

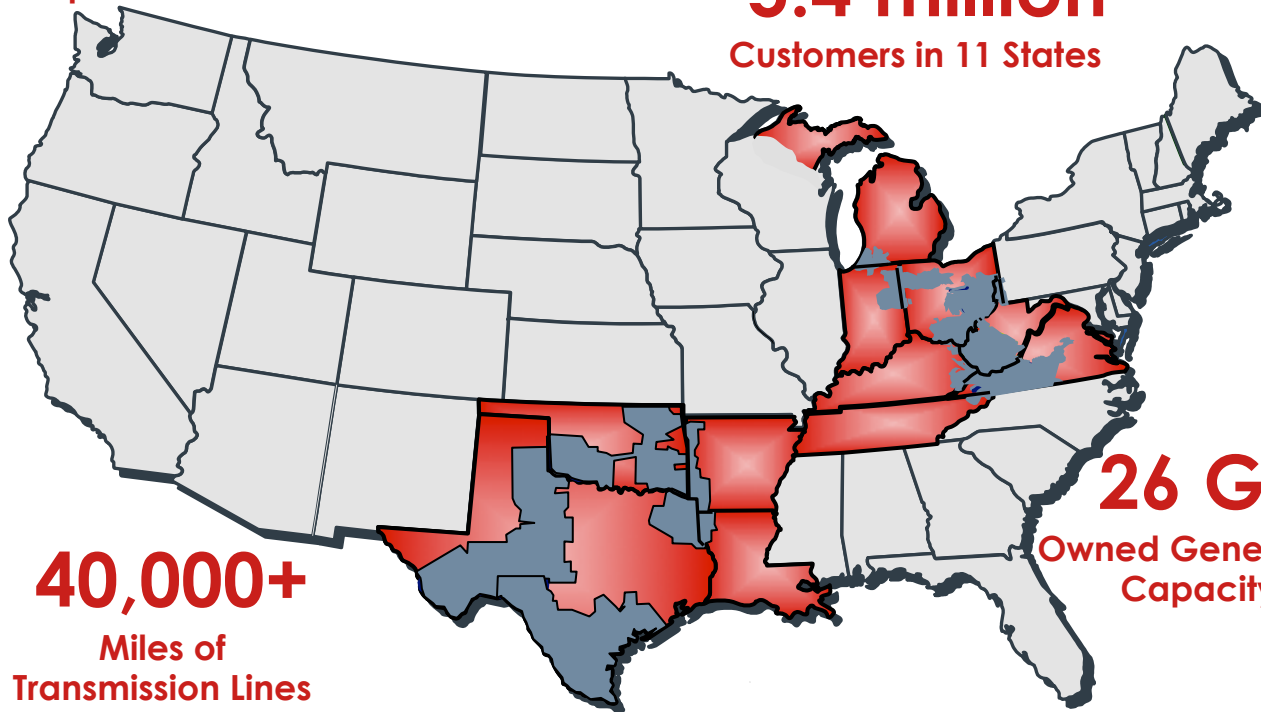
AMERICAN ELECTRIC POWER COMPANY OVERVIEW

\$35B

Current Market
Capitalization

5.4 million

Customers in 11 States



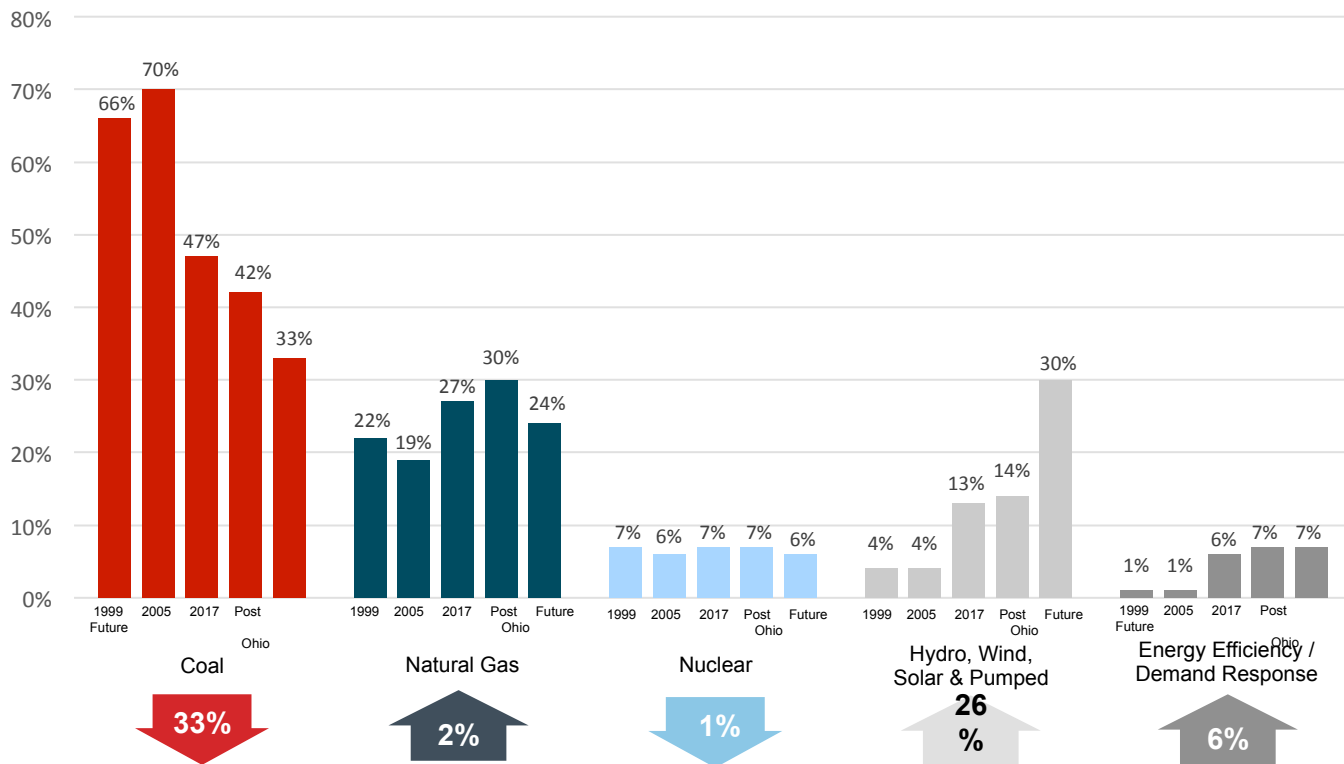
