

2014 ACEEE SUMMER STUDY ON ENERGY EFFICIENCY IN BUILDINGS

The Next Generation: Reaching for High Energy Savings

CO-CHAIRS: Patrick Hughes, Oak Ridge National Laboratory; Sila Kiliccote, Lawrence Berkeley National Laboratory

Preliminary Program at a Glance

TIME	SUNDAY AUGUST 17	MONDAY AUGUST 18	TUESDAY AUGUST 19	WEDNESDAY AUGUST 20	THURSDAY AUGUST 21	FRIDAY AUGUST 22
7:30 am - 8:30 am		Breakfast	Breakfast	Breakfast	Breakfast	Breakfast
8:30 am - 10:00 am		Panel Sessions	Panel Sessions	Panel Sessions	Panel Sessions	Panel Sessions
10:00 am - 10:30 am		Break	Break	Break	Break	Break
10:30 am - 12:00 pm		Panel Sessions	Panel Sessions	Panel Sessions	Panel Sessions	Panel Sessions
12:00 pm - 12:45 pm		Lunch Group A	Lunch Group A	Lunch Group A	Lunch Group A	Lunch Group A
12:45 pm - 1:30 pm		Lunch Group B	Lunch Group B	Lunch Group B	Lunch Group B	Lunch Group B
2:00 pm - 4:00 pm	Registration & Reception at 3:00 pm	Informal Sessions	Informal Sessions	No Activities Planned 1:00 pm - 6:00 pm	Informal Sessions	End of Summer Study
4:00 pm - 6:00 pm			Posters/Displays		Posters/Displays	
6:00 pm - 7:00 pm	Dinner	Dinner	Dinner	Dinner	Dinner	
7:30 pm - 9:00 pm	Plenary Session	Plenary Session	Plenary Session	Social Event at Aquarium	Closing Dance Party	
9:00 pm - 11:00 pm	Hospitality	Hospitality	Hospitality			

The schedule for sessions will be regularly updated at: <http://aceee.org/conferences/2014/ssb>

PANEL 1

Residential Buildings: Technologies, Design, Operations, Performance, and Building Industry Trends

Panel Leaders: Michael Gestwick, *National Renewable Energy Laboratory* and Roderick Jackson, *Oak Ridge National Laboratory*

PANEL 2

Residential Buildings: Program Design, Implementation, and Evaluation

Panel Leaders: Valerie Richardson, *DNV GL* and Tory Weber, *Southern California Edison Company*

PANEL 3

Commercial Buildings: Technologies, Design, Operations, Performance, and Building Industry Trends

Panel Leaders: Srinivas Katipamula, *Pacific Northwest National Laboratory* and Clay Nesler, *Johnson Controls, Inc.*

PANEL 4

Commercial Buildings: Program Design, Implementation, and Evaluation

Panel Leaders: Tom Giffin, *Leidos* and Peter Turnbull, *Pacific Gas & Electric Company*

PANEL 5

Utilities: Unlocking High Energy Savings

Panel Leaders: Rafael Friedmann, *Pacific Gas & Electric Company* and Rich Hackner, *GDS Associates*

PANEL 6

Market Transformation with Speed and Scale

Panel Leaders: Tony Abate, *New York Energy Research and Development Authority* and Chad Bulman, *CB&I*

PANEL 7

Capturing Savings through Behavior

Panel Leaders: Emily Bailard, *OPOWER* and Lisa Heschong, *TRC Solutions*

PANEL 8

Policy and Regulatory Issues in Energy Efficiency and Climate Change

Panel Leaders: Peter du Pont, *Nexant Asia Limited* and Stacey Paradis, *Midwest Energy Efficiency Alliance*

PANEL 9

Miscellaneous Electric Loads (MELs): Taming the Beast

Panel Leaders: Louis-Benoit Desroches, *Lawrence Berkeley National Laboratory* and Gregg Hardy

PANEL 10

Resilient, Sustainable Communities: New Urban Strategies

Panel Leaders: Laura Heery Prozes, *Brookwood Group* and Meli Stylianou, *Natural Resources Canada*

PANEL 11

Leveraging High Tech for High Efficiency

Panel Leaders: Larry Brackney, *National Renewable Energy Laboratory* and Greg Wikler, *Navigant*

PANEL 12

Display Presentations

Panel Leaders: Kristen Parrish, *Arizona State University*

2014 FUNDERS

PLATINUM:

Pacific Gas & Electric Company

GOLD:

CLEAResult

DNV GL

National Grid

Northeast Utilities

NYSEERDA

U.S. Environmental Protection Agency

U.S. Green Building Council

United Technologies

SILVER:

