

## **TVA Reviews Modeling Information with Working Group During February Virtual Meeting**

**Editor's Note:** *TVA and stakeholders are working on TVA's next Integrated Resource Plan (IRP) to determine how TVA could meet customer demand for electricity between now and 2050 across a variety of possible futures that TVA could find itself operating in. A programmatic Environmental Impact Statement (EIS) will accompany the IRP to address its environmental effects.*

TVA held a virtual meeting with the Integrated Resource Plan (IRP) Working Group on February 15, 2024, to review information covered at the January in-person meeting, including background information related to Draft IRP scenarios, strategies and portfolios as well as details on draft portfolio results.

As background, the IRP process to date has included:

- Conducting a public scoping period, during which TVA gathered public input on important considerations for the IRP and EIS processes
- Identifying key scenarios, which are possible futures TVA could find itself operating in, and business strategies TVA could employ in each scenario
- Modeling the strategies in specific scenarios to generate 25 potential resource plans, or portfolios
- Analyzing the portfolios
- Beginning to brainstorm “what if” sensitivities that could be applied to finetune portfolio analysis.

### **Draft scenarios include:**

- Scenario 1 – Reference Case
- Scenario 2 – Higher Growth Economy
- Scenario 3 – Stagnant Economy
- Scenario 4 – Carbon Regulation
- Scenario 5 – Carbon Regulation Plus Growth

### **Draft strategies include:**

- Strategy A – Baseline Utility Planning
- Strategy B – Carbon-Free Innovation Focus
- Strategy C – Carbon-Free Commercial Ready Focus
- Strategy D – Distributed and Demand-Side Focus
- Strategy E – Resiliency Focus

TVA provided an overview of the draft results for the 25 portfolios (each portfolio is a combination of one scenario and one strategy) generated during modeling. It also discussed the metrics scorecard used to evaluate key tradeoffs and the initial list of sensitivities.

TVA said next steps include:

- Completing stochastic model runs to support metrics and scorecards
- Completing the draft IRP and EIS documents
- Beginning to model efforts for high-value sensitivities
- Publishing the draft IRP and EIS and receiving public comments.