

## 2024 Current Fiscal Year Report: National Quantum Initiative Advisory Committee

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### 1. Department or Agency

Department of Energy

### 2. Fiscal Year

2024

### 3. Committee or Subcommittee

National Quantum Initiative Advisory Committee

### 3b. GSA

### Committee No.

84595

### 4. Is this New During Fiscal Year?

No

### 5. Current Charter

07/24/2020

### 6. Expected Renewal Date

### 7. Expected Term Date

12/21/2029

### 8a. Was Terminated During Fiscal Year?

### 8b. Specific Termination Authority

P.L. 115-368

### 8c. Actual Term Date

### 9. Agency Recommendation for Next Fiscal Year

Continue

### 10a. Legislation Req to Terminate?

No

### 10b. Legislation Pending?

Enacted

### 11. Establishment Authority

Statutory (Congress Created)

### 12. Specific Establishment Authority

P.L. 115-368

### 13. Effective Date

12/21/2018

### 14. Committee Type

Continuing

### 14c. Presidential?

Yes

### 15. Description of Committee

Scientific Technical Program Advisory Board

### 16a. Total

### Number of Reports

No Reports for this Fiscal Year

### 17a.

Open

0

17b. Closed

0

17c. Partially Closed

0

Other Activities

0

17d. Total

0

### Meetings and Dates

No Meetings

Current Next

FY

FY

<b>18a(1). Personnel Pmts to Non-Federal Members</b>	\$0.00	\$0.00
<b>18a(2). Personnel Pmts to Federal Members</b>	\$0.00	\$0.00
<b>18a(3). Personnel Pmts to Federal Staff</b>	\$0.00	\$0.00
<b>18a(4). Personnel Pmts to Non-Member Consultants</b>	\$0.00	\$0.00
<b>18b(1). Travel and Per Diem to Non-Federal Members</b>	\$0.00	\$0.00
<b>18b(2). Travel and Per Diem to Federal Members</b>	\$0.00	\$0.00
<b>18b(3). Travel and Per Diem to Federal Staff</b>	\$0.00	\$0.00
<b>18b(4). Travel and Per Diem to Non-member Consultants</b>	\$0.00	\$0.00
<b>18c. Other(rents,user charges, graphics, printing, mail, etc.)</b>	\$0.00	\$0.00
<b>18d. Total</b>	\$0.00	\$0.00
<b>19. Federal Staff Support Years (FTE)</b>	0.00	0.00

**20a. How does the Committee accomplish its purpose?**

The Committee will accomplish its goals through meetings of the whole Committee and through panels convened on specific topics.

**20b. How does the Committee balance its membership?**

Members shall represent industry, universities, Federal laboratories, or other Federal Government agencies. The members will be prominent in their fields, recognized for their professional and other relevant achievements, and from diverse backgrounds.

**20c. How frequent and relevant are the Committee Meetings?**

The committee shall meet at least twice a year.

**20d. Why can't the advice or information this committee provides be obtained elsewhere?**

Quantum information science and technology research is a diverse topic. The experience of the Committee is not available within the Department of Energy or within its existing committees.

**20e. Why is it necessary to close and/or partially closed committee meetings?**

N/A

**21. Remarks**

N/A

**Designated Federal Officer**

Thomas Wong DFO

Committee Members	Start	End	Occupation	Member Designation
Abo-Shaeer, Jamil	12/14/2022	01/19/2025	Vector Atomic	Special Government Employee (SGE) Member
Chong, Frederic	12/14/2022	01/19/2025	University of Chicago	Special Government Employee (SGE) Member
Clarke, James	12/14/2022	01/19/2025	Intel Corporation	Special Government Employee (SGE) Member
Frincke, Deborah	12/16/2022	01/19/2025	Sandia National Laboratories	Special Government Employee (SGE) Member
Herrera, Gilbert	12/14/2022	01/19/2025	National Security Agency	Regular Government Employee (RGE) Member
Mason, Nadya	12/14/2022	01/19/2025	University of Illinois	Special Government Employee (SGE) Member
Moler, Kathryn	12/15/2022	01/19/2025	Stanford University	Special Government Employee (SGE) Member

Oliver, William	12/15/2022	01/19/2025	Massachusetts Institute of Technology	Special Government Employee (SGE) Member
Preskill, John	12/15/2022	01/19/2025	California Institute of Technology	Special Government Employee (SGE) Member
Ritter, Mark	12/15/2022	01/19/2025	IBM	Special Government Employee (SGE) Member
Schoelkopf, Robert	12/14/2022	01/19/2025	Yale University	Special Government Employee (SGE) Member
Svore, Krysta	12/14/2022	01/19/2025	Microsoft Research	Special Government Employee (SGE) Member
Tahan, Charles	12/14/2022	01/19/2025	Office of Science and Technology Policy	Regular Government Employee (RGE) Member
Wang, Jinliu	12/15/2022	01/19/2025	Ohio State University	Special Government Employee (SGE) Member
Ye, Jun	12/15/2022	01/19/2025	NIST	Regular Government Employee (RGE) Member

**Number of Committee Members Listed: 15**

### Narrative Description

The committee met three times in FY 2023, on December 16, 2022, March 24, 2023, and May 19, 2023.

**What are the most significant program outcomes associated with this committee?**

Checked if  
Applies

Improvements to health or safety	<input checked="" type="checkbox"/>
Trust in government	<input checked="" type="checkbox"/>
Major policy changes	<input checked="" type="checkbox"/>
Advance in scientific research	<input checked="" type="checkbox"/>
Effective grant making	<input type="checkbox"/>

- Improved service delivery ☐
- Increased customer satisfaction ☐
- Implementation of laws or regulatory requirements ☐
- Other ☐

### Outcome Comments

N/A

### What are the cost savings associated with this committee?

Checked if Applies

- None ☐
- Unable to Determine ☒
- Under \$100,000 ☐
- \$100,000 - \$500,000 ☐
- \$500,001 - \$1,000,000 ☐
- \$1,000,001 - \$5,000,000 ☐
- \$5,000,001 - \$10,000,000 ☐
- Over \$10,000,000 ☐
- Cost Savings Other ☐

### Cost Savings Comments

NQIAC recommendations are not cost-oriented but management and policy oriented.

### What is the approximate Number of recommendations produced by this committee for the life of the committee?

13

### Number of Recommendations Comments

The NQIAC issued one report in FY 2023 that contained four overarching recommendations and nine detailed recommendations. They are listed at <https://www.quantum.gov/nqi-ac-report-on-renewing-the-national-quantum-initiative/>.

### What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?

0%

### % of Recommendations Fully Implemented Comments

N/A

**What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?**

0%

**% of Recommendations Partially Implemented Comments**

N/A

**Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?**

Yes ☐ No ☐ Not Applicable ☒

### **Agency Feedback Comments**

The committee makes recommendations directly to the President. Feedback is not provided from the Agency.

**What other actions has the agency taken as a result of the committee's advice or recommendation?**

Checked if Applies

Reorganized Priorities	<input type="checkbox"/>
Reallocated resources	<input type="checkbox"/>
Issued new regulation	<input type="checkbox"/>
Proposed legislation	<input type="checkbox"/>
Approved grants or other payments	<input type="checkbox"/>
Other	<input type="checkbox"/>

### **Action Comments**

N/A

**Is the Committee engaged in the review of applications for grants?**

No

### **Grant Review Comments**

N/A

**How is access provided to the information for the Committee's documentation?**

Checked if Applies

Contact DFO ☒

Online Agency Web Site  
Online Committee Web Site  
Online GSA FACA Web Site  
Publications  
Other



**Access Comments**

N/A