40,000+

Miles of
Transmission Lines

26 GW

Owned Generating
Capacity

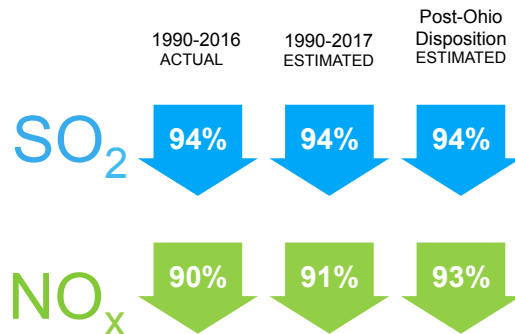
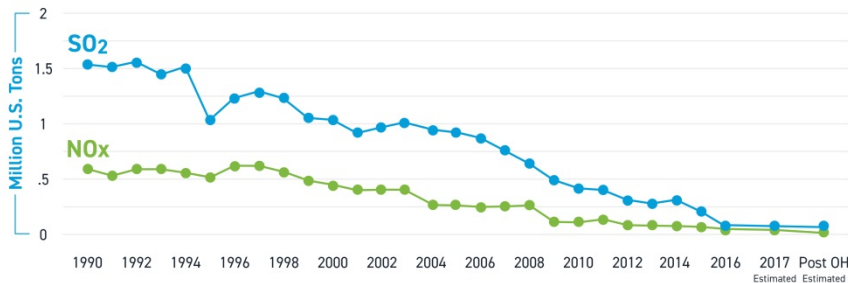
AEP'S GENERATING CAPACITY PORTFOLIO PAST AND FUTURE



