

# Technology Innovation and the Coal Value Chain

March 27, 2013

Hyatt Regency  
400 New Jersey Avenue NW  
Washington, D.C. 20001

## Program

8:30-9:00            **Registration and Continental Breakfast**

9:00-9:15            **Welcome**  
*Tim Profeta*, Director, Nicholas Institute for Environmental Policy  
Solutions, Duke University  
*Alex Liftman*, Global Environmental Executive, Bank of America

### Session 1 - The State of the Coal Value Chain

9:15-9:20            **Opening Remarks and Introduction of Speakers**  
*Jonas Monast*, Climate and Energy Program Director, Nicholas  
Institute for Environmental Policy Solutions, Duke University

9:20-9:40            **The Coal Value Chain and the U.S. Energy Mix**  
*Gary Gereffi*, Director, Center on Globalization, Governance, &  
Competitiveness, Duke University

9:40-10:00          **Coal, Natural Gas, and the Future of Baseload Electricity  
Generation**  
*Lincoln Pratson*, Professor, Nicholas School of the Environment, Duke  
University

10:00-10:30        **Questions**

## Session 2 - Technologies on the Horizon

10:45-12:30

**Moderator:**

**Howard Herzog**, Senior Research Engineer, MIT Energy Initiative

**Panelists:**

**Robert Hilton**, Vice President, Power Technologies for Government Affairs, Alstom Power Inc.

**Gary Spitznogle**, Director - New Technology Development & Policy Support, American Electric Power

**Ben Yamagata**, Executive Director, Coal Utilization Research Council

**Tom Alley**, Vice President of Generation, EPRI

## Lunch and Keynote Address

12:30-1:15

Lunch

1:15-1:45

**Keynote Speaker:**

**Cheryl Martin**, Deputy Director, Advanced Research Projects Agency-Energy (ARPA-E)

## Session 3 - Deploying the Solutions: The Role of Public Policy

2:00-3:45

**Moderator:**

**Tim Profeta**, Director, Nicholas Institute for Environmental Policy Solutions, Duke University

**Panelists:**

**Edward Rubin**, Professor of Environmental Engineering and Science, Carnegie Mellon University

**Bill Tyndall**, Duke Energy

**Rob Brenner**, Senior Fellow, Nicholas Institute for Environmental Policy Solutions, Duke University

**Armond Cohen**, Executive Director, Clean Air Task Force

## Closing Remarks

3:45

**Jonas Monast**, Climate and Energy Program Director, Nicholas Institute for Environmental Policy Solutions, Duke University

4:00

Conference Adjourns