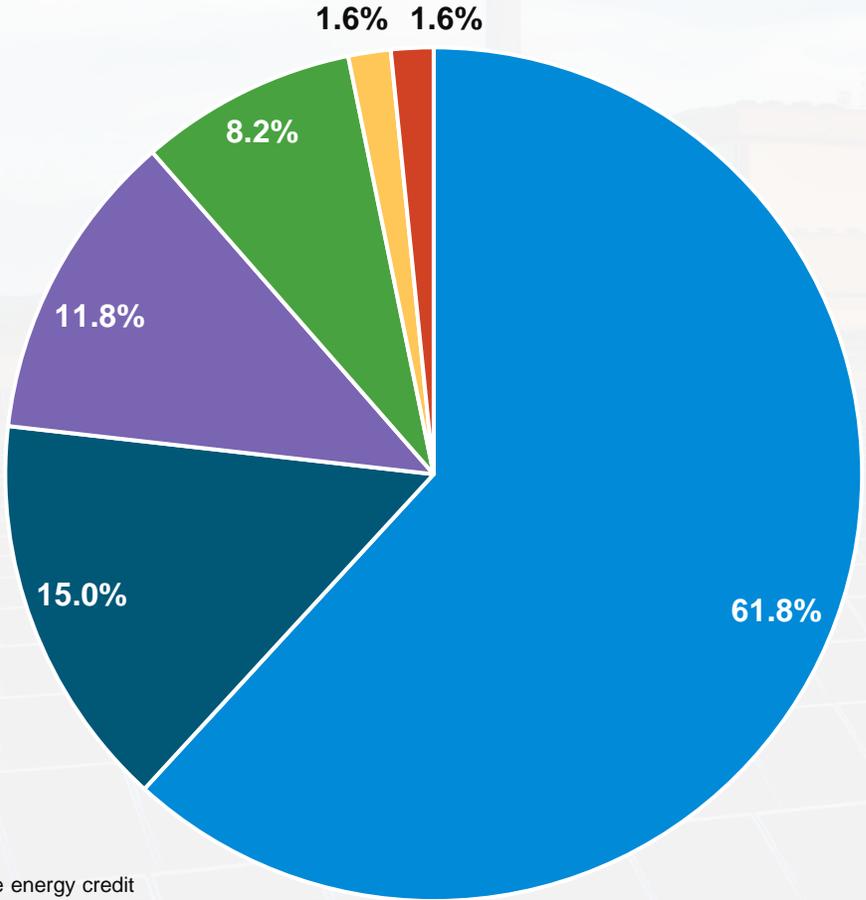
Foundational pillars

Platte River is committed to decarbonizing our resource portfolio without compromising our three pillars:

- Reliability
- Environmental responsibility
- Financial sustainability

2018 system total

24.8% noncarbon resources

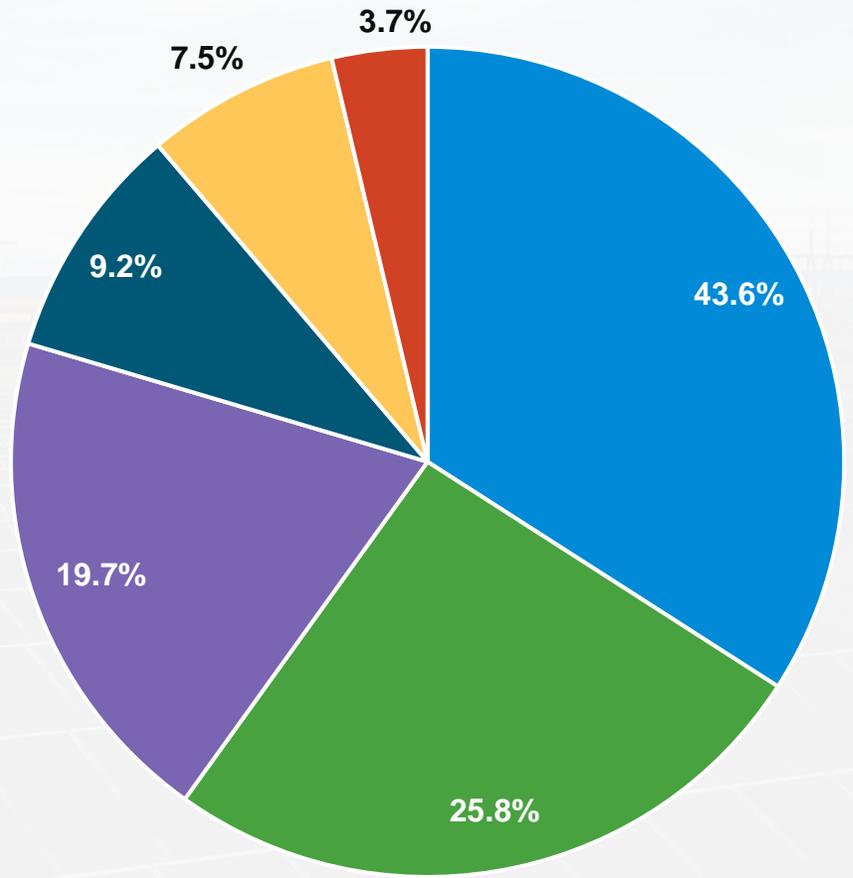


Includes renewable energy credit allocations to carbon resources

Due to drought conditions, not all hydropower may be considered noncarbon

2025 budget system total

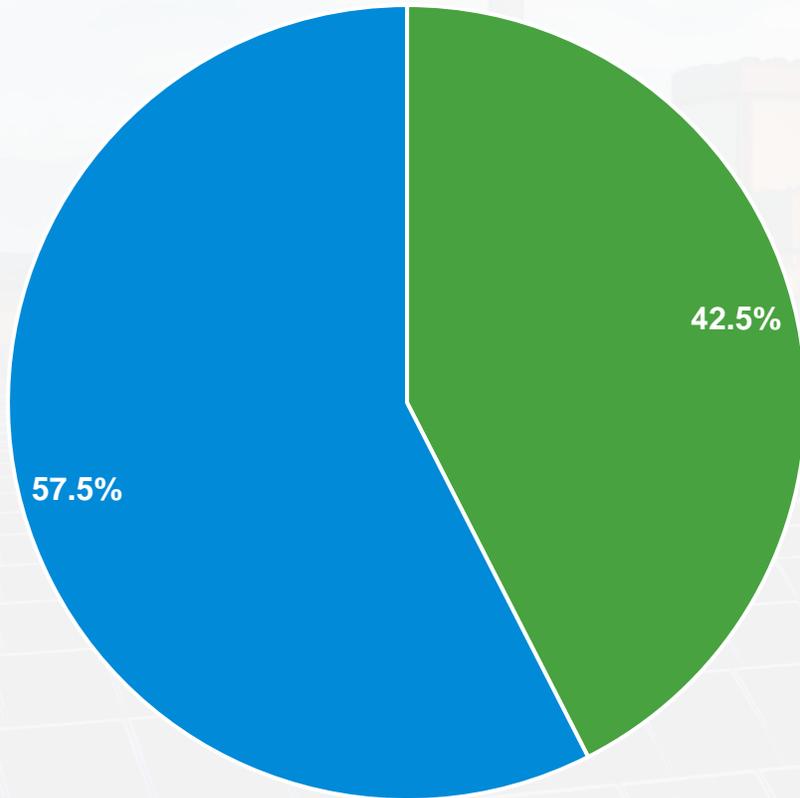
42.5% noncarbon resources



- Coal
- Wind
- Hydropower
- Solar
- Other purchases
- Natural gas

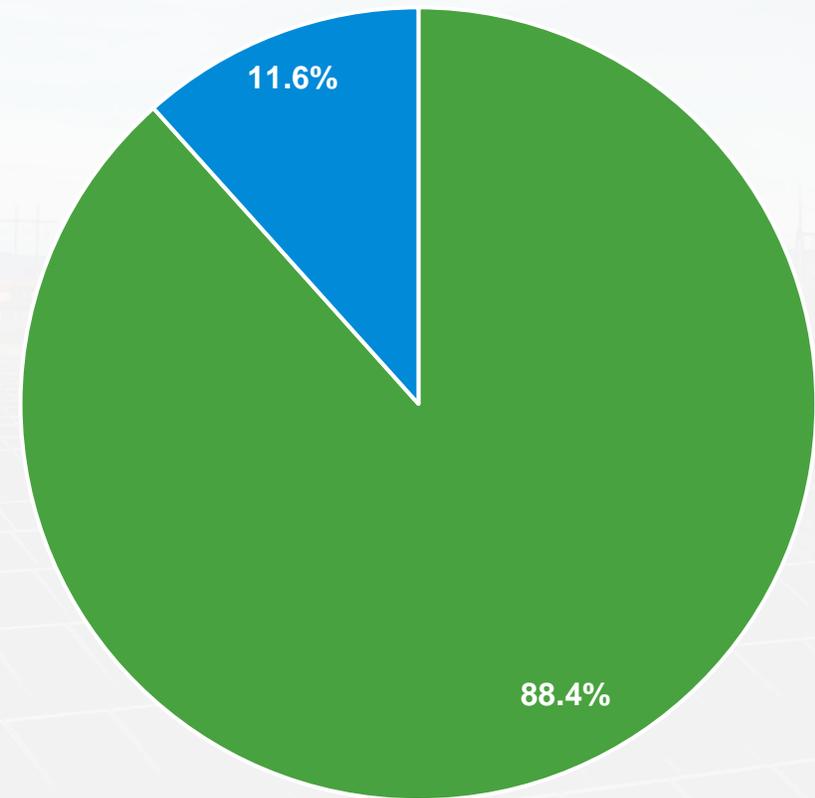
2025 budget system total

42.5% noncarbon resources



2030 projected system total

88.4% noncarbon resources



Includes renewable energy credit allocations to carbon resources

Due to drought conditions, not all hydropower may be considered noncarbon

■ Renewable resources

■ Dispatchable resources (includes purchases)

Collaboration

These initiatives represent the strategic investment of resources for the long-term benefit of Platte River and its owner communities and aligns with Platte River's vision, mission and values.



Innovative energy solutions

- Demand response
- Distributed generation
- Distributed storage
- Efficiency Works
- Electric vehicles
- Integrated resource plan
- Renewable supply options



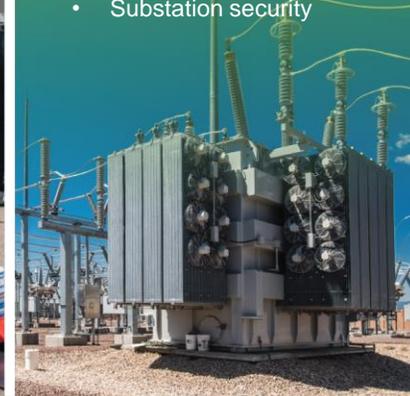
Community responsiveness

- Community relations and communication
- Rates framework



Regional services

- Customer information system
- Disaster recovery
- Distributed system maintenance
- Engineering services
- Environmental services
- Energy market
- NERC compliance
- SCADA services
- Substation security



Joint infrastructure

- Fiber optics
- Joint Technical Advisory Committee
- Regional water exchange and storage



Board decision making process

1. Whitepaper
2. Presentation
3. Board action



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Board of directors regular meeting

2000 E. Horsetooth Road, Fort Collins, CO 80525
Thursday, Dec. 12, 2024, 9 a.m.

Call to order

1. Consent agenda *Motion to approve*
 - a. Minutes of the regular meeting of Oct. 31 2024
 - b. 2025 proposed board of directors regular meeting schedule *Resolution 13-24*

Public comment

Committee report

2. Defined Benefit Plan committee report *Resolution 14-24*
 - a. Defined Benefit Plan committee appointment

Board action items

3. 2025 Strategic Budget review and adoption *Resolution 15-24*

Management presentations

4. Extending the Organic Contract and Power Supply Agreement revisions
5. Transmission planning strategy in an RTO
6. Transmission operations and costs in an RTO

Management reports

7. Benefits update
8. Economic development policy – direct community support

Monthly informational reports – October

9. Legal, environmental and compliance report
10. Resource diversification report
11. Operating report
12. Financial report
13. General management report

Strategic discussions

Adjournment

Key organizational documents

Content origination, editing and production

- Annual report
- Integrated resource plan
- Strategic budget
- Strategic plan
 - Resource diversification planning and integration
 - Community partner and engagement
 - Workforce culture
 - Process management and coordination

Questions



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Administrative information

Angela Walsh

Administrative information

As a board member or utility director, you will receive correspondence for:

- Board meetings and materials
- Utility director meeting materials and coordination
- Scheduling quarterly check-ins and one-on-one meetings
- Platte River-related travel and events per invitation

Administrative information

Board information page on website

- Board meeting materials and legal notices
- Utility directors' meeting materials and legal notices
- Board secretary email link for public comment submissions

- All board orientation materials and board approved policies are located on a separate link on our website

Board member orientation

Platte River Power Authority is a not-for-profit, community-owned public power utility that generates and delivers safe, reliable, environmentally responsible and financially sustainable energy and services to Estes Park, Fort Collins, Longmont and Loveland, Colorado, for delivery to their utility customers. Platte River's generation portfolio includes coal, wind, hydro, solar and gas resources.

