



New Energy Cities

Pioneering the Clean Energy Economy in Northwest Communities

Wood River Valley Regional Energy Summit

Sun Valley Resort
1 Sun Valley Road
Sun Valley, ID 83353
April 27-28, 2011

Wednesday, April 27, 2011

- 9:00** **Welcome & Introduction**
Deborra Bohrer, Environmental Resource Center Board
- 9:05 – 9:15** **Introductions of Participants**
Participants in the Workshop will introduce themselves and their organizations/affiliations.
- 9:15 – 9:25** **Why are we here?**
Eileen V. Quigley, Director of New Energy Cities, Climate Solutions
Overview of the Climate Solutions New Energy Cities program, which aims to accelerate Wood River Valley region's transition to a clean, renewable, and super-efficient energy system.
- 9:25 – 9:45** **New Energy Cities Framework Concept**
Tom Osdoba, Director of the UO Center for Sustainable Business Practices
The concept centers on deploying smart power grids, green intelligent buildings, plug-in electric vehicles, and renewable power sources such as wind, solar, geothermal and biomass all together in one coordinated system and serves as a blueprint for jobs and innovation.
- 9:45 – 10:00** **Energy Snapshot of Wood River Valley Region**
Michael Mann, Founder, Cyan Strategies: Green Solutions for our Blue Planet
Overview of current energy sources and uses in the city of Wood River Valley region and the city's greenhouse gas emissions profile.
- 10:00 – 10:50** **Buildings & Efficiency –Tom Osdoba/Michael Mann**
Overview of buildings and energy use; factors of building performance; the critical role that energy efficiency must play in building of all types; what a green intelligent building is and how it can achieve net zero energy use and production and integrate into the energy system. Discussion of what the Wood River Valley region might consider doing to achieve deep and comprehensive efficiency improvements in buildings and what implementation might look like.
- 10:50 – 11:00** **Break**



New Energy Cities

Pioneering the Clean Energy Economy in Northwest Communities

- 11:00 – 11:40 Distributed & Renewable Energy Technologies –Tom Osdoba/Michael Mann**
A description of the available renewable energy technologies that are market-ready or likely to be so in the near-term (solar, wind, biomass, fuel-cells, etc.), including pros and cons and opportunities and challenges. A discussion of what distributed generation means, what technologies, applications, trends, and emerging models are in the marketplace.
- 11:40 – 12:15 Next Generation Energy Infrastructure: Smart Grid, District Energy, and Electric Vehicles—Tom Osdoba/Michael Mann**
The New Energy System will entail significant improvements in our energy infrastructure — from an increasingly interactive and robust Smart Grid, to the expanded use of thermal networks to heat and cool buildings, to an accelerating transition from petroleum to electricity to fuel our transportation needs. We will explain what District Energy is and discuss the feasibility of implementation, the cost, and possible financial resources for the next generation of energy infrastructure.
- 12:15 – 1:00 Lunch**
Lunch will be available for participants
- 1:00 – 1:30 Clean Energy Financing—Tom Osdoba/Michael Mann**
Significant new sources of financing will be necessary to implement a New Energy System for Wood River Valley. The rapidly changing policy landscape and advancement of new program innovations create financing options for efficient infrastructure and technology projects. This session will describe the emerging direction for financing energy system development.
- 1:30 – 2:45 Group Discussion: Intriguing Ideas and Emerging Priorities
The New Energy Cities Team**

Time for you to weigh in on the concepts you've heard today. Which approaches are compelling to you? What do you see as opportunities for the city of Wood River Valley? This session will use breakout and whole-group discussion to begin to call out and document a sense of priorities emerging from workshop participants. This material will provide a starting point for Road Map discussions tomorrow.
- 2:45 – 3:00 Break into small groups**
- 3:00 – 4:45 Roadmapping Exercise Part One—Tom Osdoba**
The Road Map is the culminating product of this day's work and includes short-term opportunities and actions needed for the long-term implementation of a new energy system.
- 4:45 – 5:00 Recap of the Day /Next Steps**
*Lisa Huttinger, Interim Executive Director, Environmental Resource Center,
Eileen Quigley*



Wood River Valley Regional Energy Summit

Sun Valley Resort
1 Sun Valley Road
Sun Valley, ID 83353
April 27-28, 2011

Thursday, April 27, 2011

8:45 – 9:00 Coffee

9:00 – 9:15 Agenda and Goals for Today
Tom Osdoba

We will explain the process we use for helping participants come to consensus around shared goals that translate into mapping an Action Plan and the role that you will play during this morning session.

9:15 – 10:15 Roadmapping Exercise Part Two
Action Plan Development for Wood River Valley
All

Building from yesterday afternoon's Roadmapping exercise that identified emerging priorities and projects, we will develop high-level goals and set priorities that might make sense to frame an effort by Wood River Valley to become a leader in the new energy economy. These goals, priorities, and potential projects are the key pieces that begin to inform how the Action Plan will be developed.

10:15 – 10:30 Break

10:30 – 11:45 Continue Action Plan Development

11:45 – 12:00 Wrap-up & Next Steps
Deborra Bohrer and Craig Barry, Environmental Resource Center Board of Directors
Rhys Roth, Director of Strategic Innovation, Climate Solutions