

Regional Resource Stewardship Council

Anda Ray, Senior Vice President
Environment & Technology

March 4, 2010



TVA Update

Environment & Technology

March 2010

- Organizational Effectiveness Initiative
- IRP

Natural Resource Plan





TVA Strategic Alignment

Environment & Technology

March 2010

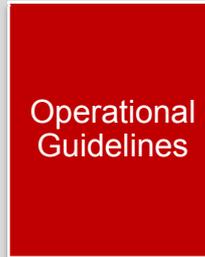
TVA Board Strategy



Strategic Practices



Financial Practices



TVA Management Vision for Action



Operational Program Decisions



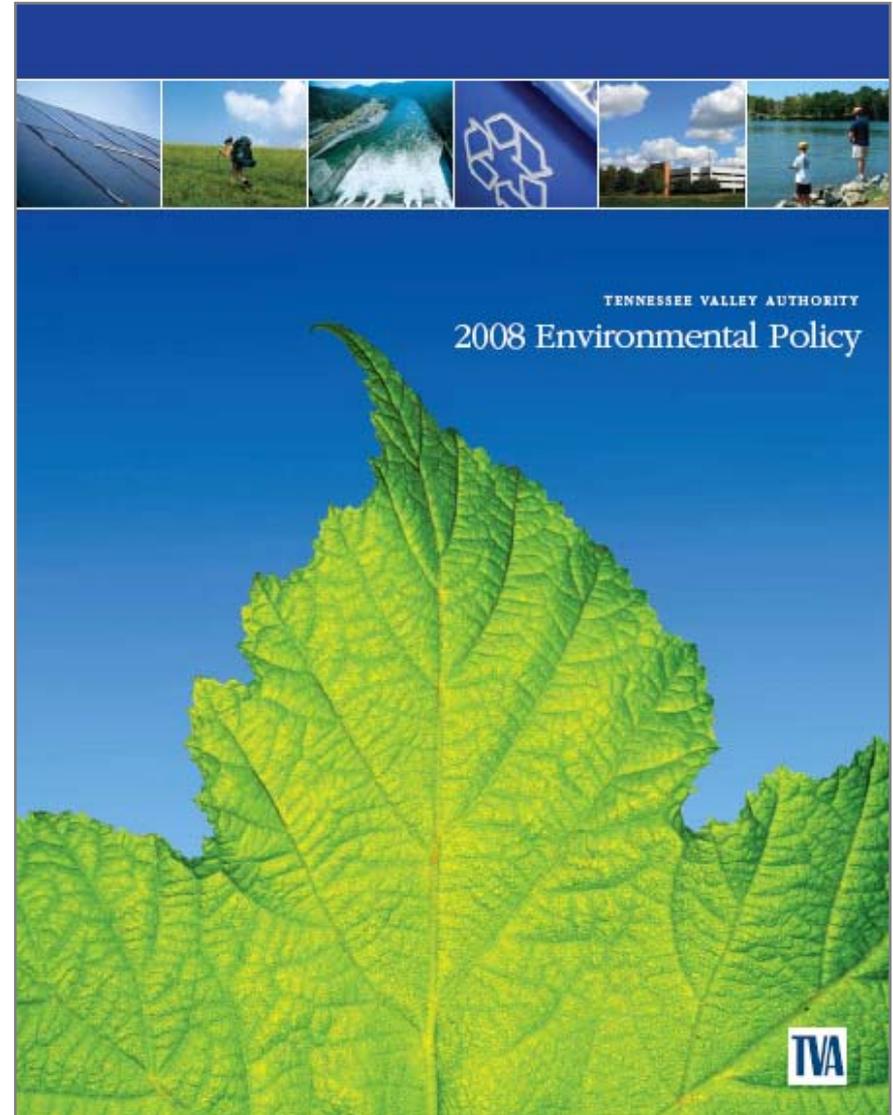
Long Term Financial and Operational Plan

TVA 2008 Environmental Policy

Environment & Technology

March 2010

- **May 2008:** TVA Board approves the Environmental Policy
- **November 2008:** Integrated Resource Plan (IRP) project team formed and TVA committed to a combined review of energy and natural resource plans with deliverable that fulfills National Environmental Policy Act (NEPA) requirements
- **May 2009:** Began IRP development based on industry standard process
- **June 2009:** Notice of Intent (NOI) published in Federal Register
- **October 2009:** Separated the IRP and NRP because the planning processes for the Environmental Policy goals not closely tied to “energy production and use” would be better addressed in a separate study



