
National Capital Area Chapter

United States Association for

Energy Economics

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news

Toward A Lower Carbon Energy Future: Technology, Economics and Policy

Presented by: Your NCAC Program Committee for the 2007 Annual Conference

- WHEN:** ALL day Friday, April 20, 2007, beginning at 0830, ending with reception at 1715
- WHERE:** SAIS Kenney Auditorium, 1740 Massachusetts Avenue, NW (DuPont metro)
- PRICE:** Prepay \$130 for NCAC members, \$150 for non-members, \$25 Students (lunch fee only, free student admission). Mail check (payable to NCAC/USAEE) to Mark Lively, 19012 High Point Drive, Gaithersburg, MD 20879 no later than April 14.
- PROGRAM:** Attached at the end of this newsletter

News from the March 16, 2007 Luncheon Meeting

The guest speaker at the March NCAC luncheon was Lucian Pugliaresi, President of the Energy Policy Research Foundation (EPRINC). His presentation, entitled "Presidential Briefing," was an overview of recent political and energy trends in Russia through a hypothetical briefing of President Putin by senior presidential staff. The staff outlined Russia's strategic position in the world, the challenges ahead, and by doing so presented a policy conclusion seeking greater control of Russia's energy resources to meet these challenges.

Mr. Pugliaresi views developments in Russia somewhat differently than the conventional wisdom. His view is that Russia's leadership, even in this period of high energy prices, sees its position in the world as highly vulnerable. The driver behind this conclusion is the demographic crisis of rapidly falling population of Russians of European descent.

Mr. Pugliaresi's thesis is that Russia views China's rapidly growing population, economic dynamism, and military strength as a long term threat to Moscow's territorial position in the Far East. Many Russians actually believe that it is only a matter of time until the Chinese take over part of Russia. Along Russia's southern tier the briefing pointed to rising Muslim populations and the necessity to undertake adequate and strong measures to ensure that Russia has adequate leverage to resist this particular threatening trend.

Combined with democratic movements on Russia's western frontier, greater U.S. involvement in Caucasus, Central Asia, and Eastern Europe, the briefing saw Russia as both besieged and vulnerable, with the only realistic point of leverage being Russia's valuable energy resources. Although the trend of greater state control over Russia's energy resources is evident, there still remains room for private sector participation in Russia's energy industries.

Upcoming Lunch Speakers, Always Third Friday at Library of Congress, 12:00

- May 18** Dr. Lawrence E. Jones, AREVA T&D Inc., speaking on "Africa's Energy Sector: Investment Opportunities, Sustainability and Energy Security." Dr. Jones holds a Ph.D. in electrical engineering from the Royal Institute of Technology in Stockholm.
- June 15** Zia Haq, DOE, Office of the Biomass Program, speaking on "Future Feedstocks for Biofuels & Market-Changing Technology." Mr. Haq holds a Master of Science in chemical engineering from the Johns Hopkins University.

Student Scholarships

NCAC will provide travel and hotel scholarships of \$500 each for up to three students to participate in the USAEE conference in Houston, September 16 – 19, 2007. To qualify for the NCAC scholarship, send a letter by August 1 to Michael Canes (mcanes@lmi.org) (1) stating that you were a student NCAC member for 2006 and 2007; (2) showing you have applied for and received the student waiver of the conference fee; and (3) describing your interests in energy economics. To the extent that more than three students apply for the scholarship, the council shall use the description of interest to select among the applicants or may decide to award additional scholarships.

Continue to dues page and April 20 Conference Program

2007 MEMBERSHIP RENEWAL/REGISTRATION FORM

National Capital Area Chapter U.S. Association for Energy Economics

Please check here for membership renewal.

Please check here for new membership registration.

Membership registration/renewal for the NCAC-USAE is expected by the end of the preceding calendar year.

Please return your registration form and check to **Mark Lively** — NCAC-USAE Treasurer at:
Utility Economic Engineers, 19012 High Point Dr., Gaithersburg, MD 20879.
Phone: 301-428-3618. Email: MbeLively@comcast.net

Full membership dues for 2007 are \$20.00 (students \$10.00). Please make checks payable to NCAC-USAE.

Please print clearly.

NAME

TITLE

ORGANIZATION

MAILING ADDRESS *

TELEPHONE NUMBER

FAX NUMBER

E-MAIL ADDRESS **

Would you be interested in becoming more involved in NCAC-USAE by serving on the Council or as an officer of the Chapter? Yes ___ No ___

Please list topics or speakers you would be interested in:

* For DOE, please provide complete routing address.

