



Fourth Quarter 2020 Earnings Call

February 26, 2021





Important Information

Forward Looking Statements

Statements made in this presentation that are not based on historical facts are forward-looking, may involve risks and uncertainties, and are intended to be as of the date when made. Forward-looking statements include, but are not limited to, statements relating to our strategic plan, including, without limitation, those related to earnings per share, dividend, operating and maintenance expense and capital investment goals; the outcome of legislative efforts and regulatory and legal proceedings; future energy demand; future power prices; plans with respect to existing and potential future generation resources; the availability and cost of generation resources and energy storage; target emissions reductions; and other matters relating to expected financial performance or affecting future operations. Forward-looking statements are often accompanied by forward-looking words such as “anticipates,” “believes,” “expects,” “estimates,” “forecasts,” “should,” “could,” “may,” “seeks,” “intends,” “proposed,” “projects,” “planned,” “target,” “outlook,” “remain confident,” “goal,” “will” or other words of similar meaning. Forward-looking statements involve risks, uncertainties and other factors that could cause actual results to differ materially from the forward-looking information.

In connection with the safe harbor provisions of the Private Securities Litigation Reform Act of 1995, Evergy, Inc., Evergy Kansas Central, Inc. and Evergy Metro, Inc. (collectively, the Evergy Companies) are providing a number of risks, uncertainties and other factors that could cause actual results to differ from the forward-looking information. These risks, uncertainties and other factors include, but are not limited to: economic and weather conditions and any impact on sales, prices and costs; changes in business strategy or operations; the impact of federal, state and local political, legislative, judicial and regulatory actions or developments, including deregulation, re-regulation, securitization and restructuring of the electric utility industry; decisions of regulators regarding, among other things, customer rates and the prudence of operational decisions such as capital expenditures and asset retirements; changes in applicable laws, regulations, rules, principles or practices, or the interpretations thereof, governing tax, accounting and environmental matters, including air and water quality and waste management and disposal; the impact of climate change, including increased frequency and severity of significant weather events and the extent to which counterparties are willing to do business with, finance the operations of or purchase energy from the Evergy Companies due to the fact that the Evergy Companies operate coal-fired generation; prices and availability of electricity in wholesale markets; market perception of the energy industry and the Evergy Companies; the impact of the Coronavirus (COVID-19) pandemic on, among other things, sales, results of operations, financial condition, liquidity and cash flows, and also on operational issues, such as the availability and ability of our employees and suppliers to perform the functions that are necessary to operate the Evergy Companies; changes in the energy trading markets in which the Evergy Companies participate, including retroactive repricing of transactions by regional transmission organizations (RTO) and independent system operators; financial market conditions and performance, including changes in interest rates and credit spreads and in availability and cost of capital and the effects on derivatives and hedges, nuclear decommissioning trust and pension plan assets and costs; impairments of long-lived assets or goodwill; credit ratings; inflation rates; the transition to a replacement for the London Interbank Offered Rate (LIBOR) benchmark interest rate; effectiveness of risk management policies and procedures and the ability of counterparties to satisfy their contractual commitments; impact of physical and cybersecurity breaches, criminal activity, terrorist attacks and other disruptions to the Evergy Companies’ facilities or information technology infrastructure or the facilities and infrastructure of third-party service providers on which the Evergy Companies rely; ability to carry out marketing and sales plans; cost, availability, quality and timely provision of equipment, supplies, labor and fuel; ability to achieve generation goals and the occurrence and duration of planned and unplanned generation outages; delays and cost increases of generation, transmission, distribution or other projects; the Evergy Companies’ ability to manage their transmission and distribution development plans and transmission joint ventures; the inherent risks associated with the ownership and operation of a nuclear facility, including environmental, health, safety, regulatory and financial risks; workforce risks, including those related to the Evergy Companies’ ability to attract and retain qualified personnel, maintain satisfactory relationships with their labor unions and manage costs of, or changes in, retirement, health care and other benefits; disruption, costs and uncertainties caused by or related to the actions of individuals or entities, such as activist shareholders or special interest groups, that seek to influence our strategic plan, financial results or operations; the possibility that strategic initiatives, including mergers, acquisitions and divestitures, and long-term financial plans, may not create the value that they are expected to achieve in a timely manner or at all; difficulties in maintaining relationships with customers, employees, regulators or suppliers; and other risks and uncertainties.

This list of factors is not all-inclusive because it is not possible to predict all factors. Additional risks and uncertainties are discussed from time to time in current, quarterly and annual reports filed by the Evergy Companies with the Securities and Exchange Commission (SEC). Reports filed by the Evergy Companies with the SEC should also be read for more information regarding risk factors. Each forward-looking statement speaks only as of the date of the particular statement. The Evergy Companies undertake no obligation to publicly update or revise any forward-looking statement, whether as a result of new information, future events or otherwise, except as required by law.

Non-GAAP Financial Measures

Evergy uses adjusted EPS and adjusted O&M which are non-GAAP financial measures. A reconciliation of the non-GAAP measures to the most directly comparable GAAP measure is included in the appendix.



Agenda

David Campbell, President & CEO

- 2020 Accomplishments
- February extreme weather event update
- Investment thesis and capital plan
- Fleet transformation and carbon emission progress
- Evergy's value proposition

Kirk Andrews, EVP & CFO

- Quarter and full year results
- 2020 financial achievements
- 2021 guidance and outlook



Business Update

David Campbell

President & CEO



2020 Accomplishments

- Achieved 7% adjusted EPS¹ growth year-over-year
- Lowered O&M by 5% year-over-year; reduced adjusted O&M² by over 10% compared to 2019; overall reduction of nearly 20% since 2018
- Increased dividend 6% to current indicative annualized rate of \$2.14/share
- Invested more than \$1.5B to enhance reliability, customer service and create jobs
- Effectively managed pandemic response to minimize operational disruptions and enhance safety for employees
- Waived customer late fees and added payment options as pandemic response measures
- Donated over \$2 million through Hometown Economic Recovery Program to help local agencies, customers and communities recover from the COVID-19 pandemic

GAAP EPS



Adjusted EPS²



NOTE:

1. Adjusted EPS is a non-GAAP financial measure. See appendix for reconciliation to most comparable GAAP information.
2. A reconciliation of adjusted O&M (non-GAAP) to O&M (GAAP) is included in the appendix.

February Extreme Weather Event

Thank you to our dedicated team for braving extreme conditions to serve customers

- Worst cold weather event in decades; low temperature of -21 degrees
- Southwest Power Pool Level 3 Energy Emergency Alerts (first in history) – 2 hours on 2/15, 5.25 hours on 2/16
- Current estimate of costs to procure natural gas and purchased power costs of approximately \$300 million¹; purchase power portion subject to settlement by SPP in ~45-60 days
- Incremental natural gas and purchased power costs expected to be eligible for recovery
- Power marketing a positive contributor



NOTE:

1. Estimate of purchased power costs expected to increase as it does not yet include settlements from Friday February 19; subject to ongoing review as part of the SPP settlement process.



