

New Mexico Energy Storage Policy, Plan and Process

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NM Energy, Minerals and Natural Resources Department

New Mexico Regional Energy Storage and Grid
Integration Workshop

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New Mexico Energy Conservation and Management Division

- Created by Statute Passed by NM Legislature
- Serves as the NM State Energy Office
- Funded by NM State and US Federal Funds
- Provides Technical Assistance to NM Citizens, Businesses & All Governmental Entities
- Promotes Energy Efficiency and Renewable Energy



Programs of Energy Conservation and Management Division

- ☐ Residential Solar
- ☐ Sustainable Building
- ☐ Utility Wind & Solar
- ☐ Geothermal
- ☐ Energy Efficiency
- ☐ Energy Audits
- ☐ Clean Fuels



New Mexico Energy Resource Rankings

	U.S. Ranking
Proven oil reserves	5
Proven natural gas reserves	8
Recoverable coal reserves	9
Wind potential	11
Solar potential	3
Geothermal resources	6
Uranium reserves	2

New Mexico Energy Production Rankings

	U.S. Ranking
Net energy supplier to nation	3
Total energy production	10
Oil production	5
Natural gas production	7
Coal production	12
Wind installed capacity	19
Solar installed capacity	10
Renewable power* generation	24

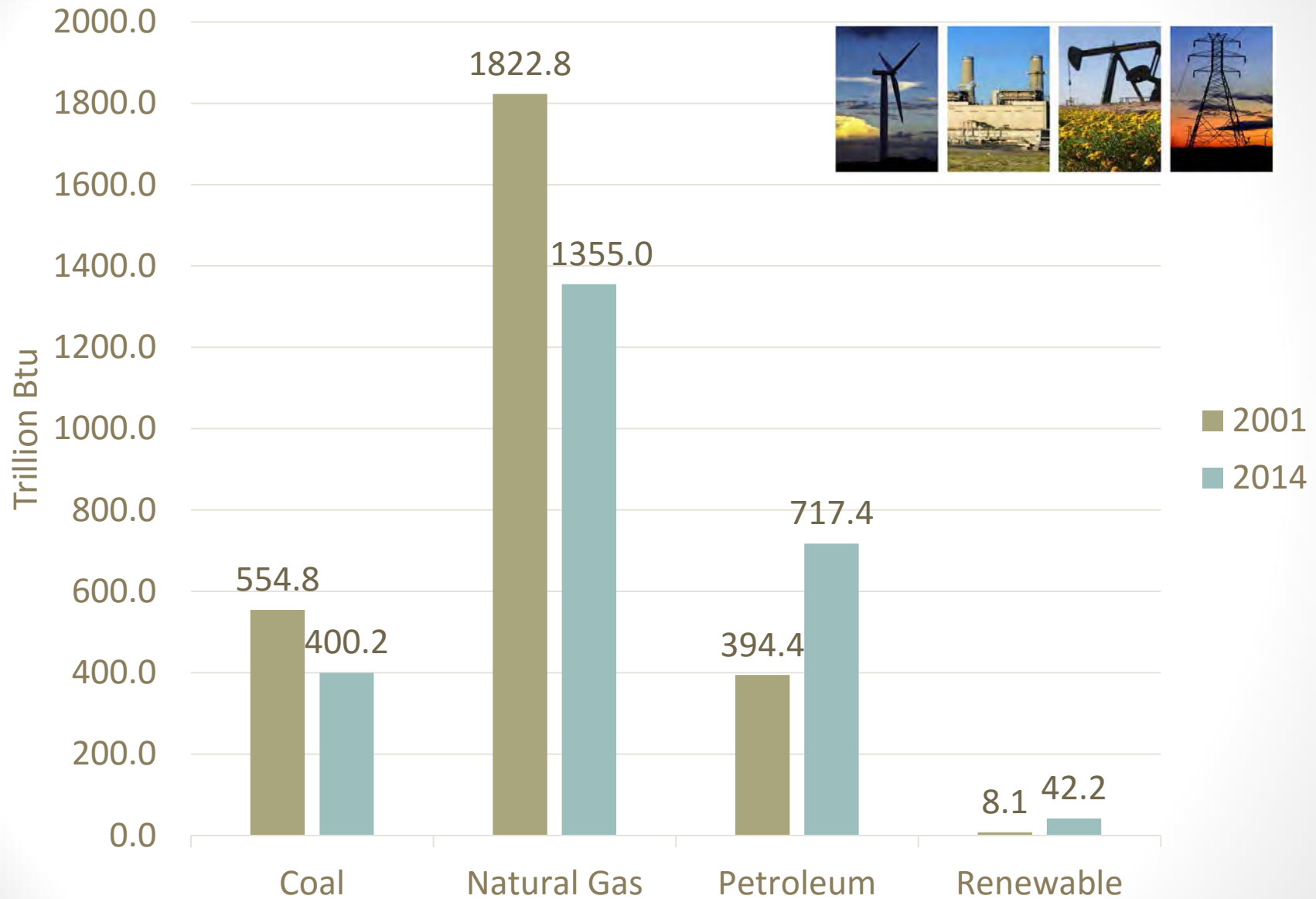
* Excluding hydropower

Note: Rankings out of 51 and include the District of Columbia



Sources: EIA, AWEA, NREL, UNM BBER, BLS

New Mexico Energy Production 2001 vs. 2014



Source: DOE Energy Information Administration

Renewable Energy Storage

2013 New Mexico Legislation

House Joint Memorial 10 – Representative Richard
Senate Joint Memorial 43 – Senator Soules

- Inventoried federal and state policies and regulations
- Developed legislative and regulatory recommendations