TVA Ensuring National Leadership

Progressive
Environmental Policy



Where We Want to Go

The 2008 Environmental Policy sets objectives in six key areas:

- Climate change mitigation
 - Water resource protection and improvement
 - Air quality improvement
 - Waste minimization
 - Sustainable land use
 - Natural resource management
-
- Integrated Resource Plan
 - Includes supply side and demand side alternatives
 - Diverse portfolio of resources
 - Flexibility for future decisions
 - Closely integrated with Power Supply Planning process

How We Will Get There

- **Natural Resource Plan**
 - **Natural resource management**
 - **Recreation**
 - **Reservoir lands planning**
 - **Water resource management**

Environmental Impact of Our Actions

An environmental review of plans and programs will be performed



Environmental Policy Objectives

Environment & Technology

March 2010

Sustainable Land Use

TVA will strive to maintain the lands under its management in good environmental health, balancing their multiple uses, and will improve its land transaction processes to support sustainable development.

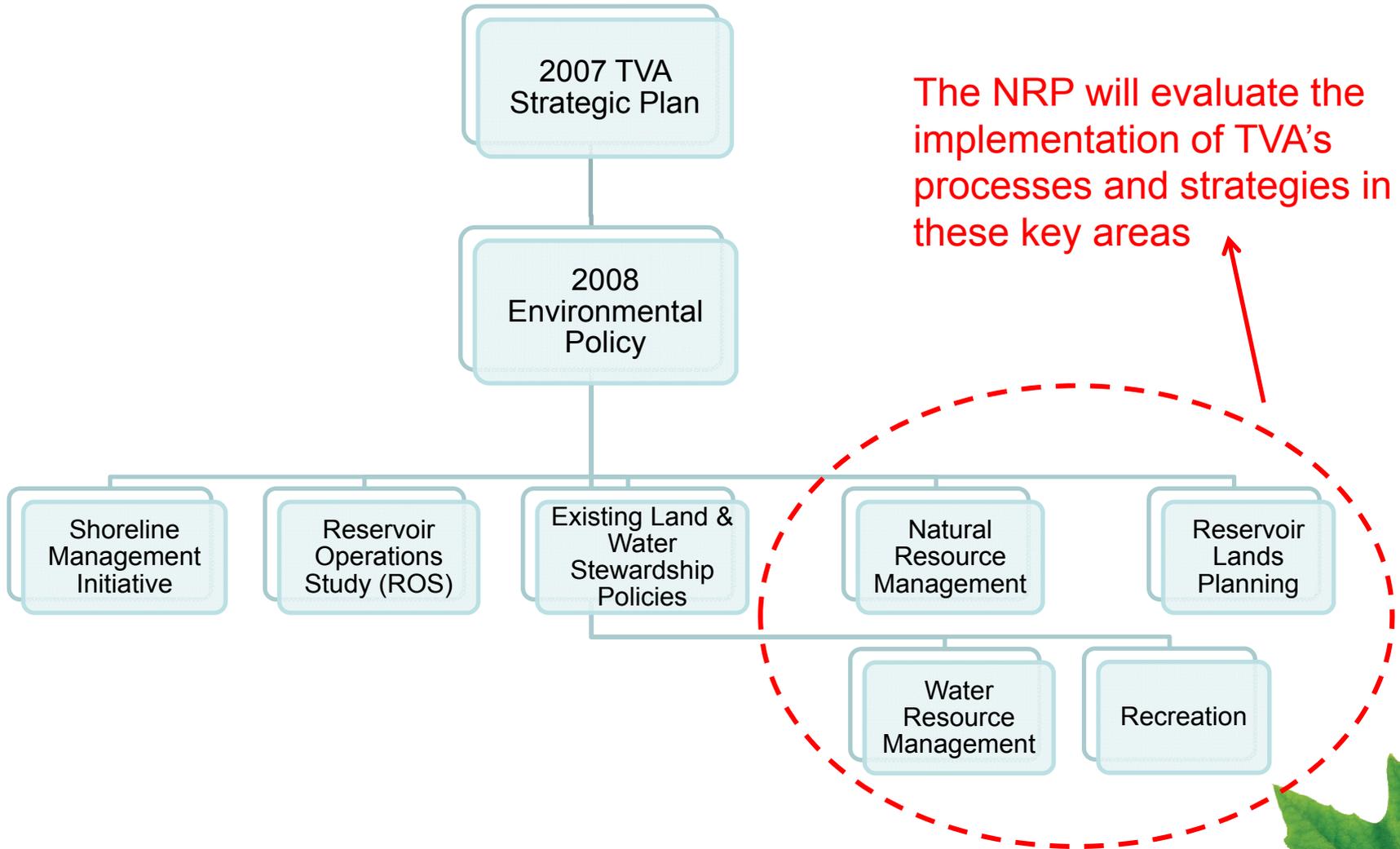
Natural Resource Management

TVA will be a leader in natural resource management through the implementation of sustainable practices in dispersed recreation while balancing the protection of cultural, and heritage resources.