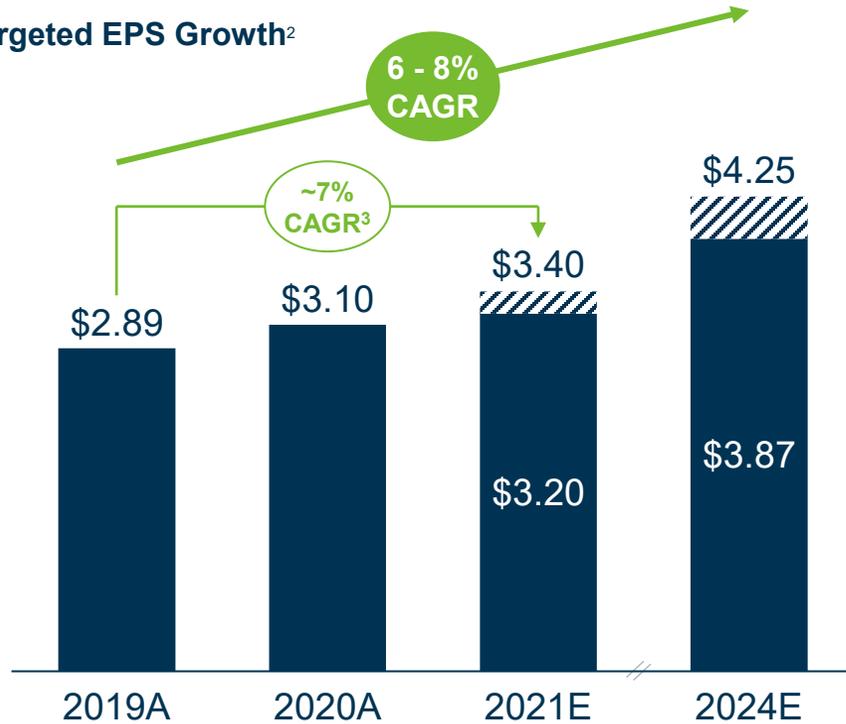
Attractive Investment Thesis

10% to 12% annual total shareholder return profile

2021 EPS Guidance¹

- GAAP: \$3.14 - \$3.34
- Adjusted (non-GAAP)²: \$3.20 - \$3.40

Targeted EPS Growth²



| | | |
|--|---|--|
| 6% to 8% EPS Growth | + ~4% Dividend yield ⁴ | = 10% to 12% Shareholder Return Potential |
| Driven by robust infrastructure investment and further cost efficiencies | Annual dividend growth target of 6% to 8%; Dividend payout ratio of 60% to 70% | 10% to 12% shareholder return assuming constant P/E multiple |

Note:

1. 2021 guidance does not reflect the expected positive impact of power marketing activities during the February extreme weather event.
2. Adjusted EPS is a non-GAAP financial measure. See appendix for reconciliation to most comparable GAAP information.
3. CAGR calculated using \$3.30/sh. mid-point of 2021 adjusted EPS (non-GAAP) guidance range.
4. Dividend yield calculated using 2/25/21 closing price.



STP: Maximizing Value and Benefiting All Stakeholders

Enhancing reliability, sustainability and affordability for customers

Driving attractive shareholder value

| | |
|---------------------|---|
| Customers | <ul style="list-style-type: none">• Maintains affordability• Enhances customer experience• Improves reliability & resiliency |
| Communities | <ul style="list-style-type: none">• Provides regionally competitive rates• Enhances economic development• Honors community commitments |
| Environment | <ul style="list-style-type: none">• Delivers cleaner energy• Engages stakeholders on path towards a resilient, low-carbon utility |
| Shareholders | <ul style="list-style-type: none">• Targets top-quartile total return profile• Provides attractive, traditional capital plan• Maintains strong credit profile; no additional equity |



Robust Infrastructure Investment

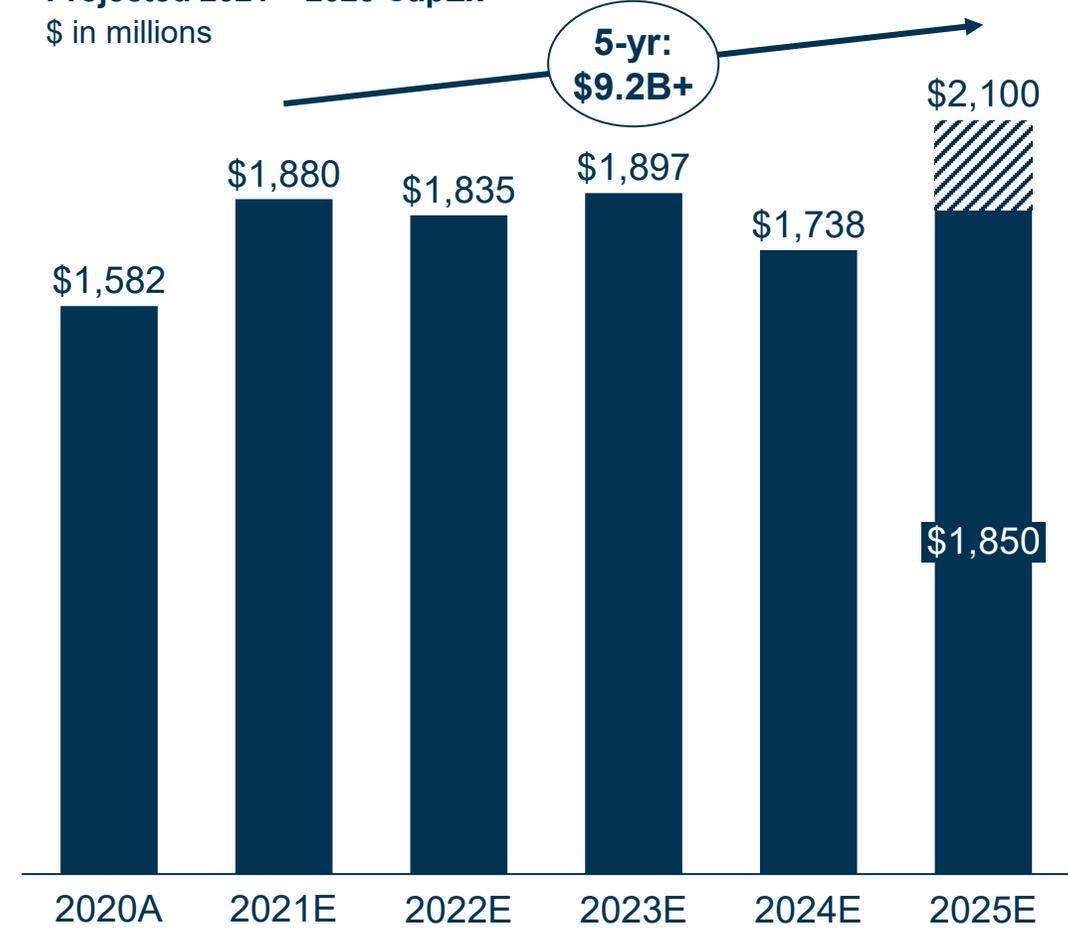
Focusing on utility projects to modernize grid and increase resiliency, efficiency and reliability

Updated five-year capital plan remains consistent with the targeted STP investments

- 2020-2024 projected capex of \$8.9B is unchanged from the STP
- 2024 earnings power intact
- 700MW renewables
 - Timing considers stakeholder input
- Projected Missouri 2022 and Kansas 2023 rate base comparable with STP
- 2020-2024 FERC Capex consistent with STP



