

2012 Current Fiscal Year Report: Efficiency and Renewables Advisory Committee

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1. Department or Agency

Department of Energy

2. Fiscal Year

2012

3. Committee or Subcommittee

Efficiency and Renewables Advisory
Committee

3b. GSA

Committee No.

75257

4. Is this New During Fiscal Year?

No

5. Current Charter

11/01/2010

6. Expected Renewal Date

7. Expected Term Date

08/08/2012

8a. Was Terminated During Fiscal Year?

Yes

8b. Specific Termination Authority

Secretarial Memo

8c. Actual Term Date

08/08/2012

9. Agency Recommendation for Next Fiscal Year

Terminate

10a. Legislation Req to Terminate?

No

10b. Legislation Pending?

11. Establishment Authority

Agency Authority

12. Specific Establishment Authority

Agency

13. Effective Date

10/29/2010

14. Committee Type

Ad hoc

14c. Presidential?

No

15. Description of Committee

Other Committee

16a. Total Number of Reports

1

16b. Report Date

Report Title

Efficiency and Renewables Advisory

04/19/2012 Committee: Progress Report to the

Secretary of Energy

Number of Committee Reports Listed: 1

17a.

2 17b. Closed0 17c. Partially Closed0 Other Activities0 17d. Total2

Meetings and Dates

Purpose

Start

End

Members of the Efficiency and Renewables Advisory Committee (ERAC) convened to consider the formal transmission of the Appliance Standards Subcommittee's Distribution Transformer Working Groups' results to EERE for its rulemaking efforts. The Committee heard from John Cymbalsky of the U.S. Department of Energy's Building Technologies Program, who summarized the activities and results of the transformer working groups over the past five months. A quorum was met and a consensus vote was reached that ERAC formally transmit a resolution with recommendations to the Secretary of Energy that the Notice of Proposed Rulemaking (NOPR) to be published in the Federal Register by February 1, 2012, contain the consensus conservation standards achieved during the negotiated rulemaking efforts. It is important to note that technical and analytical issues had been addressed previously, in several public meetings held by the working groups. Additionally, members of the public and stakeholders will have the opportunity to submit written comments in reaction to the published NOPR.

01/12/2012 - 01/12/2012

The purpose of the meeting was to bring the Committee up to speed regarding several of the Office of Energy Efficiency and Renewable Energy's activities: 1) Better Buildings Challenge, 2) SunShot Initiative, and 3) EERE's impacts. The meeting was also an opportunity for the Committee to finalize the Committee's annual progress report to the Secretary of Energy, from November 2010 through April 2012.

04/18/2012 - 04/19/2012

Number of Committee Meetings Listed: 2

	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	\$31,151.00	\$0.00
18a(4). Personnel Pmts to Non-Member Consultants	\$0.00	\$0.00
18b(1). Travel and Per Diem to Non-Federal Members	\$24,692.00	\$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.)	\$107,332.00	\$0.00
18d. Total	\$163,175.00	\$0.00
19. Federal Staff Support Years (FTE)	0.23	0.00

20a. How does the Committee accomplish its purpose?

To accomplish its purpose, the Efficiency and Renewables Advisory Committee focuses on the following activities, as directed by the U.S. Department of Energy. Periodic reviews of the diverse elements of the Office of Energy Efficiency and Renewable Energy's (EERE) research, development, demonstration, and deployment portfolio including energy efficiency programs (e.g., buildings, industrial, vehicles, etc.), renewable energy programs (e.g., solar, wind, biomass, etc.), and crosscutting activities (e.g., analysis, policy and deployment, work force development). The Committee provides:

- Advice on competing long-range plans, priorities, and strategies to support EERE's mission.
- Advice on appropriate levels of funding to develop those plans, priorities and strategies, to help maintain an appropriate balance between competing elements of the EERE programs.
- Advice on specific issues of concern to DOE as requested by the Secretary of Energy or the Assistant Secretary for EERE.

20b. How does the Committee balance its membership?