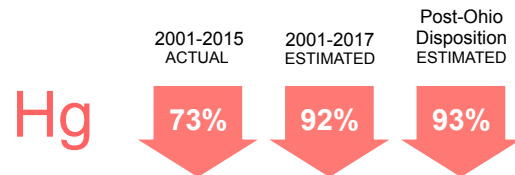
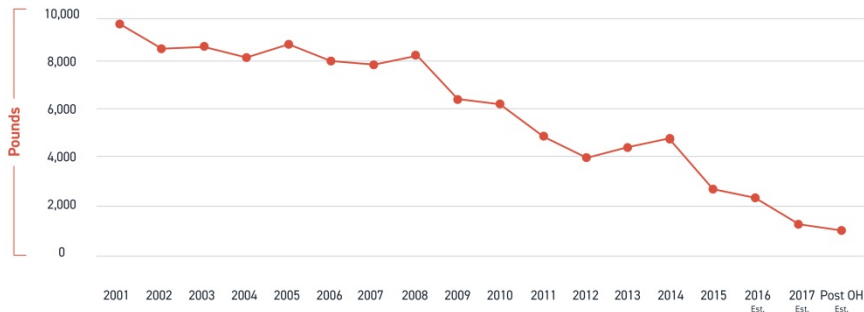
.Future includes IRP forecasted additions and retirements through 2030. Energy Efficiency / Demand Response represents avoided capacity rather than physical assets.

DRAMATIC REDUCTIONS IN EMISSIONS

Total AEP System NO_x & SO₂ Emissions



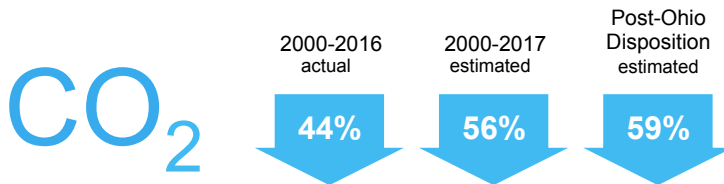
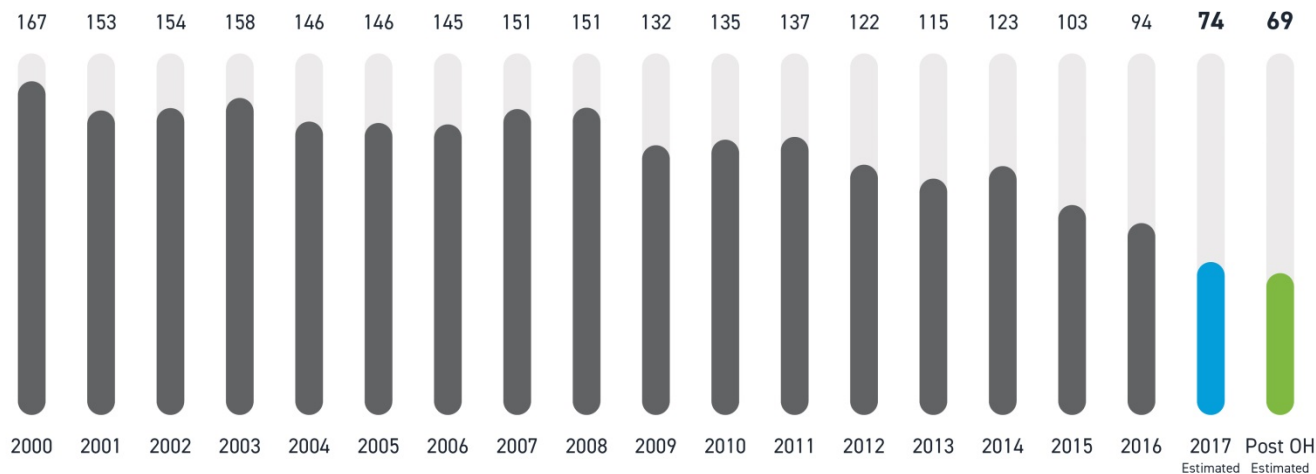
Total AEP System Mercury Emissions



