



4th Quarter 2023 Earnings Release Presentation on February 27, 2024

Published on February 26, 2024



“Safe Harbor” Statement Under the Private Securities Litigation Reform Act of 1995

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anticipated securitizations do not materialize, and (ii) during periods when the time lag between incurring costs and recovery is long and the costs are material, decreased demand for electricity, weather conditions, including storms and drought conditions, and the ability to recover significant storm restoration costs, limitations or restrictions on the amounts and types of insurance available to cover losses that might arise in connection with natural disasters or operations, the cost of fuel and its transportation, the creditworthiness and performance of fuel suppliers and transporters and the cost of storing and disposing of used fuel, including coal ash and spent nuclear fuel, the availability of fuel and necessary generation capacity and performance of generation plants, the ability to recover fuel and other energy costs through regulated or competitive electric rates, the ability to transition from fossil generation and the ability to build or acquire renewable generation, transmission lines and facilities (including the ability to obtain any necessary regulatory approvals and permits) when needed at acceptable prices and terms, including favorable tax treatment, meet cost caps imposed by regulators and other operational commitments to regulatory commissions and customers for renewable generation projects, and to recover all related costs, the impact of pandemics and any associated disruption of AEP’s business operations due to impacts on economic or market conditions, costs of compliance with potential government regulations, electricity usage, supply chain issues, customers, service providers, vendors and suppliers, new legislation, litigation or government regulation, including changes to tax laws and regulations, oversight of nuclear generation, energy commodity trading and new or heightened requirements for reduced emissions of sulfur, nitrogen, mercury, carbon, soot or particulate matter and other substances that could impact the continued operation, cost recovery and/or profitability of generation plants and related assets, the impact of federal tax legislation on results of operations, financial condition, cash flows or credit ratings, the risks before, during and after generation of electricity associated with the fuels used or the byproducts and wastes of such fuels, including coal ash and spent nuclear fuel, timing and resolution of pending and future rate cases, negotiations and other regulatory decisions, including rate or other recovery of new investments in generation, distribution and transmission service and environmental compliance, resolution of litigation or regulatory proceedings or investigation, the ability to efficiently manage operation and maintenance costs, prices and demand for power generated and sold at wholesale, changes in technology, particularly with respect to energy storage and new, developing, alternative or distributed sources of generation, the ability to recover through rates any remaining unrecovered investment in generation units that may be retired before the end of their previously projected useful lives, volatility and changes in markets for coal and other energy-related commodities, particularly changes in the price of natural gas, the impact of changing expectations and demands of customers, regulators, investors and stakeholders, including focus on environmental, social and governance concerns, changes in utility regulation and the allocation of costs within regional transmission organizations, including ERCOT, PJM and SPP, changes in the creditworthiness of the counterparties with contractual arrangements, including participants in the energy trading market, actions of rating agencies, including changes in the ratings of debt, the impact of volatility in the capital markets on the value of the investments held by the pension, other postretirement benefit plans, captive insurance entity and nuclear decommissioning trust and the impact of such volatility on future funding requirements, accounting standards periodically issued by accounting standard-setting bodies, and other risks and unforeseen events, including wars and military conflicts, the effects of terrorism (including increased security costs), embargoes, wildfires, cyber security threats and other catastrophic events, the ability to attract and retain requisite work force and key personnel.



Non-GAAP Financial Measures

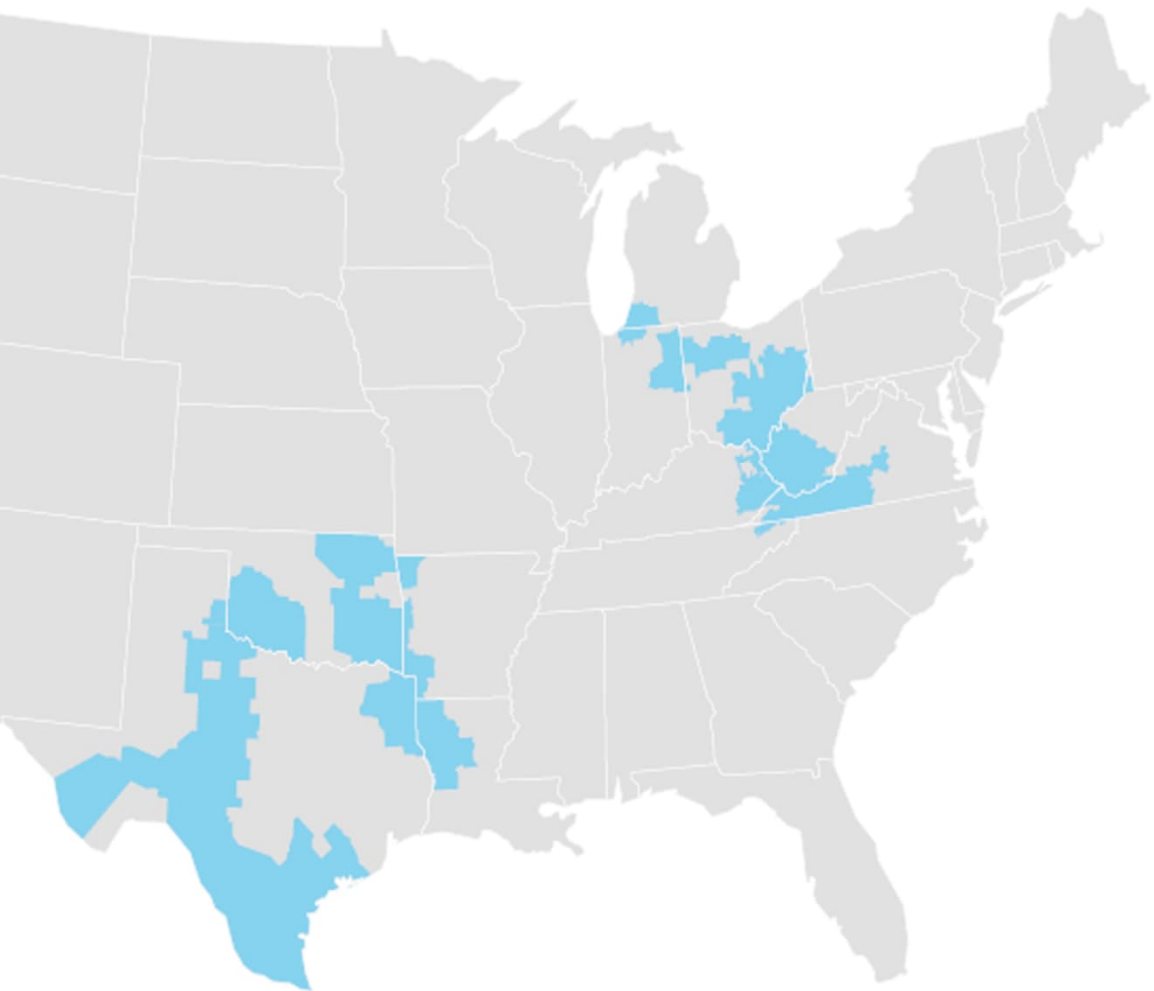
AEP reports its financial results in accordance with accounting principles generally accepted in the United States (GAAP). AEP supplements the reporting of financial information determined in accordance with GAAP with certain non-GAAP financial measures, including operating earnings (non-GAAP) and FFO to Total Debt (non-GAAP). Operating earnings exclude certain gains and losses and other specified items, including mark-to-market adjustments from commodity hedging activities and other items as set forth in the reconciliation in the Appendix. FFO to Total Debt is adjusted for capital and operating leases, pension, capitalized interest, adjustments related to hybrid debt and changes in working capital. Operating earnings could differ from GAAP earnings for matters such as impairments, divestitures, or changes in accounting principles. AEP management is not able to forecast if any of these items will occur or any amounts that may be reported for future periods. Therefore, AEP is not able to provide a corresponding GAAP equivalent for earnings guidance.

This information is intended to enhance an investor's overall understanding of period over period financial results and provide an indication of AEP's baseline operating performance by excluding items that are considered by management to be not directly related to the ongoing operations of the business. In addition, this information is among the primary indicators management uses as a basis for evaluating performance, allocating resources, setting incentive compensation targets and planning and forecasting of future periods.

These non-GAAP financial measures are not a presentation defined under GAAP and may not be comparable to other companies' presentations. AEP has provided these non-GAAP financial measures as supplemental information and in addition to the financial measures that are calculated and presented in accordance with GAAP. These non-GAAP measures should not be deemed more useful than, a substitute for, or an alternative to the most comparable GAAP measures provided in the materials presented. Reconciliations of these non-GAAP measures to the most comparable GAAP measures are provided in the appendices and supplemental schedules to this presentation.



AEP Is a Pure Play Regulated Utility



40K
TRANSMISSION MILES
Nation's largest electric transmission system

225K
DISTRIBUTION MILES
One of the largest distribution systems in the U.S.

23GW
OWNED GENERATION
Diverse generation fleet

\$97B
TOTAL ASSETS
Strong balance sheet

\$66B
RATE BASE
Strong rate base growth

\$43B
CURRENT MARKET CAPITALIZATION
As of February 23, 2024

17,000
EMPLOYEES
Across the system

5.6M
CUSTOMERS
Throughout 11 states

Statistics are as of December 31, 2023, unless separately disclosed.

