

2024 Current Fiscal Year Report: Secretary of Energy Advisory Board

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1. Department or Agency

Department of Energy

2. Fiscal Year

2024

3. Committee or Subcommittee

Secretary of Energy Advisory
Board

3b. GSA Committee No.

453

4. Is this New During Fiscal Year? 5. Current Charter 6. Expected Renewal Date 7. Expected Term Date

No 08/26/2024 08/26/2026

8a. Was Terminated During Fiscal Year?

No

8b. Specific Termination Authority

AGENCY

8c. Actual Term Date

9. Agency Recommendation for Next Fiscal Year

Continue

10a. Legislation Req to Terminate?

No

10b. Legislation Pending?

Not Applicable

11. Establishment Authority Agency Authority

12. Specific Establishment Authority

AGENCY Authority

13. Effective Date

11/20/1989

14. Committee Type

Continuing

14c. Presidential?

No

15. Description of Committee Non Scientific Program Advisory Board

16a. Total Number of Reports 2

16b. Report Date Report Title

04/09/2024 Recommendations on Grid Modernization (2024)

04/09/2024 Recommendations on Laboratory Entrepreneurship Ecosystems

Number of Committee Reports Listed: 2

17a. 1 17b. Closed 0 17c. Partially Closed 0 Other Activities 0 17d. Total 1 Open

Meetings and Dates

Purpose	Start	End
Quarterly Meeting	04/09/2024	- 04/09/2024

Number of Committee Meetings Listed: 1

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

20a. How does the Committee accomplish its purpose?

The Secretary of Energy Advisory Board (SEAB) provides advice and recommendations to the Secretary of Energy on the Department's basic and applied research and development activities, economic and national security policy, educational issues, operational issues, and on any other activities and operations of the Department of Energy as the Secretary may direct. Much of its work is conducted through subcommittees/working groups. The objectives of the

subcommittees/working groups are to make recommendations to the parent Board with respect to particular matters related to the responsibilities of the parent Board. Such subcommittees/working groups may not work independently of the Board and must report their recommendations and advice to the full Board for full deliberation and discussion. Subcommittees/working groups have no authority to make decisions on behalf of the chartered Board, nor can they report directly to the Department of Energy.

20b. How does the Committee balance its membership?

SEAB is comprised of recognized private industry experts and individuals from scientific and academic communities, regulatory entities, and stakeholder organizations knowledgeable about the DOE mission. Specific expertise relevant to the mission/function of the Board includes: research and development, policy-making, environmental stewardship, venture capital investment, and strategic planning.

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

The Board meets at least once per year or as frequently as needed to provide timely advice to the Secretary of Energy. Subcommittees/working groups of the Board will meet more frequently to work on specific issues and report their findings and recommendations to the Secretary through the Board. The Board will provide the Secretary of Energy with essential independent external advice on issues of national importance related to the missions of the Department of Energy. The Board met four times in FY 2023.

20d. Why can't the advice or information this

committee provides be obtained elsewhere?

The Board is the only independent external advisory body that was charged with providing high-level advice and recommendations on issues related to the conduct of Department of Energy business and the public interest. The Board is an effective means for the Federal Government, specifically the DOE, to continue obtaining timely, balanced, and expert advice on matters concerning the Department's research, development, and technology activities; energy and national security responsibilities; environmental cleanup activities; energy-related economic activities; and guidance in other activities and operations of the Department at the Secretary's request. There is a compelling need for such advice, both by the Federal Government and by the DOE. The Board offers a wide range of technical knowledge that was not available to the Department through existing advisory committees, public hearings, solicitations of comment from the public, or contractors.

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

Not Applicable.

