



Please join us for a side event at COP21

Building the Global Clean Energy Economy

Thursday, December 3rd
5:45 – 6:45 pm (17:45 – 18:45)
US Center

Overview

In 2014, global investment in clean energy topped \$310 billion. The low-carbon transformation of the energy sector is underway, driven by falling technology costs, business innovations and key policy frameworks.

Join a panel of U.S. clean energy companies for a discussion on how energy efficiency, natural gas and renewable energy are creating the low-carbon economy in America, and how U.S. companies are investing in countries around the world – to help tackle development challenges caused by climate change and urbanization. This business panel will discuss the enabling environments and investment frameworks that are opening markets both in the U.S. and abroad for cleaner sources of electricity generation and more energy-efficient systems.

Panelists:

- Rick Umoff, Counsel and Regulatory Affairs Manager of State Affairs, Solar Energy Industries Association
- Thad Miller, Executive Vice President, Chief Legal Officer and Secretary, Calpine Corporation
- Melissa Lavinson, Chief Sustainability Officer and Vice President of Federal Affairs and Policy, PG&E Corporation
- Nanette Lockwood, Global Director, Climate Change Policy, Center for Energy Efficiency & Sustainability, Ingersoll Rand
- Thomas Weber, President, Jupiter Oxygen Corporation

Host:

- Lisa Jacobson, President, Business Council for Sustainable Energy

Join the conversation on Twitter at @BCSECleanEnergy

Panelists: @PGE4Me; @ceesNsight; @SEIA

Speaker Biographies

Rick Umoff, Counsel and Regulatory Affairs Manager of State Affairs, Solar Energy Industries

Association: Mr. Umoff covers solar energy policy matters in energy markets throughout the United States, including utility business model reform, grid modernization, rate design, state renewable mandates, and carbon policy. Mr. Umoff is a licensed attorney in California and the District of Columbia.

Thad Miller, Executive Vice President, Chief Legal Officer and Secretary, Calpine Corporation: Mr.

Miller joined Calpine Corporation in August 2008 as Executive Vice President, Chief Legal Officer and Secretary. He brings almost 30 years of legal experience to Calpine, including more than 25 years in the energy industry. Mr. Miller earned his Bachelor of Science degree from the United States Merchant Marine Academy and his Juris Doctor from St. John's School of Law. In addition, he was an officer in the United States Coast Guard.

Melissa Lavinson, Chief Sustainability Officer and Vice President of Federal Affairs and Policy, PG&E

Corporation: Ms. Lavinson currently serves as the Chief Sustainability Officer and Vice President of Federal Affairs and Policy for PG&E Corporation. As the CSO, Melissa manages and directs a team responsible for PG&E's sustainability efforts and engagement, along with advising corporate leadership on how best to integrate and align PG&E's sustainability strategy with its business strategy

Nanette Lockwood, Global Director, Climate Change Policy, Center for Energy Efficiency &

Sustainability, Ingersoll Rand: Ms. Lockwood leads climate-related policy and advocacy efforts for Ingersoll Rand. She has extensive experience in building codes and standards involving energy efficiency and holds graduate degrees in both environmental engineering and law.

Thomas Weber, President, Jupiter Oxygen Corporation: Mr. Weber works directly with the CEO and the

executive management team to expand Jupiter Oxygen's clean energy business and project development in the U.S. and internationally. Thomas represents Jupiter Oxygen as a member and stakeholder in key organizations with a focus on clean energy technology, such as the U.S. Business Council for Sustainable Energy (Board of Directors), the Global Carbon Capture and Storage Institute, and the Carbon Sequestration Leadership Forum

Lisa Jacobson, President, Business Council for Sustainable Energy: Ms. Jacobson serves as the President

of the Business Council for Sustainable Energy (BCSE), a coalition of clean energy companies and associations from the energy efficiency, natural gas and renewable energy sectors in the United States.