Projected 2021 – 2025 CapEx
\$ in millions



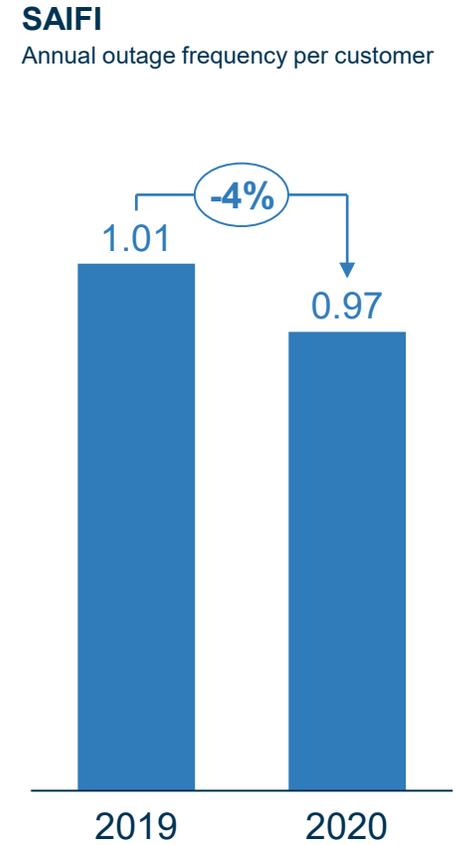
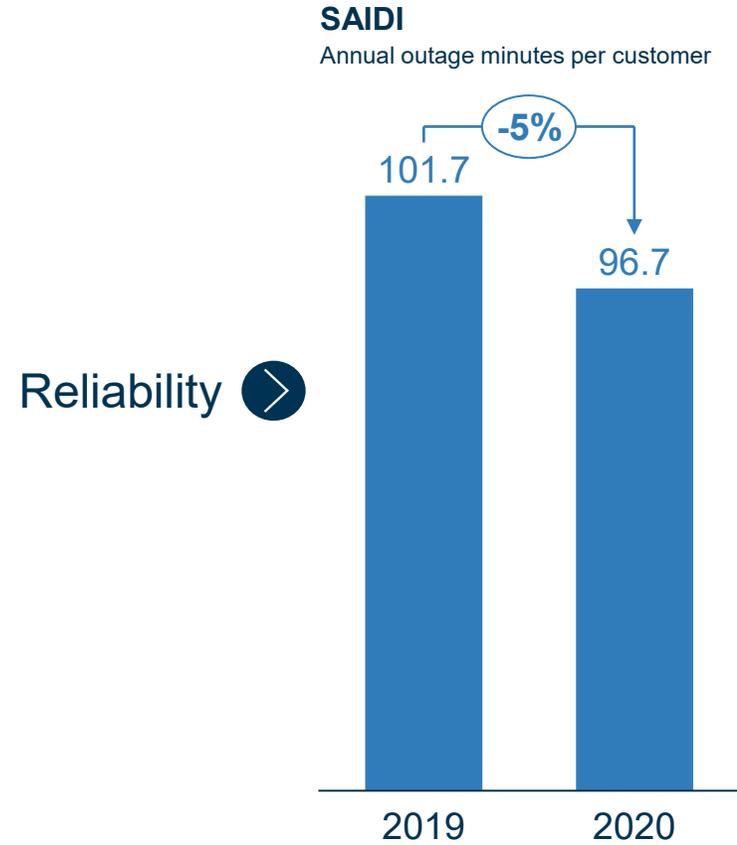
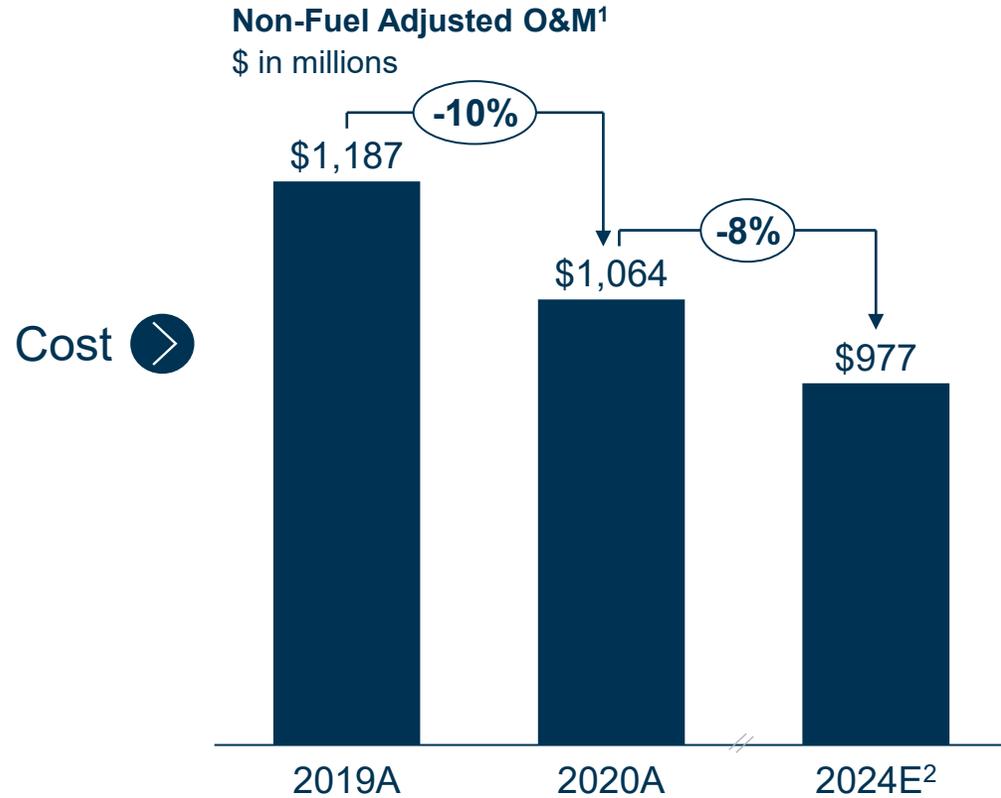
Note:

1. Includes ~\$350M of generation asset securitization (which represents a reduction to rate base) in 2024.
2. Potential additional capital deployment; will be assessed in the context of reviewing overall reliability, affordability, and sustainability impacts.



Strong Operating Performance

Targeting high performance across key operating and financial metrics



NOTE:

