

MAY 20-21, 2013 | WALTER E. WASHINGTON CONVENTION CENTER PROGRAM GUIDE



Welcome to EE Global 2013!

We gather at a seminal moment in the pursuit of greater global energy efficiency. And, the dialogue around energy efficiency is changing rapidly as there is more widespread and robust understanding and appreciation for the central role that efficiency has in growing economies and prosperity.

We have reached a point where doubling energy productivity by 2030 is a realistic, if bold, goal. And, what would the world look like if we are able to double energy productivity by the year 2030? In the U.S. the impacts have "wow factor" appeal. The nation would save \$324 billion a year; families would see annual savings of \$1,041; energy imports would fall to only 7% of consumption; 1.3 million new jobs would be created; GDP would grow by 2% per annum; and all of this growth and prosperity would be achieved even while CO2 emissions fall to a level 1/3 below the 2005 baseline.

We have organized the agenda and included speakers to provide important discussion and direction around the three strategies that we believe must be employed to achieve greater energy productivity: investment, modernization and education. Through the help and support of our International Steering Committee, our Board, our EE Global sponsors and our staff, we believe that our two day event is unprecedented in its scope and unparalleled in its caliber.

Our hope is that the insights, learning, partnerships and decisions reached at EE Global will provide a solid foundation for encouraging and allowing all nations to achieve this important energy productivity goal -- a goal which was articulated by the Alliance and its National Commission on Energy Efficiency Policy and which was embraced by President Obama for the U.S.

On behalf of the Board and staff of the Alliance to Save Energy, thank you for joining us for EE Global, the premier gathering of the world's energy efficiency experts, innovators, thought and opinion leaders, policy makers and business executives.

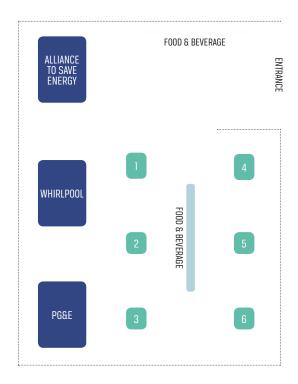
I hope you are inspired by our program and our speakers!

Kateri Callahan

President, Alliance to Save Energy

NETWORK IN THE CONNECTIONS CLUB

The EE Global Connections Club provides a great place to network with attendees, check-in with the office, or just unwind in-between sessions. The Connections Club features lounges hosted by Whirlpool Corporation, Pacific Gas & Electric Company and the Alliance to Save Energy and café seating hosted by Golin Harris (6), Opower (4), Platts Energy Week (3), Schneider Electric (1), U.S. Department of Energy (5), and U.S. Green Building Council (2). A host of networking opportunities will be held in the Club, including a Strolling Luncheon on Monday from 1:00 pm - 2:30 pm and a Welcome Reception, sponsored by Whirlpool Corporation, on Monday from 5:30 - 7:30 pm.



WI-FI AVAILABILITY

Complimentary Wi-Fi service is available to all attendees. To access Wi-Fi, connect to the "EEGlobal2013" network using the access code "EEGlobal2013".

MOBILE APP

Download the EE Global app at mobile.eeglobalforum.org to read sponsor profiles, contact fellow attendees and stay abreast of the latest news.

TWITTER

Follow #EEGlobal and @ToSaveEnergy to keep up with EE Global discussions and get up-to-the-minute updates.

Without the extraordinary generosity of the companies and organizations listed below, EE Global would not be able to provide you with the tools and conference activities planned to help you meet new people and grow your business. Our sincere thanks and appreciation go to:

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AGENDA: MONDAY, MAY 20

EXECUTIVE DIALOGUE SESSIONS ON THE NEXT GENERATION OF EE:

STAKEHOLDER ENGAGEMENT & EDUCATION: TECHNOLOGIES: INVESTMENT: INFRASTRUCTURE & DEPLOYMENT

MONDAY, MAY 20						
8:00am - 10:00am	NETWORKING BREAKFAST IN CONNECTIONS CLUB				Salon C	
10:00am - 11:30am	OPENING PLENARY SESSION Next Generation of EE: Driving Productivity through Investment, Modernization, and Education MODERATOR: Kateri Callahan, President, Alliance to Save Energy KEYNOTE SPEAKER: Jeff M. Fettig, Chairman and CEO, Whirlpool Corporation THOUGHT LEADERS: Helen Burt, Senior Vice President and Chief Customer Officer, Pacific Gas & Electric Company John Mandyck, Chief Sustainability Officer, United Technologies Climate, Controls & Security Jeff Drees, Executive Vice President, Professional Services Division, Schneider Electric Ambassador Carlos Pascual, Special Envoy and Coordinator for International Energy Affairs, U.S. Department of State				Salon AB	
11:30am - 11:45am	BREAK IN CONNECTIONS CLUB			Salon C		
11:45am - 1:00pm	STAKEHOLDER ENGAGEMENT & EDUCATION ROOM 103B	TECHNOLOGIES ROOM 103A	INVESTMENT ROOM 102	INFRASTRUCTURE & DEPLOYMENT ROOM 101		
	1A ENGAGING CHAMPIONS: How do we drive effective policy and regulation through stakeholder engagement and education? MODERATOR Kate Offringa, President, North American Insulation Manufacturers Association SPEAKERS Governor Bill Ritter, Director, Center for the New Energy Economy at Colorado State University Susan Stratton, Executive Director, Northwest Energy Efficiency Alliance Lisa Jacobson, President, Business Council for Sustainable Energy Mark Brunner, Senior Advisor for National Security and Energy, Office of Senator Mark Warner	TBI BUDGET BATTLES: How do you increase focus on energy efficiency during investment decision-making processes? MODERATOR Kateri Callahan, President, Alliance to Save Energy SPEAKERS Peter Welch (D - Vt.), Congressman, U.S. House of Representatives Peter Sweatman, CEO and Founder, Climate Strategy Paul Camuti, Senior Vice President, Innovation and Chief Technology Officer, Ingersoll Rand Roger M. Natsuhara, Principal Deputy Assistant Secretary of the Navy (Installations and Environment), Department of the Navy Roger Flanagan, Director Energy Solutions, Lockheed Martin	IC DEVELOPING INTEREST: How do you make emerging markets in the developing world a profitable option for companies, big and small? MODERATOR David Rodgers, Senior Energy Specialist, Climate and Chemicals, Global Environment Facility (GEF) SPEAKERS Samuel Tumiwa, Deputy Regional Director, North American Regional Office, Asian Development Bank Dr. Robert F. Ichord, Jr., Deputy Assistant Secretary, Bureau of Energy Resources, U.S. Department of State Eric Kumi Antwi-Agyei, Refrigerator Energy Efficiency Project, Ghanaian Energy Commission Barry Bredenkamp, Senior Manager, South African National Energy Development Institute	ID OUTSMAI OUTAGE: In the face of grodemand and a clemate, what is ordered in ensuring oreliability? MODERATOR Roger Duncan, Street Project SPEAKERS John Norris, Confederal Energy Regult Hank Courtrigh President for Global Sexternal Relations, Ele Research Institute Lisa Wood, Execution Madej, Senior Chief Customer Office	owing nanging efficiency's grid Chairman, Pecan missioner, atory Commission t, Senior Vice trategy & ectric Power utive Director, IEE evice President,	
1:00pm - 2:30pm	STROLLING LUNCHEON IN CON	NECTIONS CLUB			Salon C	

Salon C



AGENDA: MONDAY, MAY 20

EXECUTIVE DIALOGUE SESSIONS ON THE NEXT GENERATION OF EE:

STAKEHOLDER ENGAGEMENT & EDUCATION: TECHNOLOGIES: INVESTMENT: INFRASTRUCTURE & DEPLOYMENT

MONDAY, MAY 20	MONDAY, MAY 20 : CONTINUED					
2:30pm - 3:45pm	STAKEHOLDER ENGAGEMENT & EDUCATION ROOM 103B	TECHNOLOGIES ROOM 103A	INVESTMENT ROOM 102	INFRASTRUCTURE & DEPLOYMENT ROOM 101		
				H2O-PTIMIZE:		
	2A STRIKING A CHORD:	2B JEVONS' BOOMERANG:	2C THE KEY TO EE:	20 1120-71111122		
	What are the best examples of standard harmonization for nations to emulate and at what point is one needed?	Is the rebound effect real? If so, is the effect negative or positive?	How do we unlock capital to overcome first cost barriers?	What policies and programs are needed to improve the efficiency of water infrastructure and optimize functionality across sectors?		
	MODERATOR Roland Risser, Building Technologies Program Manager, U.S. Department of Energy	MODERATOR Sue Tierney, Managing Principal, Analysis Group	MODERATOR Dr. Tom Rowlands-Rees, Head of Energy Efficiency, Bloomberg New Energy Finance	MODERATOR Betsy Otto, Aqueduct Director, World Resources Institute		
	SPEAKERS John Cockburn, Director, Equipment Division, Office of Energy Efficiency, Natural Resources Canada	SPEAKERS Robin Roy, Director, Building Energy and Clean Energy Strategy, Natural Resources Defense Council	SPEAKERS Markus van der Burg, Managing Director, Conning Asset Management Limited	SPEAKERS Dr. Holmes Hummell, Senior Advisor, Office of the Undersecretary for Energy, U.S. Department of Energy		
	Jennifer Kim, Energy Specialist at Energy Efficiency Standardization & Certification Center, KEMCO	Larry Dale, Energy Efficiency Standards Group, Lawrence Berkley National Laboratory	Brad Copithorne, Financial Policy Director of US Climate and Energy Program, Environmental Defense Fund	Kelly Kryc, Water and Power Advisor, Bureau of Energy Resources, U.S. Department of State		
	Evan Gaddis, President, National Electrical Manufacturers Association (NEMA)	Steve Cowell, Chairman and CEO, Conservation Services Group	Amit Bando, Executive Director, International Partnership for Energy Efficiency Cooperation	Dr. Lilia Abron, Founder and President, PEER Consultants		
	Stephen Pantano, Sr. Director of Global Programs, Collaborative Labeling & Appliance Standards Program (CLASP)					
3:45pm - 4:15pm	BREAK IN CONNECTIONS CLUB			Salon C		
4:15pm - 5:30pm	3A DEFINING SUCCESS:	3B ELEVATING STANDARDS:	3C GETTING BIG ENOUGH TO MATTER:	3D SEEING BEYOND THE NOW:		
	Is the UN's "Year of Sustainable Energy for All" campaign effectively driving towards its goals for 2030?	How do you make voluntary programs that are effective in driving new and better technology?	How much aggregation is needed to best attract equity and investments?	What are the interrelationships among utility investment in energy efficiency programs, demand response programs, utility rates, emerging technologies, and renewable energy?		
	MODERATOR Mark Hopkins, Director of International Energy Efficiency, United Nations Foundation	MODERATOR Admiral Dennis McGinn, President, American Council on Renewable Energy	MODERATOR Thomas Dreessen, CEO, EEPIC Ltd.	MODERATOR Robert Wilkins, VP Public Affairs, Danfoss		
	SPEAKERS Wolfgang Mostert, Consultant to the Danish Ministry of Foreign Affairs on the EE-Hub under SE4All	SPEAKERS Beth Craig, Director, Climate Protection Partnerships Division, U.S. Environmental Protection Agency	SPEAKERS Bruce Ray, Director of Governmental and Regulatory Affairs, Johns Manville	SPEAKERS Paul Tonko (D - NY), Congressman, U.S. House of Representatives		
	Dr. Ashok Sarkar, Senior Energy Specialist, World Bank	Keith Cook, Vice President, Technology Policy & Standards, Philips Lighting	Dr. Nelson Sam, Managing Director, Global Head, Advisory Services - Energy and Commodities, Thomson Reuters Kyung-Ah Park, Managing Director and Head of Environmental Markets Group, Goldman Sachs Jeff Eckel, President & CEO, Hannon Armstrong Sustainable Infrastructure	Francis J. Murray Jr, President & CEO, NYSERDA		
	Dr. Naif Al-Abbadi, Director General, Saudi Energy Efficiency Center Martin Hiller, Director General, REEEP	Roger Platt, Senior Vice President, Global Policy and Law, U.S. Green Building Council Jürgen Sturm, Secretary General, Global Lighting Association		Omar Siddiqui, Director, Energy Utilization, Electric Power Research Institute		
				Mike Rowand, Advanced Customer Technologies, Duke Energy		
		Jeff Noel, Corporate Vice President, Communications and Public Affairs, Whirlpool Corporation		Ed White, Vice President, Customer & Business Strategy, National Grid		
5:30pm - 7:30pm	WELCOME RECEPTION IN CON	NECTIONS CLUB		Salon C		