21. Remarks**Designated Federal Officer**

David Adam Borak Designated Federal Officer

Committee Members	Start	End	Occupation	Member Designation
Allen, Trenton	09/28/2021	11/30/2023	Sustainable Capital Advisors	Representative Member
Bay, Norman	09/28/2021	11/30/2023	Lawyer	Representative Member
Brown, Roxanne	09/28/2021	11/30/2023	United Steel Workers	Representative Member

Creedon, Madelyn	09/28/2021	11/30/2023	Retired	Special Government Employee (SGE) Member
Dabiri, John	09/28/2021	11/30/2023	Professor	Representative Member
Duggan, Kerry	09/28/2021	11/30/2023	Sustainability	Representative Member
Garcia, Bryan	09/28/2021	11/30/2023	Connecticut Green Bank	Representative Member
Giudice, Phillip	09/28/2021	11/30/2023	Other	Special Government Employee (SGE) Member
Gold-Williams, Paula	09/28/2021	11/30/2023	CPS Energy	Representative Member
Gray, Denise	09/28/2021	11/30/2023	Retired	Representative Member
Jackson, Shirley	09/28/2021	11/30/2023	Retired	Special Government Employee (SGE) Member
Majumdar, Arun	09/28/2021	11/30/2023	University dean	Representative Member
Pope, Maria	09/28/2021	11/30/2023	Portland General Electric	Representative Member
Quintero, Adrianna	09/28/2021	11/30/2023	Energy Foundation	Representative Member
Singer, Suzanne	01/31/2023	01/31/2025	Native Renewables	Representative Member
Smith, Christopher	01/31/2023	01/31/2025	Ford	Representative Member

Number of Committee Members Listed: 16

Narrative Description

The Secretary of Energy Advisory Board provides advice and recommendations to the Secretary of Energy on the Administration's energy policies; the Department's basic and applied research and developmental activities, economic and national security policy; and on any other activities and operations of the Department of Energy as the Secretary may direct.

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

Checked if
Applies

Improvements to health or safety



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 checked="" type="checkbox"/>
Improved service delivery	<input checked="" type="checkbox"/>
Increased customer satisfaction	<input checked="" type="checkbox"/>
Implementation of laws or regulatory requirements	<input checked="" type="checkbox"/>
Other	<input checked="" type="checkbox"/>

Outcome Comments

Significant program outcomes associated with the committee are contingent upon the scope of assigned activities and vary from year to year based upon the needs of the Department.

What are the cost savings associated with this committee?

Checked if Applies

None	<input type="checkbox"/>
Unable to Determine	<input checked="" type="checkbox"/>
Under \$100,000	<input type="checkbox"/>
\$100,000 - \$500,000	<input type="checkbox"/>
\$500,001 - \$1,000,000	<input type="checkbox"/>
\$1,000,001 - \$5,000,000	<input type="checkbox"/>
\$5,000,001 - \$10,000,000	<input type="checkbox"/>
Over \$10,000,000	<input type="checkbox"/>
Cost Savings Other	<input type="checkbox"/>

Cost Savings Comments

Currently N/A

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

128

Number of Recommendations Comments

The Department has received a broad spectrum of recommendations and guidance from the SEAB. Specifically, the Department has received over 127 recommendations from the SEAB and its working groups through discrete studies on DOE's funding constructs,

nuclear nonproliferation priorities, high performance computing, DOE's national labs, methane hydrates program, the future of nuclear power, grid deployment, federal emergency management, artificial intelligence, and innovation.

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

75%

% of Recommendations Fully Implemented Comments

The Department has taken significant action to implement related improvements for approximately 75% of the recommendations.

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

20%

% of Recommendations Partially Implemented Comments

The Department continues to explore actions to address approximately 20% of the recommendations including those related to DOE's funding constructs, nuclear nonproliferation priorities, high performance computing, DOE's national labs, methane hydrates program, the future of nuclear power, grid deployment, federal emergency management, artificial intelligence, and innovation.

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 Department provides status updates when applicable at the quarterly meetings. When deemed appropriate, an official response is provided to the Board and posted on the Secretary of Energy Advisory Board website.

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

Checked if Applies

Reorganized Priorities	<input checked="" type="checkbox"/>
Reallocated resources	<input type="checkbox"/>
Issued new regulation	<input type="checkbox"/>
Proposed legislation	<input type="checkbox"/>

Approved grants or other payments

☐

Other

☐

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

Committee information is available from the committees web site, located at

<http://www.energy.gov/seab>