AEP Is Powering the Future

One of the Largest Utilities in the U.S. by Rate Base and Market Cap



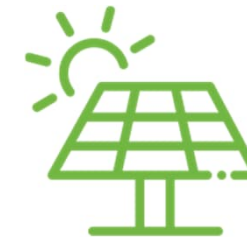
Delivering Consistent, Strong Performance

- Stable, resilient business allows us to keep customer rates affordable
- Commitment to 6%-7% annual operating earnings growth; dividend growth is in line with earnings
- 10%-11% consistent total shareholder return
- Strong balance sheet with a targeted FFO/Debt of 14%-15%
- 2024 operating earnings guidance range of \$5.53-\$5.73



Operating Attractive Transmission and Distribution Assets

- Largest transmission provider in the U.S.
- One of the largest distribution providers in the U.S.
- Bolstered by organic growth with diversity in geographic footprint and customer base
- Capital forecast of \$43B includes \$16B of transmission investment and \$11.3B of distribution investment



Leading the Clean Energy Transition

- Proven track record of investing in sustainability and reducing fleet emissions
- Plans to add 20 GW of new resource opportunities between 2024 and 2033
- Goal of net zero by 2045
- Capital forecast includes \$9.4B of regulated renewable investment



Actively Managing the Business and Portfolio

- Immediate-term focus on simplifying business
- Thoughtful and proactive portfolio management and investment to support strategy
- Strong employee base led by experienced leaders with a shared passion for the AEP mission



2023 Highlights

Financial Performance

- GAAP earnings of \$0.64 per share for Q4-23 and \$4.26 for 2023
- Operating earnings of \$1.23 per share for Q4-23 and \$5.25 for 2023
- Increased quarterly dividend in line with earnings and payout ratio of 60%-70%
- Actions taken to adjust in a dynamic environment including extremely mild weather and high interest rates
- FFO/Debt of 13.2% at yearend

Simplify and De-risk the Business

- Unregulated contracted renewables sale completed
- Signed sale agreement for New Mexico Renewable Development business
- On track with the announced sales of Retail and Distributed Resources businesses

Actively managed the business in a dynamic landscape

Legislative and Regulatory Outcomes

- Securitization legislation passed in Kentucky
- Bi-annual Distribution Cost Recovery Factor legislation passed in Texas
- Biennial rate review legislation passed in Virginia
- Constructive base rate case approvals obtained in Louisiana, Oklahoma (2022 case) and Virginia
- Formula rate plans reestablished in Arkansas and Louisiana
- Settlement reached in Ohio ESP V filing
- New base cases filed in Indiana and Michigan
- Kentucky sale transaction terminated followed by new base case filing
- Disappointing Texas capitalized AFUDC order received related to Turk Plant

Regulated Renewables Execution

- Positive progress towards the \$9.4B regulated renewables in 2024-2028 capital forecast
 - Obtained regulatory approvals for owned renewables at APCo, I&M, PSO and SWEPCO; approved projects totaled \$6.6B
 - Issued additional RFPs at APCo, I&M, KPCo and PSO



2024 Focus

Financial Performance

- Reaffirm 2024 operating earnings guidance range of \$5.53-\$5.73, midpoint of \$5.63
- Reaffirm 6%-7% long-term operating earnings growth with dividend growth in-line with earnings
- Support growth and keep customer rates low through renewables and economic development activities
- Execute on \$43B capital plan from 2024-2028 to support reliability, system resiliency and fleet transformation
- Targeted FFO/Debt of 14%-15%; plan to be in range in 2024

Portfolio Management

- Complete New Mexico Renewable Development sale by the end of February 2024
- Working through the final phases of the Retail and Distributed Resources sale process and expect that process to conclude by the end of Q2 2024
- Keep Transource Energy and Prairie Wind/Pioneer transmission joint venture businesses

Commitment to regulatory execution and keeping customers at the center of every decision we make

Regulatory Initiatives and Updates

- Build upon AEP talent and strengthen relationships at federal and local levels for more successful regulatory outcomes
- Close the ROE gap by advancing positive regulatory strategies
- Finalize current Indiana and Ohio Electric Security Plan V settlements and base rate case in Michigan
- Kentucky base case and securitization approval obtained in January 2024
- New Oklahoma base rate case filed in January 2024 followed by an AEP Texas base case and Virginia biennial rate review both expected to be filed in Q1-24
- Disappointing West Virginia fuel cost recovery and FERC NOLC transmission orders received in January 2024

Fleet Transformation Activities

- Continue regulated resource additions in key jurisdictions
- RFPs currently in progress at I&M, KPCo, PSO and SWEPCO



Asset Sales

Sell New Mexico Renewable Development (NMRD), a joint venture solar portfolio

- On 12/22/23, AEP **signed an agreement** to sell 50% of NMRD to Exus North American Holdings, LLC. AEP and PNM Resources plan to sell the portfolio of 15 solar projects totaling 625 MW
- Purchase price of approximately \$230M subject to true-up adjustments at close; AEP's share of the sale is about \$115M
- Cash proceeds of approximately \$104M after tax and transaction fees
- Asset contributes \$0.01 EPS in 2024 operating earnings guidance; the sale transaction will not have a material impact on financial results
- Expect to close by the end of February 2024

Sell Retail and Distributed Resources businesses (not including NMRD)

- Book value of AEP's investment as of 12/31/2023: \$271M Retail and \$352M Distributed Resources
- Asset EPS contributions in 2024 operating guidance: \$0.08 Retail and \$0.02 Distributed Resources
- Advisor hired and **sale launched** in August 2023; working through final phases of the sale process and expect that process to conclude by the end of Q2 2024

Assets Retained

Keep Prairie Wind and Pioneer transmission joint ventures

- Sale launched in October 2023; decided to **keep** Prairie Wind and Pioneer as these businesses remain accretive
- As of 12/31/2023, AEP's portion of PP&E was \$122M and rate base was \$107M
- Assets contribute \$0.01 EPS in 2024 operating earnings guidance

Keep Transource transmission joint venture

- Completed strategic review; **keep** Transource Energy to continue to pursue FERC-regulated competitive transmission opportunities; forward-looking formula rate structure with growth opportunities outside of AEP's traditional footprint, track record of success in PJM and SPP
- As of 12/31/2023, AEP's portion of PP&E was \$461M and rate base was \$348M
- Assets contribute \$0.03 EPS in 2024 operating earnings guidance

Simplify the business profile through active management



4th Quarter 2023 Financial Update

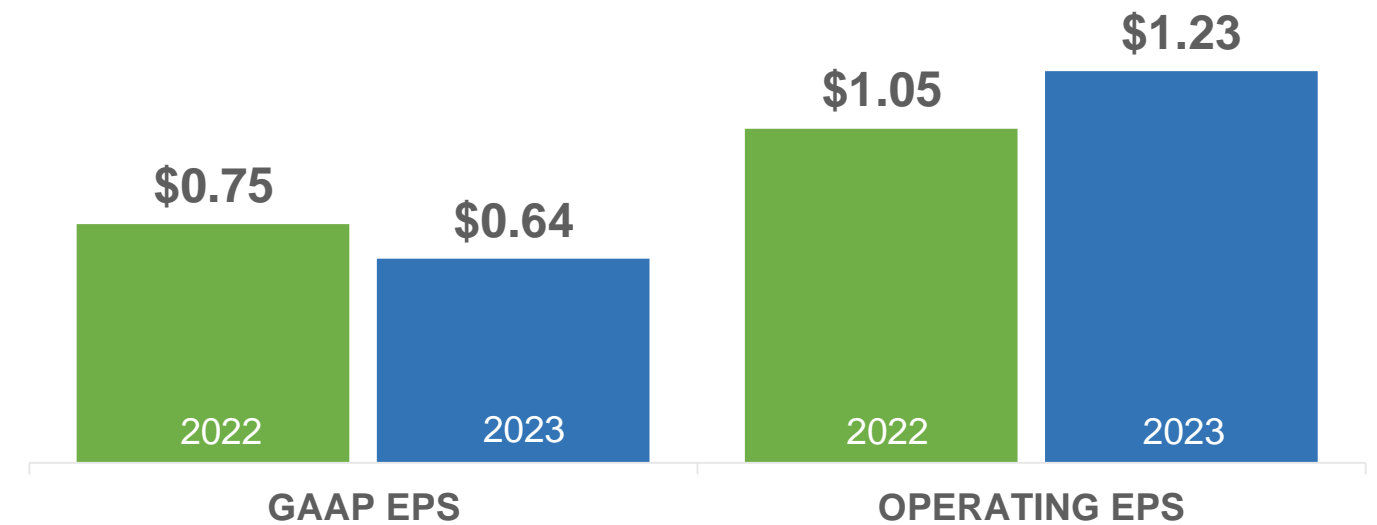
AEP delivered solid fourth quarter and 2023 earnings; successfully managed the business to overcome impacts of mild weather and high interest rates

Quarterly EPS is a stand alone amount and not always additive to full year amount due to rounding.

Refer to the Appendix for reconciliation between GAAP and Operating EPS.

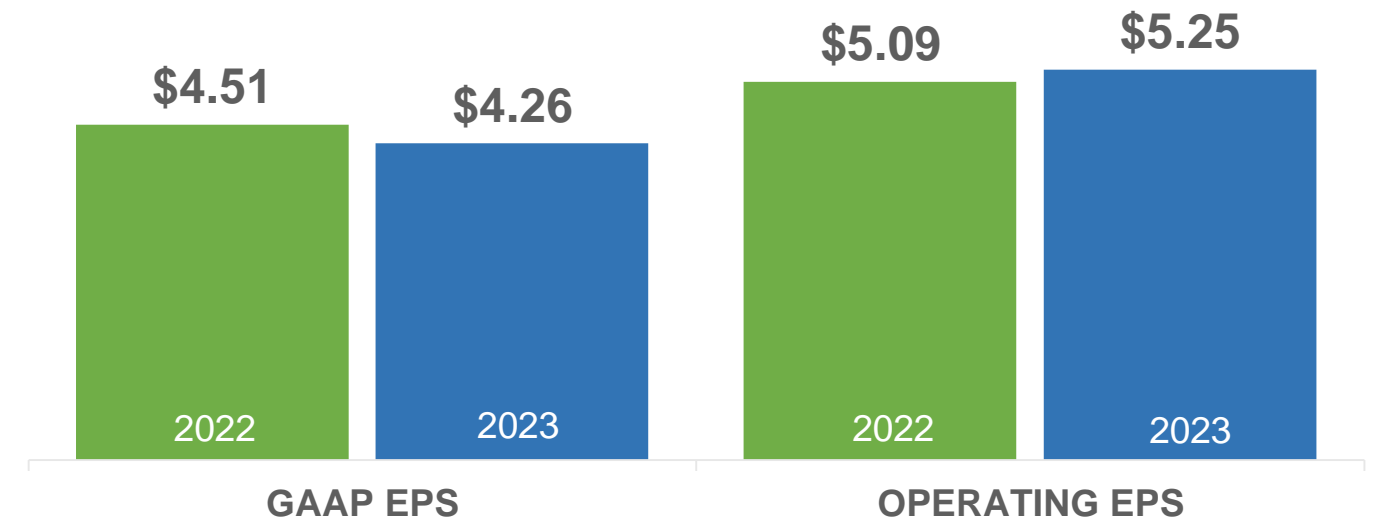
4th QUARTER 2023

- Delivered GAAP earnings of \$0.64 per share or \$336M for the fourth quarter of 2023
- Delivered operating earnings of \$1.23 per share or \$647M for the fourth quarter of 2023



