



TVA: Leading a Powerful Future

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Providing Reliable Power

The region's population is growing, which is increasing demand for electricity. TVA is growing with it and building new generation to add to our 99.999% reliable power system to benefit families and grow economic prosperity.

Today's power system



OWNED & CONTRACTED: 32,000 MW from diverse, TVA-owned and 5,000+ long-term contracted assets in operation



PARTNER: Nearly 1,700 MW from programs for energy efficiency savings and temporary load reduction during peak demand



AUGMENT: Purchase energy and capacity from the market as needed to fill short-term and mid-term gaps and maintain grid stability

Building America's energy future



BUILD & CONTRACT: 6,200 MW of new generating capacity and 3,000+ MW of contracted assets by mid-2030s



PARTNER: More than 2,800 MW through 2030 from programs for energy efficiency savings and temporary load reduction during peak demand



INVEST & INNOVATE: \$4 billion in transmission system upgrades through 2030 and 440 MW of efficiencies from major upgrades in the hydro and nuclear fleets by 2035

National Energy Leadership

- Region experiencing healthy demand growth
- TVA may need more capacity by 2035
- TVA needs to keep pace with region's economic development



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VALLEY
AUTHORITY

America's Largest Public Power Company

90+

Years in operation

16,000+

Miles of transmission system

3rd

Largest nuclear owner in the U.S.

40,494

MW diverse power system capacity*

80,000

Square miles service area

\$12.3 Billion

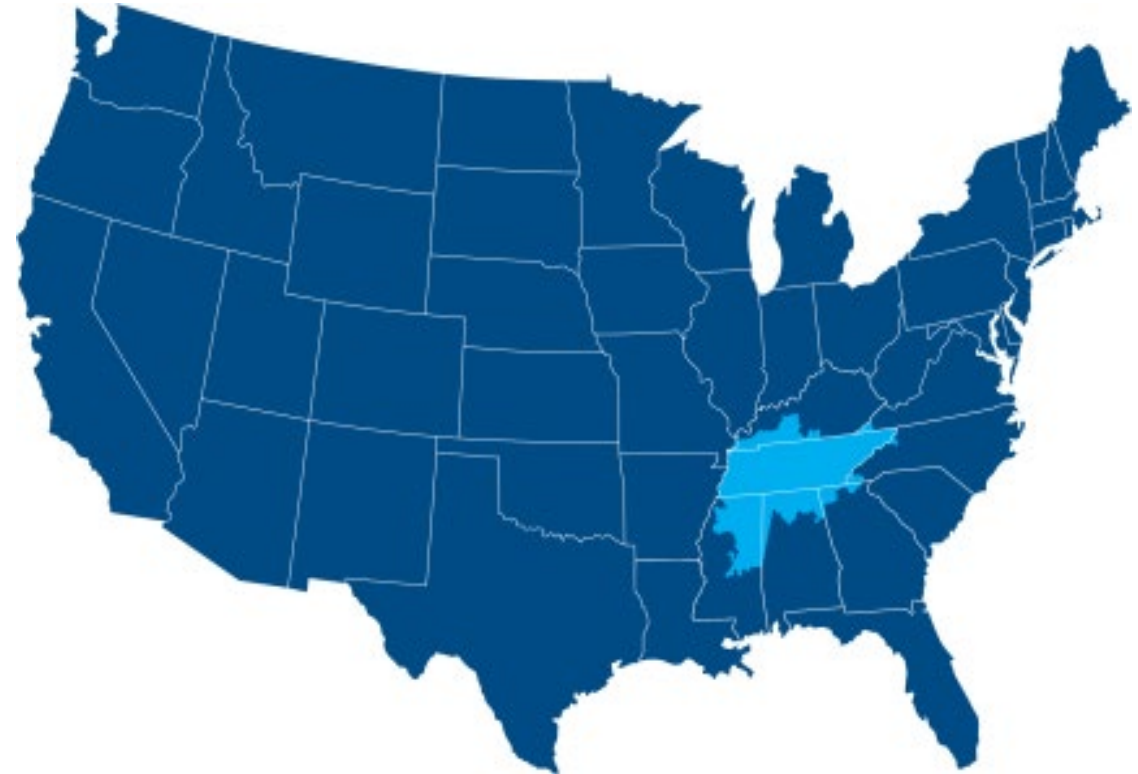
Revenues

10 Million

Service area population

\$57.7 Billion

Total assets



*Includes 8,304 megawatts of operating capacity under power purchase agreements. Information based on FY2024 data.

