This presentation contains forward-looking statements within the meaning of Section 21E of the Securities Exchange Act of 1934. Although AEP and each of its Registrant Subsidiaries believe that their expectations are based on reasonable assumptions, any such statements may be influenced by factors that could cause actual outcomes and results to be materially different from those projected. Among the factors that could cause actual results to differ materially from those in the forward-looking statements are: changes in economic conditions, electric market demand and demographic patterns in AEP service territories, inflationary or deflationary interest rate trends, volatility in the financial markets, particularly developments affecting the availability or cost of capital to finance new capital projects and refinance existing debt, the availability and cost of funds to finance working capital and capital needs, particularly 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, 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 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 and to recover those costs, new legislation, litigation and government regulation, including 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, evolving public perception of the risks associated with fuels used before, during and after the generation of electricity, including coal ash and 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, the ability to constrain 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, 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, the effects of terrorism (including increased security costs), embargoes, naturally occurring and human-caused fires, cyber security threats and other catastrophic events, the ability to attract and retain requisite work force and key personnel.
The Premier Regulated Energy Company

40,000
Miles of Transmission

5.4M
Customers in 11 States

26GW
Owned Generation

18,000
Employees

114 Years
Leading the Way Forward

$42B
Rate Base

$46B
Current Market Capitalization

$74B
Total Assets

Statistics as of September 30, 2019 except for market capitalization as of November 4, 2019 and rate base as of December 31, 2018
AEP Leading the Way Forward

Confidence in Steady and Predictable Earnings Growth Rate of 5%-7%

Commitment to Growing Dividend Consistent with Earnings

Well Positioned as a Sustainable Regulated Business

Compelling Portfolio of Premium Investment Opportunities
We are focused on executing our strategy while concurrently improving our operations and keeping rates affordable.
Strong Profile for Investors

**Incentive Comp Tied to High End of EPS**

- **Investment Pipeline**
- **Steady Growth**

**TOTAL SHAREHOLDER RETURN**

- **~3%**
  - **DIVIDEND YIELD**
  - 5%-7% CAGR

- **5%-7%**
  - **EPS GROWTH**
  - 2020 Operating Earnings Guidance
  - $4.25-$4.45 per share

**Consistent Dividends**

**Low Risk, Regulated Assets**

**Strong Balance Sheet**

- Low Risk, Regulated Assets
Proven Track Record of Performance

Favorable Total Shareholder Return\(^1\)

- AEP
- S&P 500 Electric Utilities Index
- S&P 500

Decade of Meeting or Exceeding Original Guidance

- 2010
- 2011
- 2012
- 2013
- 2014
- 2015
- 2016
- 2017
- 2018
- 2019\(^2\)

Data as of September 30, 2019

\(^1\) Expected Operating EPS

Key

- Actual Result
  - Low-End
  - Midpoint
  - High-End
Strong Dividend Growth

Targeted payout ratio 60-70% of operating earnings

Over 109 years of consecutive quarterly dividends

Targeted dividend growth in line with earnings

EPS Growth + Dividend Yield = 8% to 10% Annual Return Opportunity

* Subject to Board approval
2020 - 2024 Capital Forecast of $33B and Net Plant

2020-2024 Capital Forecast¹

- **AEP Transmission Holdco**: $7.8B | 24%
- **Transmission**: $7.6B | 23%
- **Distribution**: $10.3B | 31%
- **Regulated Fossil/Hydro Generation**: $0.8B | 3%
- **Regulated Environmental Generation**: $0.9B | 3%
- **Regulated New Generation**: $0.3B | 1%
- **Regulated Renewables**: $0.2B | 0%
- **Contracted Renewables**: $2.1B | 6%
- **IT/Workplace Services**: $2.5B | 8%
- **Nuclear Generation**: $0.4B | 1%

**Focus on wires and renewables**

100% of capital allocated to regulated businesses and contracted renewables

78% allocated to wires

Historical Net Plant Profiles

- **2009**
  - **Distribution**: $10B | 32%
  - **Generation**: $15.4B | 50%
  - **Transmission**: $5.7B | 18%
  - **Total**: $31.1B

- **2019**
  - **Distribution**: $17.8B | 33%
  - **Generation**: $13.6B | 25%
  - **Transmission**: $22.6B | 42%
  - **Total**: $54B

¹ Does not include North Central Wind Transmission Holdco
Achieving Excellence: A new disciplined O&M optimization process to improve our business

**KEY FEATURES**

- Program will be an ongoing part of our enhanced target setting process
- Catalyst team includes employees with strong analytic, teamwork and project management skills
- Group leaders include heads of business units who will partner with and evaluate ideas from catalyst team
- Steering Committee reviews recommendations and makes implementation decisions

**PROCESS OVERVIEW**

- **ALL EMPLOYEES PROVIDE AND IMPLEMENT IDEAS**
- **BUSINESS GROUP LEADERS CHALLENGE PARTNER ANALYSIS**
- **CATALYST TEAM FROM DIFFERENT GROUP IMPLEMENTATION**
- **RECOMMENDATIONS STEERING COMMITTEE MAKE DECISIONS**
Transforming Our Generation Fleet

