

**2015 ANNUAL SUMMIT**  
**ENERGY AND ENVIRONMENT WORKING GROUP SESSION AGENDA**  
Tuesday July 14, 2015

Co-Chairs

*Rep. Deb Boone, Oregon State Legislature*  
*Paul Manson, Chairman, Sea Breeze Power*

**9:15 INTRODUCTIONS**

Paul Manson, Chairman, Sea Breeze Power

**9:20 ROADMAP TO RESILIENT, NET-ZERO BUILDINGS IN THE NORTHWEST**

Andrew Pape-Salmon, P.Eng., MRM, Associate, Senior Specialist – Energy  
RDH Building Engineering Ltd.

- *Introduction to energy efficiency, Net-Zero construction & deep retrofits*
  - What is Net-Zero construction and deep retrofits?
  - Recent policies and programs in the PNWER region
- *Progress report on White Paper for Roadmap*
  - Brief overview of 16 case studies
  - Next steps for White Paper
- *Legislative Leads and Net-Zero Networks of Key Stakeholders*

*Our stakeholder network and steering committee leverages the deep knowledge, expertise, and innovation of our region to help identify and develop the strategies appropriate for their jurisdictions, including, but not limited to, providing input on education initiatives, tax policy, standards, programs, and other market-driven solutions.*

**KEY INFLUENCERS COME FROM A VARIETY OF BACKGROUNDS AND INCLUDE:**

- State/provincial/territorial governments
- Construction industry associations
- Professional associations
- Net-Zero developers/builders/contractors
- Energy efficiency agencies
- Local governments
- Public utilities
- Public interest organizations

Who should be included in our network? How do we most effectively leverage their expertise?

**9:45 HIGH PERFORMANCE CONCRETE BUILDING DESIGN**

Kevin Davis, Director of Sales, Quad-Lock Building Systems Ltd.

**9:55 INDUSTRY PERSPECTIVE PANEL**

Kevin Davis, Director of Sales, Quad-Lock Building Systems Ltd.  
Shana Peschek, Director, Construction Center of Excellence  
Emanuel DaRosa, President & CEO, Northwest Territories Power Corporation  
Dr. Bradley Layton, Assistant Professor, Director - Energy Technology Program,  
Missoula College – University of Montana

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- *What are the capabilities and key strengths of the region to meet the Roadmap targets?*
- *What are the job creation possibilities surrounding energy efficient buildings?*
- *Are you aware of any relevant case studies?*
- *What are the market barriers or general constraints to reaching the targets by 2030?*
- *Do you have advice for legislators for potential policy solutions to enable investment and achievement of targets?*
- *Who are the key players?*
- *What is the first thing we can do to develop the Roadmap?*

## 10:15 LEGISLATIVE PERSPECTIVE PANEL

Sen. Michelle Stennet, Idaho State Legislature

Sen. Lesil McGuire, Alaska State Legislature

Rep. Zach Brown, Montana State Legislature

Mike Bernier, MLA, British Columbia

- *What are the capabilities and key strengths of the region to meet the Roadmap targets?*
- *Is there any current legislative activity in this field?*
- *How can this opportunity address climate change or EPA Section 111(d)?*
- *What are the key policy issues this roadmap can address?*
- *Is there any current legislative activity in this field?*
- *Who are the key players?*
- *What is the first thing we can do to develop the Roadmap?*

## 10:45 DISCUSSION ON NEXT STEPS AND Q&A

## 11:00 UTILITY OF THE FUTURE

*Panel discussion on the tools for policy makers, regulators, and utilities to cost effectively integrate distributed energy resources (DER), e.g., solar, demand response, EV charging, distributed generation, and storage.*

Moderated by Rep. Jeff Morris, Washington State Legislature

Ken Nichols, Principal, EQL ENERGY

- Results of recent paper for Western Interstate Energy Board on some of the regulatory and policy steps needed in the Pacific Northwest to incorporate DER into utility planning and operations.
- How the existing PNW institutions/utilities and policies that have achieved world-renowned results in energy efficiency can be marshalled to take advantage of emerging DER opportunities.

Dr. Ron Melton, Director of the Pacific Northwest Smart Grid Demonstration (PNSGD) project, PNNL

- Results of the PNSGD project
- How Transactive Energy works

## Q&A SESSION

## DISCUSSION ON POSSIBLE ACTION ITEMS

## 12:15 ADJOURN TO PNWER LUNCHEON KEYNOTE