Our Mission

To serve the people of the
Tennessee Valley to make life better.

TVA Mission

BUILT FOR THE PEOPLE OF THE UNITED STATES OF AMERICA

ENERGY

Electricity at the lowest feasible rate and highest feasible reliability

ENVIRONMENT

Stewardship of the natural resources for best use by the public

ECONOMIC DEVELOPMENT

To attract and retain good jobs and capital investment in the Valley



1933

TVA ACT
SIGNED



1940s

HYDRO



1950s

FOSSIL



1960s

NUCLEAR



1970s

PUMPED
STORAGE
& GAS



2020+

TVA'S ENERGY SYSTEM OF THE FUTURE

Since its inception, TVA has innovated to meet the needs of the Valley.

Today and in the future, the Valley needs **affordable, reliable, resilient, and cleaner energy** to lead the nation in energy innovation.



INNOVATING FOR THE PEOPLE OF THE VALLEY

Delivering on Our Mission

Energy | Environment | Economic Development



**Provide affordable,
reliable power.**



**Steward the Valley's
natural resources.**



**Partner for
economic growth.**

Energy Impact, Economic Growth to the TVA Region

- Positive relationship between energy and economic growth is clear.
- Mounting evidence suggests energy consumption is a necessary enabler and driver of economic growth.
- The retail price of electricity across much of the TVA region is approximately 19% cheaper than the national average on a per unit basis, at least for residential and industrial rates.
- Commercial prices are very similar to U.S. levels overall.
- The lower the inflation-adjusted or “real” price of electricity, the faster productivity growth expands.

TVA's efforts to produce electricity at the lowest feasible cost, while sponsoring environmental improvement, in turn promotes economic development within the region.

