

Integrated Resource Planning Helps Ensure a Bright Future

TVA provides power that keeps the lights on in homes and businesses across the region.

Having the right resources at the right times to meet customer demand requires continual planning.

With input from stakeholders and the general public, TVA is developing its 2024 Integrated Resource Plan (IRP).

The IRP will evaluate potential scenarios for future electricity demand over the next few decades and what strategies TVA can use to provide affordable, reliable, resilient and clean energy in any future scenario.

What does the detailed strategic planning process entail?

TVA begins by considering a lot of questions:
How much energy will our customers use in the future?
What alternatives do we have to meet our resource needs?
How do we properly evaluate resource options? How do we find the best solution?

To answer these questions, TVA:

- Identifies key scenarios and strategies for modeling
- Incorporates options for meeting power demand as well as associated planning guidelines or constraints
- Models the strategies in specific scenarios to generate numerous portfolios or resource mixes
- Analyzes the portfolios
- Evaluates “what if” sensitivities to fine tune its portfolio analysis
- Selects a strategic portfolio direction that will serve as a compass for TVA in the years to come.

When completed, the 2024 IRP will lay the foundation for TVA’s asset strategy and the next long-range financial plan.

TVA will present the IRP and an accompanying Environmental Impact Statement (EIS) to TVA’s Board of Directors for approval in summer 2024. For more information, visit the IRP website at www.tva.com/irp.