Platte River is governed by an eight-person board of directors designed to bring relevant expertise to the decision making process. The board includes two members from each owner community. The mayor may serve or designate some other member of the governing board of their owner community to serve in their place on Platte River's Board of Directors.

[BOARD ORIENTATION PRESENTATION >](#)

Platte River overview and general information

- [Board member administrative information](#)
- [Distributed energy resource strategy](#)
- [Fiber management](#)
- [Glossary of industry terms and acronyms](#)
- Generation resources
 - [Coal](#)
 - [Hydropower](#)
 - [Natural gas](#)

Platte River's core operations documents

- [Annual report](#)
- [Board meeting governance document](#)
- [Fiscal resolution](#)
- [Organic contract](#)
- [Organization and governance of Platte River Power Authority](#)
- Power supply agreements
 - [Estes Park](#)
 - [Fort Collins](#)

Questions



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Legal, environmental and compliance

Sarah Leonard



Creation of Platte River Power Authority

- Evolved from a nonprofit corporation to a joint action agency
- Platte River as a governmental body
 - Formed in 1975 when the four owner communities created and signed the organic contract
 - Functions as an independent, self-supporting enterprise
 - Is a political subdivision of the state (sections 29-1-203 and 29-1-204 of Colorado Revised Statutes)
- The organic contract continues through 2060

Legal authority

Anything the owner communities can do, Platte River can do for them, as long as:

- All eight Platte River board members approve it
- Each participating owner community's attorney determines that the function, service or facility is lawful for that community
- Platte River's bond counsel determines that the function, service or facility is an "enterprise"
- Platte River minds the terms of the bond covenants and other relevant legal obligations under contracts and decrees

Governance characteristics

- Governed by an eight-member board of directors
- Two directors from each owner community
 - Historically the mayor and the utilities director or a council member selected for judgment, experience and expertise
- Intended to bring both technical and policy perspectives to decision-making process
- Strategic management model of board governance
 - Board provides oversight and policy guidance
 - General manager is responsible for operational management

Governance process document

- Reflects informal processes followed by previous boards
- Creates parliamentary rules of order
- Addresses additional areas, such as
 - General manager succession
 - Authority to sign agreements
- “Cheat sheet” of organic contract provisions

Regulatory and other characteristics

- Not subject to general rate-setting jurisdiction of
 - the Federal Energy Regulatory Commission (FERC)
 - the Colorado Public Utilities Commission
- FERC rules for organized markets do apply to Platte River as a market participant
- Preference customer for federal hydropower from the Western Area Power Administration
- Tax exemptions
- Public financing
- Subject to a range of Colorado statutes
 - Open meetings and public records laws
 - Budget and audit laws
 - Government immunity

Power supply agreements

- Agreement with each owner community
- Power supply agreements are the security for revenue bonds issued by Platte River
- “All requirements”
 - Platte River supplies essentially all owner community electricity requirements
 - Owner communities must buy all needed electricity from Platte River
 - Limited exceptions
- Currently effective through 2060
- Board reviews power (and transmission) rates annually; revises as necessary
- Recovery of transmission costs will change when Platte River enters the Southwest Power Pool (SPP) regional transmission organization

Questions



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Power supply

Melie Vincent



Portfolio strategy and resource planning

Clean energy transition and integration

Focus areas

- Portfolio strategy and resource integration
- Distributed energy resources and solutions
 - Efficiency Works
- Digital and operational technologies

Outcomes

- Integrated resource plan (IRP)
- Distributed energy resources (DER) strategy
- Data and system integration

Key areas of emphasis

Reliability and resource adequacy

- Climate change, more extreme weather and dark calms
- Reliability comes even more critical with electric vehicles and beneficial electrification
- Hedge against extreme prices and outage risk
- Portfolio diversity and fuel reliability
- Planning reserve margin requirements

Distributed generation

- New DERs
- DER potential
- Distributed energy storage
- DER management system

Emerging technologies

- Long-duration energy storage
- Hydrogen



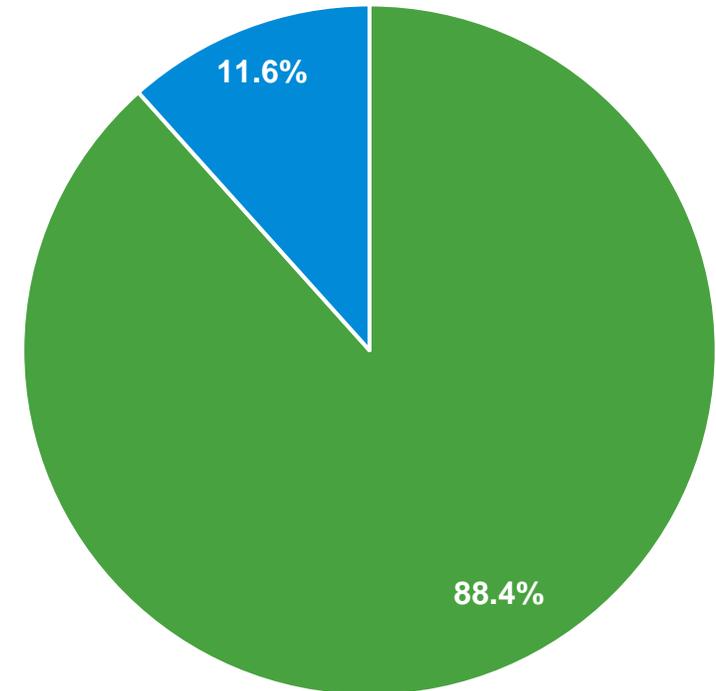
Key takeaways

2030 projected 11.6% dispatchable capacity

- **Long-duration storage**
 - Emerging technology of future interest
 - Current cost too high for limited benefit
- **Virtual power plant integration**
 - DER team established across owner communities working to accelerate the integration of DERs
- **Dispatchable thermal capacity**
 - Enables greater renewable output
 - Supports grid integrity
 - Reliability through dark calms
 - Hydrogen mix potential

2030 projected system total

88.4% noncarbon resources



- Renewable resources
- Dispatchable resources (includes purchases)



Power markets

Market structure history

Bilateral market



Legend

-  Generation (MWh) sales/purchases
-  Transmission service sales/purchases
-  Energy delivered (MWh)
-  Demand (kW) & Energy (kWh) delivered
-  Money flow (\$)

 Balancing Authority

Market structure history

Joint Dispatch Agreement (JDA)

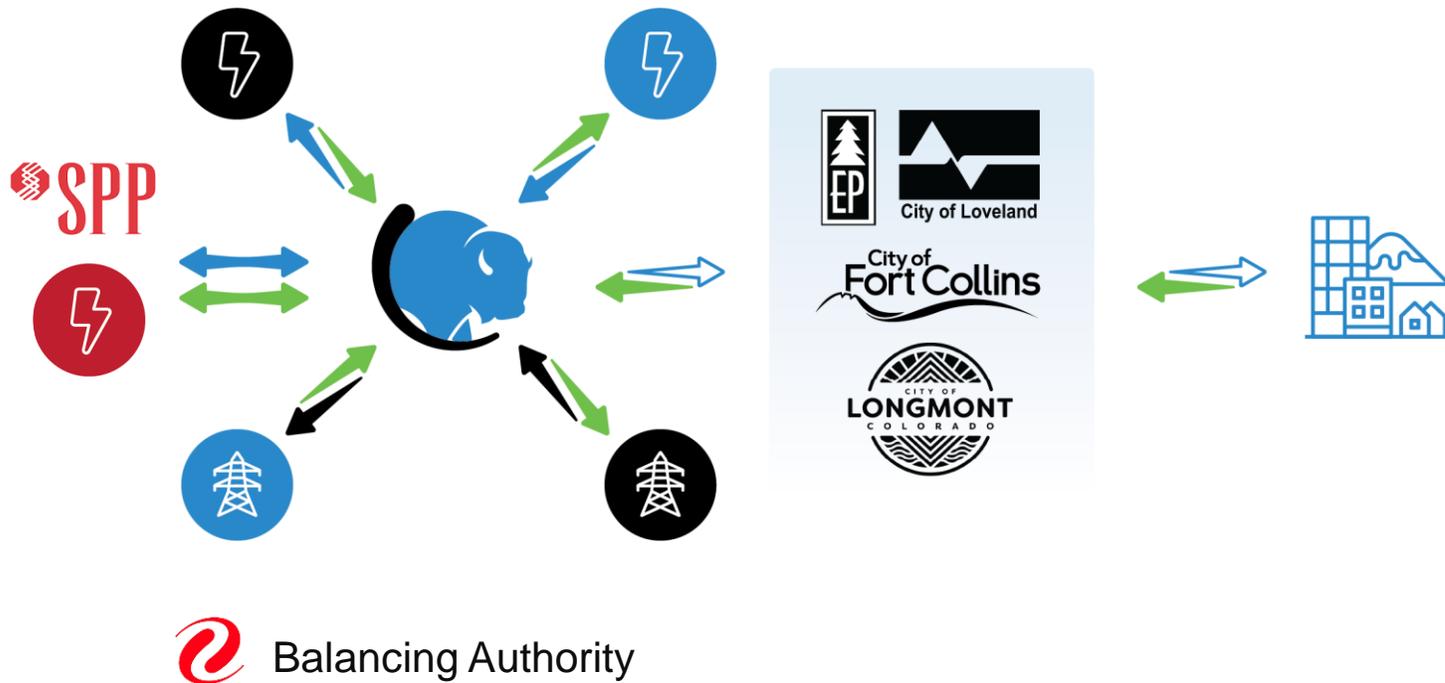


 Balancing Authority

- Maintains bilateral market ahead of real time
- Public Service Company of Colorado (PSCo), as the Balancing Authority, dispatches least-cost resources in real time
- Minimum JDA market price is \$0/MWh
- Originally three market participants
 - PSCo
 - Black Hills Energy
 - Platte River
- Colorado Springs Utilities joined later