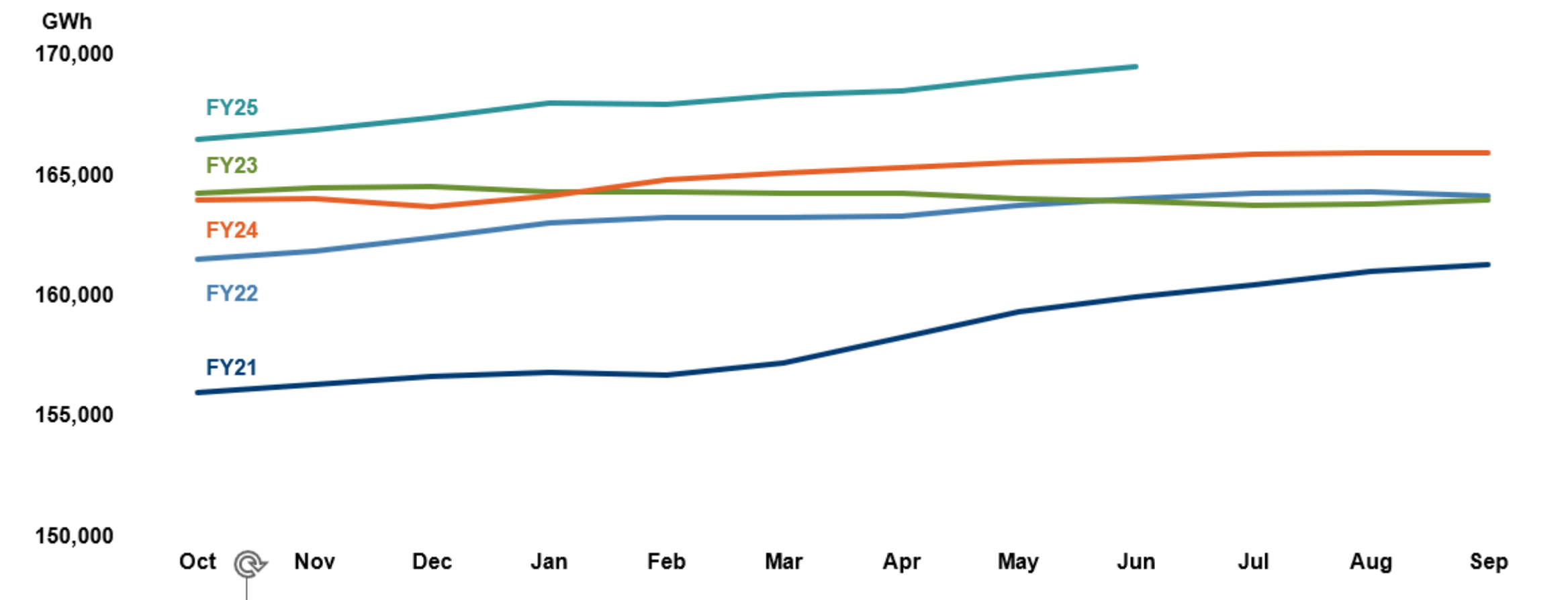
Managing Load Growth



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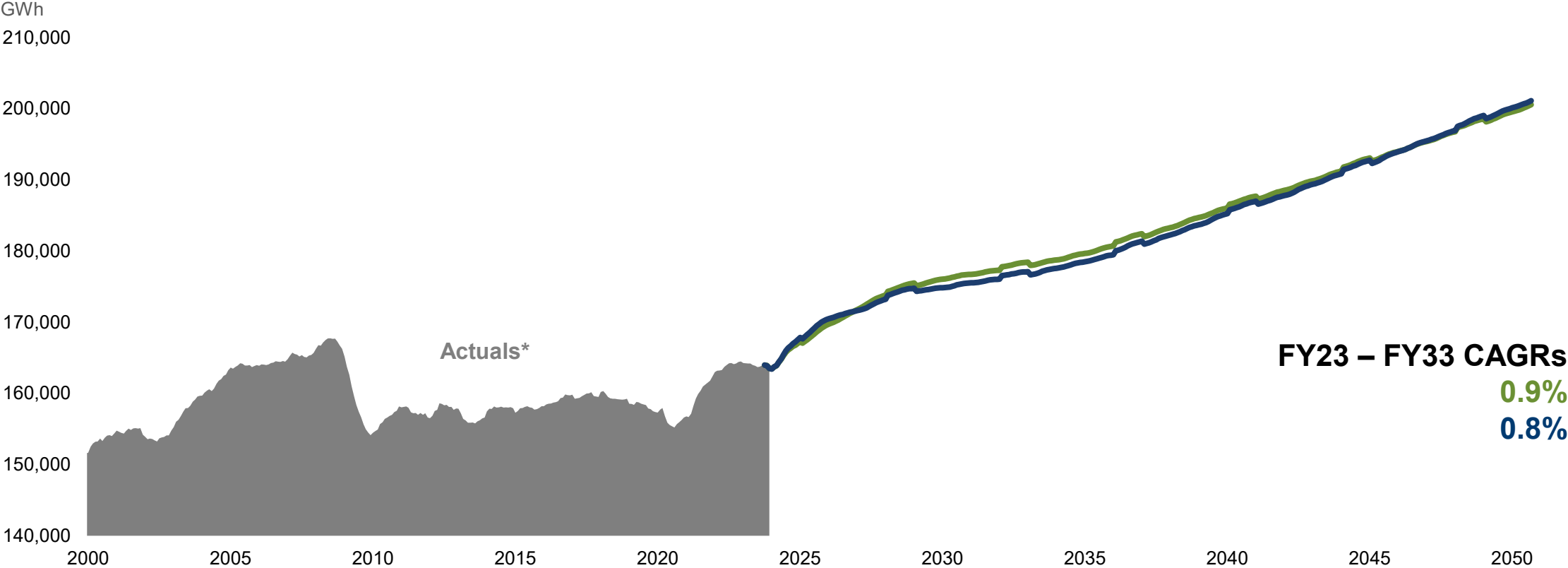
FY25 Load* Reflects Growth Above FY24 Growth Levels