YTD 2023

- Delivered GAAP earnings of \$4.26 per share or \$2.21B for the year
- Delivered operating earnings of \$5.25 per share or \$2.72B for the year



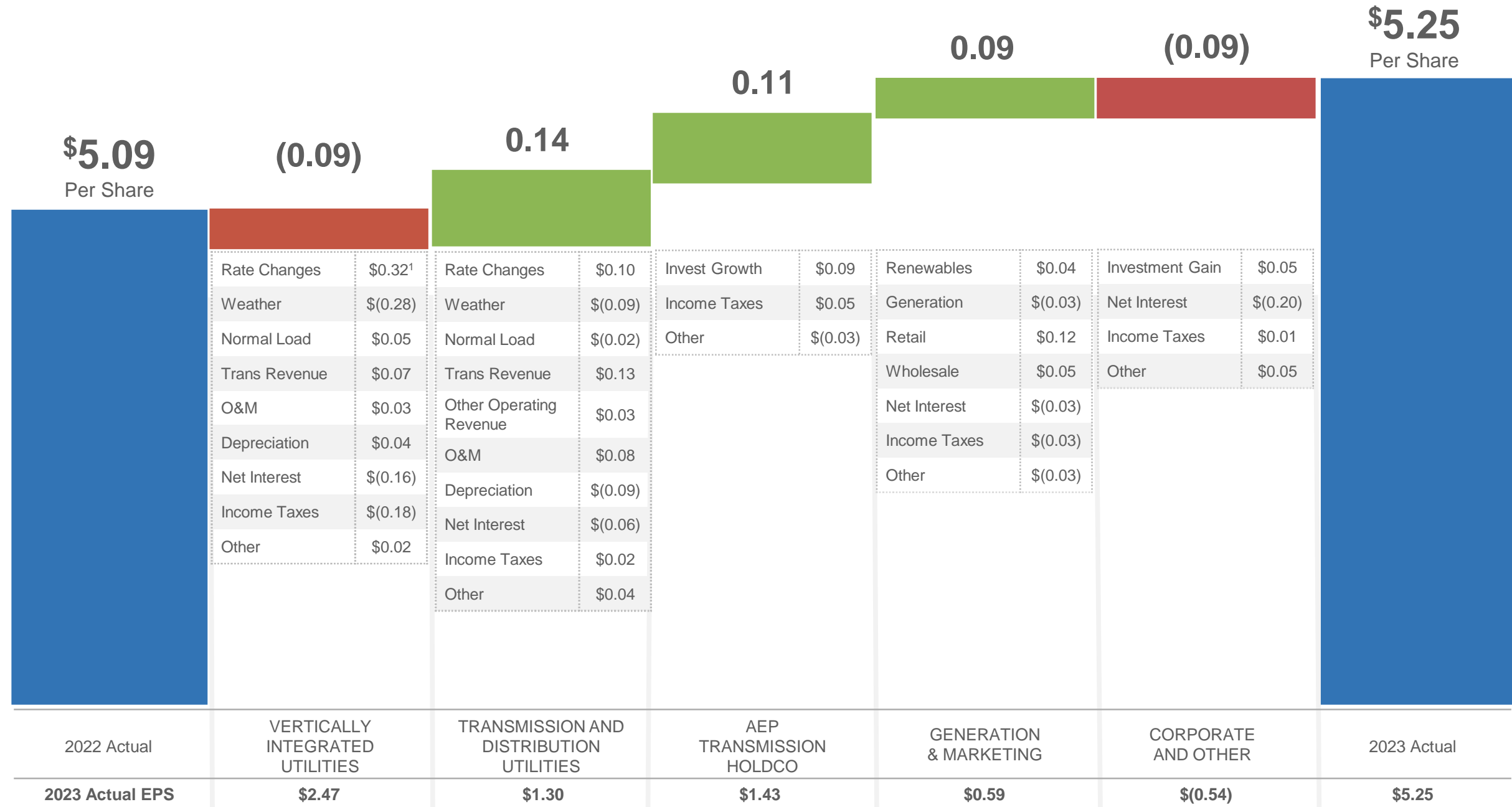


YTD 2023 Operating Earnings Segment Detail

Key Drivers YTD-23 vs. YTD-22

¹ Included \$(0.06) reversal of prior year gain related to the impact of the 2017-2019 APCo Virginia Triennial review remand proceedings.

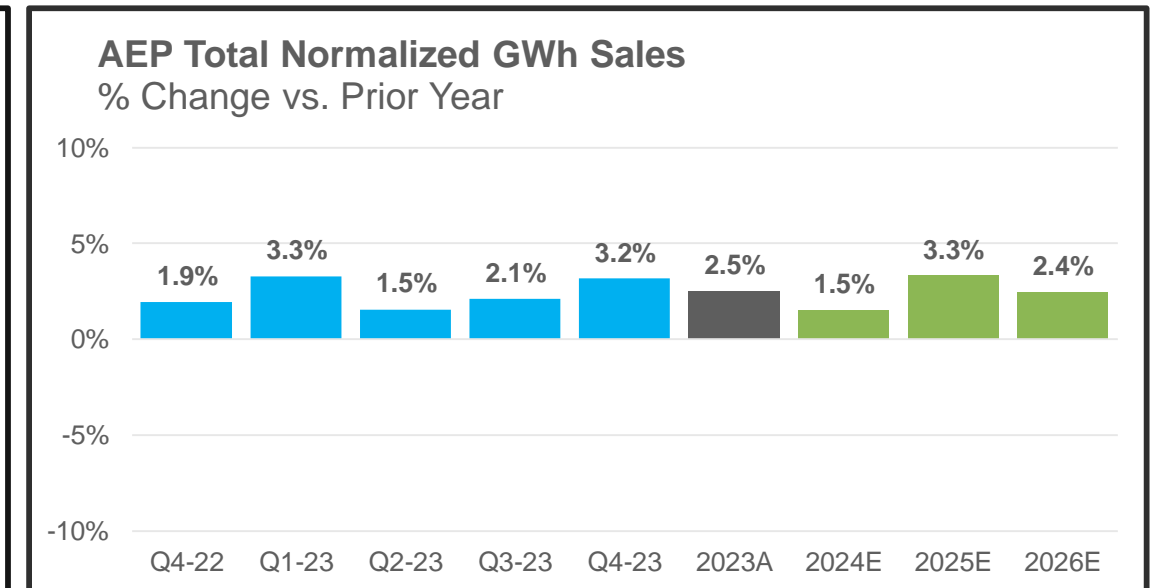
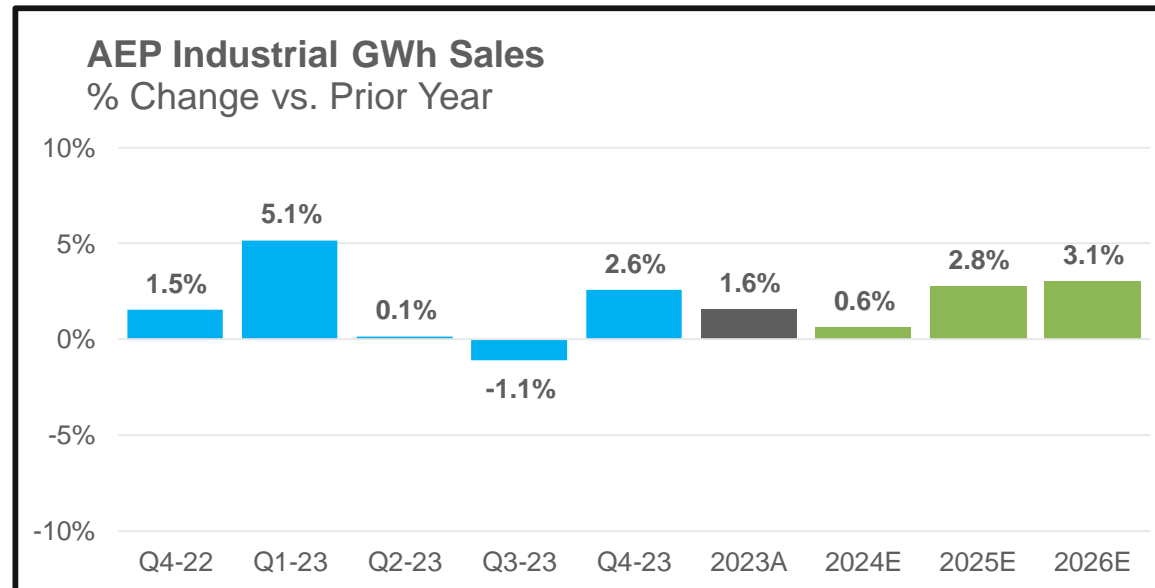
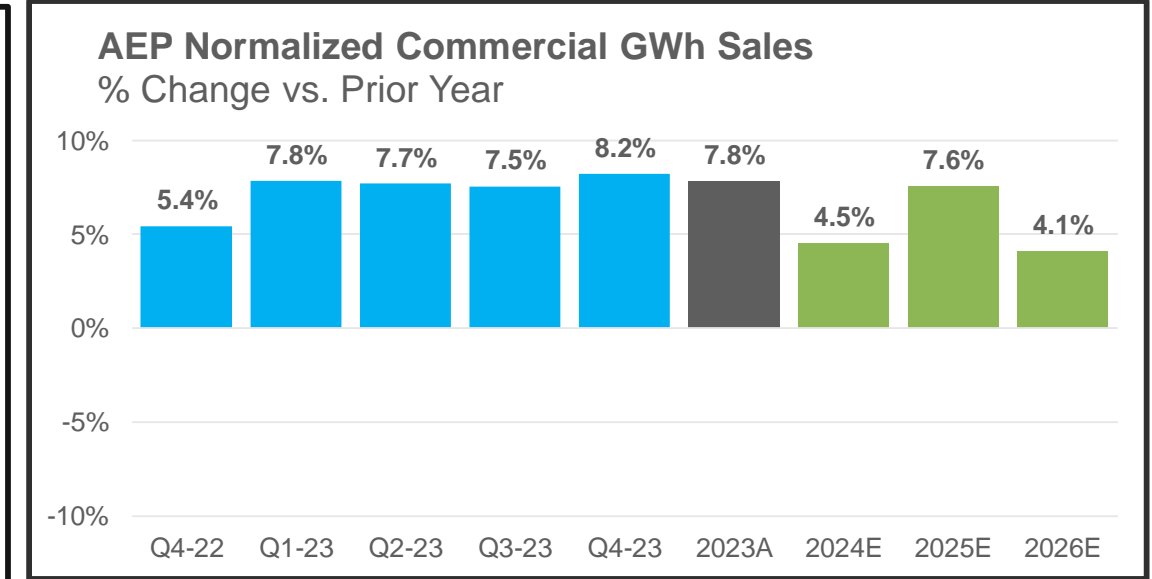
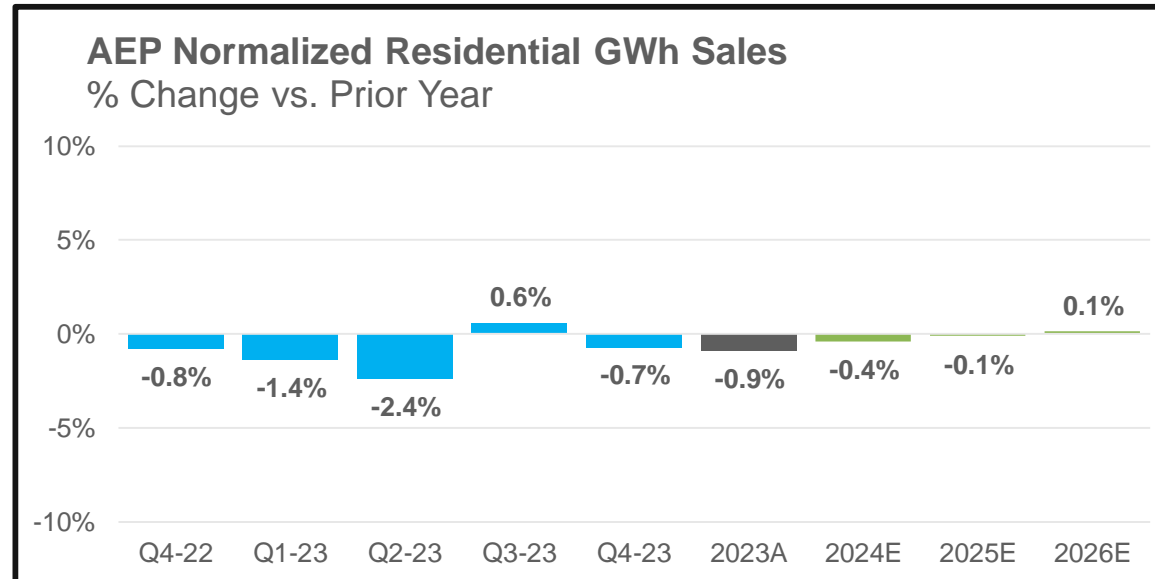
Refer to Appendix for the related 4Q-23 Operating Earnings Segment Detail.