AGENDA: TUESDAY, MAY 21

EXECUTIVE DIALOGUE SESSIONS ON THE NEXT GENERATION OF EE: STAKEHOLDER ENGAGEMENT & EDUCATION: BUILDINGS: LEADERSHIP: CONSUMERS

TUESDAY, MAY 2	1				
9:00am - 10:30am	Meeting the Next Generation of MODERATOR: Kateri C. KEYNOTE SPEAKER: Honorab THOUGHT LEADERS: Roger D Dr. Anan Secretar Markell's Heinz Du	of Climate Challenges: Identifying E allahan, President, Alliance to Save E le Ray Mabus, United States Secreta uncan, Chairman, Pecan Street Proje d Patwardhan, Professor, School of y Collin O'Mara, Secretary of the Env	Energy ry of the Navy, United States Navy ect Public Policy, University of Marylan vironment and Energy, Delaware Go I, Institute for Energy Efficiency in P.	d, College Park vernor Jack	
0:30am - 11:00am	BREAK IN CONNECTIONS CLU	JB		Salon C	
11:00am - 12:15pm	STAKEHOLDER ENGAGEMENT & EDUCATION	BUILDINGS	LEADERSHIP	CONSUMERS	
	ROOM 103B	ROOM 103A	ROOM 102	ROOM 101	
	4A REGIONAL ROLE-	4B STICKER SHOCK:	4C LEADING BY EXAMPLE:	4D PLUGGING IN TO CONSUMERS:	
	What can be learned from organizations working to implement EE at the state and local level?	Can building labeling programs transform the market?	How do governments around the world drive efficiency through their own operations?	How do you impact behavior thelp individuals become more energy efficient?	
	MODERATOR Ed Miller, Program Director, Environment, Joyce Foundation	MODERATOR David Goldstein, Energy Program Director, Natural Resources Defense Council	MODERATOR Bobi Garrett, Deputy Laboratory Director, Strategic Programs and Partnerships, National Renewable Energy Laboratory	MODERATOR Sheril Kirshenbaum, Director, UT Austin Energy Poll	
	SPEAKERS Susan Coakley, Executive Director, NEEP Jay Wrobel, Executive Director,	Paul Hamilton, Vice President Government Affairs, Schneider Electric Carol Eicher, Group Business Vice President Day Buildings &	SPEAKERS Jon Powers, Federal Environmental Executive, White House Council on Environmental Quality	SPEAKERS Danielle Sass-Byrnett, Director, Better Buildings Neighborhood Program, U.S. Department of Energy	
	Mandy Mahoney, President,		Dr. Abdullah Al Shehri, Governor of the Electricity and Co- Generation Authority (Saudi Arabia)	Erwin Furukawa, Senior Vice President of Customer Service, Southern California Edison	
	SEEA Doug Lewin, Executive Director, SPEER		Michael Geissler, CEO, Berlin Energy Agency	Chuck Wilson, Program Director Small Town Energy Program for University Park (STEP-UP)	
	Elizabeth McDonald, President/CEO, CEEA		Jonathan Jutsen, Chairman, Australian Alliance to Save Energy		
			Laura Oleson, Director of Policy, Natural Resources Canada		
12:15pm - 1:45pm	EE VISIONARY AWARDS LUNCHEON Honoring the Next Generation of EE Advancements OPENING KEYNOTE: Honorable Mark Warner, Senator (D - Va.), U.S. Senate				
	AWARD WINNERS EDUCATION: Dr. Kandeh Yumkella, Director-General, United Nations Industrial Development Organization				
	MODERNIZATION: City of S	(accepted by Ambassador Stephen Halloway, Special Advisor, UNIDO) City of Suzhou, China (accepted by Barbara Finamore, Co-Founder and President, China-U.S.			
	Energy Efficiency Alliance) INVESTMENT: Heinz Duerr, Chairman of the Advisory Board, Institute for Energy Efficiency in Production (EEP)				

