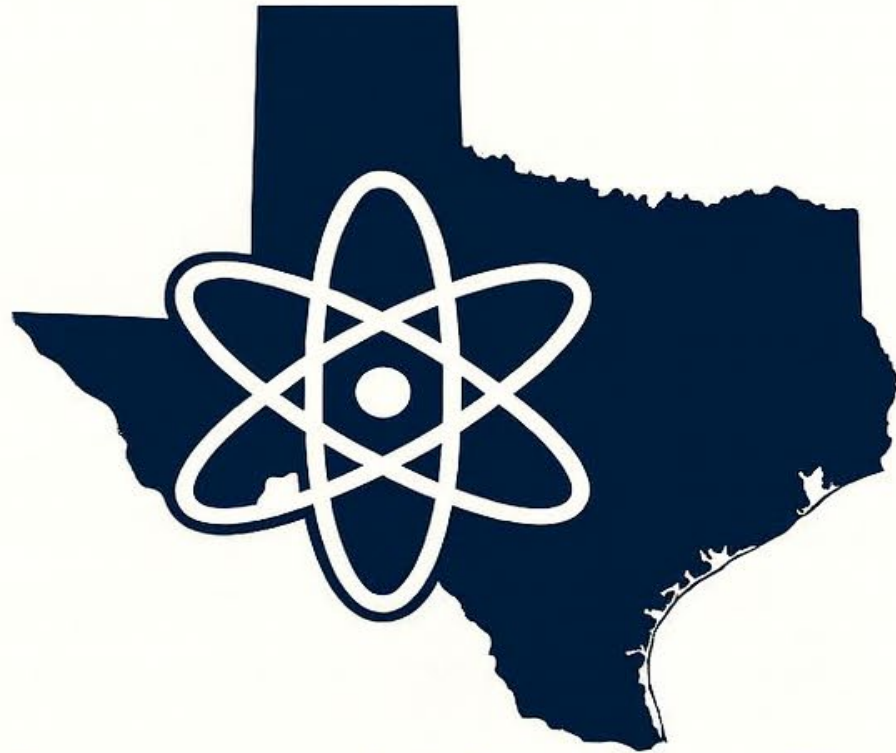


# TANEO



**Texas Advanced Nuclear Energy Office**

# Texas Advanced Nuclear Energy Office

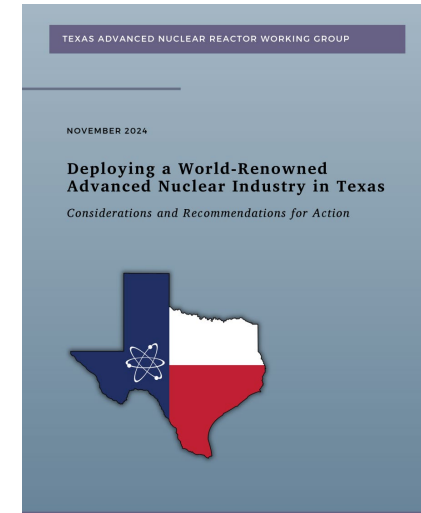
Texas's strategic leader to support the development and commercialization of the advanced nuclear energy industry and associated supply chains in Texas.

Singularly focused on advocating on behalf of the nuclear energy industry and workforce development in Texas.

# Background

August 16, 2023, Governor Abbott directed the Public Utility Commission of Texas (PUCT) to establish the [Texas Advanced Nuclear Reactor Working Group](#) to study and provide recommendations to make Texas the headquarters of the American Nuclear Renaissance.

- The Texas Advanced Nuclear Reactor Working Group [report](#):
  - Policy recommendations for consideration by the 89<sup>th</sup> Texas Legislature
  - Economic analysis by the Bureau of Business Research of the IC2 Institute at The University of Texas at Austin
  - Evaluation of the safety and economic viability of advanced nuclear reactors
  - Electric Reliability Council of Texas (ERCOT) trends, projections, and power capacity outlooks



GOVERNOR GREG ABBOTT

August 16, 2023

Kathleen Jackson, P.E.  
Interim Chair, Public Utility Commission of Texas  
1701 North Congress Avenue, 7th Floor  
Austin, Texas 787

Dear Ms. Jackson:

As our state grows, so must our electric power generation. To maximize power grid reliability, the Public Utility Commission of Texas (PUCT) should consider all forms of dispatchable power, including nuclear energy. In particular, the PUCT should evaluate advanced nuclear reactors to determine if they can provide safe, reliable, and affordable power to our grid.