Market structure history

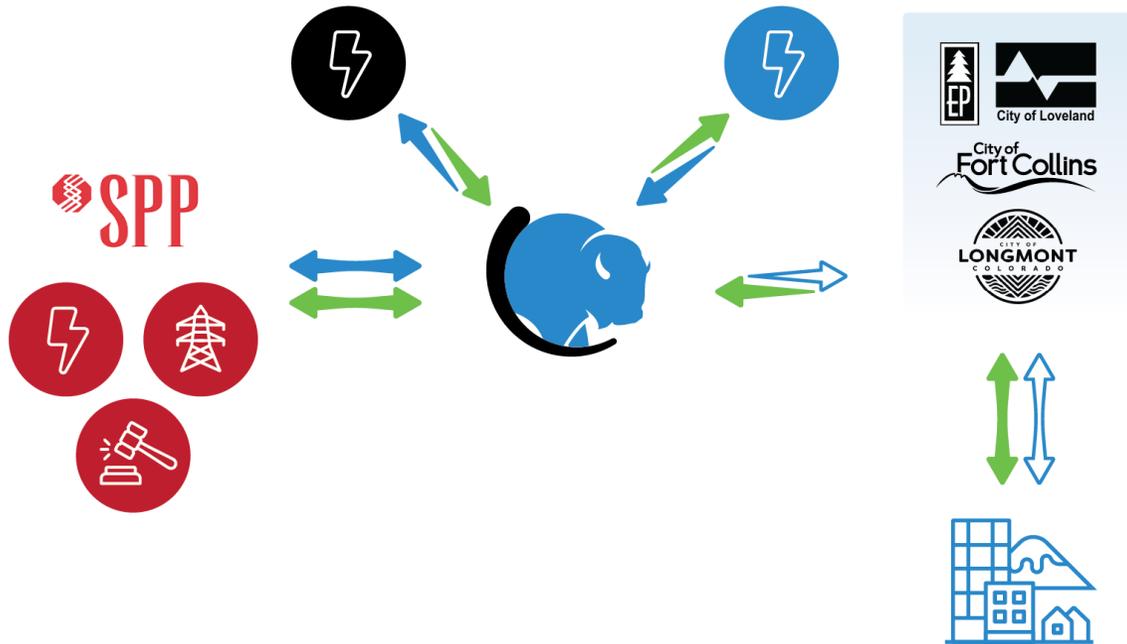
SPP WEIS



- Maintains bilateral market ahead of real time
- PSCo remains Platte River's Balancing Authority
- SPP dispatches least-cost resources in real time
- Market price goes below \$0/MWh
- Market participants
 - Basin Electric Power Cooperative
 - Black Hills Energy
 - Colorado Springs Utilities
 - Deseret Power Electric Cooperative
 - Guzman Energy
 - Municipal Energy Agency of Nebraska
 - Platte River Power Authority
 - Tri-State Generation and Transmission Association (Tri-State)
 - Western Area Power Administration
 - Upper Great Plains West
 - Rocky Mountain Region
 - Colorado River Storage Projects

SPP RTO West

RTO West starts April 1, 2026



- Minimal bilateral activity
- SPP becomes Platte River's Balancing Authority
- SPP commits, schedules and co-optimizes ancillary services for least-cost resource use in day ahead
- SPP commits and dispatches least-cost resources in real time
- Market price can go below \$0/MWh
- Resource adequacy requirement for all participants
- Congestion hedging via transmission revenue rights auction
- Expected market participants
 - Basin Electric Power Cooperative
 - Colorado Springs Utilities
 - Deseret Power Electric Cooperative
 - Municipal Energy Agency of Nebraska
 - Platte River Power Authority
 - Tri-State
 - Western Area Power Administration
 - Upper Great Plains West
 - Rocky Mountain Region
 - Colorado River Storage Projects



Distributed energy resources



Efficiency Works is a **regional utility collaboration** that provides guidance and resources to enable **customers to use energy effectively**

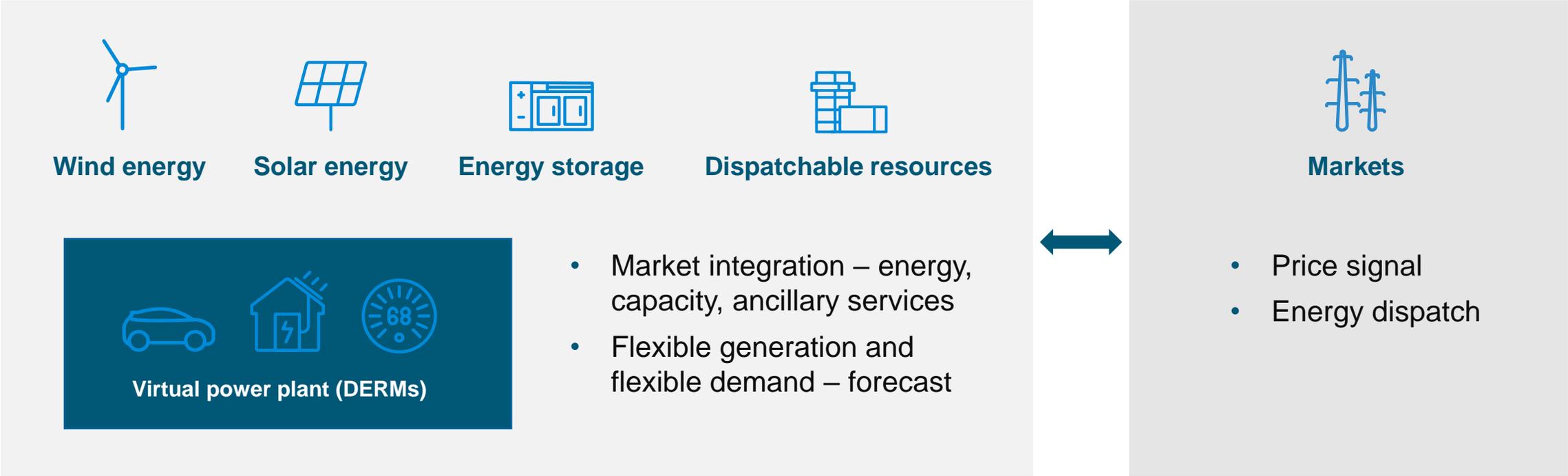
Providing distributed energy solutions:

- ✓ Energy advising
- ✓ Product information and education
- ✓ Facility and home assessments
- ✓ Targeted incentives
- ✓ Income qualified programs
- ✓ Electrification and efficiency (electric vehicles and buildings)
- ✓ Enrollment in virtual power plant (VPP) programs

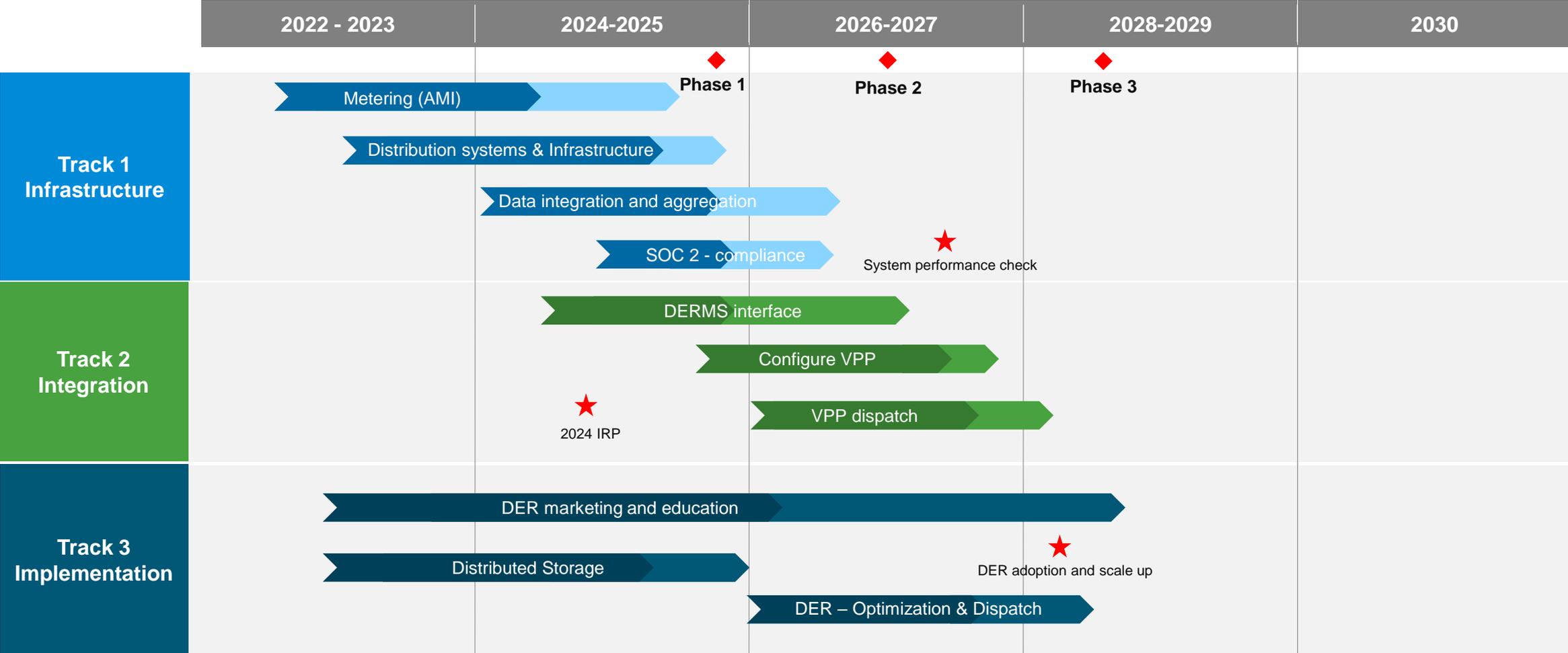


System integration

Platte River's resources will integrate VPP with the energy market



System integration roadmap – owner communities





Fuels and water

Platte River fuel supply

Fuel supply for coal generation resources

Rawhide Energy Station

- Historically 1.0 to 1.2 million tons of coal per year
 - Future demand anticipated to be 800-900 thousand tons per year
- Low-sulfur coal from Antelope Mine (Powder River Basin, Wyoming)
- Life-of-mine coal contract and long-term rail contract through December 2026
 - Fuel cost volatility mitigated through flexibility of existing contracts

Craig Station

- Historically 400,000 tons of coal per year
 - Future demand anticipated to be 200-300 thousand tons per year through 2025
- Fuel supply is Trapper Mine, adjacent to Craig Station
 - Platte River – one of three joint owners of Trapper Mine
 - No transportation costs
 - Current coal supply agreement is through December 2025
- Fuel costs are based on production costs – no market price volatility

