

SUSTAINABLE ENERGY COALITION

MARK YOUR CALENDAR AND PLAN TO ATTEND!!

13th Annual Congressional Renewable Energy & Energy Efficiency EXPO + Forum

Efficiency + Renewables = Green Jobs!

Thursday - May 27; 9:30 am - 4:30 pm; Cannon House Office Building - Caucus Room

WHAT

In cooperation with Members of the U.S. House of Representatives and U.S. Senate Renewable Energy & Energy Efficiency Caucuses - and in partnership with the House Sustainable Energy & Environment Coalition, House High Performance Building Caucus, House Algae Energy Caucus, House Hydropower Caucus, House Green Jobs Caucus, House Hydrogen & Fuel Cell Caucus, and House Green Schools Caucus - the Sustainable Energy Coalition is hosting the day-long *Thirteenth Annual Congressional Renewable Energy & Energy Efficiency EXPO + Forum*.

This year's EXPO will bring together 55+ businesses, sustainable energy industry trade associations, government agencies, and energy policy research organizations (see list-to-date on back) to showcase the status and near-term potential of the cross-section of renewable energy (biofuels/biomass, geothermal, solar, water, wind), fuel cells, hydrogen, energy storage, smart-grid, and energy efficiency technologies (e.g., lighting, appliances, vehicles, buildings, CHP).

WHEN

Thursday - May 27, 2010

9:30 am - 4:30 pm (exhibits open for viewing)

9:35 am - 10:55 am (morning speakers - see list on back)

11:00 am - 12:00 pm (news conference w. Members of Congress - see list below)

12:00 pm - 1:00 pm (Executive Branch speakers - see list below)

1:10 pm - 4:15 pm (panel discussions - see list on back)

WHERE

Cannon House Office Building - Caucus Room (3rd floor)

U.S. House of Representatives

Independence Avenue and New Jersey Avenue SE; Washington, DC

WHO

CONGRESSIONAL SPEAKERS

Rep. Chris Van Hollen
Rep. Vern Ehlers
Rep. Roscoe Bartlett
Rep. Gabrielle Giffords

Rep. Jay Inslee
Rep. Steve Israel
Rep. Ben R. Lujan
Rep. Cathy McMorris Rodgers

Rep. Paul D. Tonko
Rep. Peter Welch

(Members listed above are likely speakers. Others to be announced.)

(Members interested in speaking should contact Bill Parsons (Rep. Van Hollen) at 225-5341 or Julia Jester (Rep. Ehlers) at 225-3831.)

EXECUTIVE BRANCH SPEAKERS

Philip D. Moeller, Commissioner - Federal Energy Regulatory Commission

Jane Oates, Department of Labor Assistant Secretary for the Employment & Training Administration

Matt Rogers, Senior Advisor to the Secretary for Recovery Act Implementation, U.S. Department of Energy

Heather Zichal, Deputy Assistant to the President for Energy and Climate Change

FOR MORE INFORMATION

Contact Ken Bossong; Sustainable Energy Coalition* 301-270-6477 x.11; kbossong614@yahoo.com

The EXPO is free, open to the public, and no RSVPs are required. Please invite others!

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*Founded in 1992, the Sustainable Energy Coalition (6930 Carroll Avenue, #340; Takoma Park, MD 20912) is a coalition of 28 national business, environmental, and energy policy organizations supporting aggressive development of renewable energy and energy efficient technologies.

MORNING SPEAKERS

(9:35 am - 10:55 am; House Veterans Affairs Committee Room - 340 Cannon)

Moderator:

Carol Werner, Ex. Dir. - Environmental & Energy Study Institute
Scott Sklar, President - The Stella Group, Ltd.

9:35 am - 9:40 am

Todd Foley - American Council On Renewable Energy

9:40 am - 9:45 am

Jackie Prince Roberts, Environmental Defense Fund

9:45 am - 9:50 am

Bill Shank, Founder/VP Sales, Energy Transitions

9:50 am - 9:55 am

Maria Vargas, ENERGY STAR, U.S. EPA

9:55 am - 10:00 am

Dan Delurey - Demand Response & Smart Grid Coalition

10:00 am - 10:05 am

Don Moore, CEO - Harmonics Limited, Inc.

10:05 am - 10:10 am

Barry Carr, East Coast Representative - THINK

10:10 am - 10:15 am

Bob Rose - Breakthrough Technologies Institute

10:15 am - 10:20 am

John Cooper - Skyline Solar

10:20 am - 10:25 am

Gia Schneider, CEO - Natel Energy

10:25 am - 10:30 am

Debbie Montagna - Ocean Power Technologies, Inc.

10:30 am - 10:35 am

Adam Halsband, American Biogas Council

10:35 am - 10:40 am

Melissa VanOrnum, Marketing Manager - GHD, Inc.

10:40 am - 10:45 am

Jack Rogers, Biofuels Marketing Mgr, Americas - Novozymes

10:45 am - 10:50 am

Chris Voell, Prog. Mgr.-AgSTAR, Climate Change Div, USEPA

10:50 am - 10:55 am

AFTERNOON PANEL DISCUSSIONS

(1:10 pm - 4:15 pm; House Veterans Affairs Committee Room - 340 Cannon)

Moderator:

Carol Werner, Ex. Dir. - Environmental & Energy Study Institute

Panel on Green Jobs + Sustainable Energy

1:10 pm - 1:50 pm

1.) Karl Gawell, Executive Director - Geothermal Energy Association

2.) Linda Church Ciocci, Executive Director - National Hydropower Association

3.) Lisa Jacobson, Executive Director - Business Council for Sustainable Energy

Panel on Living Sustainably

1:55 pm - 2:35 pm

1.) Ryan M. Colker, Director of the Consultative Council, National Institute of Building Sciences