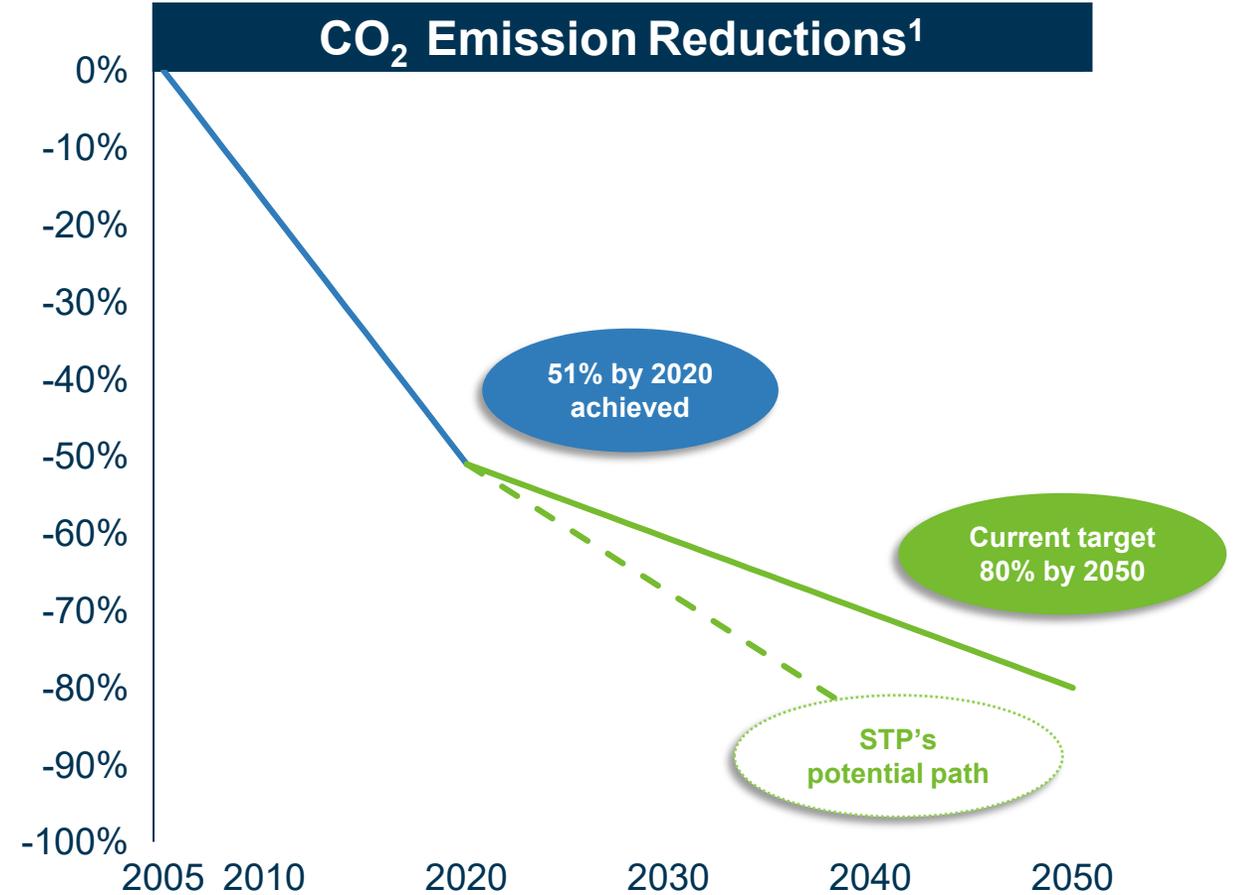
- Adjusted O&M is a non-GAAP financial measure. See appendix for reconciliation to most comparable GAAP information.
- Mid-point of 2024 adjusted O&M guidance of \$966M to \$988M.



Transitioning Our Generation Fleet

Tracking to increase carbon reduction targets

- **Achieved 51% carbon emission reduction versus 2005 levels**
 - STP includes steps to enable generation fleet transition and expansion of renewables investments, including enabling legislation
- **Integrated Resource Plans to inform long-term portfolio transition**
 - IRP's well underway; will solidify near-term plans and inform long-term roadmap to reduce carbon emissions while ensuring reliability
 - Filing expected in Missouri April 1; Kansas by July 1
 - Expect to update long-term emissions reductions targets later this year
- **Federal policies, including extension of federal renewable incentives, will be integrated into decision-making**



Note:

1. Targets vs. 2005 levels; potential 100% CO₂ emission reduction targets would be dependent on commercialization of new technologies



Enhancing Evergy's Compelling Value Proposition

STP: Actionable, high-performance plan enabled by talented team with significant benefits for all stakeholders

Agreements with Bluescape Energy Partners and Elliott Management

- Adds proven utility industry veteran and distinguished energy policy leader to our Board; both share commitment to all stakeholders and bring additional expertise to support STP execution
 - John Wilder, Executive Chairman of Bluescape will serve as chair of finance committee
 - Senator Mary Landrieu, former United States Senator for Louisiana will serve on finance committee
- Evergy Board will consist of 14 directors
- Bluescape to invest ~\$115M by purchasing newly issued Evergy shares, with option to purchase additional shares over the next three years at a price 20% higher than the current share price

Committed to implement the STP to drive industry-leading performance and value for shareholders and all stakeholders by:

- Continuing to improve regional rate competitiveness
- Further advancing efficiency and operational performance, driving high performance in cost, operating metrics, and safety
- Optimizing infrastructure investments, including updates to transmission and distribution infrastructure and customer-facing platforms, driving high performance in reliability and customer service
- Developing and implementing a program to enable the sustainable transformation of the Company's generation fleet including new renewable resources, advancing the Company's goals of reliability, sustainability, and affordability