Why Platte River needs water

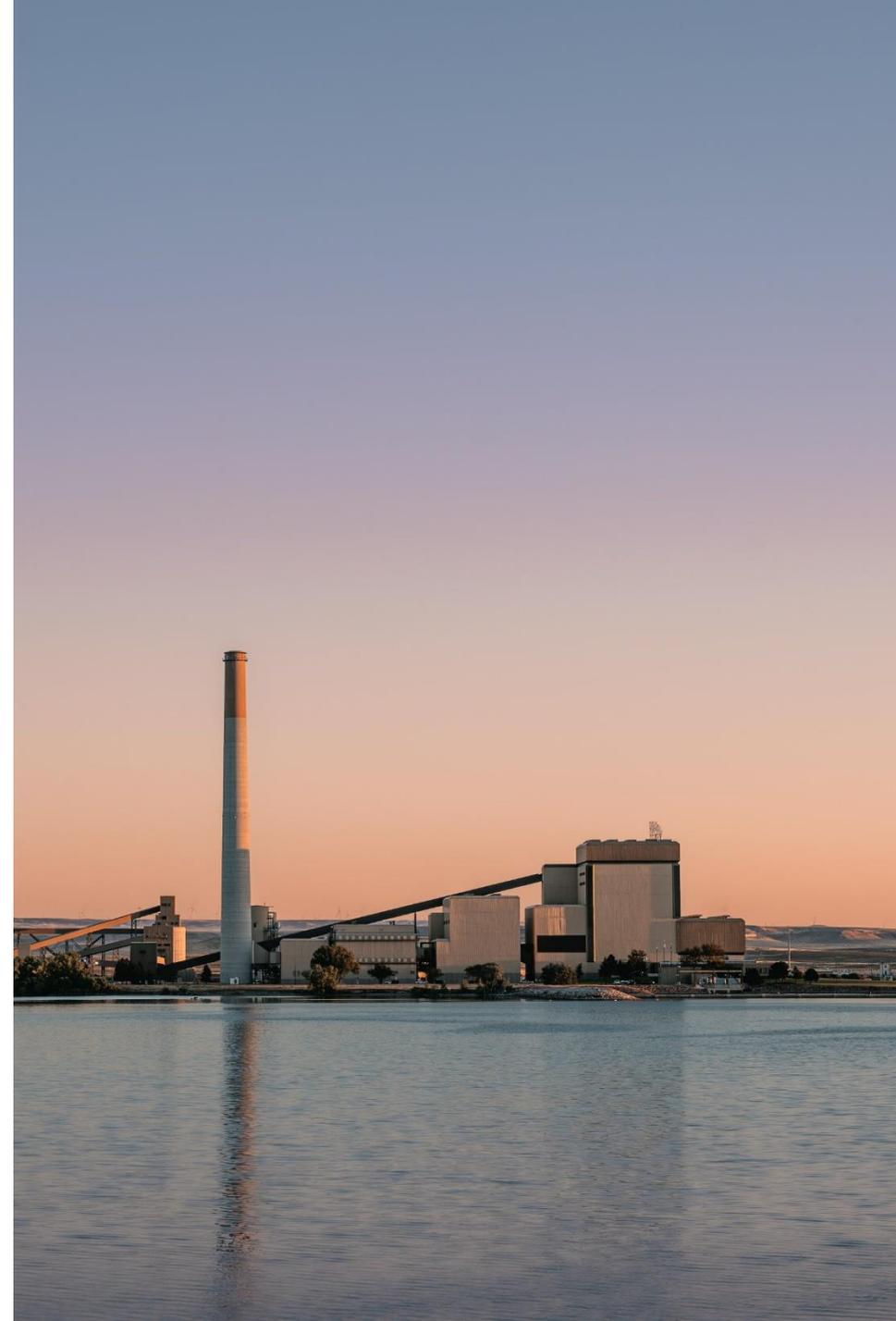
Electric generation at Rawhide Energy Station

Water needs

- Process water (400-500 acre-feet/year)
 - Sourced from Horsetooth Reservoir
- Cooling water (4,200 acre-feet/year)
 - Sourced from Drake water treatment facility
 - Reuse agreement with Fort Collins

Water supply sources

- Windy Gap project (primary)
- Poudre River (secondary)



Rawhide Energy Station water supply

Horsetooth Reservoir



Windy Gap
transfer to
Fort Collins



Process water
10-inch pipeline

Reusable
effluent

24-inch pipeline

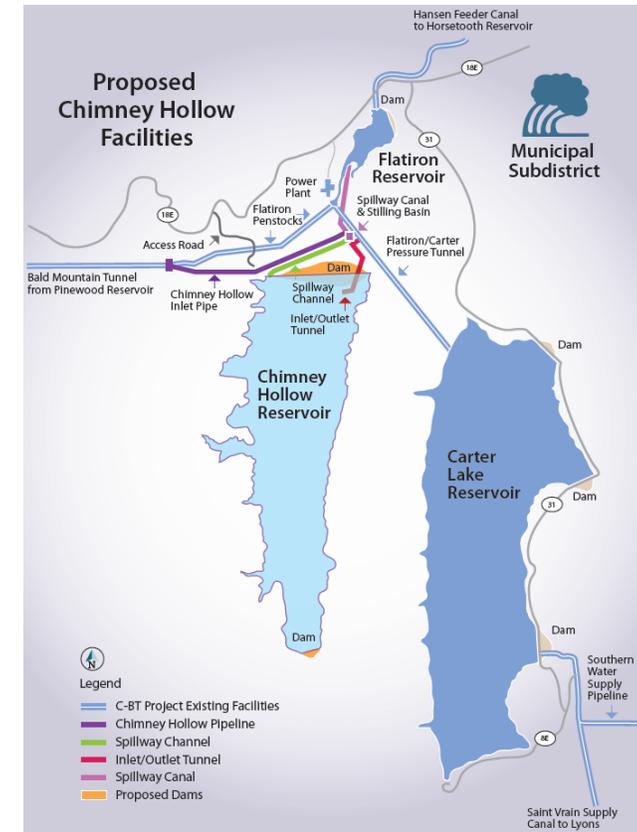
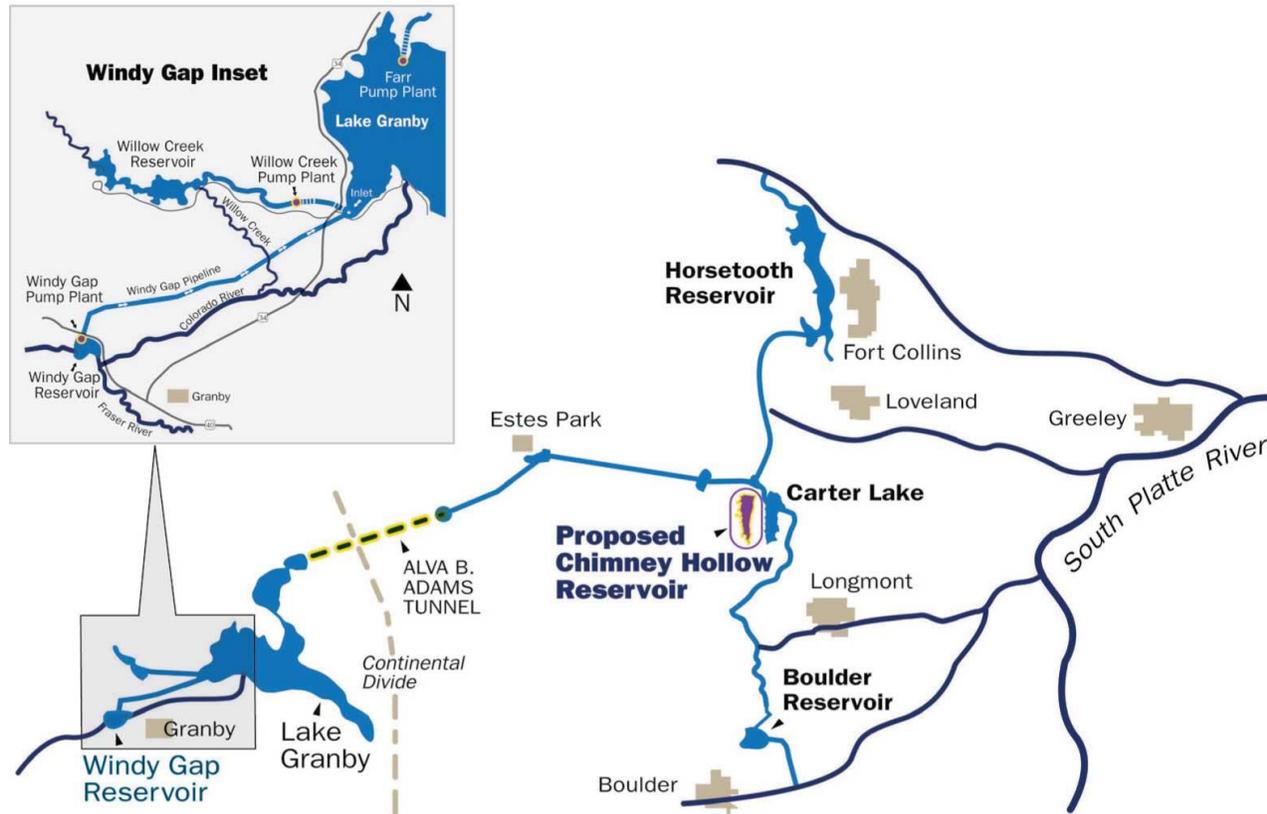
Rawhide Energy Station



Zero-discharge facility

Platte River water resources

Windy Gap Project and Chimney Hollow Reservoir Project



Platte River water resources

Windy Gap Project and Chimney Hollow Reservoir Project

Windy Gap Project

- Platte River has 107 units out of 480 units (started with 160 units)
- Yields between zero and 11,000 acre-feet/year
- Board approved the sale of up to 60 Windy Gap units
 - Sold 53 units to regional entities over the past few years
 - Received Firming Project storage capacity, rental water rights and approximately \$115 million in proceeds

Chimney Hollow Reservoir

- Platte River's share provides 16,000 acre-feet of storage
- Will firm Platte River's annual water supply (current and future needs), even with a two-to-three-year drought period
- Construction began in 2021; target completion in 2025

Questions



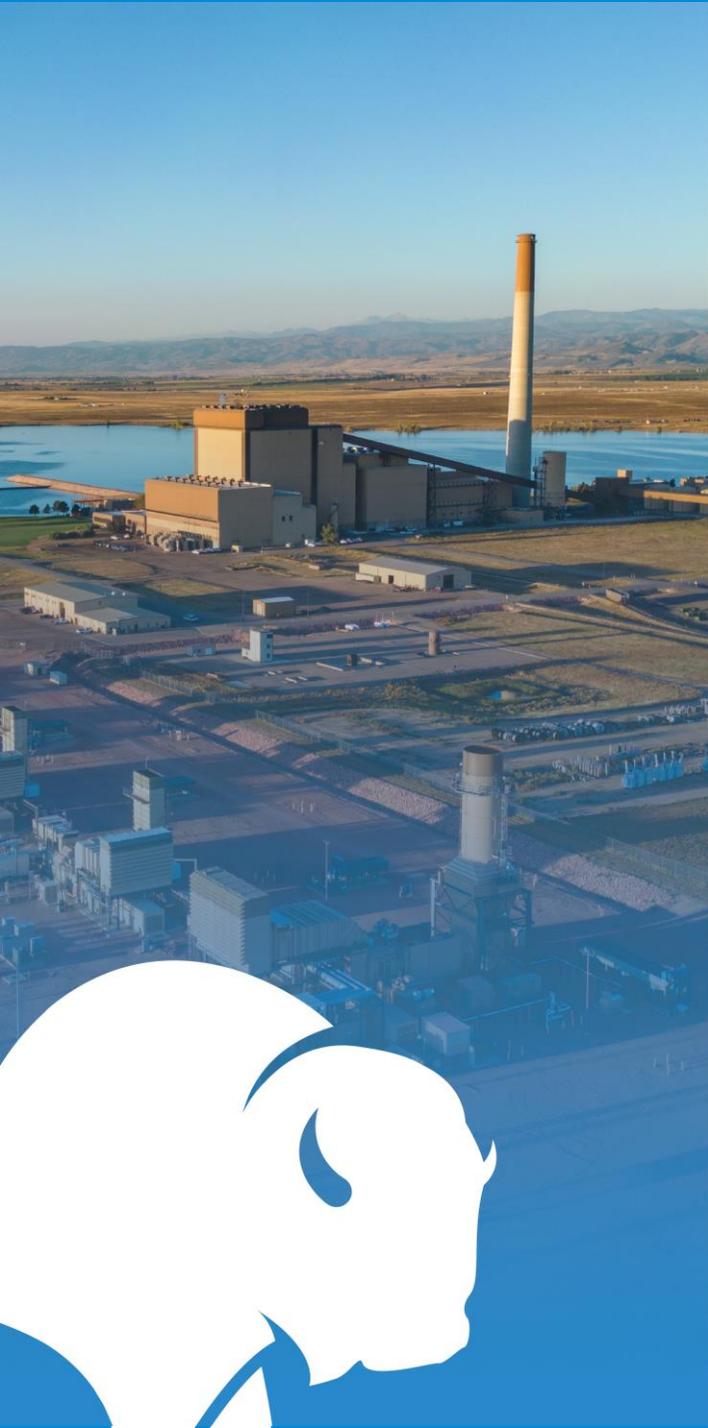
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Generation and transmission