AGENDA: TUESDAY, MAY 21

EXECUTIVE DIALOGUE SESSIONS ON THE NEXT GENERATION OF EE:

STAKEHOLDER ENGAGEMENT & EDUCATION: BUILDINGS: LEADERSHIP: CONSUMERS

TUESDAY, MAY 21: CONTINUED 1:45pm - 3:00pm STAKEHOLDER **BUILDINGS LEADERSHIP** CONSUMERS **ENGAGEMENT & EDUCATION ROOM 103B** ROOM 103A **SOUP TO NUTS & CITIES OF** TOP OF THE HEAP: 5B **BOLTS: TOMORROW:** How do we improve the eco-How do you incorporate energy How do you get to be the most How do you ensure consumers' efficiency of supply chains from efficiency into urban planning? energy efficient economy in the privacy while empowering behavioral change through top to bottom? world?

MODERATOR

Clay Nesler, Vice President, Global Energy & Sustainability, Johnson Controls, Inc.

SPEAKERS

Jigar Shaw, Executive Director, Institute for Industrial Productivity

Andre de Fontaine, Advanced Manufacturing Office, U.S. Department of Energy

Terry Yosie, CEO, World Environment Center

Jim Stanway, Senior Director, Global Supplier Initiatives, Walmart

Michelle VanderMeer, Senior Director, North American Logistics, Whirlpool Corporation

MODERATOR

Anthony Eggert, Executive Director, The Policy Institute for Energy, Environment and the Economy, UC Davis

SPEAKERS

Richard Kidd, Deputy Assistant Secretary of the Army (Energy & Sustainability, US Army)

Christopher B. Leinberger, President, LOCUS

Michael Melaniphy, President, American Public Transportation Association

Trisha Miller, Senior Advisor, Office of Sustainable Housing and Communities, U.S. Department of Housing and Urban Development

MODERATOR

Barbara Finamore, Senior Attorney and Asia Director, Natural Resources Defense Council

SPEAKERS

Dr. Nawal al-Hosany, Director of Sustainability, Masdar

Odon de Buen, Director General, National Commission for the Efficient Use of Energy

Gabrielle Kuiper, Senior Adviser, Climate Change, Energy and Environment, Office of the Australian

Dominic Marcellino, Fellow, Ecologic Institute

transparency? **MODERATOR**

Patricia Hoffman, Assistant Secretary, Electricity Delivery & Energy Reliability, U.S. Department of Energy

THE DISCLOSURE

CONUNDRUM:

SPEAKERS

Monisha Shah, Deputy Associate Director for Energy and Climate Change, Green Button Initiative

Rich Sedano, Principal, Director of US Programs, The Regulatory Assistance Project (RAP)

