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New Report Supports States' Development of Advanced Nuclear Strategic Frameworks

WASHINGTON (June 30, 2025) — The National Association of Regulatory Utility Commissioners, in partnership with the National Association of State Energy Officials, released a new report, *Developing State Advanced Nuclear Energy Strategic Frameworks: Guidance for State Energy Offices and Public Utility Commissions*. The new publication is designed to assist public utility commissions and State Energy Offices preparing to lead and/or contribute to the development of a strategic framework for new nuclear energy generation projects in their states.

The report is a response to increased interest in advanced nuclear generation among state energy directors and utility regulators, as advanced nuclear energy offers potential benefits related to grid reliability, environmental impacts and economic development. This increased interest has led State Energy Offices and PUCs in several states to develop or consider developing strategic frameworks examining the role of new nuclear energy generation; assessing factors impacting project development; and identifying action items for governors, legislatures and state agencies.

“As load growth continues across the United States, it is important for states to look toward reliable sources of energy such as advanced nuclear to enhance their energy portfolios,” said Commissioner Lea Márquez Peterson of the Arizona Corporation Commission. “The guidance within this report provides a valuable roadmap for states to evaluate and plan for the role of advanced nuclear technologies in their energy mixes. By developing a strategic framework, we can ensure that any future nuclear investments are aligned with our regulatory processes, community needs and energy goals.”

“States are thoughtfully examining many paths to a resilient energy future,” said NARUC Center for Partnerships & Innovation Senior Director Danielle Sass Byrnett. “This framework is designed to help State Energy Offices and public utility commissions navigate the complexities of planning for new nuclear deployment by equipping them with actionable steps, policy considerations, resources for support and plenty of examples that can be adapted to each state’s unique energy landscape.”

To support states contemplating advanced nuclear, this report summarizes suggested steps for developing a strategic framework, discusses factors for states to explore, and offers

considerations for integrating an advanced nuclear energy strategic framework with other state energy planning, policy development and regulatory processes.

“Supporting Tennessee's and many other states’ advanced nuclear planning and development work is foundational to getting more firm and affordable power on the grid in the years to come. The use of State Energy Program funding by the State Energy Offices is critical to bringing together public-private partnerships and implementing policies that will bring nuclear technologies to our states more rapidly and safely,” said Director of Tennessee's Office of Energy Programs, NASEO Chair, and Co-Chair of ANSC and NASEO's First Movers Initiative Molly Cripps.

“State Energy Offices in every region of the nation are supporting their governors and legislatures in developing advanced nuclear deployment pathways and are coordinating closely with the public utility commissions and major private-sector partners such as data center hyperscalers and investors,” said NASEO Senior Managing Director Kirsten Verclas.

Developing State Advanced Nuclear Energy Strategic Frameworks: Guidance for State Energy Offices and Public Utility Commissions was produced under the NARUC-NASEO Advanced Nuclear State Collaborative, an initiative supported by the U.S. Department of Energy Office of Nuclear Energy-NARUC Nuclear Energy Partnership.

The ANSC convenes state utility regulators and State Energy Officials to enhance collective understanding of the unique regulatory and policy questions surrounding the consideration and deployment of new nuclear generation, and to support peer learning across states. Stay up to date on ANSC activities and resources such as the [Advanced Nuclear State Action Tracker](#) on the [ANSC webpage](#).

Read and download the full report at <https://bit.ly/40sjrgc>.

A public webinar will be held on July 18 from 1:00 to 2:00 p.m. ET, when the report authors will share an overview and key takeaways. Please register at <https://bit.ly/44oqRNB>.

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About NARUC

NARUC is a non-profit organization founded in 1889 whose members include the governmental agencies that are engaged in the regulation of utilities and carriers in the fifty states, the District of Columbia, Puerto Rico and the Virgin Islands. NARUC's member agencies regulate telecommunications, energy, and water utilities. NARUC represents the interests of state public utility commissions before the three branches of the federal government.

About NASEO

NASEO is the only national non-profit association for the governor-designated energy officials from each of the 56 states and territories. Formed by the states in 1986, NASEO facilitates peer learning among state energy officials, serves as a resource for and about State Energy Offices, and advocates the interests of the State Energy Offices to Congress and federal agencies.