Weather Normalized Billed Retail Load Trends

Load in AEP's service territory remains strong, benefiting from economic development efforts



Load figures are billed retail sales excluding firm wholesale load.

2024 estimates based on forecast provided at 2023 EEI Financial Conference and adjusted to reflect 2023 actual results.



Capitalization and Liquidity

12/31/2023 FFO/Debt was 13.2%

FFO to Total Debt (Trailing 12 Months)¹

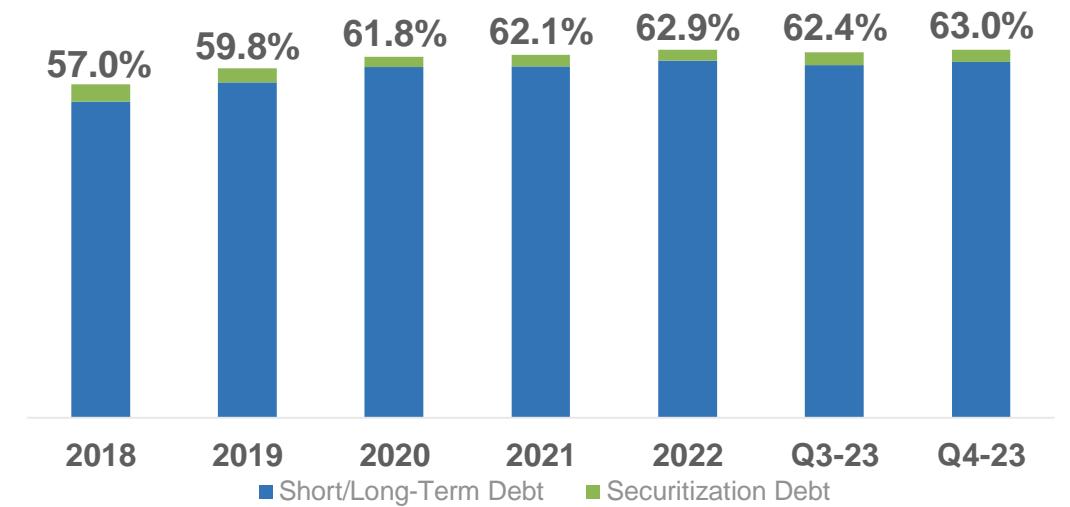
12/31/2023	13.2%
Targeted Range	14%-15%

Liquidity Summary

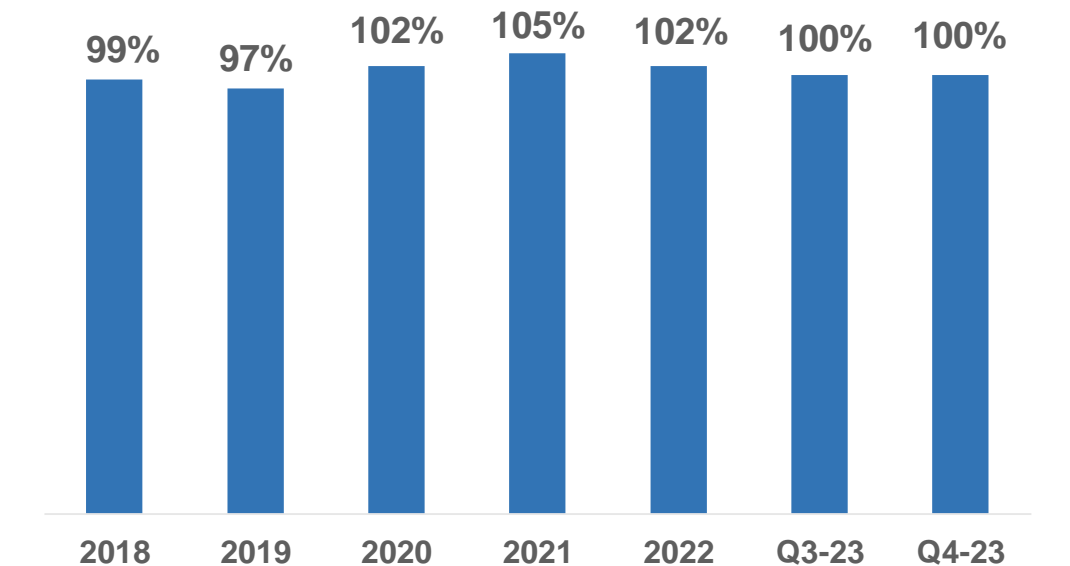
(\$ in millions)	12/31/2023 Actual	
	Amount	Maturity
Revolving Credit Facility	\$ 4,000	March 2027
Revolving Credit Facility	1,000	March 2025
Plus		
Cash & Cash Equivalents	330	
Less		
Commercial Paper Outstanding	(1,938)	
Net Available Liquidity	\$ 3,392	

¹ Moody's view as calculated by AEP and may not include all adjustments that could be made by the rating agency. See Appendix for FFO/Debt calculation.

Total Debt/Total Capitalization



Qualified Pension Funding



Summary of Stakeholder Commitments



**6%-7% Annual
Operating Earnings
Growth**



**ESG Goal of Net
Zero by 2045**



**Dividend Growth In-line with
Earnings Growth and Targeted
Payout Ratio of 60%-70%**



**Customer Care: Commitment to
Identification and Realization of
Efficiencies to Keep Customer Rates
Affordable**



**Strong Balance Sheet
with a Target FFO/Debt
of 14%-15%**



**Active Management of the AEP
Portfolio with the Primary Objective to
De-risk and Simplify Our Business**



Appendix

Q4-23 Performance





4th Quarter 2023 Operating Earnings Segment Detail

Key Drivers Q4-23 vs. Q4-22





4th Quarter Reconciliation of GAAP to Operating Earnings

Weighted average number of shares outstanding: 513.9M Q4-22 and 526.0M Q4-23

¹ Items recorded mainly or entirely in the Vertically Integrated Utilities segment.