Travis Hunter



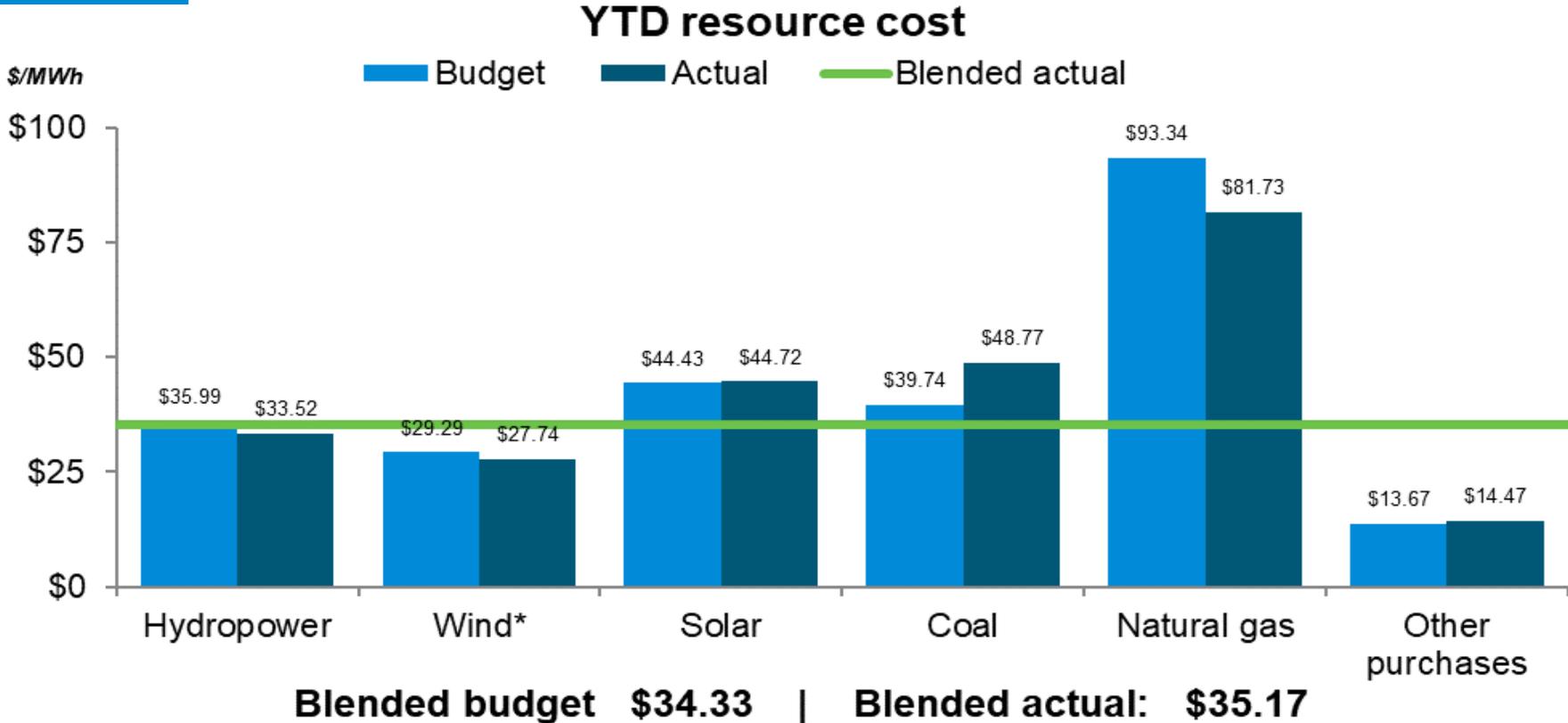
Power generation



Current generation resources

Unit name	Fuel type	Net capacity (MW)	Commercial operation	Contract
Rawhide Unit 1	Coal	280	1984 (retiring 2029)	Original debt retired in 2018
Rawhide units A-D	Natural gas	260	Units A-C: 2002 Unit D: 2004	Debt retired in 2018
Rawhide Unit F	Natural gas	128	2008	No debt service
Loveland Area Project and Colorado River Storage Project	Hydropower	LAP summer: 30 CRSP summer: 50	1973	LAP contract: through 2054 CRSP contract: through 2057
Roundhouse Wind Energy Center	Wind	225	2020	Power purchase agreement through 2042
Medicine Bow Wind Project	Wind	6	1998	Decommissioned in 2024
Rawhide Flats Solar	Solar	30	2016	Power purchase agreement through 2036
Rawhide Prairie Solar and storage	Solar and storage	22, 2 MWh storage	2021	Power purchase agreement through 2041
Craig units 1 and 2	Coal	151	Unit 1: 1980 (r. 2025) Unit 2: 1979 (r. 2028)	Debt retired in 2009

2024 dispatch costs



*Some off-system wind renewable energy credits and associated energy have been sold to another utility – cannot be claimed as a renewable resource by Platte River or its owner communities.



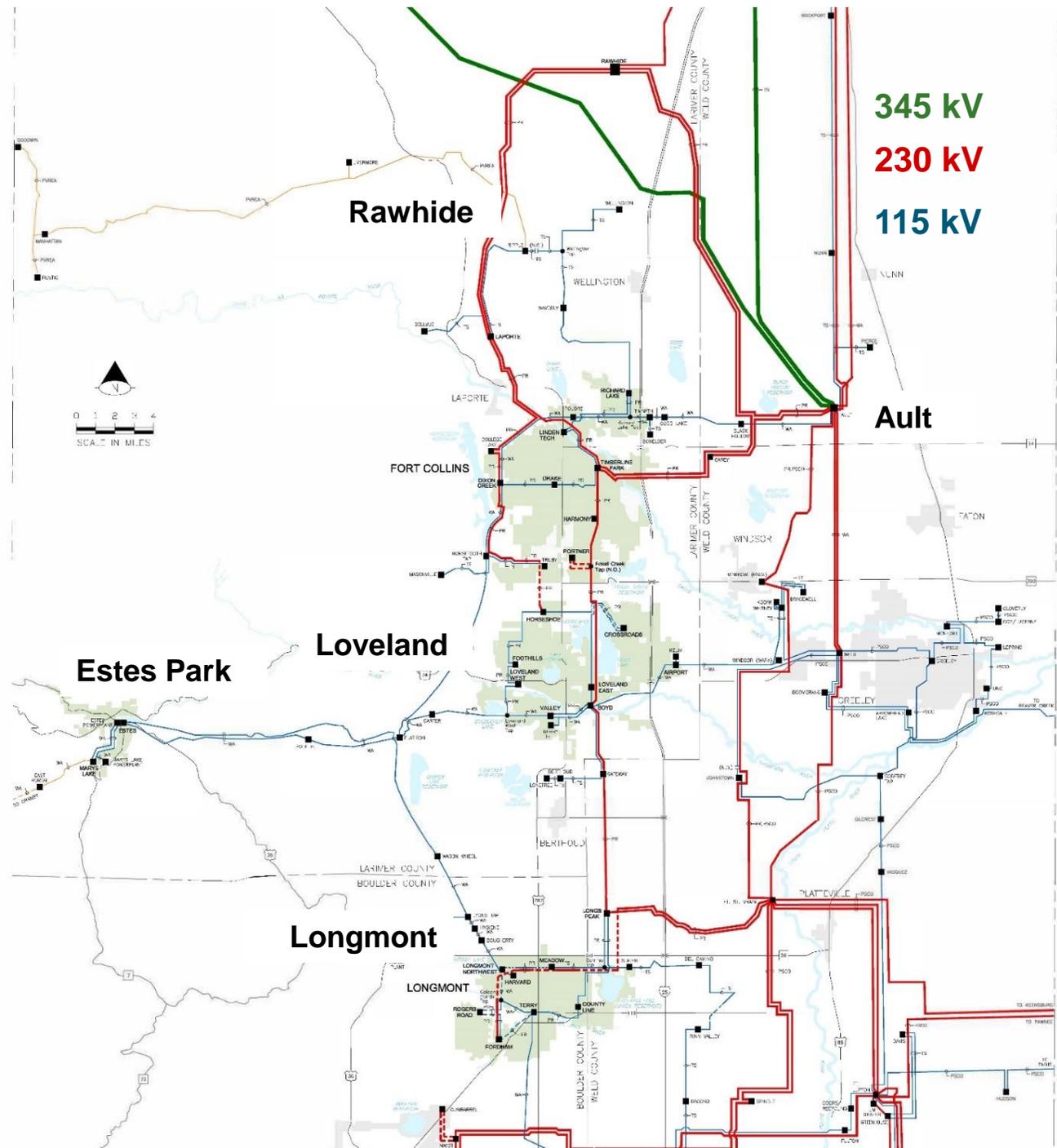
Power delivery

Transmission system facts

Platte River's transmission system has high-voltage power lines and substations that deliver power to the electric utilities of Platte River's owner communities

- 28 substations
 - Seven wholly owned substations
 - 21 city substations
 - 47 points of delivery at city transformers
- 806 miles of transmission lines
- 19-mile 230 kV generation tie-line to the Roundhouse wind project in Wyoming





345 kV

230 kV

115 kV

Rawhide

Ault

Estes Park

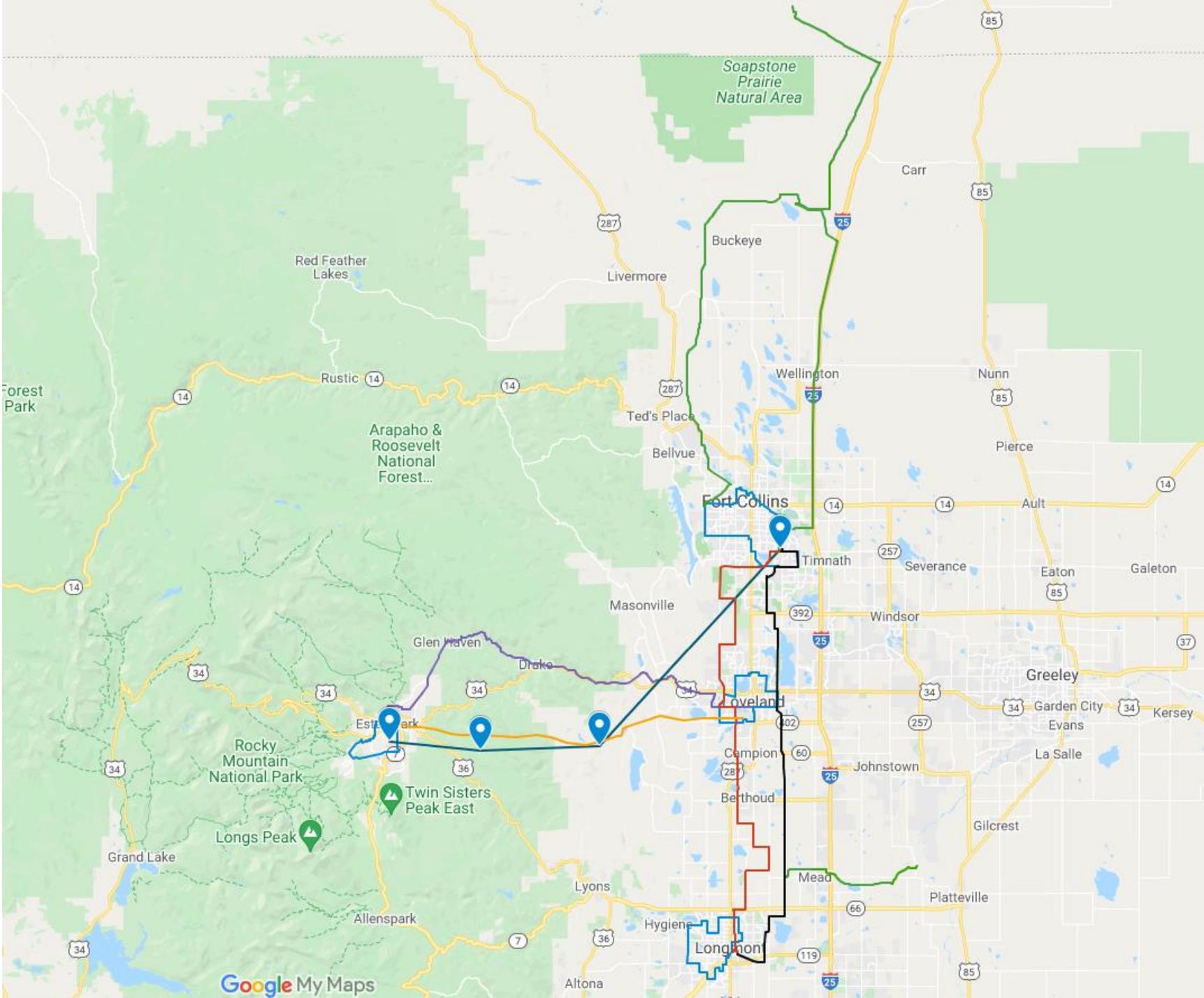
Loveland

Longmont



Platte River's regional fiber network

- Long haul east
- Long haul west
- Long haul 34
- City rings
- WAPA OPGW
- Estes-HQ microwave
- Lateral fibers



