



**EBC Dam Management Program
Massachusetts Dam Legislative Initiatives
and
Innovations in Small Hydropower**

Thursday, November 3, 2016
Bowditch & Dewey, LLP | Worcester, Massachusetts

AGENDA

8:00 a.m. Welcome

- Chad Cox, P.E., Chair, EBC Dam Management Committee
Civil Engineer/Principal, GZA GeoEnvironmental, Inc.
- Robert D. Cox, Jr., Vice Chair of Programming, EBC Board of Directors
Partner, Bowditch & Dewey, LLP

Part One: Massachusetts Dam Legislative Initiatives

8:10 a.m. Introduction

- Paul E. Caron, Director, Program Co-Chair and Moderator
Government Relations, Scuderi Clean Energy, LLC

8:15 a.m. Commitment to Large & Small Hydropower by the Commonwealth of Massachusetts

- Ned Bartlett, Undersecretary, Executive Office of Energy and Environmental Affairs
Commonwealth of Massachusetts

8:35 a.m. Federal Commitment to Large and Small Hydropower

- Daniel Rabon, P.E., Hydropower Technology Development
U.S. Department of Energy

8:50 a.m. Massachusetts Legislature's Perspective on the Future of Small Hydropower

- Representative Paul Brodeur, Vice Chair
Joint Committee on Telecommunications, Utilities and Energy Committee
Massachusetts House of Representatives

9:00 a.m. Panel Discussion

Moderator: Paul Caron, Scuderi Clean Energy, LLC

Panel Members:

- Undersecretary Ned Bartlett, MA EOEEA
- Daniel Rabon, U.S. DOE
- Representative Paul Brodeur, Massachusetts House of Representatives

Part Two: Innovation in Small Hydropower

9:30 a.m. Introduction

- Matthew A. Taylor, P.E., Program Co-Chair and Moderator
Dams and Levee Safety Group Leader/Associate Principal
GZA GeoEnvironmental, Inc.

9:35 a.m. "French Dam" Next Generation Precast Modular Structures

- Lenny Lozinsky, Executive Vice President, French Development Enterprises, LLC

10:00 a.m. Coffee and Networking Break

10:30 a.m. The Scuderi Clean Energy Power Generation System with Compressed Air Energy Storage

- Salvatore Scuderi, President, Scuderi Clean Energy, LLC
- Nicholas Scuderi, Vice President, Sales & Business Development
Scuderi Clean Energy, LLC

10:50 a.m. Low Impact, Modular Form Factor Low Head Hydropower System

- John Ashburne, Vice President, Business Development, Littoral Power Systems Inc.

11:10 a.m. Panel Discussion

Moderator: Matthew Taylor, GZA GeoEnvironmental, Inc.

Panel Members:

- John Ashburne, Littoral Power Systems, Inc.
- Lenny Lozinsky, French Development Enterprises, LLC
- Salvatore Scuderi, Scuderi Clean Energy, LLC
- Nicholas Scuderi, Scuderi Clean Energy, LLC

12:30 p.m. Adjourn – Closing Comments – Chad Cox

KEYNOTE SPEAKER

Ned Bartlett, Undersecretary
Executive Office of Energy and Environmental Affairs
Commonwealth of Massachusetts
100 Cambridge Street, Boston, MA
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Ned Bartlett previously served as a Partner at Bowditch & Dewey, LLP where he maintained a diverse environmental, energy and transportation practice. Prior to private practice, Ned served as an attorney in a

number of environmental and state agencies, and as Special Assistant Attorney General for the Office of the Attorney General of Massachusetts. Ned brings a wealth of private and public sector experience to the Executive Office of Energy and Environmental Affairs.

PROGRAM CO-CHAIRS AND MODERATORS

Paul E. Caron, Director Government Relations, Scuderi Clean Energy
President of Paul E. Caron Associates
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Paul E. Caron is Director of Government Relations for Scuderi Clean Energy, and oversees all contact with Municipal, State and Federal, Government Officials. Paul has nearly 40 years of government experience working with officials at the Local, State and Federal levels.