² Items recorded mainly or entirely in the Generation & Marketing segment.

³ Items recorded mainly or entirely in the Corporate and Other segment.

⁴ Items recorded across multiple segments.

	\$ in millions			Earnings Per Share		
	Q4-22	Q4-23	Change	Q4-22	Q4-23	Change
Reported GAAP Earnings	\$ 384	\$ 336	\$ (48)	\$ 0.75	\$ 0.64	\$ (0.11)
Non-Operating Items:						
West Virginia Fuel Disallowance ¹	-	181	181	-	0.35	0.35
Turk Plant Disallowance ¹	-	80	80	-	0.15	0.15
Mark-to-Market Impact of Commodity Hedging Activities ⁴	90	55	(35)	0.18	0.10	(0.08)
Remeasurement of Excess ADIT Regulatory Liability ¹	-	(46)	(46)	-	(0.09)	(0.09)
FERC NOLC Disallowance ⁴	-	24	24	-	0.04	0.04
Severance Charges ⁴	-	19	19	-	0.04	0.04
Sale of Unregulated Renewables ²	1	(17)	(18)	-	(0.03)	(0.03)
Write-off of NMRD ²	-	15	15	-	0.03	0.03
Kentucky Operations ³	80	-	(80)	0.15	-	(0.15)
Write-off and Sale of Flat Ridge ²	(12)	-	12	(0.02)	-	0.02
Mark-to-Market Impact of Certain Investments ³	(3)	-	3	(0.01)	-	0.01
AEP Operating Earnings	\$ 540	\$ 647	\$ 107	\$ 1.05	\$ 1.23	\$ 0.18



YTD Reconciliation of GAAP to Operating Earnings

Weighted average number of shares outstanding: 511.8M YTD-22 and 518.9M YTD-23

¹ Items recorded mainly or entirely in the Vertically Integrated Utilities segment.

² Items recorded mainly or entirely in the Generation & Marketing segment.

³ Items recorded mainly or entirely in the Corporate and Other segment.

⁴ Items recorded across multiple segments.

	\$ in millions			Earnings Per Share		
	YTD-22	YTD-23	Change	YTD-22	YTD-23	Change
Reported GAAP Earnings	\$ 2,307	\$ 2,208	\$ (99)	\$ 4.51	\$ 4.26	\$ (0.25)
Non-Operating Items:						
Mark-to-Market Impact of Commodity Hedging Activities ⁴	(77)	228	305	(0.15)	0.44	0.59
West Virginia Fuel Disallowance ¹	-	181	181	-	0.35	0.35
Turk Plant Disallowance ¹	-	80	80	-	0.15	0.15
Sale of Unregulated Renewables ²	5	73	68	0.01	0.14	0.13
Remeasurement of Excess ADIT Regulatory Liability ¹	-	(46)	(46)	-	(0.09)	(0.09)
Kentucky Operations ³	307	(34)	(341)	0.59	(0.06)	(0.65)
Change in Texas Legislation ⁴	-	(24)	(24)	-	(0.05)	(0.05)
FERC NOLC Disallowance ⁴	-	24	24	-	0.04	0.04
Severance Charges ⁴	-	19	19	-	0.04	0.04
Write-off of NMRD ²	-	15	15	-	0.03	0.03
Write-off and Sale of Flat Ridge 2 ²	136	-	(136)	0.27	-	(0.27)
Gain on Sale of Mineral Rights ²	(92)	-	92	(0.18)	-	0.18
Write-off of Certain Virginia Assets ¹	24	-	(24)	0.05	-	(0.05)
Mark-to-Market Impact of Certain Investments ³	(3)	-	3	(0.01)	-	0.01
Accumulated Deferred Income Tax Adjustments ³	(2)	-	2	-	-	-
AEP Operating Earnings	\$ 2,605	\$ 2,724	\$ 119	\$ 5.09	\$ 5.25	\$ 0.16





Vertically Integrated Utilities 4th Quarter Performance


RATE PERFORMANCE

	Rate Changes, net of offsets (\$ in millions) Q4-23 vs. Q4-22
APCo/WPCo	\$22
I&M	\$15
KPCo	\$3
PSO	\$9
SWEPCO	\$17
Kingsport	-
Total	\$66
Impact on EPS	 \$0.10

WEATHER IMPACT

	Weather Impact (\$ in millions)	
	Q4-23 vs. Q4-22	Q4-23 vs. Normal
APCo/WPCo	\$(13)	\$(14)
I&M	\$(5)	\$(7)
KPCo	\$(4)	\$(5)
PSO	\$(1)	\$1
SWEPCO	\$(6)	\$(3)
Kingsport	-	-
Total	\$(29)	\$(28)
Impact on EPS	 \$0.04	 \$0.04

RETAIL LOAD PERFORMANCE

	Retail Load ¹ (weather normalized) Q4-23 vs. Q4-22
APCo/WPCo	0.3%
I&M	(0.1)%
KPCo	(0.6)%
PSO	(0.3)%
SWEPCO	0.3%
Kingsport	(5.8)%
Total	(0.1)%
Impact on EPS ²	 \$0.02

¹ Includes load on a billed basis only, excludes firm wholesale load and accrued sales.

² Includes EPS impact of accrued revenues.



Vertically Integrated Utilities YTD Performance

RATE PERFORMANCE

	Rate Changes, net of offsets (\$ in millions) YTD-23 vs. YTD-22
APCo/WPCo	\$49
I&M	\$83
KPCo	-
PSO	\$63
SWEPCO	\$51
Kingsport	-
Total	\$246
Impact on EPS	\$0.38

WEATHER IMPACT

	Weather Impact (\$ in millions)	
	YTD-23 vs. YTD-22	YTD-23 vs. Normal
APCo/WPCo	\$(77)	\$(75)
I&M	\$(45)	\$(36)
KPCo	\$(17)	\$(17)
PSO	\$(19)	\$6
SWEPCO	\$(21)	\$16
Kingsport	\$(3)	\$(3)
Total	\$(182)	\$(109)
Impact on EPS	\$0.28	\$0.17

RETAIL LOAD PERFORMANCE

	Retail Load ¹ (weather normalized) YTD-23 vs. YTD-22
APCo/WPCo	(1.0)%
I&M	0.9%
KPCo	0.4%
PSO	(0.1)%
SWEPCO	(0.2)%
Kingsport	4.1%
Total	(0.2)%
Impact on EPS ²	\$0.05


¹ Includes load on a billed basis only, excludes firm wholesale load and accrued sales.

² Includes EPS impact of accrued revenues.





Transmission and Distribution Utilities 4th Quarter Performance


RATE PERFORMANCE

	Rate Changes, net of offsets (\$ in millions) Q4-23 vs. Q4-22
AEP Ohio	\$6
AEP Texas	\$9
Total	\$15
Impact on EPS	 \$0.02

WEATHER IMPACT

	Weather Impact (\$ in millions)	
	Q4-23 vs. Q4-22	Q4-23 vs. Normal
AEP Ohio	\$(2)	\$(5)
AEP Texas	\$(11)	\$(6)
Total	\$(13)	\$(11)
Impact on EPS	 \$0.02	 \$0.02

RETAIL LOAD PERFORMANCE

	Retail Load ¹ (weather normalized) Q4-23 vs. Q4-22
AEP Ohio	4.3%
AEP Texas	9.8%
Total	6.8%
Impact on EPS ²	 \$0.02


¹ Includes load on a billed basis only, excludes firm wholesale load and accrued sales.

² Includes EPS impact of accrued revenues.





Transmission and Distribution Utilities YTD Performance


RATE PERFORMANCE

	Rate Changes, net of offsets (\$ in millions) YTD-23 vs. YTD-22
AEP Ohio	\$40
AEP Texas	\$25
Total	\$65
Impact on EPS	 \$0.10

WEATHER IMPACT

	Weather Impact (\$ in millions)	
	YTD-23 vs. YTD-22	YTD-23 vs. Normal
AEP Ohio	\$(49)	\$(44)
AEP Texas	\$(9)	\$14
Total	\$(58)	\$(30)
Impact on EPS	 \$0.09	 \$0.05

RETAIL LOAD PERFORMANCE

	Retail Load ¹ (weather normalized) YTD-23 vs. YTD-22
AEP Ohio	2.7%
AEP Texas	9.2%
Total	5.6%
Impact on EPS ²	 \$0.02

¹ Includes load on a billed basis only, excludes firm wholesale load and accrued sales.

² Includes EPS impact of accrued revenues.



FFO to Total Debt¹

FFO to Total Debt = 13.2%

\$5,737M FFO / \$43,482M Adjusted Total Debt

¹ Moody's view as calculated by AEP and may not include all adjustments that could be made by the rating agency.

FFO Calculation (in millions)	12 Months Ended 12/31/2023
Cash Flow from Operations (GAAP)	\$ 5,012
Changes in Working Capital	703
Operating Lease Depreciation	124
Capitalized Interest	(117)
Junior Subordinated Debentures Interest	15
Funds Flow from Operations (FFO) (non-GAAP)	\$ 5,737

Total Debt Calculation (in millions)	As of 12/31/2023
Total Debt (incl. current maturities) (GAAP)	\$ 42,973
Junior Subordinated Debentures (50%)	(375)
Operating Leases	635
Finance Lease Obligations	206
Pension	43
Adjusted Total Debt (non-GAAP)	\$ 43,482



Appendix

Financial Forecast





2024 Operating Earnings Guidance

2024 Key Drivers

¹ 2024 transmission-related EPS in VIU is \$0.80 of segment total.

² 2024 transmission-related EPS in T&D is \$0.69 of segment total.

2024 estimates based on forecast provided at 2023 EEI Financial Conference and adjusted to reflect 2023 actual results.