DRAMATIC REDUCTIONS IN EMISSIONS

Total AEP System – Annual CO₂ Emissions

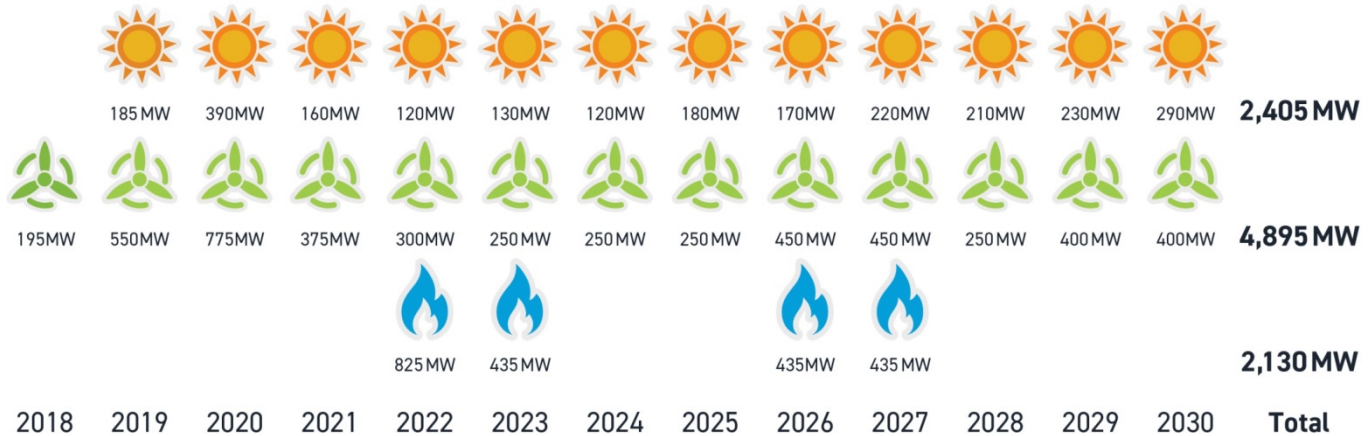
in million metric tons



INVESTING IN A GREENER FUTURE

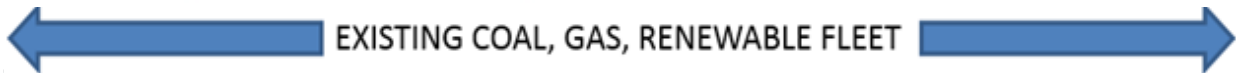
AEP System Planned Generation Resource Additions

Regulated and AEP Ohio Purchase Power Agreement



Source: Current Internal Integrated Resource Plans.

Wind and solar represents nameplate MW capacity.




Note: Actual additions dependent on market conditions, regulatory approval, customer demand and other external factors.

KEY TAKEAWAYS


- The importance of diversity
- The value of capacity
- The benefits of careful planning