Columbia Gas of Ohio

Conservation Services Group

Energy Trust of Oregon

Franklin Energy

Johnson Controls

Northwest Energy Efficiency Alliance

BRONZE:

APPRISE

CB&I

ComEd

Copper Development Association

Elevate Energy

Gas Technology Institute

Intel

Navigant

Research Into Action

TRC Solutions

Vermont Energy Investment Corporation

ORGANIZING COMMITTEE

Patrick Hughes (Co-Chair)

Oak Ridge National Laboratory

Sila Kiliccote (Co-Chair)

Lawrence Berkeley National Laboratory

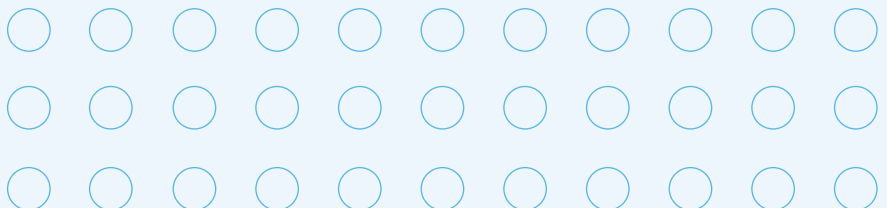
Rebecca Lunetta, Glee Murray,

Steve Nadel, Lynn Pyle, and

Mallory Werthamer

American Council for an

Energy-Efficient Economy



Registration for the 2014 Summer Study is limited and will be available on a first-come, first-served basis. All fees must accompany this form in order to register. NO registration will be held without full payment. **NOTE: All speakers must register and pay the registration fee.**

NAME (please print legibly)			COMPANY	
ADDRESS			WORK PHONE	CELL PHONE
ADDRESS			FAX	
CITY	STATE/PROVINCE	ZIP/POSTAL CODE	COUNTRY	E-MAIL ADDRESS

Do you want vegetarian meals? Yes No Do you have special dietary needs? _____

Will you be presenting a Paper or a Display? If so, paper/display ID# _____ Panel # _____

REGISTRATION CATEGORY	EARLY BIRD until 6/16/14	REGULAR 6/17/14 - 7/16/14	LATE beginning 7/17/14	Amount Due
Full Conference: includes access to all sessions, hospitalities, and the Monterey Bay Aquarium event on Wednesday, August 20. Registrant will receive badge and one conference packet including the program and CD-Rom of 2014 proceedings.	\$910	\$1,010	\$1,210	\$ _____
Full Conference - Student: A limited number of registrations are available for college/university full-time students. To qualify, registrant must include a transcript indicating current enrollment in at least 12 credit hours per semester as well as a valid student ID. If accepted, applicant will receive the same benefits as a full conference registrant.	\$510	\$560	N/A	\$ _____
One-Day Registration: - includes sessions and reception/hospitality events per day. Monterey Bay Aquarium event tickets are included with full conference registrations only. Tickets can be purchased below. Registrant will receive one conference packet regardless of the number of days attending. Please check off which day(s) you are attending. <input type="checkbox"/> Mon <input type="checkbox"/> Tues <input type="checkbox"/> Wed <input type="checkbox"/> Thurs <input type="checkbox"/> Fri	\$510 (plus \$250 for each additional day)	\$610 (plus \$250 for each additional day)	\$710 (plus \$250 for each additional day)	\$ _____
Aquarium Event - Additional Ticket Wednesday evening, August 20 One ticket is included with all full registrations. This registration option is meant for one-day Wednesday or full conference registrants wanting to purchase additional guest tickets.	Adult - \$80 Child (2-12 yrs) \$50	Adult - \$80 Child (2-12 yrs) \$50	Adult - \$80 Child (2-12 yrs) \$50	\$ _____ \$ _____
Summer Study Jacket: <input type="checkbox"/> Small <input type="checkbox"/> Med <input type="checkbox"/> Large <input type="checkbox"/> XL <input type="checkbox"/> XXL \$50 x _____	\$50 each	\$50 each	\$50 each	\$ _____
Wire Transfer Fee (if applicable)	\$25 US \$35 International	\$25 US \$35 International	\$25 US \$35 International	\$ _____ \$ _____
TOTAL AMOUNT ENCLOSED (Please note that all fees are due with this form.)				\$ _____

Group Registrations: Groups registering ten (10) or more will receive a 25% discount off the **regular** registration rate. Group registrations must be submitted together.

Rotations/Sharing: ACEEE no longer offers the option of rotations or sharing registrations. The minimal registration option available is a one-day rate.