In 1982, Paul was elected to the Massachusetts State Legislature, where he served as a member of the Massachusetts House of Representatives, representing the City of Springfield for 20 years (1982-2002), seven of which, he served as House Chairman of the Committee on Public Safety.

In 2003, Paul established, Paul E. Caron Associates, a firm specializing in Business Development and Government Relations. Paul has worked with The Scuderi Group as their Massachusetts Legislative and Executive Lobbyist since 2003, and now oversees all interactions with government agencies at the Federal, State and Local levels. Paul is a graduate of Springfield College.

Matthew A. Taylor, P.E., Dam and Levee Group Leader/Associate Principal
GZA GeoEnvironmental, Inc.
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Matthew Taylor currently serves as the Dam and Levee Safety Group Leader for GZA's Metro Boston offices. He has over 20 years of consulting experience with duties that include dam and levee safety inspections, geotechnical and hydrologic/hydraulic analyses, preparation of Emergency Action Plans, small hydropower feasibility studies, development of construction documents, preparation of permit applications, and construction administration for dam rehabilitation and dam removal projects. He holds a BS in Civil Engineering degree from the University of Rhode Island and an MS in Civil Engineering (Geotechnical) from Northeastern University. He is a registered professional engineer in six states and is an approved Independent Consultant by the FERC for 12D dam safety inspections. He is a past chair of the BSCES Geo-Institute and is a member of the Association of State Dam Safety Officials and the US Society on Dams.

SPEAKERS

John J. Ashburne, Vice President, Business Development
Littoral Power Systems Inc.
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John Ashburne has over 30 years of corporate and project finance experience in renewable energy and power. He founded Black Horse Advisors in 2007, an independent financial advisory firm focused on companies and investors in the conventional and renewable energy, power, natural resources and infrastructure sectors. From 2009 to 2012, he was Senior Advisor to the U.S. Department of Energy Renewable Energy Loan Guarantee Program.

Previously, he worked for major Wall Street firms at JP Morgan, Barclays, UBS, Bankers Trust, Deutsche Bank and Standard Bank Americas. John also has taught courses in finance and accounting at the graduate and undergraduate level at New York University, Sacred Heart University in Fairfield, CT and at Babson College in Wellesley, MA.

He earned an MBA from the Tuck School of Business at Dartmouth College, and a BS in Business from Northeastern University.

Paul Brodeur, Massachusetts State Representative
Vice Chair, Committee on Telecommunications, Utilities & Energy
State House Room 160, Boston, MA 02133
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Contact person: Patrick Prendergast, Patrick.Prendergast@mahouse.gov

Now serving his third two-year term, Representative Paul A. Brodeur was first elected to the Massachusetts House of Representatives in November of 2010. In 2013, Paul was appointed as the House Vice Chairman of the Joint Committee on Consumer Protection and Public Licensure, where he acted as a strong advocate for consumers and streamlining regulations. In the 2015-2016 legislative session, Paul serves as House Vice Chairman of the Joint Committee on Telecommunications, Utilities and Energy. Additionally, Paul serves on the Joint Committee on Ways and Means as well as the Joint Committee on Health Care Financing.

Before serving in the House of Representatives, Paul's career as an attorney focused on public service. First, by serving as an Assistant District Attorney in the Middlesex District Attorney's Office, and later by serving as counsel for the Executive Office of Elder Affairs, Paul worked diligently to protect our communities' most vulnerable members. Additionally, Paul's years spent serving the Secretary of the Commonwealth in Securities Division enabled him to be an advocate for main street investors. Paul understands the unique struggles our cities and towns face thanks to his nine years of service on the Melrose Board of Alderman. As president of the board, Paul was able to build consensus and set a legislative agenda focused on sustainable growth and fiscal responsibility.