Questions



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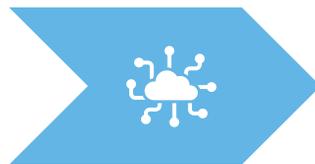
Information and technology

Mark Weiss

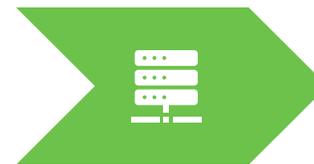


What we do

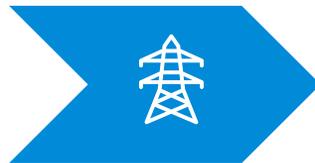
The information and technology group is responsible for operational technology, enterprise applications, infrastructure, client technology, cybersecurity, and project/portfolio management—all in support of the safe and reliable delivery of power to our owner communities.



Enterprise applications



Enterprise infrastructure



Operational technology



Client technology and endpoint security



Cybersecurity and information governance



Project/portfolio management

Guiding Principles



Execute effectively on projects

Collaborate and successfully execute projects to drive business outcomes.



Enhance operational excellence

Design and deliver secure, compliant, reliable, and efficient solutions aligned with organizational objectives.



Invest in technology staff

Enable high performing teams with the skills and capabilities required to deliver high quality results.



Advance data and analytics

Establish foundational capabilities in data management, data quality, and business intelligence.

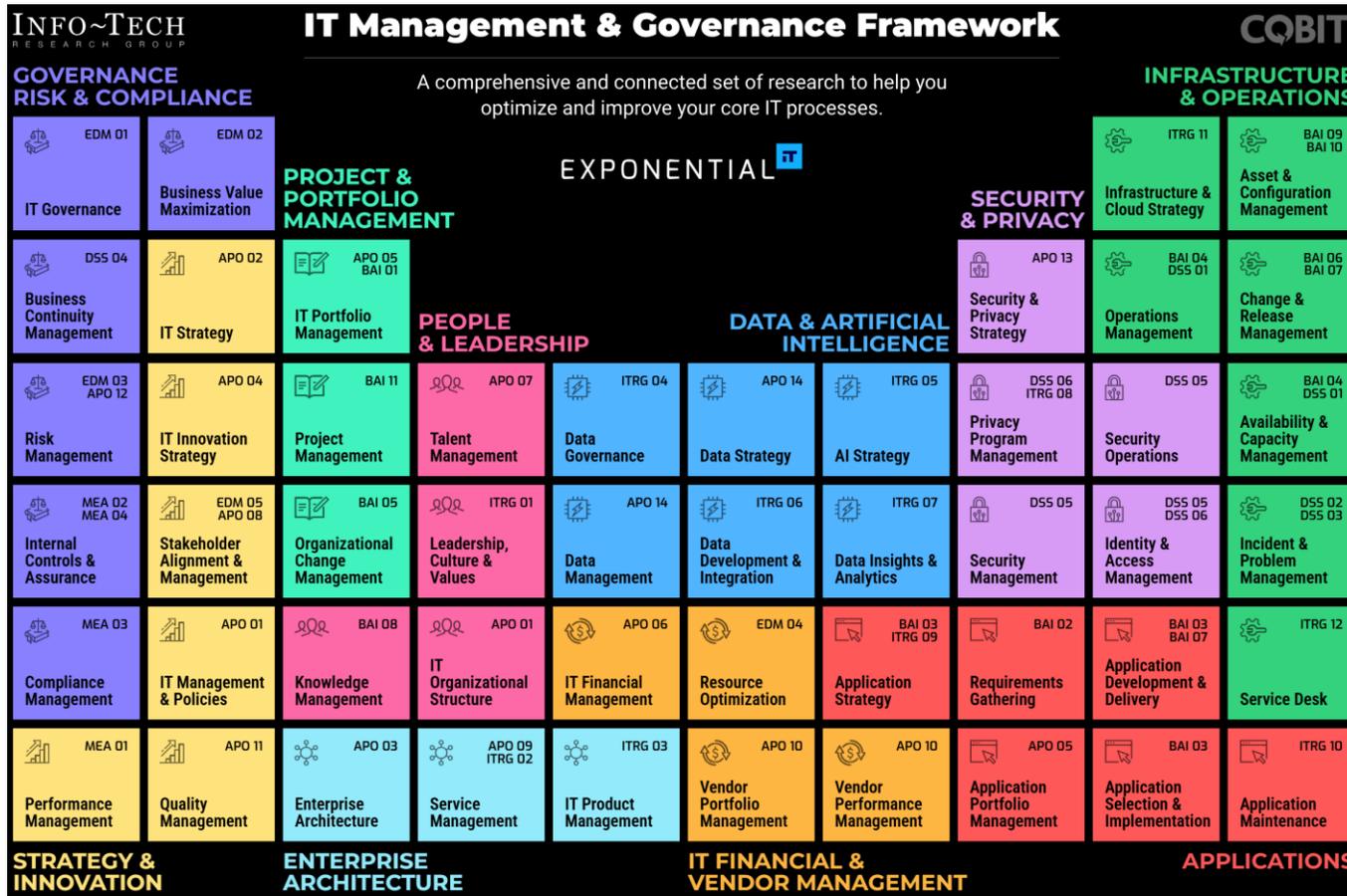


Maintain and enhance the customer experience

Provide teammates with the tools, technologies, and support to enable their success.



How we manage and measure results



We leverage InfoTech's Management and Governance framework as a basis for our strategy and governance model.

Using the framework, we measure our effectiveness across 10 strategic domains and 50 core processes.

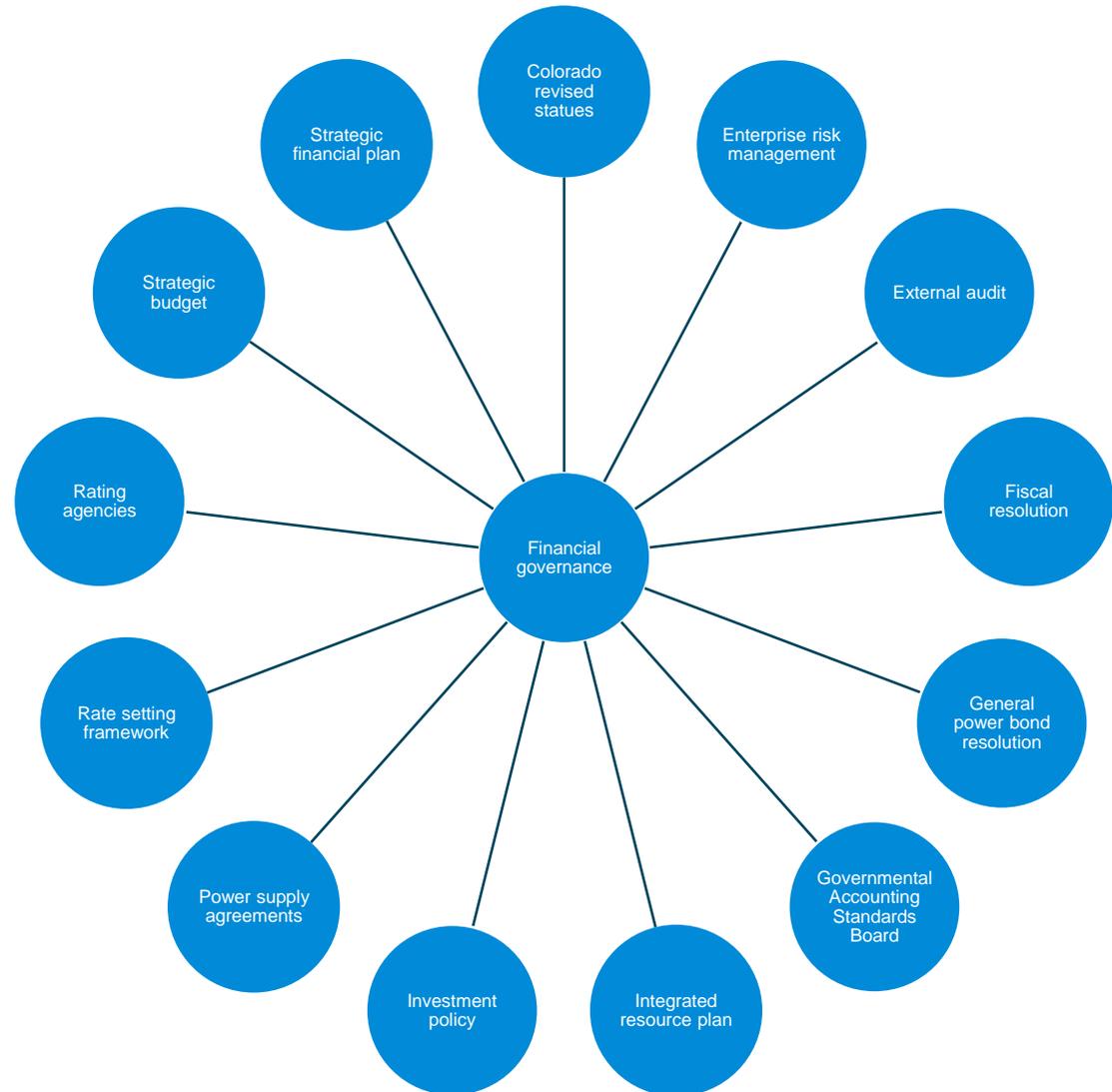


Finance

Dave Smalley

Platte River financial governance framework

- List of items that govern or influence our financial decisions
- Focus
 - Strategic Financial Plan
 - Wholesale rates
 - 2025 Strategic Budget
 - 2024 financial results



Strategic Financial Plan

Provides direction to create long-term financial sustainability, manage financial risk and support Platte River's vision, mission and values

- Generate adequate cash flows
- Maintain access to low-cost capital
- Provide wholesale rate stability
- Maintain sufficient liquidity for operational stability

Strategic Financial Plan

To meet objectives and requirements, staff established financial metrics and rate stability strategies

Financial metrics

- **Cash flow metric:** Generate minimum 1.50 times fixed obligation charge coverage ratio
 - Legal bond service coverage ratio requirement minimum 1.10 times
 - **Earnings metric:** Generate minimum change in net position equal to 3% of annual operating expenses
 - **Leverage metric:** Target adjusted debt ratio less than 50%
 - **Liquidity metric:** Target minimum 200 days adjusted liquidity on hand
-

Rate stability strategies

- Fiscal responsibility
 - Revenue generation
 - Expense management
 - Rate smoothing
 - Accounting policies to manage revenues and expenses for rate making purposes (GASB 62)
 - Multi-year rate smoothing strategies will also be used to avoid greater single year rate impacts or to accomplish specified financial objectives
-