Company plans to host an Investor Day in the third quarter of 2021

Financial Update

Kirk Andrews

EVP & CFO





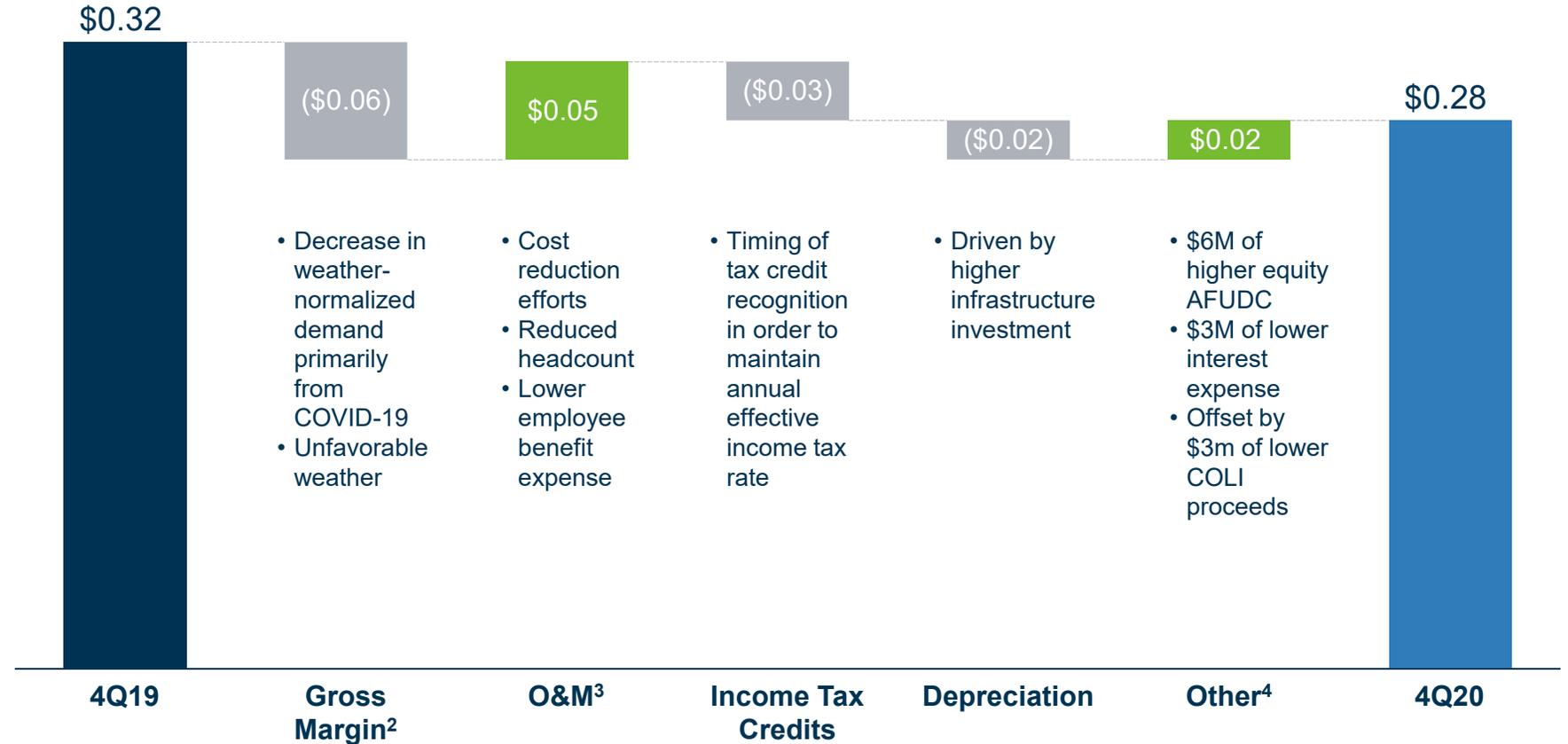
Fourth Quarter Results

4Q20 EPS – GAAP: \$0.22; Adjusted¹: \$0.28

Adjusted EPS¹ drivers

| EPS – 4Q | 2019 | 2020 |
|-----------------------------|--------|--------|
| GAAP | \$0.28 | \$0.22 |
| Adjusted¹ | \$0.32 | \$0.28 |

| Earnings Drivers | |
|------------------|--------------------------------|
| - | Lower weather-normalized sales |
| - | Unfavorable weather |
| - | Higher depreciation |
| + | Lower O&M |



NOTE:

- Adjusted EPS is a non-GAAP financial measure. See appendix for reconciliation to most comparable GAAP information.
- Estimated weather was \$0.01 unfavorable compared to prior year; \$0.02 unfavorable compared to normal weather.
- Excludes \$0.01 of lower MEEIA program costs which are recovered through gross margin.
- 4Q20 COLI proceeds were \$6M.



Full-Year Results

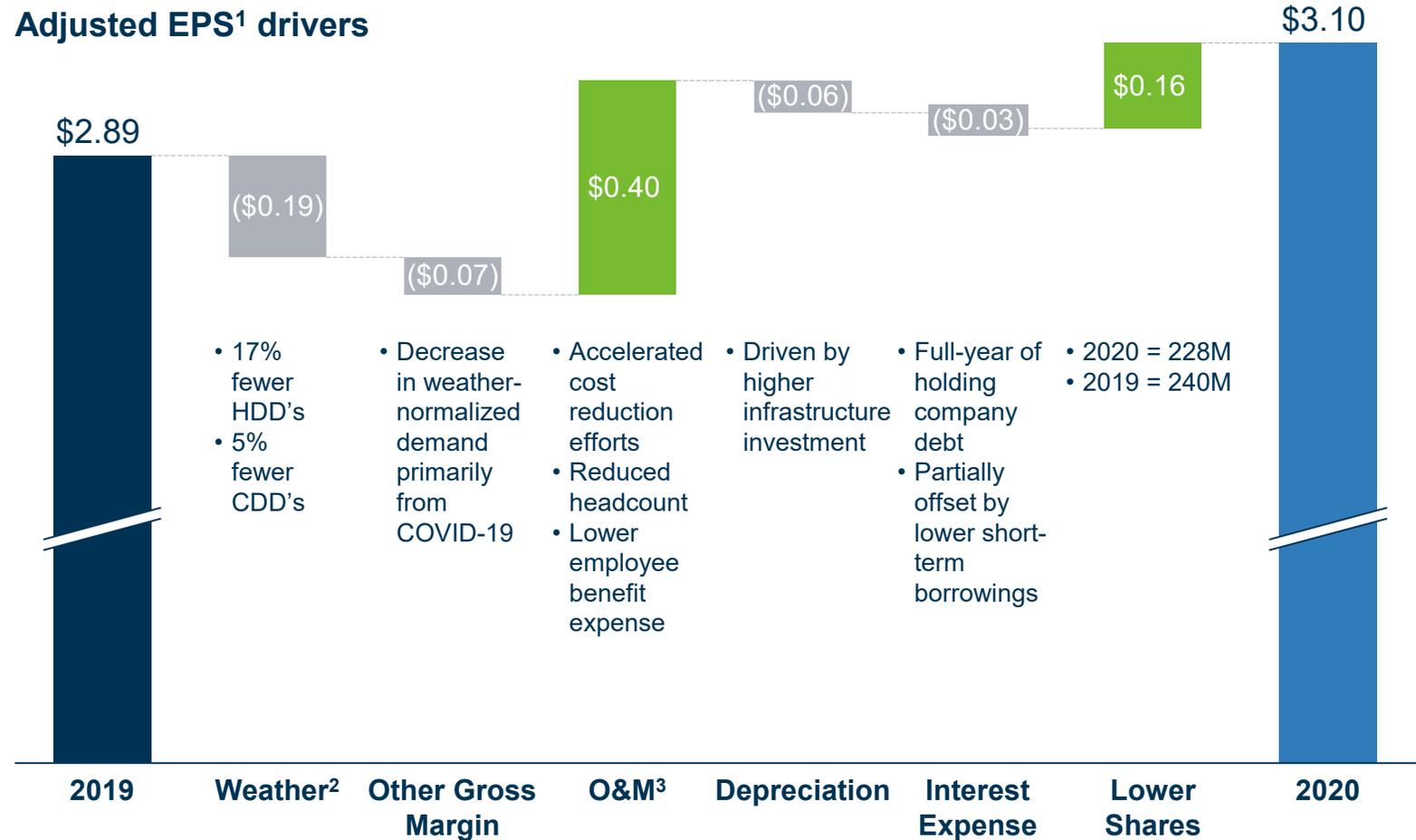
2020 EPS - GAAP: \$2.72; Adjusted¹: \$3.10

Adjusted EPS¹ drivers

| EPS | 2019 | 2020 |
|-----------------------|--------|--------|
| GAAP | \$2.79 | \$2.72 |
| Adjusted ¹ | \$2.89 | \$3.10 |

Earnings Drivers

- + Lower O&M
- + Lower shares outstanding
- Unfavorable weather
- Lower commercial and industrial sales from Covid-19 impact
- Higher depreciation and interest expense



NOTE:

- Adjusted EPS is a non-GAAP financial measure. See appendix for reconciliation to most comparable GAAP information.
- Estimated weather was \$0.10 unfavorable compared to normal weather
- Excludes \$0.01 of higher MEEIA program costs which are recovered through gross margin.
- Full-year 2020 COLI proceeds were \$11M.

