

# ERAC Update

U.S. DEPARTMENT OF  
**ENERGY**

Energy Efficiency &  
Renewable Energy



**Efficiency and Renewables Advisory Committee**

June 7, 2011  
Washington, DC

**JoAnn Milliken**

Designated Federal Officer

- Charter updated and filed on April 12, 2011
  - Name change from Energy Efficiency and Renewable Energy Advisory Committee to Efficiency and Renewables Advisory Committee
- 21 ERAC members and 6 Subcommittee Only Members
- Four Subcommittees formed
  - Appliance Standards Subcommittee
  - Electricity Subcommittee
  - Program Design for Impact Subcommittee
  - Transportation Subcommittee
- Held two FY11 meetings and have a third planned for September

*The Efficiency and Renewables Advisory Committee (ERAC) is a discretionary advisory committee formed under the authority of the U.S. Department of Energy (DOE) to ensure the Office of Energy Efficiency and Renewable Energy (EERE) continues focus on transformative research that allows technological innovations to move quickly into the marketplace.*



# ERAC “Class of 2011”

## ERAC (Full Committee)

- Chaired by Dr. Arati Prabhakar and Dr. Lonnie Edelheit
- Members include 19 other accomplished individuals with diverse scientific and technical backgrounds related to EE, RE, and crosscutting activities:

### Row 1

Dr. Yet-Ming Chiang  
Hon. Vernon Ehlers  
Mr. Ira Ehrenpreis  
Mr. Philip Giudice  
Mr. Hal Harvey  
Dr. Mark Jacobson

### Row 2

Dr. Jay Keasling  
Dr. Neal Lane  
Dr. Ed Lazowska  
Dr. Richard Lester  
Ms. Kathleen McGinty  
Hon. Michael Nutter

### Row 3

Mr. Stanley Pruss  
Dr. Burton Richter  
Dr. Arthur Rosenfeld  
Ms. Janette Sadik-Khan  
Dr. Subir Sanyal  
Dr. Maxine Savitz  
Mr. Mark Stoering



Full biographies may be found online at [www.erac.energy.gov](http://www.erac.energy.gov)

## ERAC Subcommittees

- Members of the Full Committee are encouraged to participate in the Subcommittees (**18 of 21** have Subcommittee role)
  - Each Subcommittee is chaired by a member of the Full Committee
- Six Subcommittee Only Members
  - Accomplished individuals selected by ERAC and Subcommittee chairs:

Mr. Steven Nadel, Dr. James Hill, Mr. John Mandyck, Kelley Kline, Mr. John Jimison, and Dr. David Hungerford

**All belong to the Appliance Standards Subcommittee**



## Appliance Standards

Streamline and improve DOE’s negotiated rulemaking process for appliance standards. This subcommittee will engage key stakeholders to address central issues of upcoming standards.

Chairs	Art Rosenfeld and Maxine Savitz
Members	Jim Hill, David Hungerford, John Jimison, Kelley Kline, John Mandyck, and Steve Nadel
Other Contributors	Hal Harvey
Ex Officio Members	Lonnie Edelheit and Arati Prabhakar
DOE POCs	John Cymbalsky, Roland Risser, and Robert Van Buskirk

## Program Design for Impact

Evaluate EERE’s management strategies to maximize the likelihood of EERE programs achieving impact at scale. This subcommittee will start by working with one or two specific EERE efforts to examine and advise on program implementation.

Chair	Richard Lester
Members	Ira Ehrenpreis, Philip Giudice, and Burton Richter
Other Contributors	Hal Harvey, Mark Jacobson, and Stanley Pruss
Ex Officio Members	Lonnie Edelheit and Arati Prabhakar
DOE POCs	Jamie Link and JoAnn Milliken

## Electricity

Improve EERE’s efforts addressing electricity demand (e.g., building efficiency, EVs, and manufacturing) and encourages RE sources and corresponding transmission. This subcommittee will coordinate with DOE’s Office of Electricity and its Advisory Committee (EAC) and address EERE collaborations with the Federal Energy Regulatory Commission, the Bureau of Land Management, and the International Organization for Standardization.

Chair	Katie McGinty
Members	Yet-Ming Chiang, Philip Giudice, Mark Jacobson, Stanley Pruss, Subir Sanyal, and Mark Stoering
Other Contributors	Ira Ehrenpreis and Art Rosenfeld
Ex Officio Members	Lonnie Edelheit and Arati Prabhakar
DOE POCs	Steve Chalk and Rachel Tronstein

## Transportation

Improve EERE’s efforts in the transportation system as a whole. This subcommittee will focus on efforts of EERE’s Vehicles, Hydrogen and Fuel Cells, and Biomass Programs and their collaboration with Department of Transportation, Department of Housing and Urban Development, Environmental Protection Agency, and other agencies.

Chairs	Hal Harvey and Janette Sadik-Khan
Members	Yet-Ming Chiang, Jay Keasling, and Edward Lazowska
Other Contributors	Mark Jacobson
Ex Officio Members	Lonnie Edelheit and Arati Prabhakar
DOE POCs	Austin Brown and Patrick Davis

## November 30, 2010

- Inaugural meeting at DOE Headquarters (Washington, D.C.)
- 100 percent member participation; ~50 public attendees
- Focused on overview of EERE's strategies for research, development, demonstration and deployment of EE and RE technologies
- Post-Meeting: Chairs and EERE senior management framed Committee and Subcommittee scope and structure

## March 2-3, 2011

- Held at Capitol Skyline Hotel (Washington, D.C.)
- 17 of 21 members participated; 21 public attendees
- Hon. Vernon Ehlers introduced as newest member
- Continued EERE strategy discussion with specific questions for ERAC to consider
- Discussed and approved the formation of the four Subcommittees
- Post-Meeting: Subcommittees have started gearing up

## Next Meeting

San Mateo, CA – September 22-23, 2011

- Closed Subcommittee Meetings on September 22<sup>nd</sup>
- Open Full Committee Meeting on September 23<sup>rd</sup>

Agenda and Federal Register notice being drafted

To RSVP, e-mail [ERAC@ee.doe.gov](mailto:ERAC@ee.doe.gov) with your name



[www.erac.energy.gov](http://www.erac.energy.gov)

JoAnn Milliken, ERAC Designated Federal Officer

202-586-2480

JoAnn.Milliken@ee.doe.gov



Subscribe to  
ERAC News  
updates

ERAC offers periodic e-mail updates related to its activities. The content of the e-mails may relate to the following:

- Meeting/event notification
- New member notification
- Subcommittee actions
- ERAC reports and publications
- Any other news related to ERAC

Register at [www.erac.energy.gov](http://www.erac.energy.gov)