

2019 Current Fiscal Year Report: NIST Smart Grid Advisory Committee

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1. Department or Agency

Department of Commerce

2. Fiscal Year

2019

3. Committee or Subcommittee

NIST Smart Grid Advisory
Committee

3b. GSA Committee No.

72230

4. Is this New During Fiscal Year?	5. Current Charter	6. Expected Renewal Date	7. Expected Term Date
No	01/18/2018	01/18/2020	09/30/2019

8a. Was Terminated During Fiscal Year?	8b. Specific Termination Authority	8c. Actual Term Date
Yes	EO 13875	09/30/2019

9. Agency Recommendation for Next Fiscal Year	10a. Legislation Req to Terminate?	10b. Legislation Pending?
Terminate	No	Not Applicable

11. Establishment Authority Agency Authority

12. Specific Establishment Authority	13. Effective Date	14. Committee Type	14c. Presidential?
Secretarial Decision Memorandum	10/09/2009	Continuing	No

15. Description of Committee Other Committee

16a. Total Number of Reports 1

16b. Report Date	Report Title
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06/05/2019	NIST Smart Grid Advisory Committee 2019 Report
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Number of Committee Reports Listed: 1

17a. Open	17b. Closed	17c. Partially Closed	Other Activities	17d. Total
2	0	0	0	2

Meetings and Dates

Purpose	Start	End
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The primary purposes of this meeting were to provide updates on the subcommittees' activities and stakeholder engagement for the NIST Framework and Roadmap for Smart Grid Interoperability Standards, Release 4.0. 04/02/2019 - 04/02/2019

The primary purposes of this meeting were to discuss the draft NIST Framework and Roadmap for Smart Grid Interoperability Standards, Release 4.0 and provide updates on NIST Smart Grid activities, and the intersections with Cyber-Physical Systems program activities. 06/04/2019 - 06/05/2019

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	\$70,691.00	\$0.00
18a(4). Personnel Pmts to Non-Member Consultants	\$0.00	\$0.00
18b(1). Travel and Per Diem to Non-Federal Members	\$4,839.00	\$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	\$75,530.00	\$0.00
19. Federal Staff Support Years (FTE)	0.40	0.00

20a. How does the Committee accomplish its purpose?

The Committee provides input to NIST on the Smart Grid Standards, Priority, and Gaps. The

Committee provides input on the overall direction, status and health of the Smart Grid implementation by the Smart Grid industry, including identification of issues and needs. Input to NIST is used to help guide the Smart Grid Interoperability Panel activities and also assists NIST in directing research and standards activities.

20b. How does the Committee balance its membership?

Members reflect the wide diversity of technical disciplines and competencies involved in the Smart Grid deployment and operations, and come from a cross section of organizations. Members are from organizations such as electric utilities, consumers, IT developers and integrators, smart grid equipment manufacturers/vendors, RTOs/ITOs, electricity market operators, electric transportation industry stake holders, standards development organizations, professional societies, research and development organizations and academia.

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

The Committee meets approximately two times per year at the call of the DFO.

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

The Committee was established to advise the Director of the National Institute of Standards and Technology (NIST) in carrying out duties authorized by section 1305 of the Energy Independence and Security Act of 2007 (Pub. L. 110-140).

20e. Why is it necessary to close and/or

partially closed committee meetings?

N/A

21. Remarks

The Committee was terminated based on Executive Order 13875. The costs for subcommittees are included in the budget for the parent committee.

Designated Federal Officer

Christopher Greer Director, Smart Grid and Cyber-Physical Systems Program Office, Engineering Laboratory, NIST

Committee Members	Start	End	Occupation	Member Designation
Centolella, Paul	05/01/2015	09/30/2019	President, Paul Centolella & Associates, LLC	Special Government Employee (SGE) Member
			President and Chief Executive Officer, National Electrical Manufacturers Association	Special Government Employee (SGE) Member
Cosgriff, Kevin	02/01/2017	09/30/2019	Director of Energy Research and Senior Economist, Environmental Defense Fund	Special Government Employee (SGE) Member
			Director, National Security Program Development Office, Pacific Northwest National Laboratory	Special Government Employee (SGE) Member
Fine, James	08/01/2017	09/30/2019	Georgia Power Distinguished Professor of Electrical and Computer Engineering, Georgia Institute of Technology	Special Government Employee (SGE) Member
			Director, Smart Grid Emerging Technology and Operations, Duke Energy	Special Government Employee (SGE) Member
Gracio, Deborah	08/01/2017	09/30/2019	Georgia Power Distinguished Professor of Electrical and Computer Engineering, Georgia Institute of Technology	Special Government Employee (SGE) Member
			Director, Smart Grid Emerging Technology and Operations, Duke Energy	Special Government Employee (SGE) Member
Grijalva, Santiago	08/01/2017	09/30/2019	Georgia Power Distinguished Professor of Electrical and Computer Engineering, Georgia Institute of Technology	Special Government Employee (SGE) Member
			Director, Smart Grid Emerging Technology and Operations, Duke Energy	Special Government Employee (SGE) Member
Handley, Jason	08/01/2017	09/30/2019	Georgia Power Distinguished Professor of Electrical and Computer Engineering, Georgia Institute of Technology	Special Government Employee (SGE) Member
			Director, Smart Grid Emerging Technology and Operations, Duke Energy	Special Government Employee (SGE) Member

Holland, Michael	08/01/2017	09/30/2019	Executive Director, Center for Urban Science & Progress, NYU	Special Government Employee (SGE) Member
Joseph, Janet	08/01/2017	10/30/2018	Vice President for Innovation and Strategy, New York State Energy Research and Development Authority	Special Government Employee (SGE) Member
Kiesling, Lynne	08/01/2017	09/30/2019	Associate Professor, Purdue University	Special Government Employee (SGE) Member
Lee, Audrey	08/01/2017	09/30/2019	Vice President, Grid Services, Sunrun, Inc	Special Government Employee (SGE) Member
McDonald, John	08/01/2017	09/30/2019	SmartGrid Business Dev. Leader North America, GE Grid Solutions	Special Government Employee (SGE) Member
Sanders, Heather	08/01/2017	07/31/2020	Energy Markets Director, Black & Veatch Management Consulting	Special Government Employee (SGE) Member

Number of Committee Members Listed: 12

Narrative Description

The Committee provides input to NIST on Smart Grid Standards, Priorities and Gaps and on the overall direction, status, and health of Smart Grid implementation by industry, including identification of issues and needs. Input to NIST is used to help guide smart grid sector outreach and technical coordination activities and also assist NIST in directing research and standards activities.

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

Checked if
Applies

Improvements to health or safety
Trust in government

☐
☐

- | | |
|---|-------------------------------------|
| Major policy changes | <input 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 type="checkbox"/> |
| Other | <input type="checkbox"/> |

Outcome Comments

Not Applicable

What are the cost savings associated with this committee?

Checked if Applies

- | | |
|----------------------------|-------------------------------------|
| None | <input checked="" type="checkbox"/> |
| Unable to Determine | <input 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

Not Applicable

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

24

Number of Recommendations Comments

There was one recommendation in FY2019.

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 agency has fully implemented all of the recommendations from the Committee.

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 agency has provided feedback to the Committee on the implementation status of the recommendations through 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 checked="" type="checkbox"/>
Reallocated resources	<input checked="" 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

Not Applicable

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

No

Grant Review Comments

Not Applicable

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

Not Applicable