

THE PROCESS FOR DEVELOPING AN ENERGY PLAN IN MISSOURI

**A PRESENTATION TO THE NASEO
2014 ANNUAL MEETING**

LEWIS MILLS
DIRECTOR, DIVISION OF ENERGY
DEPARTMENT OF ECONOMIC DEVELOPMENT

INTRODUCTION

- About the Division of Energy
- Process overview
- Steering committee
- Topics
- Public meetings
- Report drafting
- Contact information

DIVISION OF ENERGY: MISSION

- The Division of Energy assists, educates, and encourages Missourians to advance the efficient use of diverse energy resources to provide for a healthier environment and to achieve greater energy security for future generations.

DIVISION OF ENERGY: PROGRAMS

- **Energy Policy and Resources:** Legislation, policy research and analysis, energy resource assessments/supplies/prices, energy emergency response, studies, utility regulatory proceedings and energy efficiency collaboratives, energy bulletins, renewable energy standard certifications
- **Energy Efficiency:** Implement programs, energy revolving loan fund, state government energy efficiency, state fleet efficiency and alternative fuels, certification of home energy auditors, building operator certification, technical and financial assistance, energy efficiency loans, QECBs
- **Weatherization Assistance Program:** Implement federal and other weatherization programs and utility weatherization funds for low-income, elderly and disabled
- **Fiscal and Administrative:** Budget, accounting, human resources, reporting

DIVISION OF ENERGY: RECENT HISTORY

- Moved by Executive Order from Department of Natural Resources to Department of Economic Development
- Charged with developing energy plan

PLANNING PROCESS OVERVIEW

- Establish scope and topics
- Evaluate resources
 - Issue RFP for assistance
- Steering committee
- Public meetings
- Synthesize public input with best practices
- Draft, redraft
 - Continuous stakeholder input
- Final report

STEERING COMMITTEE

- Approximately 50 members
- Relatively high profile
- Formal invitations
- Still in progress

TOPICS

- 1) Electric generation;
- 2) Fuels and Resource Extraction;
- 3) Energy Distribution;
- 4) Energy Usage;
- 5) Energy Storage;
- 6) Energy-related Land Use;
- 7) Energy/Water Nexus;
- 8) Energy Pricing and Rate-setting Processes;
- 9) Energy Security and Assurance; and
- 10) Energy Resources in Emergencies.

1. ELECTRIC GENERATION

- Fossil
 - Coal
 - Gas
- Nuclear
 - Conventional
 - Small Modular
- Renewables (wind, solar, biomass, hydro)
 - Utility-scale
 - Distributed Generation

2. FUELS AND RESOURCE EXTRACTION

- Fossil
 - Natural Gas
 - Fracking Issues
 - Coal
- Renewable Biofuels
- Propane

3. ENERGY DISTRIBUTION

- Electric Transmission
- Electric Distribution
 - Smart Grid
 - Distributed Generation
- Pipelines
- Propane

4. ENERGY USAGE

- Energy Efficiency
 - Buildings
 - Appliances, Space Conditioning and Lighting
 - Commercial Operations
 - Industrial Operations and Manufacturing
 - Military installations
 - Agricultural
- Demand Response
- Transportation
 - Electric Vehicles
 - CNG, LNG and Propane

5. ENERGY STORAGE

- Batteries
- V2G
- Pumped Hydro

6. ENERGY-RELATED LAND USE

- Renewables
 - Wind
 - Solar
 - Biomass and Biofuels
- Coal
 - Coal Combustion Residue

7. ENERGY/WATER NEXUS

- Cooling Water for Electric Generation
- Water Use for Fuel Extraction or Manufacture
- Barge Transportation
- Water and Wastewater Treatment Efficiency
- Water End-use Efficiency

8. ENERGY PRICING AND RATE-SETTING PROCESSES

9. ENERGY SECURITY AND ASSURANCE

- Physical Security of Facilities
- Cybersecurity
- Supply Assurance

10. ENERGY RESOURCES IN EMERGENCIES

- Responses to Natural or Man-made Disasters
- Resiliency
- Microgrids

PUBLIC MEETING FORMAT

- Organized around particular topics
- Subject-matter expert panels
- Geographically dispersed
- Steering committee discussions
- Public comments

DRAFTING PROCESS

- Inova
 - www.inovaenergygroup.com
- Internal resources
- Working groups
- Deadline

CONTACT INFORMATION

Lewis Mills

Director, Division of Energy

Department of Economic Development

301 West High Street, Room 720

Jefferson City, Missouri 65101

573-751-1304

lewis.mills@ded.mo.gov

energy.mo.gov