Water Resources Protection

TVA will improve reservoir and stream-water quality, reduce the impact of its operations, and leverage alliances with local and regional stakeholders to promote water conservation.





Natural Resources Strategic Plan

Environment & Technology

March 2010

- A strategic framework to guide future decisions by TVA in the areas of water resources, natural resources, recreation and land management.
- Evaluates a broad range of resource alternatives throughout the four program areas. Will focus on various stewardship issues such as sustainable development, protection of sensitive resources, the values and uses of an integrated river system and the benefits provided by public lands.
- Strives to meet the needs of the present without compromising the ability of future generations to meet their own needs.



TVA RRSC Topic Areas

Environment & Technology

March 2010

The RRSC has provided advice to TVA on the following areas:

- Management of the River System
- Public Lands Management
- Water Quality Monitoring and Improvement
- Reservoir Releases Improvements
- Transmission Line Rights-of-Way
- Improving Biodiversity
- Drought Management
- Land Policy
- Natural Resource, Recreation, and Land & Shoreline Strategies
- Stewardship Compliance



Key Areas of RRSC Advice

- Emphasize and enforce the proper use of TVA lands
- Protect non-renewable natural resources (cultural, archaeological, historic)
- Balance stewardship focus and public perception
- Define land management priorities; manage for multiple benefits
- Standardize, simplify processes; leverage technology
- Develop flexible land management plan; consider environmental goals and legal/regulatory environment

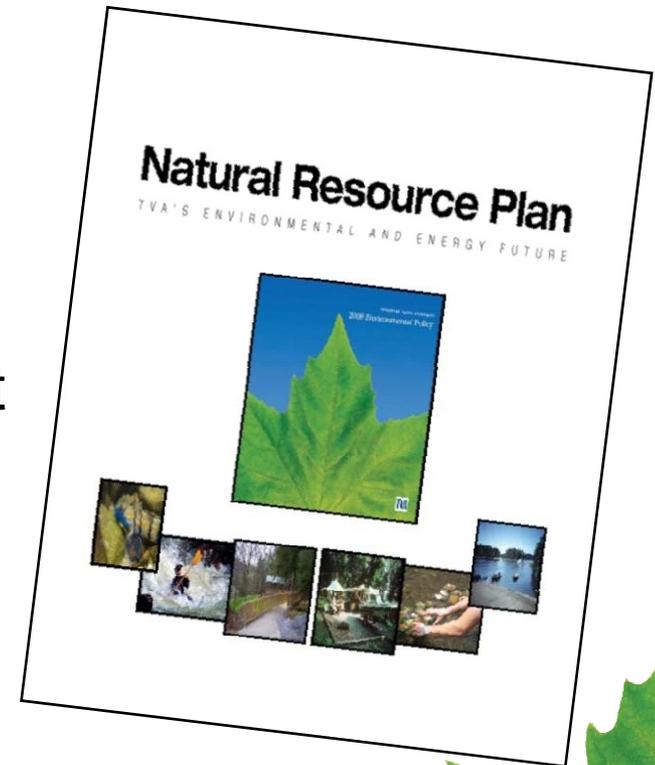


- **Emphasize/enforce proper use of TVA lands**
- **Protect non-renewable resources**
- **Balance stewardship focus and public perception**
- **Define land management priorities**
- **Manage for multiple benefits**
- **Standardize and simplify processes; leverage technology**
- **Develop flexible land management plans; consider environmental goals and legal/regulatory environment**



TVA Advice on NRP

- Today – Seek Council advice on scope of the project, types of implementation activities, and evaluation criteria
- Prior to releasing the draft EIS – Seek Council advice on the portfolio of resource management options
- Prior to releasing the final EIS – Report on the DEIS public comments; any revisions based on public comments; seek validation on the preferred alternative



Additional Assistance

TVA asks the Regional Resource Stewardship Council to consider additional RRSC meetings or the creation of a subcommittee or subcommittees to provide more detailed assistance as we develop the NRP.