2.) Chelsea Jenkins, Executive Director - Virginia Clean Cities

3.) Karen Florini, Environmental Defense Fund

Panel on Solar Technologies

2:40 pm - 3:30 pm

1.) Rhone Resch, Executive Director - Solar Energy Industries Association

2.) Tony Clifford, CEO - Standard Solar

3.) Jeff Wolfe, CEO - GroSolar

4.) Eric G. Huffman, Business Development Manager - Eastern Region, SunOptics

Panel on New Storage, Transmission & Related Electric Technologies

3:35 pm - 4:15 pm

1.) Ruth Cox, Executive Director, US Fuel Cell Council

2.) Robert P. Thornton, Executive Director, International District Energy Association

3.) Katherine Hamilton, President - GridWise Alliance

CONFIRMED EXHIBITORS

3M - Renewable Energy Division

Abengoa Solar

American Council On Renewable Energy

AFC First

American Biogas Council

Beacon Power

Biomass Coordinating Council

Business Council for Sustainable Energy

California Fuel Cell Partnership

Capstone Turbine Corporation

COMPETE Coalition

Demand Response & Smart Grid Coalition

Dow Kokam

Dow Solar Solutions

Ecobuild America

Energy Transitions

Enervation Lighting

Environmental & Energy Study Institute

Environmental Defense Fund

Frostburg State Univ.- Renewable Energy Ctr.

Fuel Cells 2000

Geothermal Energy Association

GHD, Inc.

GridWise Alliance

Growth Energy

Harmonics Limited

Ice Energy

International District Energy Association

Microcell Corporation

Natel Energy

National Biodiesel Board

National Hydrogen Association

National Hydropower Association

National Institute of Building Sciences

National Renewable Energy Laboratory

NewTek Energy Solutions

Novozymes North America, Inc.

Ocean Power Technologies, Inc.

Ocean Renewable Energy Coalition

Renewable Fuels Association

SAGE Electrochromics, Inc.

Shadowstone, Inc.

Skyline Solar

Solar Energy Industries Association

Standard Solar

SunOptics Prismatic Skylights

Sunpeak USA Inc.

The Stella Group, Ltd.

THINK North America

U.S. Clean Heat & Power Association

U.S. DOE - Clean Cities

U.S. DOE - Efficiency & Renewables

U.S. EPA - AGSTAR

U.S. EPA - Center for Program Analysis

U.S. EPA - ENERGY STAR Program

U.S. EPA - E3 Initiative

U.S. Fuel Cell Council

U.S. Green Energy Corporation

Water Management, Inc..

Did You Know? The U.S. Department of Commerce reports that green manufacturing now accounts for between 200,000 and 240,000 jobs while green services jobs were much higher, and totaled between 1.4 million and 1.8 million.

Did You Know? The solar industry now employs 46,000 U.S. workers and supports an additional 33,000 jobs in other sectors while the American wind industry employs approximately 85,000 people.

Did You Know? The ongoing production of alcohol fuels, construction of new capacity, and R&D supported nearly 400,000 jobs in all sectors of the economy during 2009.

Did You Know? The U.S. hydropower industry currently employs approximately 300,000 people; and the direct, indirect and induced employment created by new geothermal projects is estimated to be 29,750 permanent jobs.

Did You Know? America's economy has tripled in size since 1970 and three-quarters of the energy needed to fuel that growth came from energy efficiency advances – yet, much more can still be done. The economies of Japan and several European countries are about 50% more energy-efficient than the U.S.

Did You Know? In 2009, the National Academies found that accelerated deployment of cost-effective technologies in buildings could cut energy use 25-30% by 2030; other studies have found the energy-savings potential to be even higher.

Did You Know? If the U.S. reaches DOE's target of 20% of U.S. energy demand achieved with combined heat & power, it would save an estimated 5.3 quadrillion BTUs of fuel annually (equivalent to half of all U.S. household energy).

Did You Know? The smart grid could save \$638 - \$802 billion over 20 years, producing an overall benefit-to-cost ratio of 4:1 to 5:1 and could reduce carbon dioxide emissions by up to 25%.

Did You Know? According to the Energy Information Administration, in 2009 renewable energy sources (biofuels, biomass, geothermal, solar, water, wind) provided 10.7% of domestic U.S. energy production and 10.5% of net U.S. electrical generation.

Did You Know? Geothermal energy grew 26% in 2009 and there are 188 geothermal projects now underway in 15 states which could bring total U.S. geothermal capacity to over 10,000 MW of baseload power.

Did You Know? Overall U.S. solar electric capacity increased by 37% in 2009 and the total utility-scale pipeline (across all solar technologies) reached 17,000 MW, enough to power 3.4 million homes.

Did You Know? The U.S. wind energy industry expanded capacity by 39% and installed over 10,000 MW of new generating capacity in 2009 - enough to power the equivalent of 2.4 million homes - to reach a cumulative 35,000 MW.

Did You Know? Biomass has 7,000 MW of installed electricity generating capacity in the U.S. while more than 12 billion gallons of ethanol and other biofuels - equal to 3.4% of transportation fuels - are projected to be produced this year.

Did You Know? Current U.S. hydropower capacity totals 100,000 MW and by 2025 the industry could add another 60,000 MW while the global capacity of emerging hydrokinetic and ocean energy technologies could exceed 25,000 MW.

Did You Know? Almost 25,000 fuel cell units were shipped in 2009; they can reduce CO2 emissions 20-40% for natural gas combined heat & power systems (up to 100% w. renewable fuel); 30% for residential systems; over 50% from cars.

Did You Know? Hydrogen is a national industry, with production plants within 60 miles of every major U.S. city that are producing 20+ billion kilograms of hydrogen - the energy equivalent of 491 million barrels of oil.

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