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Infrastructure Workshop

“Assessing Infrastructure Needs and Options”

West Virginia’s Energy Roadmap



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December 11, 2003

Purpose

“The task force should be governed by the vision of advanced technologies for using coal, natural gas, oil, and renewable sources to produce a flexible output of electric power, fuels, chemicals, other high value products, and energy efficiencies through clean energy technologies and advanced power generation systems with limited pollution while generating economic development and job creation.”

Bob Wise

Governor



Guiding Principles

- **Maximize economic benefits and affect as many West Virginians as possible**
- **Support the co-existence of West Virginians within their ecosystem**
- **Promote West Virginia as a leader in efficient technology to supply, deliver, and use energy**



Mission

- **Stimulate the economy**
- **Provide enhanced employment opportunities**
- **Improve the quality of life**
- **Protect the State's air, land, and water**
- **Provide outreach and education programs**
- **Enhance the State's social, cultural, economic, and environmental assets**



ROADMAP TO WV ENERGY LEADERSHIP

Collaboratively developed set of desired destinations & strategies

ECONOMY - ECOLOGY - ENERGY

Guiding principles critical to WV's future

PHASE I

GOAL

GOAL

GOAL

Statements of the destinations and conditions when achieved

S T R A T E G I E S

Optional courses of actions that lead to achieving goals

PHASE II

ACTIONS

Specific State policy decisions that implement strategies

INFO SHEETS

INFO SHEETS

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Facts concerning critical roadmap topics

Recommendations and Action Items

- Economic Development
- Energy Generation
- **Energy Infrastructure**
- Resource Production
- Emerging Energy and Environmental Technologies



Energy Infrastructure Focus

- **Water Utilization**
- **Railway Infrastructure**
- **Surface Transportation**
- **Transmission and Distribution**
- **Land Utilization**



Energy Infrastructure Action Item

It is recommended that West Virginia stimulate private-sector investment in its energy infrastructure to allow greater energy export capability to meet state, regional, and national energy demands.



Action Steps

- **Investigate rate-making incentives directed to infrastructure development**
- **Communicate the need for rate-making incentives**



Energy Infrastructure Action Item

It is recommended that West Virginia work with regional transmission planners to become a leader in energy infrastructure development.



Action Step

The Governor should assess opportunities to establish a collaborative approval process for energy infrastructure development projects.



Energy Infrastructure Action Item

It is recommended that West Virginia conduct an assessment to identify the State's energy infrastructure needs, including infrastructure security, and ways to provide incentives for energy infrastructure development.



Action Steps

The Governor should consider conducting a workshop to identify the State's energy infrastructure needs and ways to provide incentives for energy infrastructure development.



Workshop Goal

Assessing the State's energy infrastructure needs and identify options for development.



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