To Register: Go to: <http://aceee.org/conferences/2014/ssb/registration> to register online and receive an e-mail confirmation -or- simply fill out this registration form and mail or fax it to: Lynn Pyle, ACEEE Conferences, PO Box 7588, Newark, DE 19714-7588; Fax: 302.292.3965; E-mail: aceeeconf@aceee.org; Phone: 302-737-1084.

Housing Instructions: Make your full-week reservations with Asilomar by filling out the "Asilomar Housing Form" found on the ACEEE website at: <http://aceee.org/conferences2014/ssb/accommodations>. A limited number of rooms are being held for single-night accommodations. The housing form can be faxed to Asilomar with a credit card payment or mailed in with a check.

Cancellation and Refund Policy: Registration refund requests due to cancellation must be submitted in writing and received no later than July 25, 2014. A \$150 processing fee will be charged. Cancellation refunds will not be processed after the July 25 deadline. Refunds will be paid by check or credit card chargebacks.

PAYMENT INFORMATION (Full payment must accompany this form.)

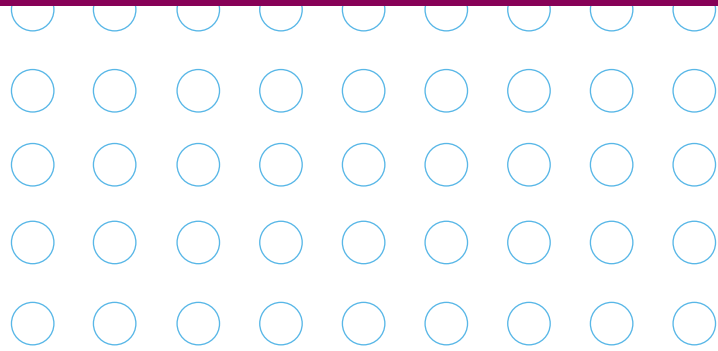
- I am enclosing a check for the total amount due, made payable to ACEEE 2014 Summer Study.
- I am enclosing a purchase order for the total amount due.
- I will pay by wire transfer and understand that there is an additional fee.
- I authorize the American Council for an Energy-Efficient Economy to charge my 2014 Summer Study fees to my VISA, AMEX, or MASTERCARD account.

I understand that my fees will include a \$200 late fee if I register after July 16, 2014, and/or a \$150 cancellation fee if I cancel my registration.

Cardholder's Name	Signature
Account Number	Expiration date



529 14th Street, N.W., Suite 600
Washington, D.C. 20045



2014 ACEEE Summer Study on Energy Efficiency in Buildings

August 17-22, 2014

Asilomar Conference Center

Pacific Grove, California

Who Should Attend?

Individuals interested in promoting energy efficiency in buildings through innovative technologies, programs, and policies are encouraged to attend. Past participants included representatives from industries and utilities; architects; builders; financial and insurance professionals involved with buildings; clean-tech investors; manufacturers of building products, appliances, and equipment; building owners and operators; engineers; local, state, and federal agency personnel; energy researchers; and consultants. Participants will find the unique blend of formal presentations and opportunities for informal meetings invaluable.

Early Bird Registration Deadline: June 16, 2014

Regular Registration Deadline: July 16, 2014

2014 ACEEE SUMMER STUDY ON ENERGY EFFICIENCY IN BUILDINGS

The Next Generation: Reaching for High Energy Savings

The 2014 ACEEE Summer Study is the 18th biennial ACEEE conference on Energy Efficiency in Buildings. A diverse group of professionals from around the world will gather at this preeminent meeting to discuss the technological basis for, and practical implementation of, actions to reduce energy use and the climate impacts associated with buildings. Presentations and discussions will relate to the theme, "The Next Generation: Reaching for High Energy Savings." Advancements in information technology, communications, sensors, controls, and social media are changing the technology landscape in many industries and beginning to spill over into buildings. The digitization of data and access to tools to convert them into actionable information in real-time provide a huge opportunity to overcome the fragmentation of the buildings industry and accelerate sustainability and energy efficiency activities and developments. The investigation of not only building-scale but community-scale programs, integrated government and utility programs, codes and standards, technologies, integrated design processes, operation practices, financing sources, behavioral factors, and workforce development needs will require the integration and utilization of information technology to meet a variety of objectives for buildings industry stakeholders over the duration of a building's lifetime. The main challenge remains to develop, implement, and maintain systems that foster innovation for both legacy buildings and new construction. Come to the 2014 Summer Study with your ideas, experiences, and vision to move beyond incremental impact to The Next Generation: Reaching for High Energy Savings.

The conference promotes interaction among participants through a balance of structured and unstructured sessions. Refereed papers are presented in the mornings, informal and display sessions in the afternoons, and plenary sessions in the evenings.