APPENDIX

POSITIONING FOR A SUSTAINABLE FUTURE




Transforming our generation fleet



Dramatically reducing emissions



Adding more renewable sources

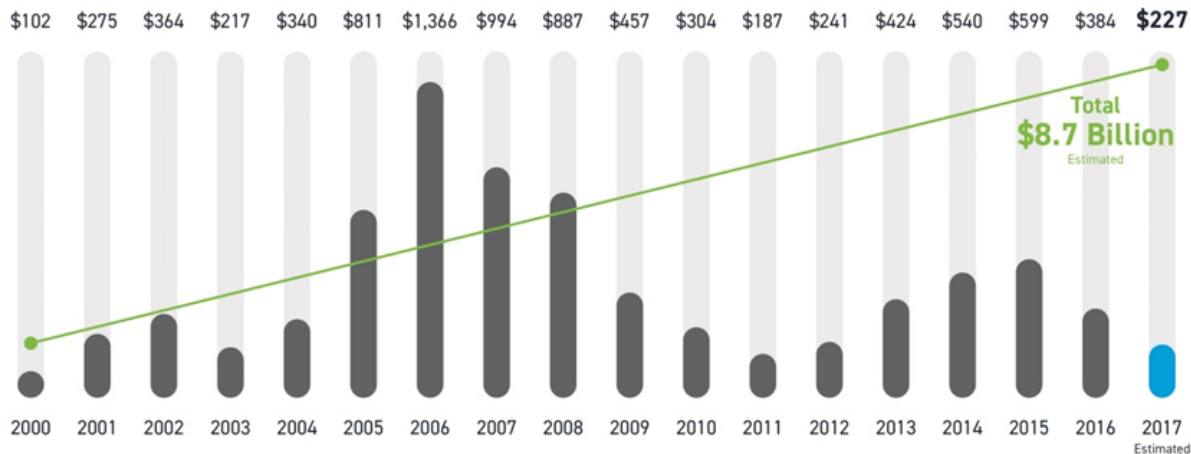


Integrating renewables through the nation's largest transmission network

INVESTING BILLIONS TO REDUCE EMISSIONS

Investing Billions to Reduce Emissions

\$ in millions



DELIVERING CLEAN ENERGY RESOURCES

AEP's 2017 Renewable Portfolio, in MW

<u>Hydro, Wind, Solar & Pumped Storage</u>	<u>Owned MW</u>	<u>PPA MW</u>	<u>Total MW</u>
AEP Ohio		209	209
Appalachian Power Company	788	455	1,243
Indiana Michigan Power Company	38	450	488
Public Service of Oklahoma		1,137	1,137
Southwestern Electric Power Company		469	469
Competitive Wind, Solar & Hydro	443	177	620
Total	1,269	2,897	4,166

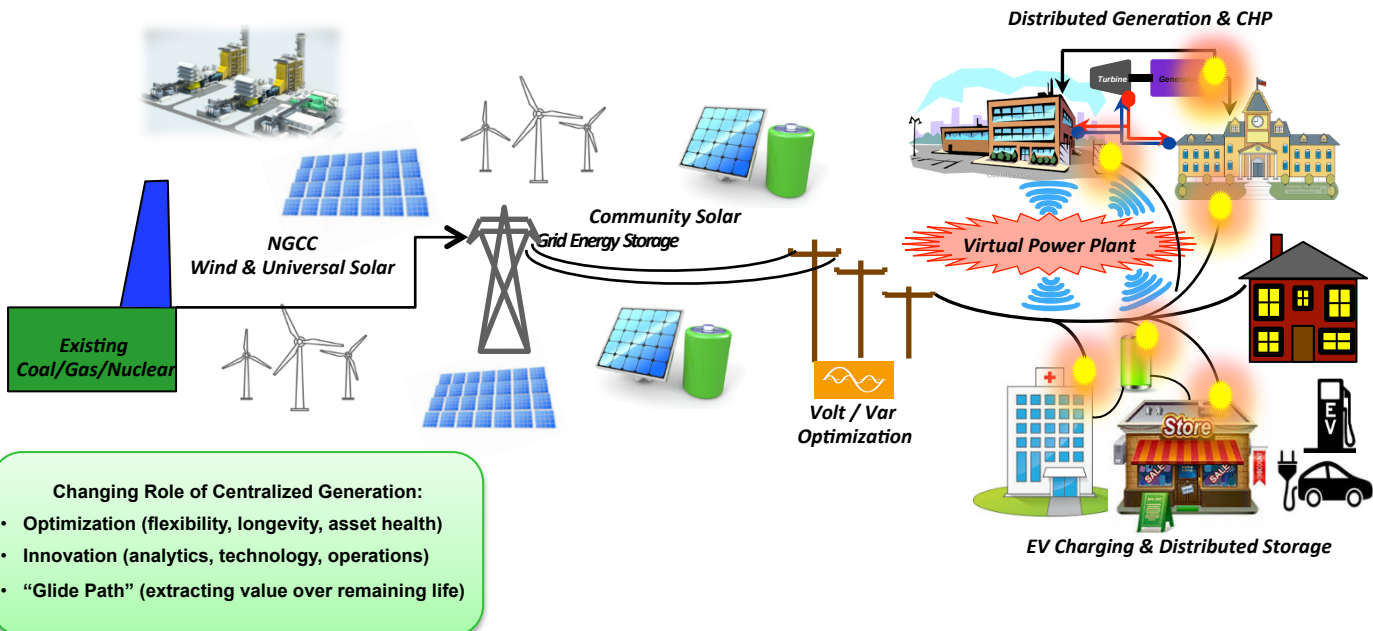


Approximately
10,000 MW

of renewable
generation
interconnected across
the U.S. via AEP's
transmission system
today



THE UTILITY VALUE STREAM OF THE FUTURE



Clean, Efficient, Sustainable & Flexible Energy