As of 09/30/2019. Future includes IRP forecasted additions and retirements through 2030. Energy Efficiency / Demand Response represents avoided capacity rather than physical assets.
Retirement Progress and Plans

2010 – 2019 Retirements/Sales

<table>
<thead>
<tr>
<th>Year</th>
<th>Plant</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>Sporn 5</td>
<td>450 MW</td>
</tr>
<tr>
<td>2012</td>
<td>Conesville 3</td>
<td>165 MW</td>
</tr>
<tr>
<td>2014</td>
<td>Beckjord</td>
<td>58 MW</td>
</tr>
<tr>
<td>2015</td>
<td>Big Sandy 2</td>
<td>800 MW</td>
</tr>
<tr>
<td>2015</td>
<td>Clinch River 3</td>
<td>285 MW</td>
</tr>
<tr>
<td>2015</td>
<td>Glen Lyn 5 &amp; 6</td>
<td>355 MW</td>
</tr>
<tr>
<td>2015</td>
<td>Kammer 1-8</td>
<td>630 MW</td>
</tr>
<tr>
<td>2015</td>
<td>Kanawha River 1 &amp; 2</td>
<td>400 MW</td>
</tr>
<tr>
<td>2015</td>
<td>Muskingum River 1-5</td>
<td>1,440 MW</td>
</tr>
<tr>
<td>2015</td>
<td>Pickway 5</td>
<td>100 MW</td>
</tr>
<tr>
<td>2016</td>
<td>Tanners Creek 1-4</td>
<td>995 MW</td>
</tr>
<tr>
<td>2016</td>
<td>Big Sandy 1</td>
<td>278 MW</td>
</tr>
<tr>
<td>2016</td>
<td>Clinch River 1 &amp; 2</td>
<td>470 MW</td>
</tr>
<tr>
<td>2016</td>
<td>Northeastern 4</td>
<td>470 MW</td>
</tr>
<tr>
<td>2016</td>
<td>Welsh 2</td>
<td>528 MW</td>
</tr>
<tr>
<td>2017</td>
<td>Gavin 1 &amp; 2</td>
<td>2,640 MW</td>
</tr>
<tr>
<td>2017</td>
<td>Zimmer</td>
<td>330 MW</td>
</tr>
<tr>
<td>2018</td>
<td>Stuart 1-4</td>
<td>600 MW</td>
</tr>
<tr>
<td>2019</td>
<td>Conesville 5 &amp; 6</td>
<td>820 MW</td>
</tr>
</tbody>
</table>

2020 Planned Retirements

<table>
<thead>
<tr>
<th>Year</th>
<th>Plant</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Conesville 4</td>
<td>851 MW</td>
</tr>
<tr>
<td>2020</td>
<td>Oklaunion</td>
<td>460 MW</td>
</tr>
</tbody>
</table>

2021 – 2030 Planned Retirements

<table>
<thead>
<tr>
<th>Year</th>
<th>Plant</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2025</td>
<td>Northeastern 8</td>
<td>469 MW</td>
</tr>
<tr>
<td>2028</td>
<td>Rockport 1</td>
<td>1,510 MW</td>
</tr>
<tr>
<td>2030</td>
<td>Cardinal</td>
<td>595 MW</td>
</tr>
</tbody>
</table>

1 Includes 2012 Turk Plant addition and 40% of Conesville 4 that was acquired in conjunction with the sale of Zimmer Plant
2 MW Capacity as of 9/30/2019
## Projected Resource Additions

### Solar Additions (MW)

<table>
<thead>
<tr>
<th>Operating Co:</th>
<th>2020-2022</th>
<th>2023-2027</th>
<th>2028-2030</th>
</tr>
</thead>
<tbody>
<tr>
<td>AEP Ohio</td>
<td>400 (^1)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>APCo</td>
<td>15</td>
<td>300</td>
<td>750</td>
</tr>
<tr>
<td>I&amp;M</td>
<td>150</td>
<td>600</td>
<td>550</td>
</tr>
<tr>
<td>KPCo</td>
<td>20 (^1)</td>
<td>30</td>
<td>40</td>
</tr>
<tr>
<td>PSO</td>
<td>11</td>
<td>600</td>
<td>600</td>
</tr>
<tr>
<td>SWEPCO</td>
<td>-</td>
<td>-</td>
<td>300</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>596</strong></td>
<td><strong>1,530</strong></td>
<td><strong>2,240</strong></td>
</tr>
</tbody>
</table>