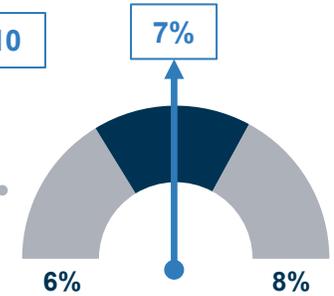
Hitting Our Targets



2020 adjusted EPS¹ guidance range: \$2.95-\$3.10



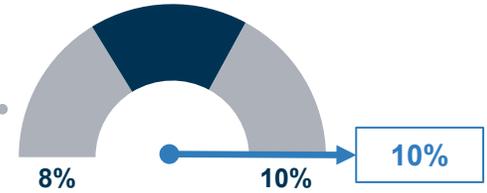
Targeted long-term 6%-8% EPS CAGR; 2019 – 2024



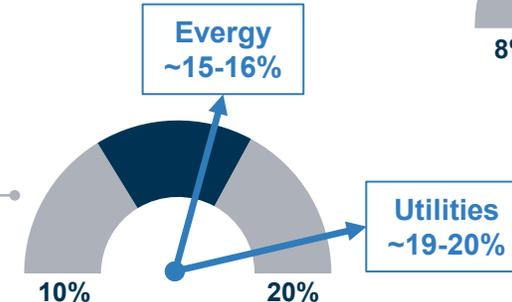
Long-term dividend payout ratio²: 60-70%



2020 adjusted O&M³; target year-over-year reduction: 8%-10%



2020 CFO-to-debt⁴ targets: Evergy = mid-teens; Utilities = upper-teens



Note:

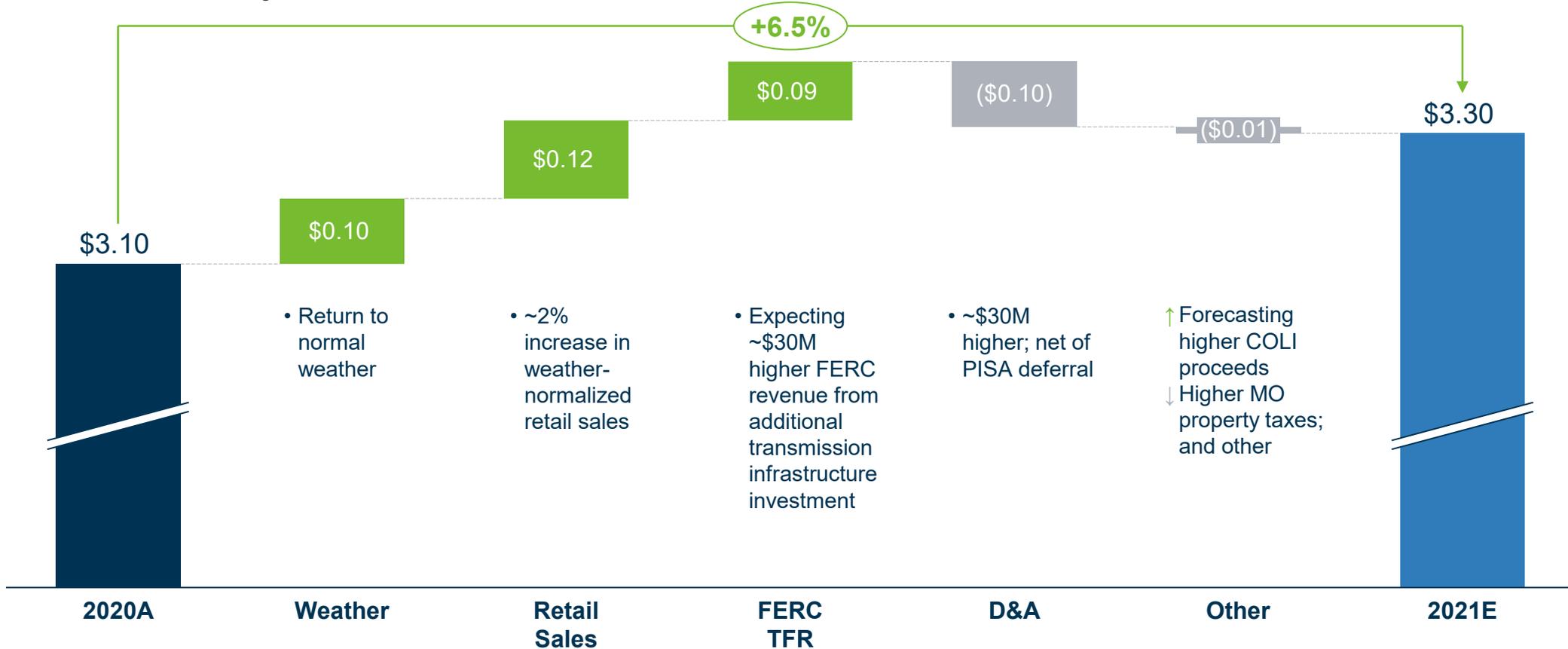
1. Adjusted EPS is a non-GAAP financial measure. See appendix for reconciliation to most comparable GAAP information.
2. Dividend pay-out ratio is calculated using 2020 adjusted EPS of \$3.10.
3. Adjusted O&M is a non-GAAP financial measure. See appendix for reconciliation to most comparable GAAP information.
4. Company estimate based on Moody's definition of CFO pre-WC/debt.



Guidance & Drivers

2021 EPS Guidance¹ – GAAP: \$3.14 - \$3.34; Adjusted²: \$3.20 - \$3.40

Year-Over-Year Adjusted EPS¹ Mid-Point Drivers^{3,4}



NOTE:

1. 2021 guidance does not reflect the expected positive impact of power marketing activities during the February extreme weather event.
2. A reconciliation of adjusted EPS guidance (non-GAAP) to projected earnings per share, the most comparable GAAP measure, is included in the appendix.
3. Effective tax rate: 11% to 13%
4. Annual average share count: 230M



Q&A

Appendix



STP Financial Highlights

- 2021 adjusted EPS¹ guidance: **\$3.20–\$3.40**
- Targeting **EPS CAGR of 6–8% 2019 through 2024**
- Projecting **\$9.2B in CapEx²** from 2021 through 2025
- Targeting **rate base CAGR of 5–6% from 2019 through 2024**
- Projected **dividend growth in line with EPS growth**, while targeting **payout ratio of 60–70%**

Targeted Adjusted EPS¹ Growth



Note:

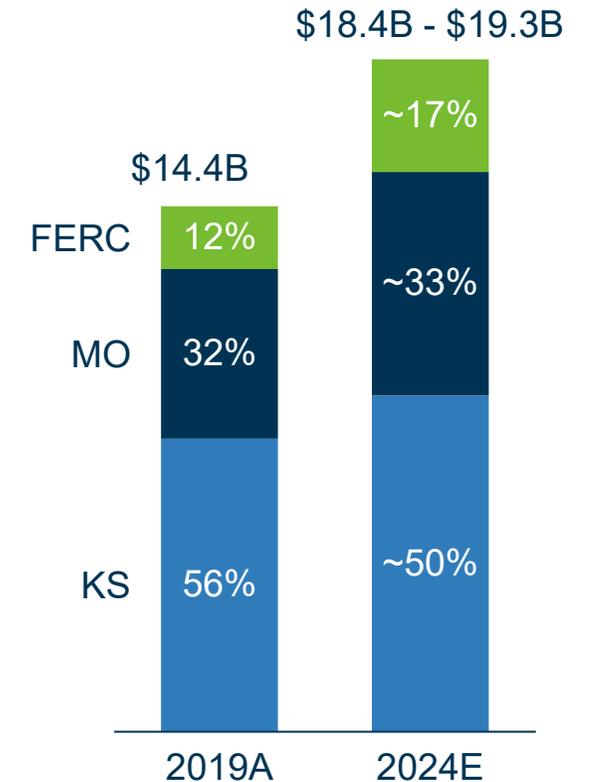
1. A reconciliation of adjusted EPS guidance (non-GAAP) to projected earnings per share, the most comparable GAAP measure, is included in the appendix.

