
Sam Cramer
National Association of State Energy Officials
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Agenda

- Overview of State Energy Planning and State Energy Plans
- Trends in recently updated State Energy Plans
- Process for updating *State Energy Planning Guidelines*
- Questions & feedback
Overview of State Energy Plans

- As of 2017, 42 states and the District of Columbia have State Energy Plans.

- State Energy Plans identify and design a pathway to a prosperous energy future that capitalizes on a state’s resources, infrastructure, and human capital to promote a healthy economy and environment. State Energy Plans provide a policy backing for program and regulatory decisions, and can help catalyze positive, transformative change.
Recently-Updated Plans

- 26 states have updated their State Energy Plans since NASEO’s *State Energy Planning Guidelines* was published in 2011.

- Nine states are currently in the process of updating their plans to include policy and program priorities that reflect recent trends and future projections in energy procurement and usage.

<table>
<thead>
<tr>
<th>Year</th>
<th>State</th>
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<tbody>
<tr>
<td>2012</td>
<td>ID, MN, MS, WA</td>
</tr>
<tr>
<td>2013</td>
<td>CT, WV, WY</td>
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<tr>
<td>2014</td>
<td>AZ, CO, GA, NH, OH, PA, UT, VA</td>
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<tr>
<td>2015</td>
<td>CA, ME, MO, NJ, NM, NV, NY, RI, VT</td>
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<td>2016</td>
<td>IA, MT, SC</td>
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Trends in Recently-Updated Plans

Plan Development Process

- Continued use of stakeholder groups and public forums to solicit input on drafts of the State Energy Plan

- SEOs remain leads/major participants for most of plan development. Contractors typically hired to perform assessments of energy supply/demand, workforce assessment, etc.

- Limited use of metrics in developing specific plan/policy goals

- Governors continuing to take an active role in developing plans – including setting policy priorities and providing high-level leadership of steering committee
  - Ex: Iowa Energy Plan development was lead by then-Lt. Governor Kim Reynolds
Trends in Recently-Updated Plans

Policy Areas Included in Plan

- Emerging finance mechanisms to promote clean energy development and engage private capital, including Commercial Property Assessed Clean Energy (C-PACE), or Energy Investment Partnerships (EIPs) (Green Banks);

- Water-energy nexus within state boundaries and on strategies to promote energy efficiency in the water sector, and water efficiency in the energy sector;

- Development and deployment of advanced nuclear technologies;

- Planning for Advanced Metering Infrastructure (AMI), microgrids, and other “smart grid” technologies;

- Development or support of technology “incubators”;

- Planning for electric vehicle deployment and related infrastructure; and

- Inter-agency coordination to tackle and address energy-related issues.
About NASEO’s State Energy Planning Guidelines

- NASEO’s State Energy Planning Guidelines are an aid for states that are looking to create or refine their State Energy Plans to perpetuate sound planning processes

- The Guidelines provide states with an overview of a hypothetical State Energy Plan design process, including ten steps that NASEO recommends that states include in planning.

- The Guidelines provide information on a number of supplemental policies that states may choose to focus on in their plans
  - Energy Efficiency
  - Renewable Energy Grid Integration
  - Clean and Efficient Transportation
  - Financing Energy Efficiency and Clean Energy
  - Evaluation and Measurement for Continuous Improvement
  - Energy Assurance and Emergency Response Planning
## NASEO’s Process for Updating the State Energy Planning Guidelines

<table>
<thead>
<tr>
<th>Timeline</th>
<th>Planning Milestone</th>
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<tbody>
<tr>
<td>June - August 2017</td>
<td>Revise State Energy Planning Guidelines to reflect new stakeholder engagement processes and data collection/modeling methods, and incorporate new research and information on priority policy areas.</td>
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<tr>
<td>Fall 2017</td>
<td>Finalize and Release New State Energy Planning Guidelines</td>
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<tr>
<td>Ongoing</td>
<td>Provide Technical Assistance to States on State Energy Processes</td>
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Additions and Changes to the *State Energy Planning Guidelines*

- Discussion of state data needs, uses of data, and data resources that are available for states updating their plans
- Increased discussion around stakeholder best practices
- Inclusion of new “Supplemental Policies” sections covering:
  - Workforce Development;
  - Cybersecurity and Energy Assurance;
  - Clean Transportation and Mobility;
  - Environmental Considerations for State Energy Plans;
  - The Energy-Water Nexus; and
- New examples from recently-updated plans highlighting emerging areas for planning
- Discussion around cross-agency collaboration and the involvement of Governors in state planning processes
- Highlights on natural gas development as well as planning for energy R&D
Contact Us

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