I instruct the PUCT to establish a working group to study and plan for the use of advanced nuclear reactors in Texas. This working group should focus on understanding the state's role in deploying and using advanced nuclear reactors; consider all potential financial incentives available; determine nuclear-specific changes needed in the Electric Reliability Council of Texas (ERCOT) market; identify any federal or state regulatory impediments to development; and identify how the state can streamline and accelerate permitting for the building of advanced nuclear reactors in Texas. The working group should also engage Texas supply chain manufacturers to foster homegrown development of this technology in our state.

The working group should include and coordinate with stakeholders with applicable experience, relevant state agencies and institutions of higher education, appropriate federal agencies, and current and potential future market participants in order to best understand how Texas can encourage the timely implementation of advanced nuclear reactors. Further, I direct the working group to identify any federal incentives available for the state and stakeholders to access and utilize. Additionally, the working group should coordinate with ERCOT to begin solving the technical challenges of incorporating advanced nuclear energy into the ERCOT grid.

Foundational to these charges is the safety of Texas communities, and it is critical that this report address advanced nuclear reactor safety. Finally, I charge the working group to submit a plan and recommendations to my office by December 1, 2024, outlining how Texas will become the national leader in using advanced nuclear energy.

# House Bill 14



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Rep. Cody Harris and Sen. Charles Schwertner

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Created the Texas Advanced Nuclear Energy Office (TANEO) within the Office of the Governor

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Texas Advanced Nuclear Development  
Fund appropriated \$350 million

- 1. Project Development and Supply Chain Reimbursement Program
- 2. Advanced Nuclear Construction Reimbursement Program
- 3. Completion Bonus Grant Program

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Strategic Plan Development

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Nuclear Permitting Coordinator

# **Texas Advanced Nuclear Development Fund**

## **Project Development and Supply Chain Reimbursement Program**

- Supports the initial development of real Texas projects, with an emphasis on developing the manufacturing capacity and fuel supply chain in Texas.
- Eligible expenses associated with or required for initial development of an advanced nuclear project in this state.
- Up to \$12.5 million per grant.

# **Texas Advanced Nuclear Development Fund**

## **Advanced Nuclear Construction Reimbursement Program**

- Designed to help derisk capital exposure for the procurement of long lead time components, construction, and regulatory activities.
- Eligible expenses associated with the construction of an advanced nuclear project in this state.
- Must have permit or license docketed at NRC to be eligible.
- Up to \$120 million per grant.



# **Texas Advanced Nuclear Development Fund**

## **Completion Bonus Grant Program for Interconnected Reactors**

- Costs associated with the completion of an operational advanced nuclear reactor in Texas that is interconnected with the ERCOT power grid.
- Grant amounts to be determined in coordination with PUCT on a per megawatt basis according to the generation capacity of the advanced nuclear reactor.
- No funding has been appropriated at this time.

# Strategic Plan



Report due to later than December 1, 2026.



Strategic plan for furthering the goals, purposes, and objectives of TNEO.



Establishing advisory committees focused on varying aspects of the nuclear energy industry.



# Nuclear Permitting Coordinator

- Act as a single point of contact for nuclear project developers navigating the state permitting and regulatory process.
- Identify active or likely siting opportunities and required permits and approvals for nuclear energy generation sites and key personnel.
- Provide guidance for regulated persons navigating local, state, and federal regulations for nuclear energy generation facilities.

# Request for Information

- Seeking input from the public to inform:
  - Scope of Work for Strategic Plan
    - Advisory committee participation
  - State and Local Permitting
    - Input into a Texas nuclear permitting database
  - Grant Application Expert Review Panel
    - Qualified individuals to serve as technical experts
- Closes February 26, 2026
- RFI can be found on TANEО's [website](#)

# Stay Connected



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## **TANEO website**

<https://gov.texas.gov/organization/taneo>

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Email us @ [taneo@gov.Texas.gov](mailto:taneo@gov.Texas.gov)