Members shall reflect the wide diversity of scientific and technical disciplines and competencies related to the Office of Energy Efficiency and Renewable Energy's research, development, demonstration and deployment portfolio, including energy efficiency programs (e.g. buildings, industrial, vehicles), renewable energy programs (e.g. solar, wind, biomass), and crosscutting activities (e.g. analysis, policy and deployment, workforce development). Members will be drawn from, but not limited to, domestic industry, academia, professional organizations, financial organizations, environmental organizations, and other Federal agencies and laboratories. Members are selected on the basis of established records of distinguished service in their professional community and their knowledge related to energy efficiency and renewable energy. The Department will assess the qualifications and expertise of members to fit its needs and the Committee's focus.

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

The Committee will meet periodically, approximately two times a year.

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

The Efficiency and Renewables Advisory Committee was created to augment the efforts of EERE and ensure EERE/DOE supports the research development and demonstration of transformative energy technologies. Specifically, the Committee was created to provide advice regarding all aspects of EERE's policy and programmatic portfolio. The views and opinions of ERAC's expert and representative members are invaluable to DOE. The knowledge and expertise

of the Committee's members are not available within DOE, and cannot be provided more cost effectively by any other means.

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

N/A

21. Remarks

EERE would like to discontinue ERAC by not renewing its charter. EERE Program Managers have pointed out that EERE's technical programs (i.e., Biomass Program, Buildings Technologies Program, etc.) have various mechanisms in place for getting expert advice on their portfolios and plans – focused workshops with stakeholders, formal requests for information, annual program reviews, and formal and informal industry partnerships. Some of EERE's technical programs such as Biomass and Fuel Cells, have mandated Federal advisory committees that meet regularly. In addition, the National Academy of Sciences is mandated to provide periodic reviews and recommendations for some programs, such as Vehicles and Fuel Cells. Based on this feedback from EERE programs, we believe that continuation of ERAC is no longer relevant to the Committee's mission to provide advice to the Secretary of Energy on the activities of the Office of EERE.

Designated Federal Officer

JoAnn Milliken Senior Advisor, Office of Energy Efficiency and Renewable Energy

Committee Members	Start	End	Occupation	Member Designation
Chiang, Yet-Ming	11/30/2011	08/08/2012	Kyocera Professor, Department of Materials Science and Engineering, Massachusetts Institute of Technology	Representative Member

Edelheit, Lonnie	11/30/2010	08/08/2012	(Retired) Senior Vice President, General Electric Company	Special Government Employee (SGE) Member
Ehrenpreis, Ira	11/30/2011	08/08/2012	General Partner, Technology Partners	Representative Member
Giudice, Philip	11/30/2010	08/08/2012	Commissioner, Massachusetts Department of Energy Resources	Special Government Employee (SGE) Member
Harvey, Hal	11/30/2010	08/08/2012	CEO, ClimateWorks Foundation	Special Government Employee (SGE) Member
Jacobson, Mark	11/30/2010	08/08/2012	Professor of Civil and Environmental Engineering and Director, Atmosphere/Energy Program, Stanford University	Special Government Employee (SGE) Member
Keasling, Jay	11/30/2010	11/30/2012	Hubbard Howe Distinguished Professor, Biochemical Engineering, Departments of Chemical Engineering and Bioengineering, University of California, Berkeley, and CEO, Joint BioEnergy Institute Bill & Melinda Gates	Representative Member
Lazowska, Edward	11/30/2011	08/08/2012	Chair in Computer Science & Engineering, University of Washington	Special Government Employee (SGE) Member
Lester, Richard	11/30/2010	08/08/2012	Japan Steel Industry Professor, Head of the Department of Nuclear Science and Engineering and faculty co-chair and founding Director of the Industrial Performance Center, Massachusetts Institute of Technology	Special Government Employee (SGE) Member
McGinty, Kathleen	11/30/2010	08/08/2012	Senior Vice President and Managing Director, Strategic Growth, Weston Solutions, Inc	Representative Member
Nutter, Michael	11/30/2011	08/08/2012	Mayor of Philadelphia, PA	Representative Member