Helen Burt, Senior Vice President and Chief Customer Officer, PG&E

Michael Sachse, Vice President Regulatory Affairs & General Counsel,

3:00pm - 3:30pm

BREAK IN CONNECTIONS CLUB

Salon C

3:30pm - 5:30pm

INTENSIVE LEARNING SESSIONS

SHARING GLOBAL **EXPERIENCES FOR** LARGE-SCALE ENERGY-**EFFICIENT LIGHTING** MARKET TRANSFORMATION **PROGRAMS**

ORGANIZED BY World Bank **ROOM 103B**

ENERGY 2030: DOUBLING U.S. ENERGY PRODUCTIVITY

ORGANIZED BY Alliance to Save Energy **ROOM 103A**

1 BILLION M2: HOW DO WE JUMP-START NET ENERGY **POSITIVE RESIDENTIAL BUILDINGS IN EMERGING MARKETS?**

ORGANIZED BY REEEP and GBPN **ROOM 102**

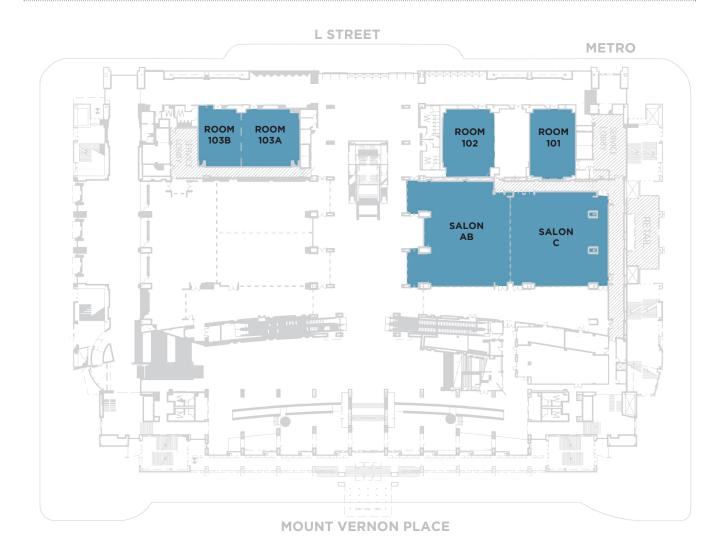
POLICY FRAMEWORKS FOR ENERGY-EFFICIENT POWER SYSTEMS

ORGANIZED BY IPEEC and CEM **ROOM 101**

6:00pm - 7:30pm

ENERGY 2030 RECEPTION





AGENDA AT A GLANCE

	TIME	ACTIVITY	ROOM
	8:00 am - 10:00 am	Networking Breakfast	Salon C - Connections Club
A 20¥	10:00 am - 11:30 am	Opening Plenary Session	Salon AB
	11:30 am - 11:45 am	Break	Salon C - Connections Club
	11:45 am - 1:00 pm	Executive Dialogue Sessions 1A, 1B, 1C, 1D	Rooms 103B, 103A, 102, 101
MONDAY MAY 20	1:00 pm - 2:30 pm	Strolling Luncheon	Salon C - Connections Club
ΣΣ	2:30 pm - 3:45 pm	Executive Dialogue Sessions 2A, 2B, 2C, 2D	Rooms 103B, 103A, 102, 101
	3:45 pm - 4:15 pm	Break	Salon C - Connections Club
	4:15 pm - 5:30 pm	Executive Dialogue Sessions 3A, 3B, 3C, 3D	Rooms 103B, 103A, 102, 101
	5:30 pm - 7:30 pm	Welcome Reception	Salon C - Connections Club
	9:00 am - 10:30 am	Morning Plenary Session	Salon AB
	10:30 pm - 11:00 am	Break	Salon C - Connections Club
>_	11:00 am - 12:15 pm	Executive Dialogue Sessions 4A, 4B, 4C, 4D	Rooms 103B, 103A, 102, 101
TUESDA MAY 21	12:15 pm - 1:45 pm	EE Visionary Awards Luncheon	Salon AB
	1:45 pm - 3:00 pm	Executive Dialogue Sessions 5A, 5B, 5C, 5D	Rooms 103B, 103A, 102, 101
	3:00 pm - 3:30 pm	Break	Salon C - Connections Club
	3:30 pm - 5:30 pm	Intensive Learning Sessions	Rooms 103B, 103A, 102, 101
	6:00 pm - 7:30 pm	Energy 2030 Reception	Hart Senate Office Bldg. 902