In the House of Representatives, Paul has sponsored and advocated for the passage of several key pieces of legislation. In his first term, Paul drew on his professional expertise to call for the creation of an Elder Protective Services Commission. Paul then introduced legislation the commission recommended and is now advocating for a bill which would create a specialized elder financial exploitation prevention and investigation team, shielding seniors from onerous financial products as well as fraud and exploitation by caretakers. Following a series of tragic deaths, Paul introduced legislation which would keep our schools, public buildings, and businesses safe by expanding the use of carbon monoxide detectors. His budgetary advocacy has brought hundreds of thousands of dollars back to the communities of Malden, Melrose, and Wakefield, empowering economic development, ensuring quality education, and improving municipal services. Paul, a proud product of Melrose public schools, holds degrees from Lafayette College and Suffolk University Law School. He and his wife Liz live in Melrose where they are raising their two sons, Ethan and Sam.

Lenny Lozinsky, Executive Vice President
French Development Enterprises, LLC
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Lenny Lozinsky is an Executive Vice President of the French Development Enterprises, LLC. He brings over 20 years of entrepreneurial experience leading and advising business, business owners and executives on all stages of development, from initial capital raise to exit. Experienced in a variety of industries, Mr. Lozinsky has led and participated in M&A transactions in the IT & Software, Energy & Clean-Tech, Business & Financial

Services, Logistics & Operations, Transportation, Consumer Goods, and Wholesale & Distribution sectors. Mr. Lozinsky holds a Master's of Science degree (MSEE) from the St. Petersburg State University of Technology and Communications, and an MBA degree from Babson's Olin School of Business. He is also an accomplished fellow with the Leading Clean Energy Ventures program, administered by the New England Clean Energy Council in partnership with the Boston University School of Management.

Daniel Rabon, Hydropower Technology Development Manager
U.S. Department of Energy
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Daniel Rabon is the Hydropower Technology Manager for the US Department of Energy's Wind and Water Power Technologies Office. He has been involved with the hydropower industry for the past 11 years, with 9 years as a hydropower plant engineer with the US Army Corps of Engineers. Daniel has a bachelor's degree in Mechanical Engineering from the University of South Alabama and is a registered Professional Engineer in the state of South Carolina. Daniel lives in the Washington DC area with his wife and 5 year old twins.

Salvatore Scuderi, President
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Sal is responsible for overseeing all corporate and financial operations at Scuderi Clean Energy. Sal has over twenty years of experience in all aspects of program management, financial forecasting and planning, mergers and acquisitions, contract negotiations and strategic planning. An accomplished inventor holding several key patents on the Scuderi Split-Cycle Engine Technology, he has owned and operated several engineering and manufacturing companies including Engineering and Sales Associates, American Thermaflo and AccuOne industries. He has spent several years as a consultant for mergers and acquisitions, turnaround management, financial restructuring and business planning. Sal received a Bachelor of Science in Biology, with a minor in Chemistry, from Springfield College, and he also holds a Juris Doctor from Western New England University School of Law. Sal is a member of the Society of Automotive Engineers.

Nicholas Scuderi, Vice President, Sales & Business Development
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Nick Scuderi directs all company sales and marketing efforts. Nick has over 25 years of experience as a senior level executive with several multi-national corporations including American Thermaflo and Refco Corp. Nick also started and managed Industrial Tool Solutions, an HVAC tool manufacturing company, where he managed worldwide sales and distribution of its products. He has extensive experience developing sales offices in the U.S., Europe and Japan. As part of Nick's responsibilities with American Thermaflo, he developed, trained, and managed a global network of independent sales representatives. Nick is a graduate of the University of Massachusetts in Amherst.

Upcoming EBC Programs

- Nov 15: Evening Program – Implementation of Governor Baker's New Climate Change Strategy
- Dec 1: EBC Annual Winter Garden Party

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