2. Excludes \$250 million of potential additional capital deployment in 2025.

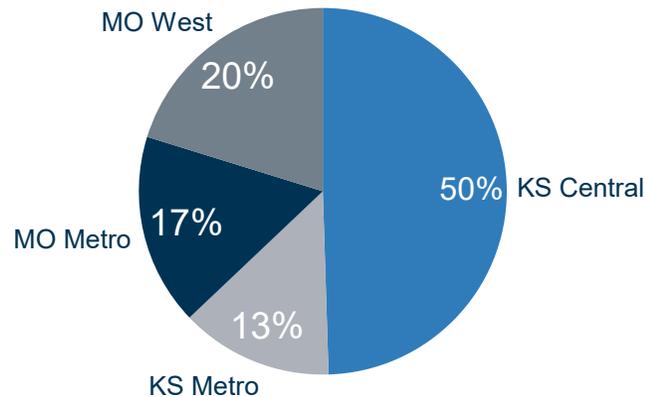
\$9.2B in Planned Utility Investment

| \$'s in millions | 2021E | 2022E | 2023E | 2024E | 2025E ¹ | Total |
|------------------------------|----------------|----------------|----------------|----------------|--------------------|----------------|
| Transmission | 629 | 590 | 567 | 513 | 734 | \$3,033 |
| Distribution | 648 | 656 | 481 | 487 | 624 | \$2,896 |
| Generation | 319 | 306 | 264 | 186 | 236 | \$1,311 |
| General Facilities and Other | 284 | 283 | 248 | 214 | 256 | \$1,285 |
| New Renewables | - | - | 337 | 338 | - | \$675 |
| Total | \$1,880 | \$1,835 | \$1,897 | \$1,738 | \$1,850 | \$9,200 |

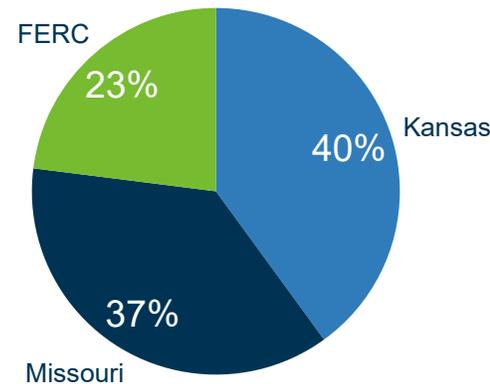
Rate Base by State



Projected 2021 – 2025 CapEx by Jurisdiction



Projected 2021 – 2025 CapEx by State



Note:

1. Table Excludes \$250 million of potential additional capital deployment in 2025.
2. Renewable investment shown net of tax equity strategy.

Key Regulatory Activities

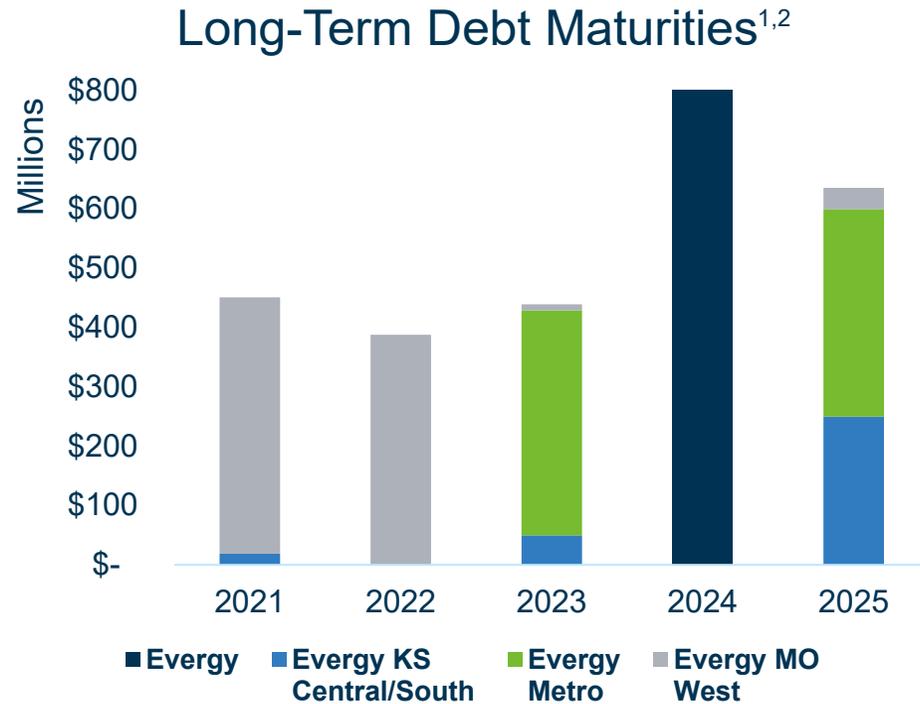
| | 2021 | | | | 2022 | | | | 2023 | | | | 2024 | | | |
|---------------------------|---|----|----|----|--|----|----|----|---|----|----|----|------------------|----|----|----|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| MPSC STP Docket | Will file updated STP presentations in May to complete dockets in MO and KS | | | | | | | | | | | | | | | |
| KCC STP Docket | | | | | | | | | | | | | | | | |
| Missouri Rate Case | | | | | 11-month process setting rates in Dec 2022 | | | | | | | | | | | |
| Kansas Rate Case | | | | | | | | | 8-month process setting rates in Dec 2023 | | | | | | | |
| Missouri IRP | Triennial Filing due by 4/1 | | | | Annual Update | | | | Annual Update | | | | Triennial Filing | | | |
| Kansas IRP | Triennial Filing due by 7/1 | | | | Annual Update | | | | Annual Update | | | | Triennial Filing | | | |



2021 Finance Activities

Strong Credit Ratings

Moody's **S&P Global**



2021 Financing Base Plan

- \$500M of long-term debt at Missouri West
- Potential of \$300M of long-term debt at Holding Company

Evergy, Inc.

| | | |
|-----------------------|--------|--------|
| Outlook | Stable | Stable |
| Senior Unsecured Debt | Baa2 | BBB+ |

Evergy Kansas Central

| | | |
|------------------------------------|--------|--------|
| Outlook | Stable | Stable |
| Senior Secured Debt | A2 | A |
| Commercial Paper (KS-Central only) | P-2 | A-2 |

Evergy Kansas South

| | | |
|---------------------|--------|--------|
| Outlook | Stable | Stable |
| Senior Secured Debt | - | A |
| Short Term Rating | P-2 | A-2 |

Evergy Metro

| | | |
|---------------------|--------|--------|
| Outlook | Stable | Stable |
| Senior Secured Debt | A2 | A+ |
| Commercial Paper | P-2 | A-1 |

Evergy Missouri West

| | | |
|-----------------------|--------|--------|
| Outlook | Stable | Stable |
| Senior Unsecured Debt | Baa2 | A- |
| Commercial Paper | P-2 | - |

Note:

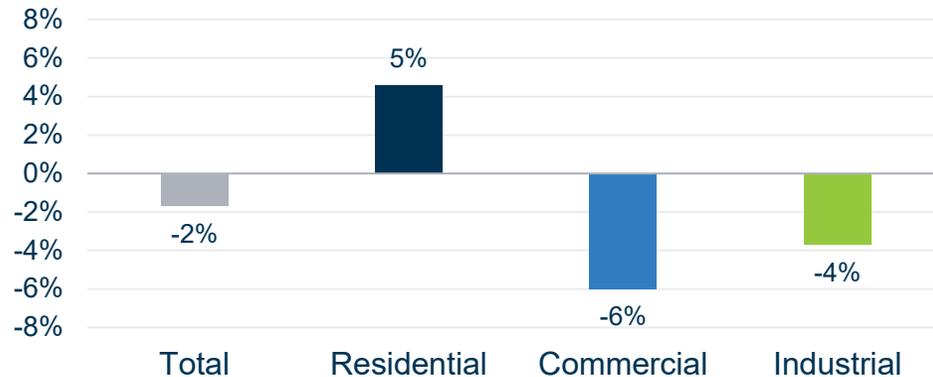
1. As of 12/31/20.
2. Evergy Missouri West 2021 and 2022 maturities are inter-company loaned from Evergy and will be replaced at Evergy Missouri West upon maturity.



