

New Mexico State Energy Security Plan Update

State of New Mexico Energy, Minerals, and Natural Resources Department
Energy Conservation and Management Division

An Energy Resilient New Mexico

The New Mexico Energy, Minerals and Natural Resources Department (EMNRD) Energy Conservation and Management Division (ECMD) is undertaking an initiative to comprehensively update the State of New Mexico's existing State Energy Security Plan (SESP) to fulfill requirements identified in Section 40108 of the Infrastructure Investment and Jobs Act. The updated SESP will include the following criteria as identified by the U.S. Department of Energy (DOE):

- Addressment of all energy sources and regulated and unregulated energy providers;
- Provision of a State Energy Profile, including an assessment of energy production, transmission, distribution, and end-use;
- Addressment of potential hazards to each energy sector or system, including physical threats and vulnerabilities and cybersecurity threats and vulnerabilities;
- Provision of a risk assessment of energy infrastructure and cross-sector interdependencies and a risk mitigation approach to enhance reliability and end-use resilience; and
- Addressment of multi-state and regional coordination, planning, and response and coordination with Indian Tribes with respect to planning and response.

Development of the updated SESP supports EMNRD ECMD's charge to develop and implement tools to promote energy resilience, energy efficiency, renewable energy, and clean transportation to help achieve a resilient state energy economy. The work completed will establish a deeper understanding of New Mexico's energy system component locations, capabilities, threats and hazards, risk assessments, dependencies, location-specific mitigation strategies and solutions, and will provide data and information, all in support of related government emergency management and energy planning priorities. Successful execution and completion of this undertaking requires partnership with a range of stakeholders across New Mexico and the southwest region. Stakeholders are asked to participate in key project phases and activities taking place between November 2022 and June 2023. EMNRD ECMD understands the sensitive nature of information that may be shared by stakeholders throughout this initiative and remains committed to serving as the utmost trusted and reliable partner. Additionally, EMNRD ECMD values collaboration with stakeholders and will work thoughtfully and meaningfully to streamline communications throughout the entirety of this initiative to prioritize necessary participation, particularly for stakeholders who are involved in multiple EMNRD ECMD projects concurrently.

Stakeholder Participation

Development of the updated SESP will support EMNRD ECMD direct resources to areas of most need within New Mexico's energy sector and stakeholders are encouraged to participate. Stakeholders will receive introductory email outreach from the EMNRD ECMD Project Leads in early-November 2022 highlighting the scope of work and requesting support to successfully complete the initiative.

State Energy Security Assessment

In mid-November, stakeholders will receive an email request from the EMNRD ECMD Project Leads requesting relevant plans, assessments, and after-action reports that will inform the SESP update. Documents will be utilized to enhance development a **State Energy Profile, Hazards, Threats, and Vulnerabilities Inventory**, and **Energy Infrastructure and Cross-Sector Interdependencies Risk Assessment**.

- The **State Energy Profile** will provide baseline information on New Mexico's energy markets and infrastructure as well as regional and interstate energy markets and will include production, transmission, distribution, and end-users.
- The **Hazards, Threats, and Vulnerabilities Inventory (Inventory)** will plot threats and vulnerabilities in each sector, their impact, and likelihood in the region. Information from the DOE state risk profiles, state hazard mitigation plans, state integrated resource plans, utility emergency plans, after-action reports for previous incidents, and discussions with energy system owners and operators and other stakeholders is paramount for this work. Physical, cybersecurity and climate change experts will play a critical role in assessing potential vulnerabilities in New Mexico's energy infrastructure.
- The **Energy Infrastructure and Cross-Sector Interdependencies Risk Assessment (Risk Assessment)** will identify assets most critical to the continuity of energy infrastructure and critical infrastructure. Understanding what assets are at most risk will provide EMNRD ECMD with important insight into the overall risk to energy infrastructure and allow the state to direct mitigation resources toward assets most susceptible to cascading impacts.

In February 2023, stakeholders representing electricity, oil and natural gas, and government will be invited to attend **Energy Security Validation Workshops** to receive findings within the Inventory and Risk Assessment, provide feedback, and receive an update on the continued approach to update the SESP.

State Energy Security Plan Development

As the EMNRD ECMD Project Leads begin writing the SESP update, a template will be developed inclusive of previous SESP components and requirements within the IJA. **Virtual Working Group Meetings** will be hosted in April 2023 to review and validate key components.

- An **Emergency Response Working Group (ERWG)** comprised of state, regional and tribal coordinators will address energy disruption planning and response and mutual assistance in cyber and physical response. Conversations in the ERWG will result in the development of an Integrated Preparedness Plan reflecting energy priorities for ERWG stakeholders across the region, existing processes and capabilities, and next steps for continued capability growth.
- A **Resilience and Mitigation Working Group (RMWG)** comprised of energy infrastructure owners and operators will address existing, anticipated, and required mitigation initiatives, and the importance of public-private partnerships. Insight from the RMWG will inform the development of a Risk Mitigation Approach.

SESP Stakeholder Meetings

Upon completion of the updated and final SESP, stakeholders will be invited to participate in **SESP Stakeholder Presentations** in June 2023. Presentations will be two-hours in length, interactive and descriptive of the updated SESP.