Maintain AA credit rating

- Financial metrics
 - Provide balance between cash and debt financing
 - May not be met in all years if staff considers the deficiency temporary
- Financial flexibility
 - Obtain access to capital markets at a lower cost of capital
 - Take advantage of opportunities for capital investments, lower expenses and provide benefits to the owner communities
 - Manage industry-related financial risks
 - Respond in a timely and value-maximizing manner to unexpected changes
- Stable more predictable rates
- Long-term financial sustainability

Credit rating factors	
Broad rating factors	Description
1. Participant credit quality and cost recovery framework (25%)	<ul style="list-style-type: none"> • Unregulated rate-setting • Strong customer base and service area economy • Owner communities have very high credit quality
2. Resource risk management and exposure to environmental regulation (10%)	<ul style="list-style-type: none"> • Very strong energy resource risk management • Long-term competitive supply contracts • Somewhat diverse proven assets • Limited exposure to environmental regulation
3. Competitiveness (15%)	<ul style="list-style-type: none"> • Very competitive current and expected rates in the region or compared with neighboring utilities on a consistent basis
4. Willingness to recover costs with sound financial metrics (25%)	<ul style="list-style-type: none"> • Above-average rate setting record • Rates in alignment with financial metrics for AA category
5. Financial strength and liquidity	
a) Liquidity (10%)	<ul style="list-style-type: none"> • SFP metric: Adjusted minimum 200 days adjusted liquidity on hand
b) Leverage and coverage: Adjusted debt ratio 5% Fixed obligation charge coverage ratio 10%	<ul style="list-style-type: none"> • SFP metric: Target adjusted debt ratio less than 50% • SFP metric: Generate minimum 1.50 times fixed obligation charge coverage and minimum 1.10 times bond service coverage margin • SFP metric: Generate minimum change in net position equal to 3% of annual operating expenses



Wholesale rates

Board wholesale rates projections presentation – May

Board tariff schedules presentation – September

Board tariff schedules approval – October

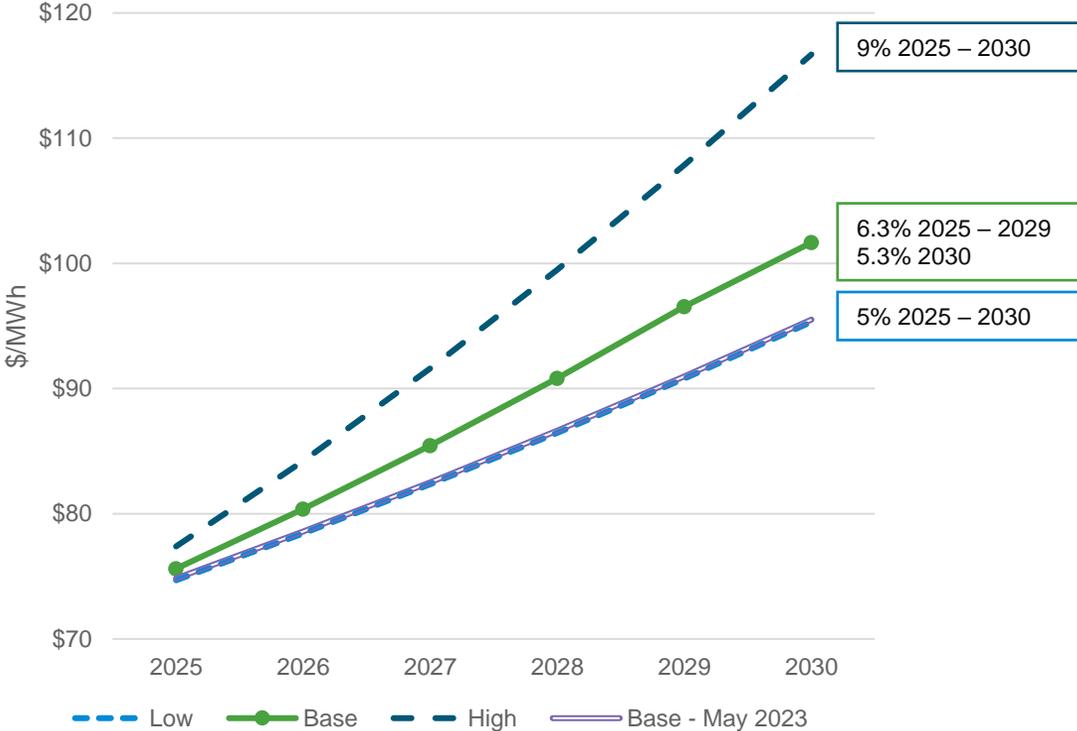
2025 Rate Tariff Schedules

Tariff	Description
Firm Power Service Tariff (Tariff FP-25)	Charged to the owner communities
Standard Offer Energy Purchase Tariff (Tariff SO-25)	Power production facilities that have registered with the Federal Energy Regulatory Commission as Qualifying Facilities under the Public Utilities Regulatory Policies Act and are electrically connected to Platte River’s transmission system or the distribution system of one of Platte River’s owner communities
Wholesale Transmission Service Tariff (Tariff WT-25)	Charged to third parties
Large Customer Service Tariff (Tariff LC-25)	Charges established through separate contract

Tariff schedules available on prpa.org

Average wholesale rate ranges

- May 2025 projections
 - 6.3% (2025 – 2029)
 - 5.3% (2030 – 2031)
 - 2.1% (2032 – 2034)
- Range of 5.0% to 9.0% annual increases from 2025 to 2030
- Annual board update: May



Projections are subject to change – information from May 2025

Modeling uncertainties

Key assumptions are uncertain. Potential assumption changes include, but are not limited to, the items detailed below:

- Asset integration schedule
- Asset sales
- **Capital investment forecast**
- **Commodity prices**
- Debt issuance costs
- Decommissioning
- Deferred revenues and expenses
- Economic externalities
- **Emissions expense**
- Federal hydropower allocations
- Integrated Resource Plan
- Load forecast
 - Growth, electric vehicles, distributed energy resources, building electrification)
- Noncarbon energy curtailments
- Organized energy markets
- Regulations
- Resource diversification policy
- Staffing
- Supply chain
- **Surplus sales prices and volumes**

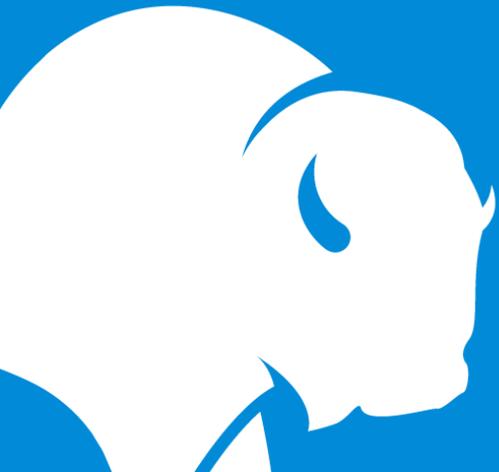
Bold items used in rate range development

2025 Strategic Budget

Board work session – September

Public hearing – October

Board budget approval – December



Financial results – budget to budget

Strategic Financial Plan metrics	Target minimums	2024 budget	2025 budget	Increase (decrease)	
Fixed obligation charge coverage ratio	1.50x	1.93x ⁽¹⁾	2.00x	↑	3.6%
Change in net position as a percentage of annual operating expenses ⁽²⁾	3%	3%	3%	↔	0.0%
Adjusted debt ratio	< 50%	23%	22%	↓	(4.3%)
Days adjusted liquidity on hand	200	443	252	↓	(43.1%)

⁽¹⁾ Reflects correction of an error in calculating this metric as defined in the Strategic Financial Plan approved by the board of directors in December 2023.

Budget results (\$ millions)	2024 budget	2025 budget	Increase (decrease)	
Total revenues	\$ 313.0	\$ 324.6	↑	3.7%
Total expenditures	\$ 314.6	\$ 392.0	↑	24.6%
Board contingency	\$ 56.0 ⁽²⁾	\$ 75.0	↑	33.9%
Average wholesale rate increase	5.0%	6.3%	↑	26.0%

⁽²⁾ Contingency transfer to be determined at the end of the year.



Financial results

YTD Nov. 30, 2024

Strong financial results – YTD Nov. 30, 2024

- \$26.4 million of estimated deferred revenue above required Strategic Financial Plan change in net position
 - \$79.6 million estimated cumulative balance
 - Under the board-adopted accounting policy for deferred revenue and expense for rate increase relief
- \$2.1 million of unrealized gains on fair value of investments
- \$2.0 million accumulated Long-Haul Fiber Account funds recorded as Platte River revenue
- \$1.1 million final payout from Tri-State to Platte River under the forced outage assistance agreement (shaftshare) that ended March 2024
- \$0.3 million final settlement for the closure of Medicine Bow Wind Energy site

Strong financial results – YTD Nov. 30, 2024

Category – budget	Variance from budget (in millions)	Indicator
Revenues	(\$1.7)	◆
Operating expenses	\$11.5	●
Capital additions ⁽¹⁾	(\$25.3)	■
Debt service expenditures	\$0.1	◆

Category	Actual (in millions)
Change in net position	\$32.7
Less deferred revenue estimate	\$26.4
Change in net position estimate ⁽²⁾	\$6.3

Change in net position of \$32.7 million was favorable to budget by \$12.2 million, which was primarily driven by operating expenditure activities, including fuel expenses replaced by lower-cost energy available in the SPP WEIS market.

⁽¹⁾ At year end, capital will be trued up for contingency transfer and carryovers.

⁽²⁾ Subject to Strategic Financial Plan metrics of a minimum of 3% of annual operating expenses and 1.50 times fixed obligation charge coverage ratio.

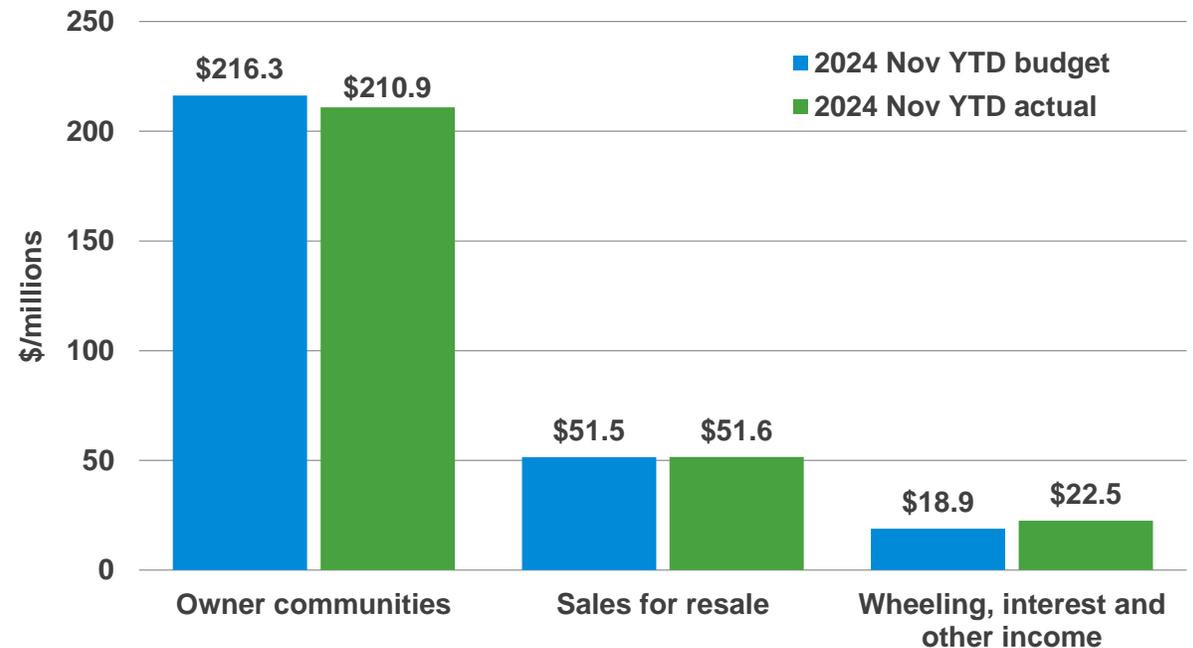
> 2% ● Favorable 2% to -2% ◆ At or near budget < -2% ■ Unfavorable