COVID-19 Update: Retail Sales

Strong residential sales offset lower commercial and industrial throughout 2020

Retail Sales –
Weather Normalized
Full-Year 2020 vs 2019

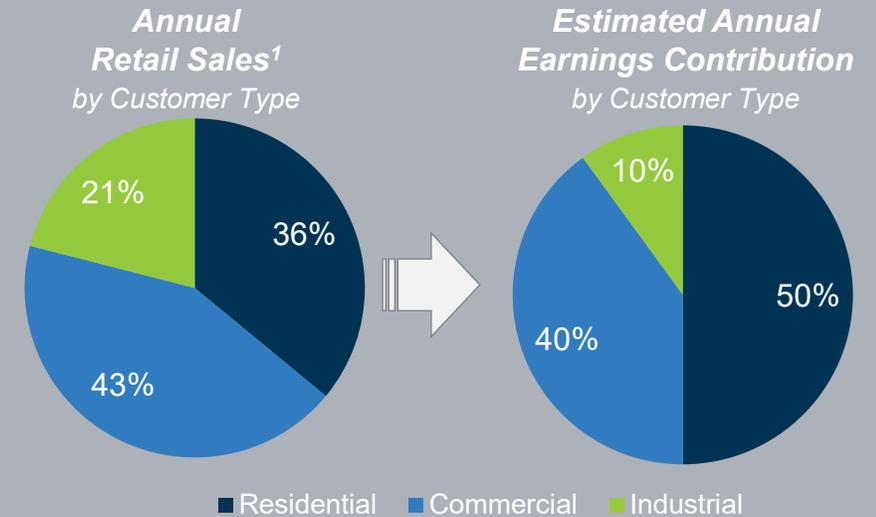


Fourth quarter 2020 weather adjusted retail sales were ~2% lower compared to fourth quarter 2019

- + Residential sales were ~3% higher
- Commercial sales were ~7% lower
- + Industrial sales were ~1% higher

NOTE:
1. Reflects 2019 annual retail sales

Residential usage represents ~50% contribution to total retail earnings



Estimated 2020 earnings sensitivity to sales across customer classes

| Retail Class | % Change | Annual Estimated Earnings Impact (in millions) |
|--------------|----------|--|
| Residential | 1% | \$10 |
| Commercial | 1% | \$8 |
| Industrial | 1% | \$2 |



GAAP to Non-GAAP EPS Reconciliation¹

| 2021 EPS Guidance | |
|---|------------------------|
| 2021 GAAP EPS | \$3.14 - \$3.34 |
| Advisor expense, pre-tax | 0.05 |
| Executive transition expense, pre-tax | 0.03 |
| Income tax benefit | (0.02) |
| 2021 Adjusted EPS (non-GAAP) | \$3.20 - \$3.40 |

NOTE:

1. Adjusted earnings per share guidance (non-GAAP) and adjusted O&M (non-GAAP) are financial measures that are not calculated in accordance with GAAP and may not be comparable to other companies' presentations of similarly-named measures or more useful than the GAAP information.



GAAP to Non-GAAP O&M Reconciliation¹

| 2019 (\$ in millions) | |
|---|----------------|
| 2019 GAAP O&M | \$1,219 |
| Severance expense and rebranding costs | (32) |
| 2019 Adjusted O&M (non-GAAP) | \$1,187 |

| 2020 (\$ in millions) | |
|---|----------------|
| 2020 GAAP O&M | \$1,163 |
| Severance and advisor expenses | (99) |
| 2020 Adjusted O&M (non-GAAP) | \$1,064 |

NOTE:

1. Adjusted O&M (non-GAAP) is a financial measure that is not calculated in accordance with GAAP and may not be comparable to other companies' presentations of similarly-named measures or more useful than the GAAP information.



2019/2020 EPS: GAAP to Non-GAAP Reconciliation¹

| | Earnings (Loss) per Diluted Share | | Earnings (Loss) per Diluted Share | |
|---|--------------------------------------|----------------|-----------------------------------|----------------|
| | 2020 | | 2019 | |
| Three Months Ended December 31 | (millions, except per share amounts) | | | |
| Net income attributable to Evergy, Inc. | \$ 51.0 | \$ 0.22 | \$ 63.9 | \$ 0.28 |
| Non-GAAP reconciling items: | | | | |
| Rebranding costs, pre-tax ^(a) | — | — | 7.4 | 0.03 |
| Voluntary severance costs, pre-tax ^(b) | 11.0 | 0.05 | 4.7 | 0.02 |
| Advisor expenses, pre-tax ^(c) | 6.2 | 0.03 | — | — |
| Income tax benefit ^(d) | (4.4) | (0.02) | (3.2) | (0.01) |
| Adjusted earnings (non-GAAP) | \$ 63.8 | \$ 0.28 | \$ 72.8 | \$ 0.32 |
| Year Ended December 31 | 2020 | | 2019 | |
| | (millions, except per share amounts) | | | |
| Net income attributable to Evergy, Inc. | \$ 618.3 | \$ 2.72 | \$ 669.9 | \$ 2.79 |
| Non-GAAP reconciling items: | | | | |
| Rebranding costs, pre-tax ^(a) | — | — | 12.1 | 0.05 |
| Voluntary severance costs, pre-tax ^(b) | 66.3 | 0.29 | 19.8 | 0.08 |
| Advisor expenses, pre-tax ^(c) | 32.3 | 0.14 | — | — |
| Income tax benefit ^(d) | (25.2) | (0.11) | (7.8) | (0.03) |
| Kansas corporate income tax change ^(e) | 13.8 | 0.06 | — | — |
| Adjusted earnings (non-GAAP) | \$ 705.5 | \$ 3.10 | \$ 694.0 | \$ 2.89 |

(a) Reflects external costs incurred to rebrand the legacy Westar Energy and KCP&L utility brands to Evergy and are included in operating and maintenance expense on the consolidated statements of comprehensive income.

(b) Reflects severance costs incurred associated with certain voluntary severance programs at the Evergy Companies and are included in operating and maintenance expense on the consolidated statements of comprehensive income.

(c) Reflects advisor expenses incurred associated with strategic planning and are included in operating and maintenance expense on the consolidated statements of comprehensive income.

(d) Reflects an income tax effect calculated at a statutory rate of approximately 26%, with the exception of certain non-deductible items.

(e) Reflects the revaluation of Evergy Kansas Central's, Evergy Metro's and Evergy Missouri West's deferred income tax assets and liabilities from the Kansas corporate income tax rate change and are included in income tax expense on the consolidated statements of comprehensive income.

NOTE:

1. Diluted shares outstanding: 2020 = ~228M; 2019 = ~240M