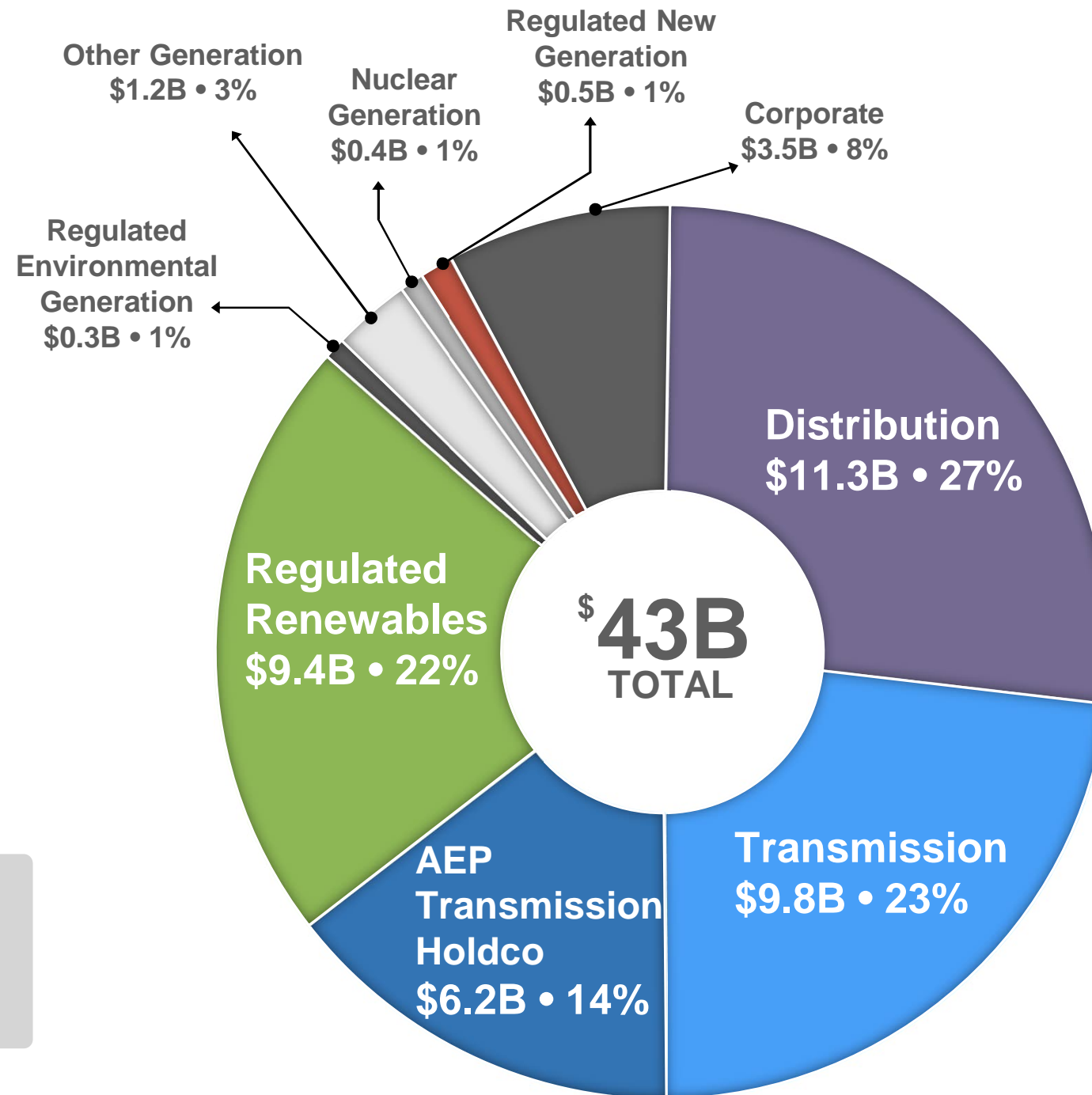


2024-2028 Capital Forecast of \$43B

The ability to quickly redeploy transmission and distribution investment ensures we deliver on our 6-7% EPS growth commitment while mitigating customer bill impact

On a system average, we expect rates to go up approximately 3% annually over the forecasted period

A balanced, flexible and robust capital plan designed to meet our customers needs



100%
of capital allocated to regulated businesses

\$27B 64%
allocated to wires

\$9B 22%
allocated to regulated renewables

7.2%
resulting rate base CAGR



2024-2028 Cash Flows and Financial Metrics

¹ Reflects original estimated after tax cash receipts to Parent of \$700M for sales currently in process.

² Targeted dividend growth is in-line with 6%-7% annual operating earnings growth, subject to approval by the Board of Directors. The stated target payout ratio range is 60%-70% of operating earnings.

Actual cash flows will vary by company and jurisdiction based on regulatory outcomes.

\$ in millions	2024E	2025E	2026E	2027E	2028E
Cash from Operations	\$ 6,700	\$ 6,800	\$ 7,700	\$ 8,200	\$8,600
Net Cash Proceeds from Sale of Assets	700 ¹	-	-	-	-
Capital Expenditures:					
Capital and JV Equity Contributions	(7,000)	(6,200)	(6,400)	(6,400)	(7,200)
Renewable Capital Expenditures	(600)	(4,000)	(2,200)	(700)	(1,900)
Other Investing Activities	(200)	(300)	(200)	(200)	(200)
Common Dividends ²	(1,900)	(2,100)	(2,200)	(2,400)	(2,600)
Required Capital	\$ (2,300)	\$ (5,800)	\$ (3,300)	\$ (1,500)	\$ (3,300)
Financing					
Required Capital	\$ (2,300)	\$ (5,800)	\$ (3,300)	\$ (1,500)	\$ (3,300)
Long-term Debt Maturities	(2,200)	(3,200)	(1,700)	(1,500)	(2,300)
Short-term Debt Repayments	-	-	-	-	-
Securitization Amortizations	(100)	(100)	(100)	(100)	(100)
Equity Units Conversion	-	-	-	-	-
Equity Issuances – Includes DRP	400	800	800	700	700
Debt Capital Market Needs (New)	\$ (4,200)	\$ (8,300)	\$ (4,300)	\$ (2,400)	\$ (5,000)
Financial Metrics					
Debt to Capitalization	Approximately 61%-63%				
FFO/Total Debt	14%-15% Target Range				

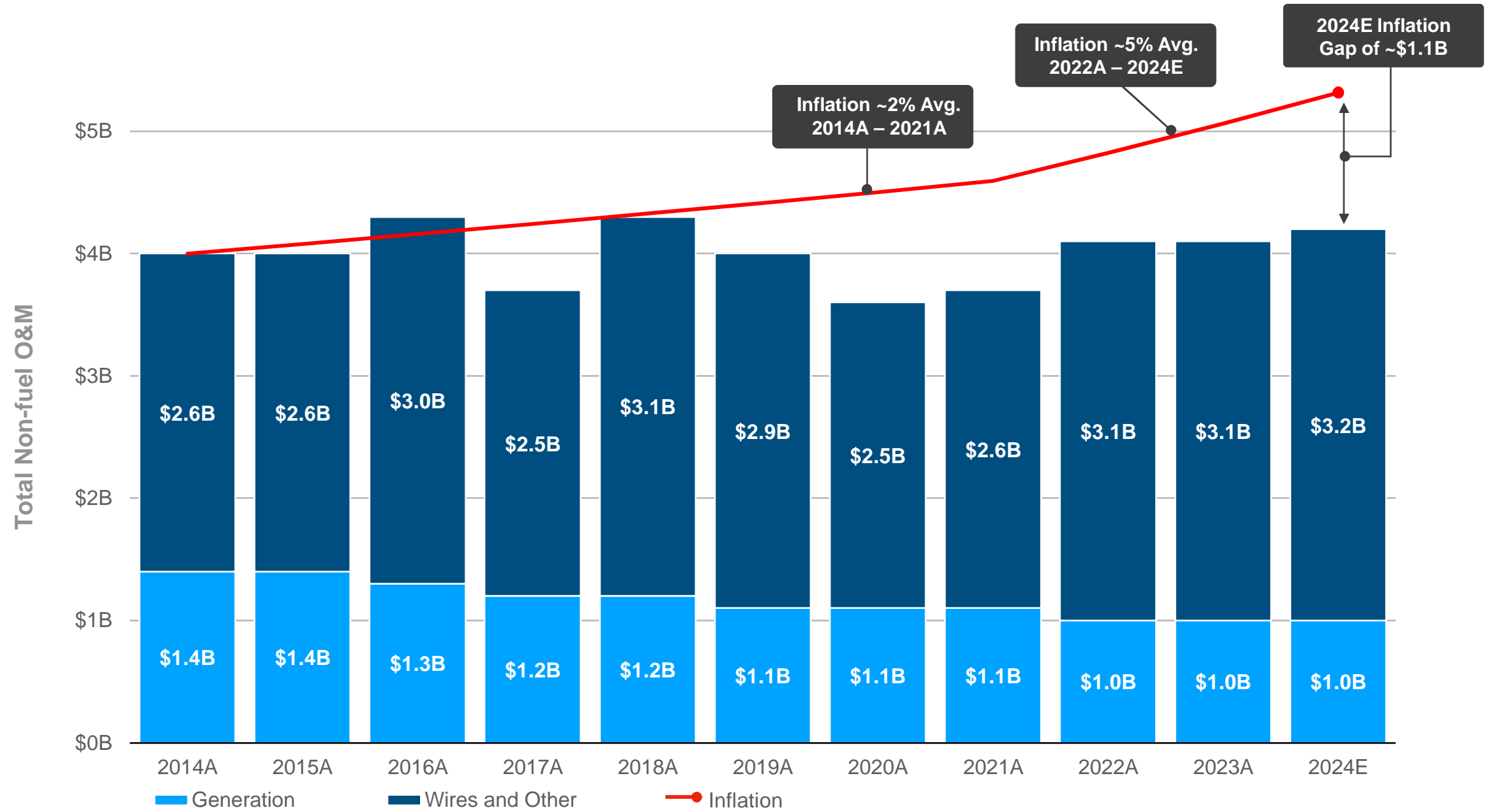


Continuous Focus on O&M Efficiency

O&M discipline over time amid rising costs and growing asset base helps keep customer rates affordable