Revenues

Budget variances in millions – above/(below)

- **(\$5.4) – Owner communities**
 - **(\$0.9) – Demand** (coincident billing demand and metered coincident demand 1.2% and 3.5% below budget, respectively)
 - **(\$4.5) – Energy** (revenue and volume, 3.6% below budget)
- **\$0.1 – Surplus sales**
 - **\$5.4 – Price** (13.8% above budget)
 - **(\$5.3) – Volume** (12% below budget)
- **\$3.6 – Wheeling, interest and other income**
 - **\$2.4 – Interest and other income** (fiber management income and dividend from Trapper Mine)
 - **\$1.2 – Wheeling** (point-to-point sales and rate increase)

◆ Variance from YTD Nov. 30, 2024 budget: (\$1.7) million

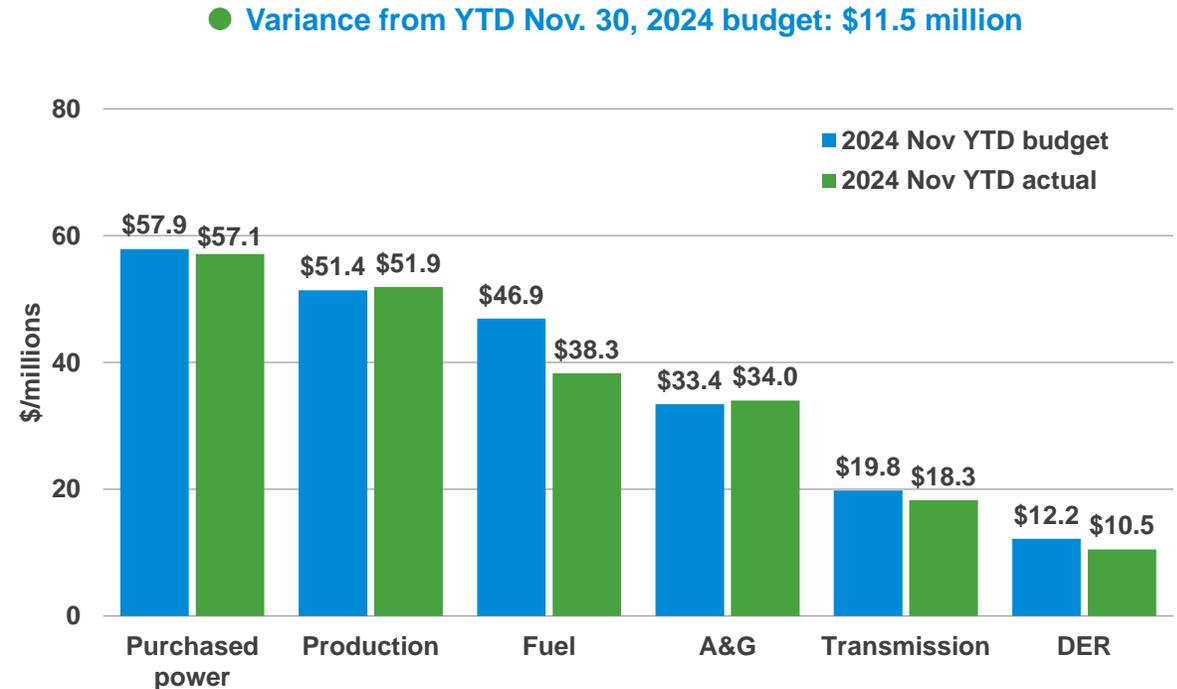


Unaudited financial results

Operating expenses

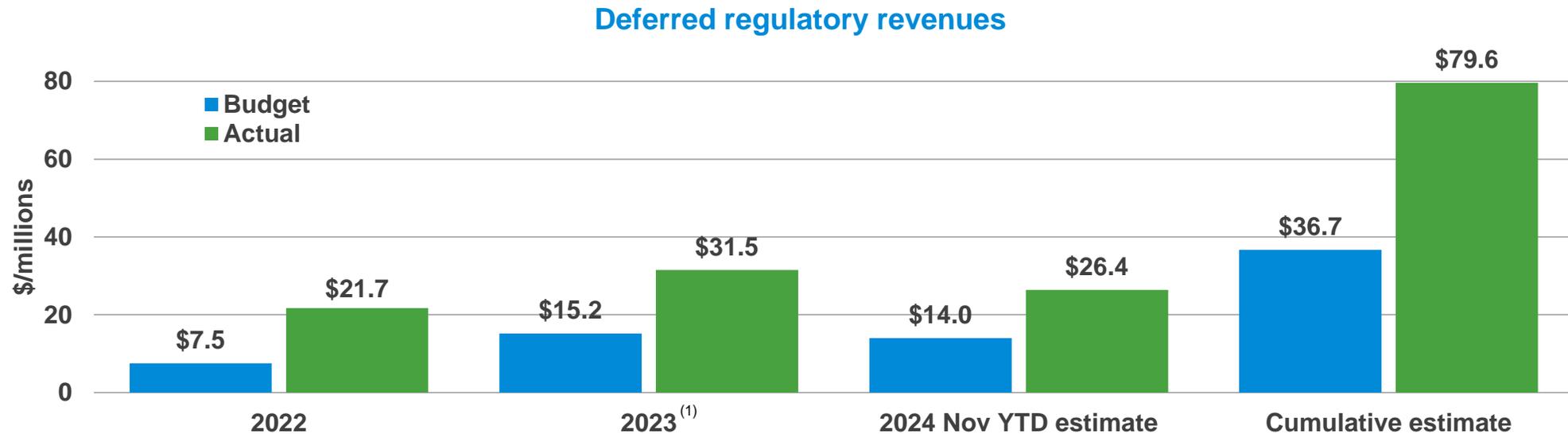
Budget variances in millions – (above)/below

- **\$8.6 – Fuel**
 - **\$8.6 – Rawhide** (lower cost energy available in SPP WEIS market)
 - **\$2.6 – CTs** (below-budget capacity calls and lower cost energy available in SPP WEIS market)
 - **(\$2.6) – Craig** (less efficient heat rate)
- **\$1.7 – DER programs** (program consulting, personnel expenses and slower participation in the commercial and industrial segment)
- **\$1.5 – Transmission** (wheeling, personnel and contracted services)
- **\$0.8 – Purchased power**
 - **\$2.6 – Wind \$2.9, solar \$0.3 and hydropower (\$0.6)**
 - **\$0.9 – Purchased reserves**
 - **\$0.2 – Forced outage exchange** (net to Tri-State)
 - **(\$2.9) – SPP WEIS** (higher volumes and higher prices)
- **(\$0.5) – Production** (Craig units 1 and 2 operating and maintenance expenses and personnel, partially offset by below-budget non-routine projects)
- **(\$0.6) – A&G** (computer maintenance and personnel, partially offset by resource planning initiatives)



Unaudited financial results

Deferred revenue and expense accounting policy



⁽¹⁾ 2023 pending financial restatement

Purpose: Help reduce rate pressure and achieve rate smoothing by establishing a mechanism to defer revenues earned and expenses incurred in one period to be recognized in one or more future periods. This policy will apply during the resource transition.

Unaudited financial results

2024 financial summary

 All strategic financial plan targets were exceeded

 AA credit rating

Strategic financial plan	Target	3-year average estimate	Nov 2024 YTD unaudited	2023	2022
Fixed obligation charge coverage ratio	> 1.50x	1.79x	1.86x	1.50x	2.00x
Change in net position as a percentage of annual operating expenses	3.0%	3.4%	3.0%	4.1%	3.0%
Adjusted debt ratio	< 50%	26%	24%	26%	28%
Days adjusted liquidity on hand	> 200 days	424	404	461	408

2024 pending final year end close and audit

2023 pending financial restatement

Unaudited financial results

Questions



Platte River
Power Authority

Estes Park • Fort Collins • Longmont • Loveland



Business strategies

Kendal Perez and Libby Clark



Communications, marketing and external affairs



Strategic communications and marketing

- Platte River and its owner communities work together to create unified and aligned messaging for Platte River and Efficiency Works through:
 - Press releases
 - Marketing for Platte River and Efficiency Works
 - Community meetings
- A communicators task force made up of communications staff from Platte River and each of its owner communities collaborate on shared messaging and goals
- Leads strategic planning

RESOURCE DIVERSIFICATION PLANNING AND INTEGRATION

Implementation areas

- Incorporate reliability resources dispatchable capacity and emerging technologies such as long-duration storage and hydrogen
- Undertake strategic transmission planning and expansion
- Participate in a full regional transmission organization
- Design and align rates for the energy transition
- Leverage data science, artificial intelligence and machine learning



COMMUNITY PARTNER AND ENGAGEMENT

Implementation areas

- Organize working groups across the owner communities
- Identify regional engagement opportunities
- Create and implement regional educational assets and campaigns
- Engage proactively with national, regional and industry media partners
- Develop and deploy an effective, multi-media strategy



WORKFORCE CULTURE



Implementation areas

- Build a workforce roadmap that focuses on employee development and planning
- Modernize the organization's total benefits and rewards program
- Use market-based modeling for a new, comprehensive compensation philosophy and approach
- Create more hybrid and work flexibility
- Create a talent review and succession planning process
- Create a matrix-driven, performance review process
- Identify more systemic ways to bridge a digital and physical workforce
- Create a baseline assessment for a larger diversity, equity and inclusion initiative
- Work alongside the strategic budgeting process

PROCESS MANAGEMENT AND COORDINATION

Implementation areas

- Create a project management culture guided by the design of project and process management strategies for internal and external initiatives
- Develop energy management tools and other integration capabilities
- Facilitate more regional transmission and distribution coordination and planning
- Clearly define roles and responsibilities to create more cross-functional teams across owner communities and within Platte River
- Develop a comprehensive risk management strategy for Platte River



Community engagement

- Supports science, technology, engineering, and math (STEM) education through:
 - Annual NoCo Time Trials middle school students solar and battery car race and scholarship
 - Colorado Science and Engineering Fair judging and stipends
 - Annual Roy J. Rohla Scholarship for high school seniors and college students
- Supports local nonprofits through donations, volunteer opportunities
- Sponsors community events, often in partnership with our owner communities, to share the Platte River story

External affairs

- Advocates strategy at the state and local levels, leveraging legal affairs and legislative consultant
- Engages elected officials and stakeholders about Platte River's strategic vision for its energy transition

We are a resource for you

How Platte River can engage and aid board members

- Board meetings
- Presentations
- Educational materials
- Media relations
- Ongoing engagement
- Efficiency Works



Human resources and safety

Human resources

- Organizational partner to facilitate attraction, development and retention of our employees
 - Benefit offerings
 - Learning and development needs and initiatives
 - Proactive workforce planning
- Work with operating departments to facilitate positive change and support strategic initiatives



A culture of safety

Consistent with the organizational philosophy that no job is so important and no service so urgent that an employee must violate a safety rule or risk injury or illness rather than taking the time to perform their work safely.

Proactive health and safety

- Soft tissue injury prevention through active release techniques
- Occupational health testing

Hands-on safety training

- Bucket truck rescue
- Fire extinguisher
- Crane operator



Safety statistics

	2021	2022	2023	2024
Recordable incident rate	1.67	1.25	1.98	1.50
Lost time case rate	0.00	0.00	0.39	0
DART (days away restricted)	0.00	0.83	0.39	0

Questions



Platte River
Power Authority

Estes Park • Fort Collins • Longmont • Loveland

Thank you



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