

Integrated Resource Plan

TVA'S ENVIRONMENTAL AND ENERGY FUTURE



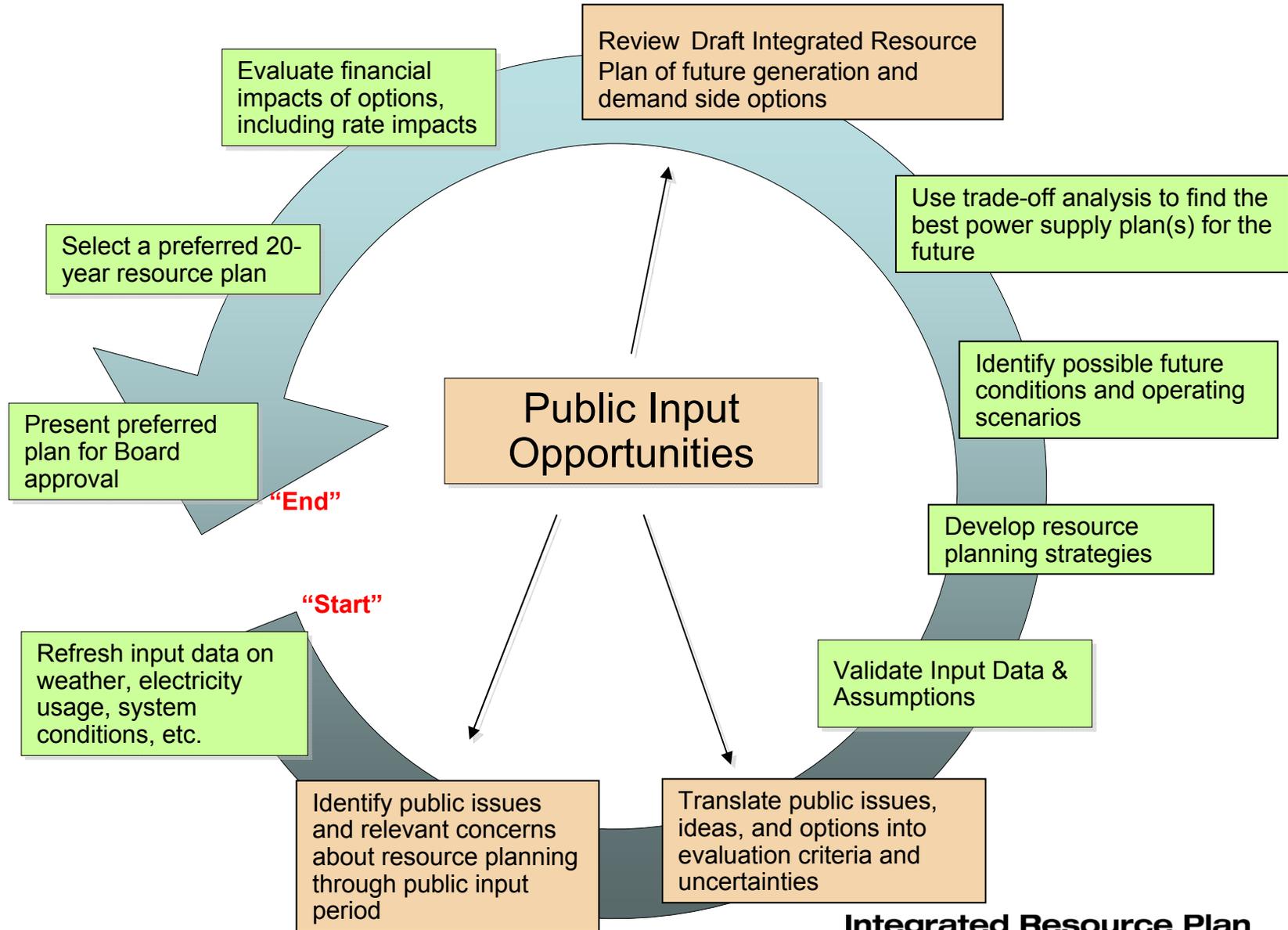


Project Scope

- TVA is conducting a study to determine how to meet the demand for electricity over the next 20 years in the Tennessee Valley region. The study is known as the *Integrated Resource Plan, TVA's Environmental and Energy Future (IRP)*.
- This evaluation will look at:
 - Availability of proposed new electricity generating technology,
 - Technologies that support efficiency and demand side reductions,
 - Costs associated with implementing those technologies,
 - Environmental effects of those technologies,
 - How reliable the power supply will be, and
 - If electricity rates would be substantially affected by these options.



TVA's Integrated Resource Plan Process





The Environmental Review

- As required by the Board when implemented, TVA will conduct an environmental review of the principles of TVA's new Environmental Policy.
- This study specifically will review power and resource demands, generation and resource management options, and assess the environmental, economic and operating effects of these options.
- This review includes consideration of principles from the Environmental Policy – Climate Change Mitigation, Air Quality Improvement, and Waste Minimization.
- The final report will be in the form of an Environmental Impact Statement (EIS)
- Extensive public involvement will be needed throughout the process.



Extensive Public Involvement

- TVA is conducting a 60-day comment period, including through the website www.tva.gov/irp
- A questionnaire has been developed to elicit public opinion on TVA's future generation and efficiency options.
- A series of public scoping meetings is being held in July and August across the Valley.
- An external stakeholder team has been developed as a balanced cross-section of power distribution, government, industry, and environment to provide input on issues, priorities, and objectives of the IRP.



Public Meeting Schedule

- July 20: Nashville, TN
- July 21: Chattanooga, TN
- July 23: Knoxville, TN
- July 28: Huntsville, AL
- July 30: Hopkinsville, KY
- August 4: Starkville, MS
- August 6: Memphis, TN



Project Schedule

- February 2010: Draft EIS completed
- Spring 2010: Public Comment period on the Draft EIS
- Late 2010: Finalize EIS and select preferred alternative(s)
- January 2011: Present preferred alternative to Board for approval



Deliverables

- A robust portfolio of resource options, both energy supply and demand-side options, that could be used depending on future events.
- A preferred portfolio which will include integration of:
 - A plan for generation capacity, power purchases, energy conservation, energy efficiency, and renewable energy resources