\$44B 2014A Net Plant **\$82B** 2024E Net Plant

Total tracked and untracked O&M are both actively managed to address customer affordability



(in billions)	2014A	2015A	2016A	2017A	2018A	2019A	2020A	2021A	2022A	2023A	2024E
Untracked O&M	\$3.1	\$3.1	\$3.1	\$2.8	\$3.1	\$3.1	\$2.7	\$2.8	\$3.0	\$2.9	\$2.8



Appendix

Regulatory, Renewables and Economic Development







Regulated Returns

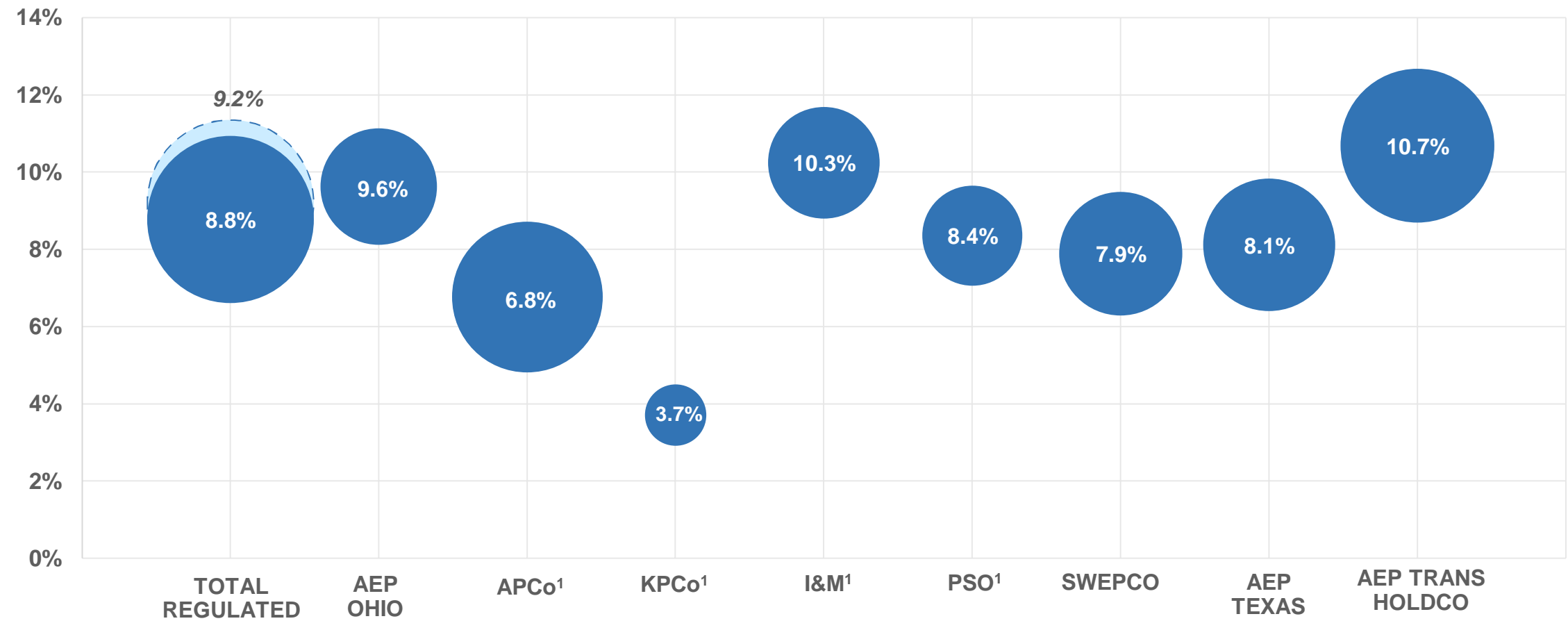
Regulated Operations ROE as of 12/31/2023 of 8.8%; depressed by approximately 40 bps on mild weather

¹ Base rate cases pending/order recently received.

Sphere size is based on each company's relative equity balance.

-  12 Months Ended 12/31/2023 earned ROE; weather normalized
-  12 Months Ended 12/31/2023 earned ROE; not weather normalized

Twelve Months Ended 12/31/2023 Earned ROE's – Total Regulated ROE was 8.8% (non-GAAP operating earnings, not weather normalized)





Current Rate Case Activity

Continued focus on regulatory execution



APCo – Virginia

Docket #	PUR-2023-00002
Filing Date	3/31/2023
Requested Rate Base	\$2.9B
Requested ROE	10.6%
Cap Structure	51.7%D / 48.3%E
Gross Revenue Increase	\$213M (Less \$53M D&A)
Net Revenue Increase	\$160M
Test Year	12/31/2022
<u>Commission Order Summary</u>	
Settlement Filed	8/22/2023
Commission Order	11/30/2023
Effective Date	1/29/2024
ROE	9.5%
Cap Structure	51.7%D / 48.3%E
Gross Revenue Increase	\$127M
Net Revenue Increase	\$86M



I&M – Indiana

Docket #	45933
Filing Date	8/9/2023
Requested Rate Base	\$5.4B
Requested ROE	10.5%
Cap Structure	48.8%D / 51.2%E
Gross Revenue Increase	\$116M (Less \$75M D&A)
Net Revenue Increase	\$41M
Test Year	2024 Forecasted
<u>Settlement Summary</u>	
Settlement Filed	12/20/2023
Expected Commission Order and Effective Date	June 2024
ROE	9.85%
Capital Structure	50%D / 50%E in 2024; 48.8%D / 51.2%E in 2025
Net Revenue Increase	\$16M in 2024; \$50M in 2025



I&M - Michigan

Docket #	U-21461
Filing Date	9/15/2023
Requested Rate Base	\$1.3B
Requested ROE	10.5%
Cap Structure	49.4%D / 50.6%E
Revenue Increase	\$34M
Test Year	2024 Forecasted
<u>Procedural Schedule</u>	
Expected Commission Order and Effective Date	July 2024



Current Rate Case Activity



Continued focus on regulatory execution

KPCo – Kentucky¹

Docket #	2023-00159
Filing Date	6/29/2023
Requested Rate Base	\$1.8B
Requested ROE	9.9%
Cap Structure	58.4%D / 41.6%E
Net Revenue Increase	\$55M ²
Test Year	3/31/2023
<i>Commission Order Summary</i>	
Settlement Filed	11/20/2023
Commission Order	1/19/2024
Effective Date	1/16/2024
Rate Base	\$1.6B
ROE	9.75%
Cap Structure	58.8%D / 41.2%E
Gross Revenue Increase	\$60M
Net Revenue Increase	\$21M

PSO – Oklahoma (2022 Case)

Docket #	PUD 2022-000093
Filing Date	11/22/2022
Requested Rate Base	\$4.4B
Requested ROE	10.4%
Cap Structure	45.4%D / 54.6%E
Gross Revenue Increase	\$173M ³ (Less \$70M D&A)
Net Revenue Increase	\$103M
Test Year	6/30/2022
<i>Commission Order Summary⁴</i>	
Settlement Filed	5/5/2023
Commission Order	11/3/2023 ⁵
Effective Date	6/1/2023
ROE	9.3%
Cap Structure	48%D / 52%E
Net Revenue Increase	\$47M

PSO – Oklahoma (2024 Case)

Docket #	PUD 2023-000086
Filing Date	1/31/2024
Requested Rate Base	\$4.5B
Requested ROE	10.8%
Cap Structure	48.9%D / 51.1%E
Gross Revenue Increase	\$185M (Less \$55M D&A)
Net Revenue Increase	\$130M
Test Year	8/31/2023

¹ The base case filing also included a request to securitize \$471M of regulatory assets to mitigate rate impacts; the commission approved the securitization financing order on 1/10/2024.

² Does not include \$39M of existing riders moving to base rates; total revenue increase equals \$94M.

³ Does not include \$75M of existing riders moving to base rates.

⁴ The commission approved efficient cost recovery mechanisms with the continuation of T&D trackers.

⁵ On 11/21/2023, the commission modified the order to include a 2.5% residential cap; no impact to the stated revenue increase.



Resource Plans Are Aligned with Capacity Needs

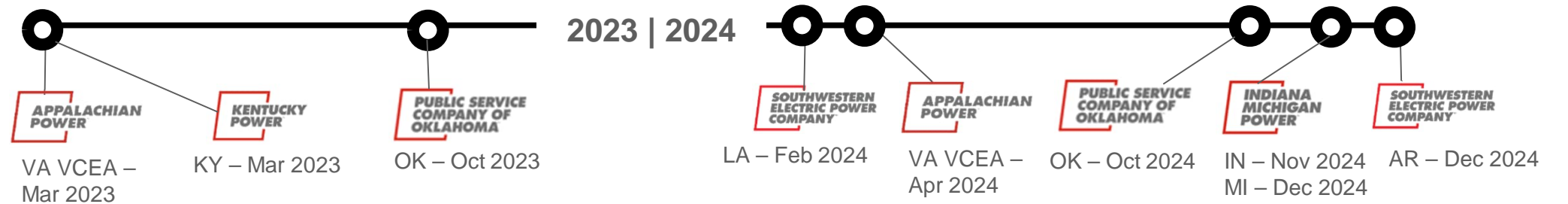
Current IRPs identified ~20 GW of new generation opportunities over the next 10 years

¹ Resource additions are from Integrated Resource Plans (IRP) filings.

² Investments in new generation resources will be subject to market availability of economic projects, regulatory preferences and approvals and RTO capacity requirements.

³ Natural gas additions may include peaking units and fuel switching to provide reliable, affordable and flexible power.