** Provide the **best e-mail address** to receive the newsletter.

Eleventh Annual Washington Energy Policy Conference

Toward a Lower Carbon Energy Future: Technology, Economics and Policy

**The Annual Energy Policy Conference of the
National Capital Area Chapter, U.S. Association for Energy Economics**

Cosponsored by:

**The Johns Hopkins University, International Energy and Environment
Program, Paul H. Nitze School of Advanced International Studies (SAIS)
and The U.S. Association for Energy Economics (USAEE)**

Friday, April 20, 2007

SAIS Kenney Auditorium, 1740 Massachusetts Avenue, NW

The recently-released Fourth Assessment Report of the Intergovernmental Panel on Climate Change asserts that the warming of the earth's climate is unequivocal, and is driven largely by human activities. There are many indications that public support is growing for some kind of mandatory federal limits on CO₂, the principal greenhouse gas:

- Several industry associations, led by the Edison Electric Institute, are now supporting federal action to reduce greenhouse gas emissions.
- At least five bills are circulating in Congress proposing GHG regulation, and the new leadership in both the House and Senate have expressed strong support for action.
- Governors of five Western states have announced their intention to deploy a cap-and-trade program to reduce GHG emissions (following earlier announcement of similar action proposed by the New England states and New York).
- The proposed buyout of TXU Corp., the large Texas utility, by private equity firms was accompanied by a side deal with leading environmental groups leading to an announced cutback in plans for new coal-fired power plants, from 11 to 3, reflecting concern about the environmental viability of the earlier plans.

The development of lower and zero-carbon energy technologies will be critical to successful strategies to deal with global warming. So also will be carbon capture and storage. This year's Washington Energy Policy Conference will survey the prospects for new technologies and their costs. We will also discuss the likely effects, both intended and unintended, of proposed federal policies to reduce GHG emissions.

Toward a Lower Carbon Energy Future: Technology, Economics and Policy

Friday, April 20, 2007

**Kenney Auditorium, Nitze School of Advanced International Studies
Johns Hopkins University, 1740 Massachusetts Avenue, NW**

Cost: \$130 for NCAC members; \$150.00 for non-members; Students \$25

8:30 AM	Registration	12:30 PM	Lunch
9:00 AM	Welcoming Remarks Maureen Crandall <i>President, NCAC-USAAEE</i> Wil Kohl <i>Johns Hopkins IEEP</i> Keynote Address “Present & Future Technologies and the Urgency of Controlling Carbon Emissions” Prof. Robert H. Socolow <i>Princeton University</i>	1:30 PM	Congressman Rick Boucher, <i>Chair, House Subcommittee on Energy and Air Quality (invited)</i> Outlook in Congress for Reducing GHG Emissions
9:45 AM	Reducing Carbon Emissions in Electric Power: Coal & Nuclear Bryan Hannegan <i>VP Environment, EPRI</i> Overview of Power Sector Carbon Emissions & Reduction Scenarios Mick Wallace <i>Pres., Constellation Generation</i> Outlook for Nuclear Power Jared Ciferno DOE/NETL Coal: Outlook for Carbon Capture From Pulverized Coal Plants and Integrated Gasification Combined Cycle (IGCC)	2:15 PM	Reducing Carbon Emissions from Transportation David Greene (invited) <i>Oak Ridge National Laboratory</i> Advanced vehicle technologies and fuel efficiency Michael Wang <i>Argonne National Laboratory</i> Biofuels, the carbon reduction benefits of ethanol and biodiesel.
11:15 AM	Coffee	3:15 PM	Coffee
11:30 PM	Renewable Power Generation Solar Power: Bill Rever, BP Solar Wind Power: Karl Rabago, AES Corporation	3:30 PM	Policy Options Howard Gruenspecht, EIA Summary of costs and benefits of carbon mitigation proposals in Congress Commentators: Billy Pizer, RFF Cap and Trade Policies David Hawkins, NRDC Carbon sequestration and other Veronique Bugnion, Point Carbon European Union Trading Market
		5:15 PM	Reception

Conference Sponsorship:

The **National Capital Area Chapter (NCAC)** is one of the most active chapters of the **U.S. Association for Energy Economics**. The NCAC sponsors a series of monthly luncheons focusing on topical energy economic and policy issues and is the primary sponsor of the annual **Washington Energy Policy Conference**.

The **Paul H. Nitze School of Advanced International Studies (SAIS)** is a graduate division of the **Johns Hopkins University**, offering advanced degrees in international affairs. This conference is co-sponsored by the International Energy and Environment Program of SAIS.

The **U.S. Association for Energy Economics**, is the largest affiliate of the **International Association for Energy Economics**. The USAEE was founded in 1994 to provide a forum for the exchange of ideas, experience and issues among professionals interested in energy economics. Its worldwide scope attracts members from diverse backgrounds—corporate, academic, scientific and government.

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To register: Please mail the form below with your check (payable to NCAC/USAEE) to:
Mark Lively, Treasurer, NCAC
Utility Economic Engineers, 19012 High Point Drive, Gaithersburg, MD 20879

Please accept my registration for the Washington Energy Policy Conference on April 20, 2007

Name _____ Title _____

Company/Organization _____

Address: _____

Phone _____ Fax _____ E-mail _____

Please check the registration appropriate for you:
NCAC/USAEE Member \$130 _____
New Member NCAC/USAEE \$150 _____
Student's conference lunch \$25 _____
Student conference admission free _____

**We hope you will take
this opportunity to join
NCAC today!**

**Please note: Questions about the conference can be addressed to:
Wil Kohl or Jenika Kaul at Johns Hopkins SAIS. 202-663-5722.**