

15 June 2026

The Honorable Mike Lee  
Chairman, Senate Committee on Energy and Natural Resources  
363 Russell Senate Office Building  
Washington, DC 20510

The Honorable Martin Heinrich  
Ranking Member, Senate Committee on Energy and Natural Resources  
709 Hart Senate Office Building  
Washington, DC 20510

**RE: Support for S. 579, the Department of Energy Quantum Leadership Act of 2025**

Dear Chairman Lee and Ranking Member Heinrich:

We, the undersigned companies, universities, and nonprofits across the U.S. quantum ecosystem urge the Senate Committee on Energy and Natural Resources to advance S. 579, the Department of Energy Quantum Leadership Act of 2025. Passing S. 579 would move Congress closer to completing a bipartisan, bicameral reauthorization of the National Quantum Initiative.

The National Quantum Initiative Act of 2018 (P.L. 115-368) created the framework that helped establish the United States as the global leader in quantum information science and technology. At the Department of Energy (DOE), the act authorized funding for five new National Quantum Information Science Research Centers (NQISRCs). Based at DOE labs, these centers have to-date involved the work of nearly 1,000 scientists and students and 96 organizational partners across 13 labs, 53 universities, and 20 companies. The act also coordinated federal research investments and helped catalyze the public-private ecosystem that American quantum companies rely on today. However, this original authorization expired in FY2023, and sustaining U.S. leadership in quantum technologies requires updated DOE authorizations and reliable federal investment to meet the next phase of global quantum competition.



S. 579 extends DOE's essential role in the National Quantum Initiative. The bill reauthorizes the NQISRCs, strengthens DOE's ability to partner with industry, supports quantum user facilities and research infrastructure, and trains America's quantum workforce. Together, these provisions ensure that DOE continues to serve as a foundation for American leadership in quantum science and technology.

S. 579 is bipartisan, targeted, and necessary to achieve our economic and national security goals. The bill is complementary to the Senate Committee on Commerce, Science, and Transportation's work on S. 3597, which addresses programs at the National Science Foundation, National Institute of Standards and Technology, and National Aeronautics and Space Administration. That committee reported S. 3597 favorably unanimously on April 14, World Quantum Day. Together, if enacted, S. 579 and S. 3597 would comprehensively modernize and reauthorize the National Quantum Initiative for the next stage of global competition.

The House Committee on Science, Space, and Technology has also acted, favorably reporting its companion, H.R. 8462, the National Quantum Initiative Reauthorization Act. With both chambers moving forward on the reauthorization, now is the time for the Senate to advance the DOE piece. Your committee has already passed this legislation once, reporting S. 579's predecessor in the 118th Congress, S. 4932, in November 2024—the 2025 text is substantially the same legislation.

We respectfully urge the Committee to pass S. 579 and work with Senate leadership to include the DOE quantum title in any broader National Quantum Initiative reauthorization package. Our organizations are working to turn American research leadership into deployable technologies, domestic production capacity, high-skilled jobs, and trusted capabilities. We further urge the Senate to coordinate with the House to complete a bipartisan, bicameral reauthorization this Congress.  
Closing,

Thank you for your leadership and attention to this important matter.

Respectfully submitted,

ALEKSCO  
Aliro Quantum  
Alphaket Capital  
Amera IoT, Inc.  
American Physical Society  
Anametric, Inc.

Arizona Technology Council  
Baylor University  
Beacon Photonics  
Black Lotus Quantum Ventures  
Boston Cryogenics LLC  
Caltech  
Catherine Lefebvre LLC  
Chattanooga Quantum Collaborative  
CJW Quantum Consulting, LLC  
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George Mason University  
Global Quantum Intelligence, LLC  
Google Quantum AI  
HKA Marcom  
HPE  
IBM  
Icarus Quantum Inc.  
IEEE-USA  
Infleqtion  
Interlune Corporation  
IonQ  
IQM Quantum Computers  
Keysight Technologies  
Lam Research Corporation  
LaPine Development  
Lawrence Semiconductor  
Light Integration Technologies  
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Mesa Quantum Systems, Inc  
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