\(^1\) Subject to regulatory filings currently underway

### Wind Additions (MW)

<table>
<thead>
<tr>
<th>Operating Co:</th>
<th>2020-2022</th>
<th>2023-2027</th>
<th>2028-2030</th>
</tr>
</thead>
<tbody>
<tr>
<td>AEP Ohio</td>
<td>500 (^1)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>APCo</td>
<td>-</td>
<td>300</td>
<td>-</td>
</tr>
<tr>
<td>I&amp;M</td>
<td>300</td>
<td>150</td>
<td>300</td>
</tr>
<tr>
<td>KPCo</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PSO</td>
<td>675 (^1)</td>
<td>400</td>
<td>200</td>
</tr>
<tr>
<td>SWEPCO</td>
<td>810 (^1)</td>
<td>600</td>
<td>-</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>2,285</strong></td>
<td><strong>1,450</strong></td>
<td><strong>500</strong></td>
</tr>
</tbody>
</table>

### Natural Gas Additions (MW)

<table>
<thead>
<tr>
<th>Operating Co:</th>
<th>2020-2022</th>
<th>2023-2027</th>
<th>2028-2030</th>
</tr>
</thead>
<tbody>
<tr>
<td>I&amp;M</td>
<td>18</td>
<td>18</td>
<td>788</td>
</tr>
<tr>
<td>PSO</td>
<td>373 (^2)</td>
<td>410 (^2)</td>
<td>-</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>391</strong></td>
<td><strong>428</strong></td>
<td><strong>788</strong></td>
</tr>
</tbody>
</table>

\(^2\) To replace expiring PPA

### Total Projected Resource Additions (MW)

<table>
<thead>
<tr>
<th>Resource</th>
<th>2020-2030</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solar</td>
<td>4,366</td>
</tr>
<tr>
<td>Wind</td>
<td>4,235</td>
</tr>
<tr>
<td>Natural Gas</td>
<td>1,607</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>10,208</strong></td>
</tr>
</tbody>
</table>

Updated 09/30/2019
North Central Wind Overview

SWEPCO and PSO Regulated Wind Investment Opportunity

<table>
<thead>
<tr>
<th>Total Rate Base Investment</th>
<th>~$2 billion (1,485 MW)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Name</strong></td>
<td><strong>MW</strong></td>
</tr>
<tr>
<td>Sundance</td>
<td>199</td>
</tr>
<tr>
<td>Traverse</td>
<td>999</td>
</tr>
<tr>
<td>Maverick</td>
<td>287</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Jurisdiction (Docket #)</th>
<th>MW</th>
<th>% of Project</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSO (PUD 2019-00048)</td>
<td>675</td>
<td>45.5%</td>
</tr>
<tr>
<td>SWEPCO – AR (19-035-U)</td>
<td>155</td>
<td>10.4%</td>
</tr>
<tr>
<td>SWEPCO – LA (U-35324)</td>
<td>268</td>
<td>18.1%</td>
</tr>
<tr>
<td>SWEPCO – TX (49737)</td>
<td>309</td>
<td>20.8%</td>
</tr>
<tr>
<td>SWEPCO - FERC</td>
<td>78</td>
<td>5.2%</td>
</tr>
<tr>
<td><strong>Total:</strong></td>
<td>1,485</td>
<td>100%</td>
</tr>
</tbody>
</table>

Customer Savings ~$3 billion (30-year nominal $)

Developer Invenergy

Turbine Supplier GE

- Regulated rate base wind investment opportunity with ability to meaningfully reduce customer rates
  - Acquiring facilities on a fixed cost, turn-key basis at completion
  - Contingent upon satisfactory regulatory approvals
- Investment not included in the Company’s current capital expenditure plan
- Acquisition can be scaled, subject to commercial limitations, to align with individual state resource needs and approvals
Emission Reduction Goals

AEP’s Carbon Emission Reduction Goals

70% by 2030
80% by 2050
(both from a 2000 baseline)

Strategy to Achieve
- Investments in renewable energy within and outside of our traditional service territory
- Technology deployment (e.g., energy storage)
- Modernization of the grid with significant investments in transmission and distribution
- Increased use of natural gas
- Optimization of our existing generating fleet

Environmental, Social and Governance (ESG) Reporting:
- AEP’s Corporate Accountability Report
- EEI ESG Sustainability Reporting: AEP’s 2019 EEI ESG Report
- AEP’s CDP Survey Responses
- AEP’s GRI Report
- AEP also responds to investor-related surveys, including MSCI and Sustainalytics

1 Aspiration is zero emissions
Investing in Our Employees and Communities

**Our Employees**

- Forbes – America’s Best Employers for Diversity in 2019
- Forbes – Inaugural Best Employers for Women in 2018
- Disability Equality Index – Best Places to Work for Disability Inclusion in 2019
- Human Rights Campaign – Best Places to Work for LGBT Equality in 2018
- VIQTORY Media – Top 100 Military-Friendly Employers in 2019

**Our Communities (2018 Stats)**

- Energy assistance provided to customers ~ $66 million
- New jobs provided through economic development ~ 15,000
- Philanthropic giving to more than 1,800 community organizations ~ $26 million
- Corporate spend to locally-based suppliers ~ 49%
EEI KEY THEMES

- 5%-7% Earnings Growth Rate and 2020 Range
- Proven Track Record of TSR and EPS Performance
- Strong Dividend Growth
- O&M Optimization
- Transforming Our Generation Fleet