Renewable Energy Storage Working Group – 2014 to present

- Guide state government on development and deployment
- Coordinate with Western states
- Evaluate incentives
- Partner with New Mexico's national laboratories, universities and utilities
- Support demonstration projects
- Consider incentives
- Examine time-of-use rate expansion
- Continue examination of economics

2015 Governor's Energy Policy & Implementation Plan

- Focus: State Revenue & Private Sector Jobs

- Infrastructure Needs

- Federal

- Access to Lands

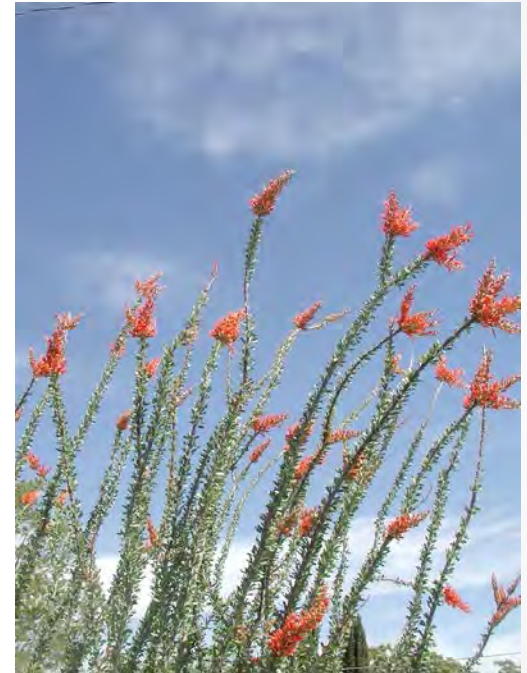
- Collaboration

- Clarify & Streamline Regulations

- Carbon Standards

- Energy and Water Nexus

- Energy Education and Training



N E W M E X I C O



Energy, Minerals and Natural Resources Department

Energy Policy & Implementation Plan

Energy Storage Items:

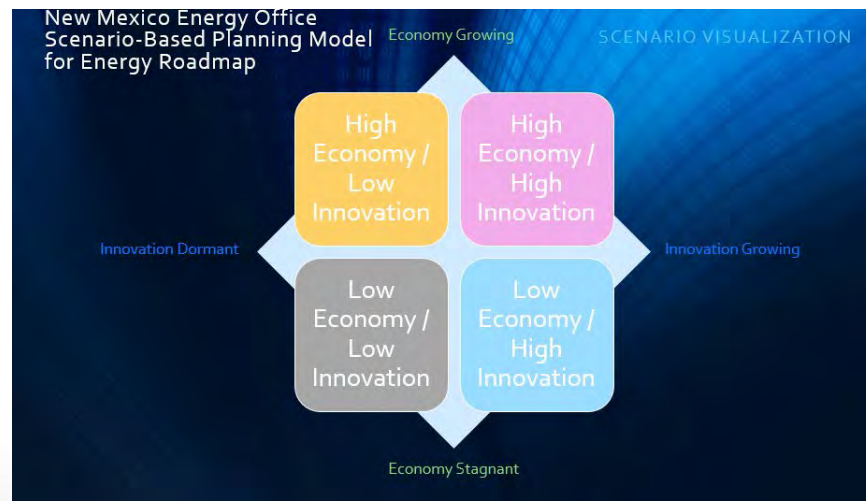
- Promote residential Solar + Storage
- Promote energy storage technology development and testing in New Mexico
- Support industry partnerships
- Pursue demonstration projects
- Attract companies developing energy storage software and controls
- Minimize regulatory and permitting costs
- Consider a Low-Carbon Electricity Portfolio Standard when New Mexico's Renewable Portfolio Standard Expires (2020)



Energy Roadmap – DOE EERE Grant

Implementation of the NM Energy Policy

- Economic Development in New Mexico
- Scenario-based planning to manage uncertainty
- Build upon the 2015 Energy Policy & Implementation Plan
- Focus on low carbon energy future
- Develop a comprehensive roadmap for energy use, production and efficiency



Thank You!

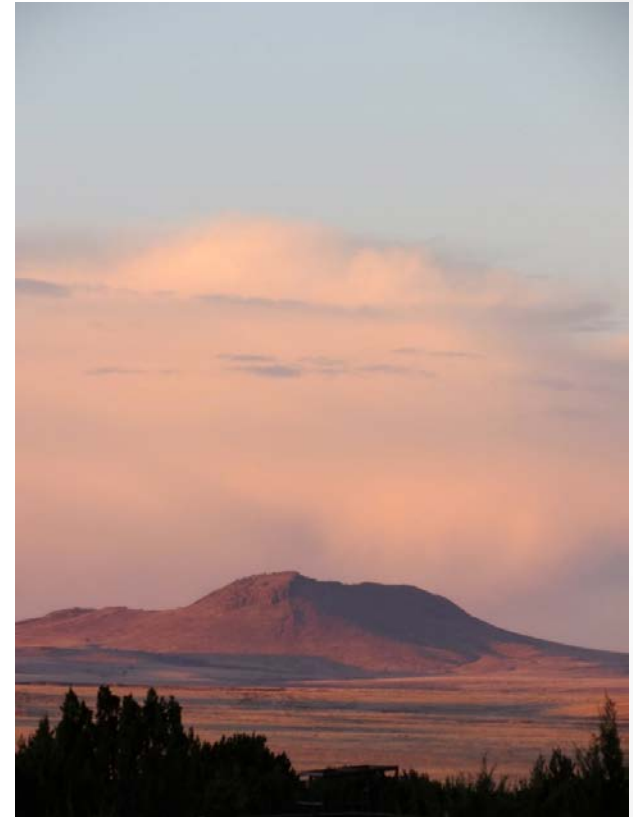
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