

## 2005 Current Fiscal Year Report: American Statistical Association Committee on Energy Statistics

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### 1. Department or Agency

Department of Energy

### 2. Fiscal Year

2005

### 3. Committee or Subcommittee

American Statistical Association Committee  
on Energy Statistics

### 3b. GSA

### Committee

### No.

82

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

No

### 5. Current Charter

10/27/2004

### 6. Expected Renewal Date

10/27/2006

### 7. Expected Term Date

03/24/2005

### 8a. Was Terminated During FiscalYear?

Yes

### 8b. Specific Termination Authority

### 8c. Actual Term Date

03/24/2005

### 9. Agency Recommendation for Next FiscalYear

Terminate

### 10a. Legislation Req to Terminate?

No

### 10b. Legislation Pending?

### 11. Establishment Authority

Agency Authority

### 12. Specific Establishment Authority

Agency Memorandum

### 13. Effective Date

09/18/1984

### 14. Committee Type

Continuing

### 14c. Presidential?

No

### 15. Description of Committee

Scientific Technical Program  
Advisory Board

### 16a. Total Number of Reports

No Reports for  
this FiscalYear

### 17a.

Open

1 17b. Closed0 17c. Partially Closed0 Other Activities0 17d. Total 1

### Meetings and Dates

#### Purpose

General Meeting

#### Start

10/28/2004

#### End

- 10/29/2004

Number of Committee Meetings Listed: 1

	Current FY	Next 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>	\$18,400.00	\$18,400.00
<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>	\$14,500.00	\$14,500.00
<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>	\$19,300.00	\$19,300.00
<b>18d. Total</b>	\$52,200.00	\$52,200.00
<b>19. Federal Staff Support Years (FTE)</b>	0.30	0.30

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

The Committee on Energy Statistics was a utilized committee of the American Statistical Association. The Committee consisted of highly qualified statisticians and economists in energy and energy-related fields. It provided a breadth of knowledge and experience necessary to furnish qualified and balanced advice to the Administrator

and staff of the Energy Information Administration (EIA). Due to changes in policy for utilized committees in the Department, the American Statistical Association Committee on Energy Statistics has been terminated as a committee under the Federal Advisory Committee Act. The Committee provided advice in such areas as EIA's convergence experiments with and extending the forecasting horizon of the National Energy Modeling System, analysis of strategies for reducing multiple emissions from power plants, estimating natural gas production data, implementing significant survey redesigns, discussing a survey of steam-only facilities using biomass feedstocks, agency performance measures, collecting data on alternative fueled vehicles, future options for measuring consumption by energy-use sector, clarification of small area/imputation technique, and information quality. Additional topics included EIA's weekly natural gas storage survey, managing the Agency's human capital, the quality of natural gas data, managing risk in energy markets, discussing the redesign of the Commercial Buildings Energy Consumption Survey, the current status and issues related to developing the System for the Analysis of Global Energy Markets (SAGE), implementing the new electric power data system, discussing the Energy Situation Analysis Report, information quality guidelines, and improving the quality of annual nonutility data.

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

The Committee was composed of approximately 14 members, with experience in energy-related statistical and economic problems and methodologies. The Committee was balanced in terms of representing the points of view of users of

EIA information. Specifically, committee members included statisticians, economists, officials of energy research organizations, Federal and State government statisticians, and university professors. This mix was intended to reflect a balance of technical skills, and a breadth of experience and points of view.

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

The Committee on Energy Statistics met with the EIA twice a year, in the Spring and the Fall. This allowed for the timely review and discussion of the statistical aspect of the EIA programs. It also allowed the Committee to keep abreast of statistical developments in the EIA. Because statistical problems often had complex solutions that required considerable time to implement, more frequent meetings would not be beneficial. The twice-yearly meetings provided continuity, allowing topics discussed at one meeting to be discussed at the next meeting when needed.

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

Statistical issues related to energy information collection, quality, and analysis are numerous and complex. The statistical experience and skills of the committee members must be of the highest caliber and must provide statistical insight into a broad range of areas, including energy modeling, energy information collection and support, and the structure and functioning of energy markets. Such specific skills and perspective is not available within the Department or any existing Federal advisory committee, and cannot be independently provided by a single consultant.

