

**WATER AND WATTS:
POTENTIAL TO SAVE ENERGY AND WATER IN THE MUNICIPAL,
INDUSTRIAL, AND COMMERCIAL SECTORS**

TUESDAY • JUNE 19, 2012 • 8:30 A.M. – 6:00 P.M.

8:30-8:45 INTRODUCTION

John R. Lyman, *Director, Energy and Environment Program*, Atlantic Council

8:45-10:00 CONGRESSIONAL PERSPECTIVES ON THE ENERGY AND WATER NEXUS

Moderator: David Garman, *Former Under Secretary*, US Department of Energy, *Principal*, Decker, Garman, Sullivan and Associates, LLC

David Wegner, *Professional Staff (Minority)*, US House Transportation and Infrastructure Committee

David McCarthy, *Counsel (Majority)*, US House Energy and Commerce Committee

Elizabeth Fox, *Professional Staff Member (Minority)*, US Senate Environment and Public Works Committee

Lynn Abramson, *Senior Legislative Assistant*, Office of US Senator Barbara Boxer (D-CA)

McKie Campbell, *Minority Staff Director*, US Senate Energy and Natural Resources Committee

Patricia Beneke, *Senior Counsel (Majority)*, US Senate Energy and Natural Resources Committee and Former Assistant Secretary for Water and Science, Department of the Interior

10:00-11:15 SETTING THE STAGE

Moderator: Nicole T. Carter, Congressional Research Service, US Library of Congress

Lorraine White, *Water Energy Program Manager*, GEI Consultants

- Energy Intensity in the Water Treatment Cycle and Water Related Energy Use

Tom Curtis, *Deputy Executive Director*, American Water Works Association

- The State of US Infrastructure

Howard Passell, *Senior Member of the Technical Staff*, Sandia National Laboratories

- Transformational solutions for bridging the gap between projected future energy and water demand and projected future energy and water supply

Mary Ann Dickinson, *President and CEO*, Alliance for Water Efficiency

- Present Efforts and Overview of Key Issues

11:15-11:45

KEYNOTE

Patrick O'Toole, *President*, Family Farm Alliance

- Energy, Water and Agriculture Sector Solutions to the Energy and Water Nexus

11:45-12:15

BUFFET LUNCH

12:15-1:45

TECHNOLOGIES AND PROJECTS TO IMPROVE ENERGY AND WATER EFFICIENCY

Moderator: **Amanda Brock**, *CEO*, Water Standard

Jes Munk Hansen, *President*, Grundfos North America

- Harnessing Pump Technology to Improve Water and Energy Efficiency

Alan Hinchman, *Marketing Leader*, GE Intelligent Platforms

- "Smart Solutions" for Customers, Utilities, and Industrial Sectors

Amit Pramanik, *Senior Program Director*, Water Environment Research Foundation

- Energy Recovery in Waste Water and Bio Solids

Kateri Callahan, *President*, Alliance to Save Energy

- Energy and Water Efficiency in Municipal Waste Water and Water Supply

Shahid Chaudhry, *Program Manager*, Energy-Water Nexus, California Energy Commission

- California's Energy-Water Nexus Programs

1:45-2:45

FINANCING INFRASTRUCTURE

Moderator: **Mark A. Limbaugh**, *Former Assistant Secretary for Water and Science*, US Department of the Interior, *Managing Partner*, The Ferguson Group

William Rogers, *Vice President and Treasurer*, American Water Works Inc.

- Policies to Incentivize Infrastructure Upgrades and Investment

Tim Williams, *Senior Director, Government Affairs*, Water Environment Federation

- Proposed Water Infrastructure Finance and Innovation Authority

2:45-4:15

AIMING FOR THE GOLD STANDARD: STANDARDS, CODES, AND REGULATORY INITIATIVES

Moderator: **Adam Carpenter**, *Regulatory Analyst*, American Waterworks Association

Thomas Pape, *Principal*, Best Management Partners

- Status of Existing Codes and Emerging Strategies

Steve Nadel, *Executive Director*, American Council for an Energy-Efficient Economy

- Integrating Water Efficiency with Energy Efficiency in Standards

Sheila Frace, *Acting Deputy Director, Office of Wastewater Management*, US Environmental Protection Agency

- EPA's Principles for an Energy Water Future

Dr. David Wollman, *Deputy Director, Smart Grid and Cyber-Physical Systems Program and Manager, Smart Grid Standards and Research*, National Institute of Standards and Technology

- Evolution of the Smart Grid Interoperability Panel as a Paradigm for Developing Water Standards

4:15-5:00

PUBLIC EDUCATION AND OUTREACH

Moderator: **Paul Faeth**, *Senior Fellow*, CNA Corporation

Jennifer Persike, *Director of Strategic Coordination and Public Affairs*, Association of California Water Agencies

- California Public Education Initiatives-ACWA's Campaigns, What has Worked and What Remains to be Done

Lorraine Loken, *Senior Vice President*, Clean Water America Alliance

- Public Education and Outreach Goals

5:00-6:00

KEYNOTE

Introduction by General Richard L. Lawson, USAF (Ret.), *Vice Chair*, Atlantic Council

Katherine Hammack, *Assistant Secretary of the Army for Installations, Energy, and the Environment*, US Army

- How the US Army is Addressing the Energy and Water Nexus

6:00

NETWORKING RECEPTION