Rolling 12-month System Energy



*Adjusted for weather

Net System Energy Forecast

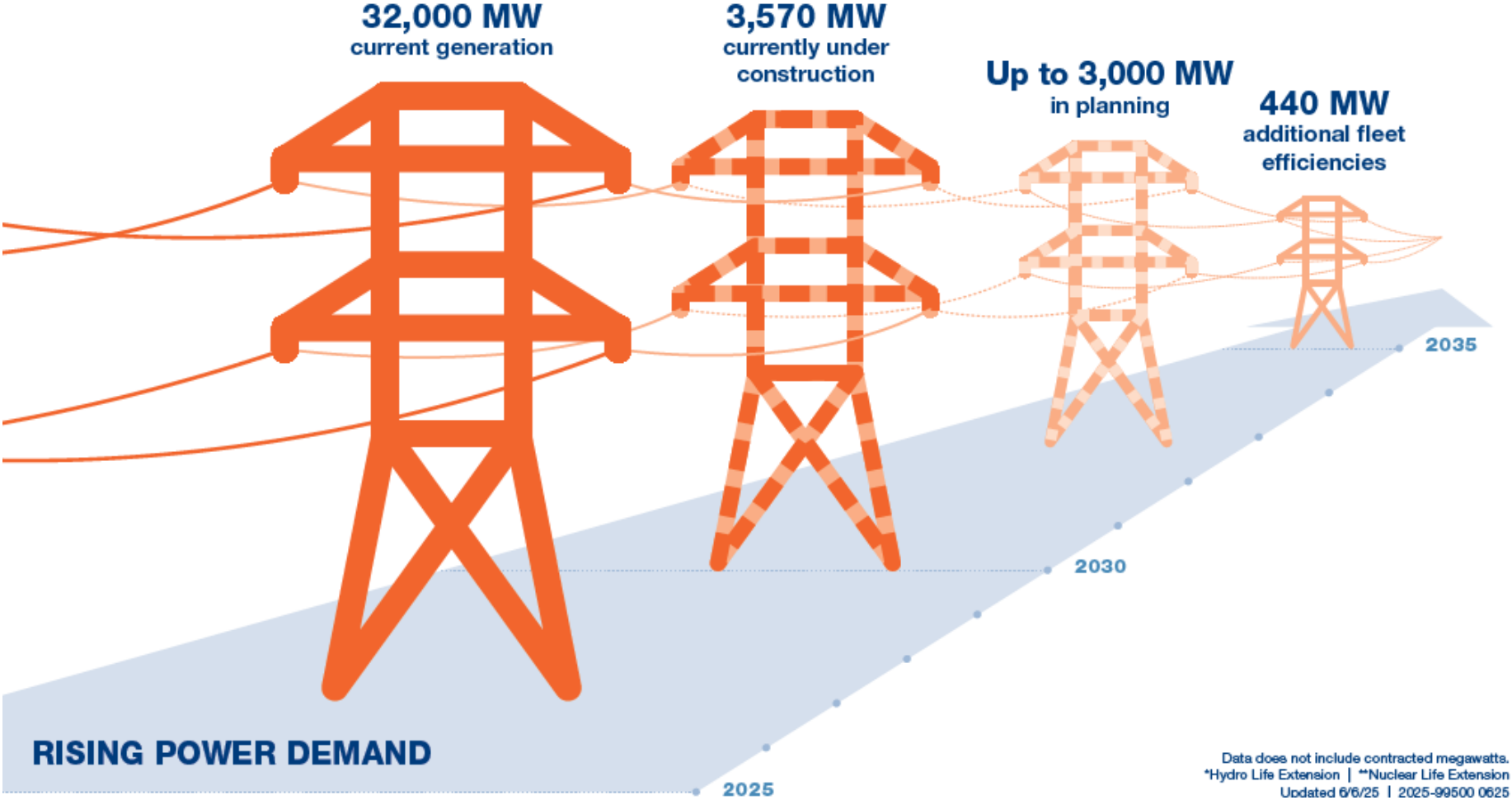


*Adjusted for weather and USEC



Building Tomorrow Together

Building for the Future

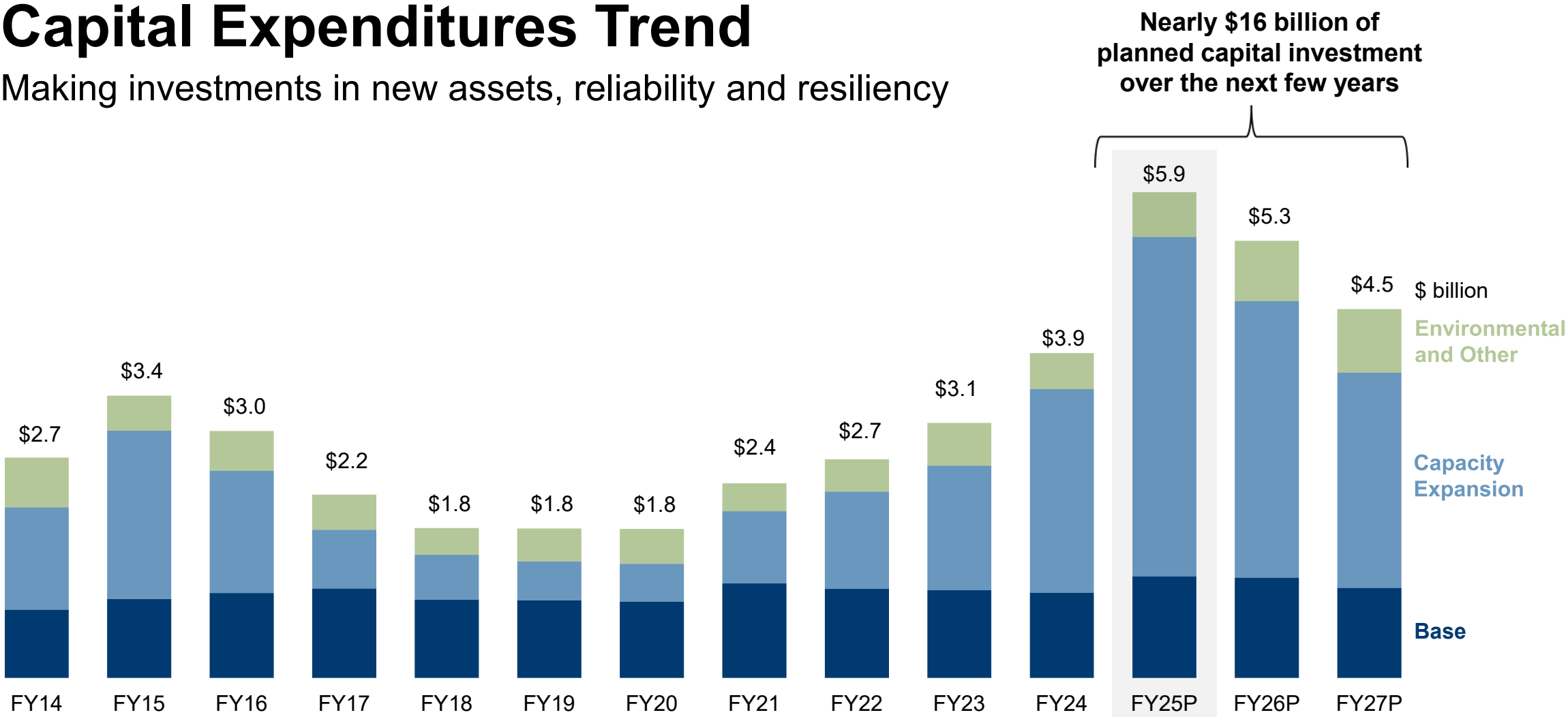


Serving a Growing Region



Capital Expenditures Trend

Making investments in new assets, reliability and resiliency



Coal Portfolio Optimization

Coal Assets 2025



Cumberland

Planned Consumption:
~4.5M tons

2 Units

2,410 MW Total
Capacity



Kingston

Planned Consumption:
~2M tons

9 Units

1,147 MW Total
Capacity

Gallatin

Planned Consumption:
~3.2M tons

4 Units

970 MW Total Capacity



Shawnee

Planned Consumption:
~5M tons

9 Units

1,071 MW Total
Capacity





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