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

## **partially closed committee meetings?**

N/A

### **21. Remarks**

William I. Weinig, Program Manager Subjects covered in the American Statistical Association meetings with the Energy Information Administration included such areas as using data from combined heat and power plants to estimate industrial natural gas prices, managing risk in energy markets, State level coal forecasting, estimating monthly data for non-utility generation and fuel consumption from an annual and a monthly related time series, estimating and presenting power sector fuel use in EIA publications and analyses, attributes of EIA's "enhanced" Voluntary Reporting of Greenhouse Gases Program, organization and delivery of energy information in a spatially referenced form, and a paper by a Committee guest, former Committee member and previous EIA Administrator titled, "ASA Committee on Energy Statistics Contributions to EIA." Additional topics and discussion included EIA's survey quality effort: where is EIA going? (in three parts): an overview of EIA's survey quality initiatives, survey quality efforts of EIA's Office of Coal, Nuclear, Electric and Alternate Fuels, and survey quality via Performance-Based Service Contracting. Other sessions included discussion of the new law on data confidentiality and EIA's response, a presentation by a Committee guest on an alternative natural gas production estimation procedure, discussion of EIA's (Draft) Electricity Transmission Study, redesign of the EIA-906, Power Plant Report, and using data from combined heat and power plants to estimate natural gas industrial prices.

## Designated Federal Officer

### Nancy J. Kirkendall Designated Federal Officer

Committee Members	Start	End	Occupation	Member Designation
Bernstein, Mark	10/01/2003	03/24/2005	RAND Corporation	Representative Member
Blair, Johnny	10/01/2003	03/24/2005	University of Maryland	Representative Member
Breidt, Jay	10/01/2003	03/24/2005	Colorado State University	Representative Member
Burton, Mark	10/01/2003	03/24/2005	Marshall University	Representative Member
Crawford, Carol	10/01/2003	03/24/2005	Centers for Disease Control and Prevention	Representative Member
Edmonds, Jae	10/01/2003	03/24/2005	Pacific Northwest National Laboratory	Representative Member
Feder, Moshe	10/01/2003	03/24/2005	Research Triangle Institute	Representative Member
Hammitt, James	10/01/2003	03/24/2005	Harvard University	Representative Member
Hengartner, Nicolas	10/01/2003	03/24/2005	Yale University	Representative Member
Kent, Calvin	10/01/2003	03/24/2005	Marshall University	Representative Member
Khanna, Neha	10/01/2003	03/24/2005	Binghamton University	Representative Member
Linkletter, Crystal	10/01/2003	03/24/2005	Simon Fraser University	Representative Member
Moss, William	10/01/2003	03/24/2005	The Battelle Group	Representative Member
Neerchal, Nagaraj	10/01/2003	03/24/2005	University of Maryland Baltimore County	Representative Member
Phipps, Polly	10/01/2003	03/24/2005	Washington State Institute for Public Policy	Representative Member
Sitter, Randy	10/01/2003	03/24/2005	Simon Fraser University	Representative Member

**Number of Committee Members Listed: 16**

## Narrative Description

The American Statistical Association Committee on Energy Statistics is no longer a Federal advisory committee as of 3/24/2005.

**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 checked="" type="checkbox"/>
Major policy changes	<input type="checkbox"/>
Advance in scientific research	<input checked="" type="checkbox"/>
Effective grant making	<input type="checkbox"/>
Improved service delivery	<input checked="" type="checkbox"/>
Increased customer satisfaction	<input checked="" type="checkbox"/>
Implementation of laws or regulatory requirements	<input type="checkbox"/>
Other	<input type="checkbox"/>

**Outcome Comments**

NA

**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**

NA

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

45

**Number of Recommendations Comments**

NA

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

60%

**% of Recommendations Fully Implemented Comments**

NA

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

30%

**% of Recommendations Partially Implemented Comments**

NA

**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 provides feedback using a meeting summary and EIA's Home Page ([www.eia.doe.gov](http://www.eia.doe.gov)) under Energy Events, Summary of Advice from the ASA Committee on Energy Statistics.

**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**

NA

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

No



**Grant Review Comments**

NA

**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 type="checkbox"/>
Publications	<input checked="" type="checkbox"/>
Other	<input type="checkbox"/>

**Access Comments**

NA