IRP FILINGS



2024-2033 RESOURCE NEEDS

GENERATION ADDITIONS 2024-2033 (MW) ^{1,2}	SOLAR	WIND	STORAGE	NAT. GAS ³	TOTAL
APCo	1,454	1,029	308	-	2,791
I&M	1,500	800	315	1,250	3,865
KPCo	800	700	-	480	1,980
PSO	1,193	4,053	20	1,200	6,466
SWEPco	973	1,399	400	2,253	5,025
TOTAL	5,920	7,981	1,043	5,183	20,127



Regulated New Generation Status

Approved owned projects total \$6.6B; projects pending commission approval total \$150M

¹ The project approval also included PPAs for seven solar facilities for a total of 204 MW.

Approved projects may be impacted by market conditions during development.



Total Investment	Resource	Project	MWs	In Service/ Acquisition Date	Jurisdictional Status
209 MW / ~\$500M	Solar	Amherst / Virginia	5	2023	Projects <u>Approved</u> July 2022 Docket # PUR-2021-00206
	Wind	Top Hat / Illinois	204	2025	
143 MW / ~\$426M ¹	Wind	Grover Hill / Ohio	143	2026	Project <u>Approved</u> September 2023 Docket # PUR-2023-00001
469 MW / ~\$1.0B	Solar	Lake Trout / Indiana	245	2026	Indiana Order Projects <u>Approved</u> October 2023 Docket # 45868
	Solar	Mayapple / Indiana	224	2026	Michigan Orders Docket # U-21189 Mayapple <u>Approved</u> August 2023 Docket # U-21377 Lake Trout <u>Approved</u> December 2023
995.5 MW / ~\$2.5B	Solar	Algodon / Texas	150	2026	Projects <u>Approved</u> May 2023 Docket # 2022-000121
	Solar	Chisholm Trail / Kansas	103.5	2025	
	Solar	Pixley / Kansas	189	2025	
	Wind	Flat Ridge IV / Kansas	135	2025	
	Wind	Flat Ridge V / Kansas	153	2025	
154 MW / ~\$150M	Wind	Lazbuddie / Texas	265	2026	Inclusion of Rock Falls in rate base (Docket # PUD 2023-000086)
	Wind	Rock Falls / Oklahoma	154	2023	
999 MW / ~\$2.2B	Solar	Mooringsport / Louisiana	200	2027	Projects <u>Approved</u> June 2023 Arkansas Docket # 22-019-U Louisiana Docket # U-36385
	Wind	Diversion / Texas	201	2024	
	Wind	Wagon Wheel / Oklahoma	598	2025	



Total Projects Listed = 3.0 GW / \$6.8B Investment

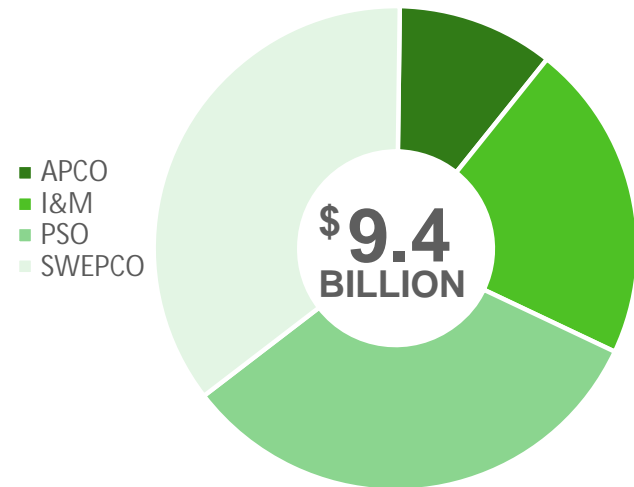


Regulated New Generation Investment Growth

Continuing execution on the \$9.4B regulated renewables investment over the next five years

RFPs IN PROGRESS ¹	INDIANA MICHIGAN POWER	PUBLIC SERVICE COMPANY OF OKLAHOMA	SOUTHWESTERN ELECTRIC POWER COMPANY
RFPs Issued	March 2023	November 2023	January 2024
Wind	800 MW	1,500 MW of SPP accredited capacity	2,100 MW of SPP accredited capacity
Solar	850 MW		
Storage	315 MW		
Natural Gas	540 MW		
Reg. Filings and Approvals	Q2-24 – Q2-25	Q4-24 – Q3-25	Q1-25 – Q1-26
Projected In-service Dates	2027	2027 or 2028	2027 or 2028

2024-2028 CAPEX



REGULATED GENERATION INVESTMENT

~20 GW Opportunities

Significant long-term investment potential over the next decade

Capital Flexibility

Investments contingent upon markets and regulatory approvals and are backed-up by a flexible pipeline of T&D investments

Growth Drivers

Generation needs coupled with new federal legislation support our clean energy goals and extend our investment runway

¹ RFPs represent up-to MW capacity values; related regulatory filings will take into consideration commission preferences including owned and contracted resources. Additional RFP issuances are expected in the near term consistent with IRPs for energy and capacity needs. KPCo RFP details are not shown as the company only seeks contracted resources.

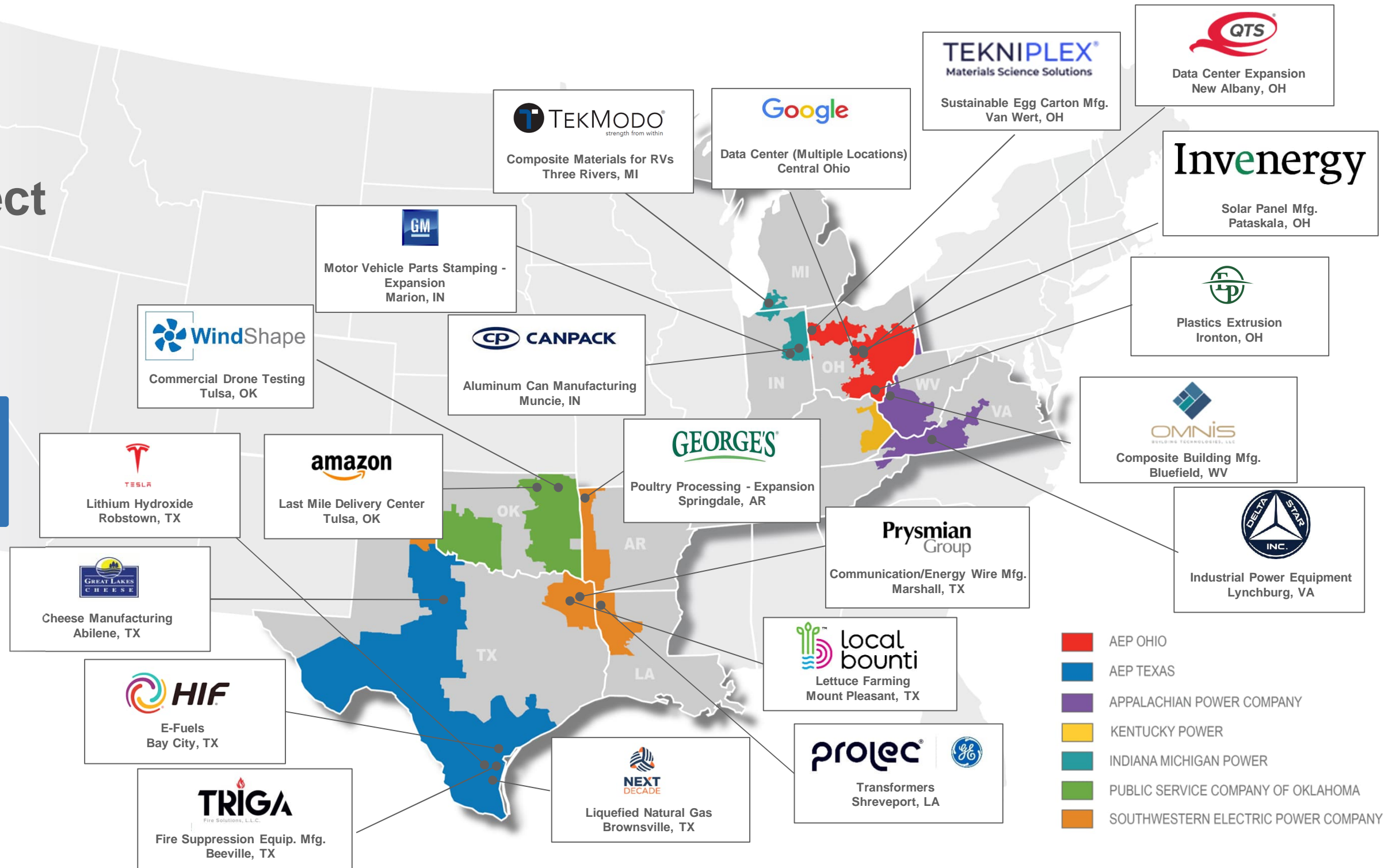


Economic Development Project Announcements: 2021 to Q4-23¹

AEP has an attractive and diverse service territory for economic development

Summary of Future Impacts²

- 35K Direct Jobs
-
- 51K Indirect/Induced Jobs
-
- 8.2 GW from 2021 to Q4-23 Announced Projects
-



¹ Companies in the graphic represent recently added economic development projects and do not reflect all announced projects.

² Represents the impact of all economic development projects announced during the 2021 to Q4-23 period, including all companies listed on slides 35 and 36.

Other Large Economic Development Successes

Targeting industries in advanced technologies with high growth trajectories; supports load and job growth in the communities we serve.

Intel (AEP Ohio)

- \$20B investment at the first Midwest chip production plant.
- Property was annexed into AEP Ohio service territory.
- The site was selected because of AEP's competence in serving large loads, team strength and depth and demonstrated ability to meet Intel's unique needs.

Nucor (APCo)

- The largest single investment in West Virginia history.
- Site chosen because of high voltage infrastructure, AEP's proven ability to serve large loads and AEP's excellent customer service.

GM + Samsung SDI (I&M)

- The largest EV battery investment in US.
- Site chosen because of high voltage infrastructure, proximity to automotive assembly facilities and Indiana's pro-business environment.

Enel (PSO)

- The largest single investment in Oklahoma history.
- Site chosen because of high voltage infrastructure, shovel readiness, and PSO's ability to achieve company's 100% renewable energy goals.