Prabhakar, Arati	11/30/2010	08/08/2012	Partner, U.S. Venture Partners	Representative Member
Pruss, Stanley	11/30/2010	08/08/2012	Partner, 5 Lakes Energy, LLC	Special Government Employee (SGE) Member
Richter, Burton	11/30/2010	08/08/2012	Paul Pigott Professor in the Physical Sciences, Stanford University and Director Emeritus, Stanford Linear Accelerator Center	Special Government Employee (SGE) Member
Rosenfeld, Arthur	11/30/2010	08/08/2012	Distinguished Scientist Emeritus, Lawrence Berkeley National Laboratory	Special Government Employee (SGE) Member
Sadik-Khan, Janette	11/30/2011	08/08/2012	Commissioner, New York City Department of Transportation	Special Government Employee (SGE) Member
Sanyal, Subir	11/30/2011	08/08/2012	President and Manager of Reservoir Engineering Services, GeothermEx, Inc. (a Schlumberger Company)	Special Government Employee (SGE) Member
Savitz, Maxine	11/30/2010	08/08/2012	(Retired) General Manager, Honeywell/AlliedSignal	Special Government Employee (SGE) Member

Number of Committee Members Listed: 18

Narrative Description

The Committee will be responsible for the overarching topic of EERE Strategy and Management, providing advice on: the EERE strategy; program prioritization and linkages within EERE; staffing and management; engagement outside EERE including other parts of DOE, other governmental agencies, industry, universities, labs, and other stakeholders; and overall EERE leadership. To facilitate the functioning of the Committee, subcommittees may be formed with DOE approval. The objectives of the Subcommittees are to make recommendations to the parent Committee with respect to particular matters related to the responsibilities of the parent Committee. Such Subcommittees or workgroups may not work independently of the chartered Committee and must report their recommendations and advice to the full Committee for full deliberations and discussion.

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

Checked if
Applies

- | | |
|---|-------------------------------------|
| Improvements to health or safety | <input type="checkbox"/> |
| Trust in government | <input 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 | <input type="checkbox"/> |
| Increased customer satisfaction | <input type="checkbox"/> |
| Implementation of laws or regulatory requirements | <input checked="" type="checkbox"/> |
| Other | <input type="checkbox"/> |

Outcome Comments

N/A

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

No cost savings have been determined. On February 10, 2012 DOE published a Federal Register notice containing consensus conservation standards achieved during the Committee's negotiated rulemaking efforts for distribution transformers. The potential benefits are discussed in the Federal Register notice, FR Doc. 2012-2642.

What is the approximate Number of recommendations produced by this committee

for the life of the committee?

1

Number of Recommendations Comments

On January 12, 2012 the members of the Efficiency and Renewables Advisory Committee (ERAC) convened to consider the formal transmission of the Appliance Standards Subcommittee's Distribution Transformer Working Groups' results to EERE for its rulemaking efforts. The Committee heard from John Cymbalsky of the U.S. Department of Energy's Building Technologies Program, who summarized the activities and results of the transformer working groups over the past five months. A quorum was met and a consensus vote was reached that ERAC formally transmit a resolution with recommendations to the Secretary of Energy that the Notice of Proposed Rulemaking (NOPR) to be published in the Federal Register by February 1, 2012, contain the consensus conservation standards achieved during the negotiated rulemaking efforts. It is important to note that technical and analytical issues had been addressed previously, in several public meetings held by the working groups. Additionally, members of the public and stakeholders will have the opportunity to submit written comments in reaction to the published NOPR.

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

100%

% of Recommendations Fully Implemented Comments

The DOE published the distribution transformer conservation standards achieved by consensus in a Notice of Proposed Rulemaking in the Federal Register.

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 - All recommendations have been fully implemented.

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

Yes ☒ No ☐ Not Applicable ☐

Agency Feedback Comments

Feedback is provided at schedule Committee meetings.

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

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	<input checked="" type="checkbox"/>
Online Agency Web Site	<input checked="" type="checkbox"/>
Online Committee Web Site	<input checked="" type="checkbox"/>
Online GSA FACA Web Site	<input checked="" type="checkbox"/>
Publications	<input type="checkbox"/>
Other	<input type="checkbox"/>

Access Comments

Note, the ERAC committee has been terminated as of August 8, 2012.