



New Energy Cities

Pioneering the Clean Energy Economy in Northwest Communities

Clark County and City of Vancouver New Energy Cities Workshop

Water Resources Education Center

4600 SE Columbia Way

Vancouver, WA

October 20-21, 2011

Thursday, October 20, 2011

- 8:00** **Welcome & Introduction**
Clark County Steve Stuart and Vancouver Mayor Tim Leavitt
- 8:05 – 8:15** **Introductions of Participants**
Participants in the Workshop will introduce themselves and their organizations/affiliations.
- 8:15 – 8:25** **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 Clark County's transition to a clean, renewable, and super-efficient energy system.
- 8:25 – 8:45** **New Energy Cities Framework Concept**
Tom Osdoba, Director of the UO Center for Sustainable Business Practices
The New Energy Cities Framework 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 together in one coordinated system and serves as a blueprint for jobs and innovation.
- 8:45 – 9:00** **Snapshot of Energy Use and Promising Local Initiatives in Clark County**
Michael Mann, Founder, Cyan Strategies: Green Solutions for our Blue Planet
Overview of current energy uses in the region and reflection on promising local initiatives.
- 9:00 – 9:50** **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 leaders of the Clark County and City of Vancouver community might consider doing to achieve deep and comprehensive efficiency improvements in buildings and what implementation might look like.
- 9:50 – 10:00** **Break**



New Energy Cities

Pioneering the Clean Energy Economy in Northwest Communities

- 10:00 – 10:40 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, and what technologies, applications, trends, and emerging models are currently in the marketplace.
- 10:40 – 11:15 Next Generation Energy Infrastructure: Smart Grid, District Energy, and Electric Vehicles—Tom Osdoba/Michael Mann**
A 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 the concept of district energy and discuss the feasibility of implementation, the cost, and possible financial resources for the next generation of energy infrastructure.
- 11:15 – 12:00 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 Clark County and the City of Vancouver? 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 project discussions after lunch and tomorrow.
- 12:00 – 1:00 Lunch**
Lunch will be available for participants
- 1:00 – 2:45 Break into small groups**
- 2:45 – 3:45 Road Mapping 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.
- 3:45 – 4:00 Recap of the Day /Next Steps**
Eileen Quigley



New Energy Cities

Pioneering the Clean Energy Economy in Northwest Communities

Clark County and City of Vancouver New Energy Cities Workshop

Water Resources Education Center

4600 SE Columbia Way

Vancouver, WA

October 20-21, 2011

Friday, October 21, 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 Road Mapping Exercise Part Two
Action Plan Development**

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 Clark County and the City of Vancouver 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

*Clark County Commissioner Steve Stuart and Vancouver Mayor Tim Leavitt
Rhys Roth, Director of Strategic Innovation, Climate Solutions*