

National Energy Symposium **Environmental Challenges and Solutions**

April 26, 2011, Denver Sheraton

www.NationalEnergySymposium.com

Opening Remarks – John King, Environmental Management and Planning Solutions (EMPSi)

Overview of the Challenge:

- **The Visible Hand of Energy Development**, Rich Halvey, Western Governors Association

Transmission and Siting: Challenges and Opportunities I

- **Siting and Permitting Challenges in Colorado** – Karl Myers, Tri-State Generation and Transmission Assoc, Inc.
- **Renewable Energy Development and Permitting on Public Lands**, Greg Helseth, Bureau of Land Management, Las Vegas, NV
- **Collaborating for Success: Keys for Stakeholder Engagement**, Nada Culver, Senior Counsel and Director, BLM Action Center

Coffee Break

Improving the Siting Process

- **Understanding and Planning for Renewable Energy Development Through Programmatic NEPA Analysis: A BLM Case Study on Solar Energy?** Shannon Stewart, US Bureau of Land Management, Washington, DC
- **Converting Compromised Lands to Energy-Generating Stations: Renewable Energy Technologies on Formerly or Presently Contaminated Sites.** Gail Mosey, National Renewable Energy Laboratory, US DOE
- **A Blueprint for Siting Renewable Energy: The Restoration Design Energy Project**, David Batts, EMPSi

Trends in Technology I

- **Permitting and Siting of Utility-Scale Solar PV**, Ken Borngrebe, Manager of Permitting, First Solar
- **Always On – Geothermal Technology and Development**, Kermit Witherbee, National Renewable Energy Laboratory, US DOE
- **Oil and Gas: Future Development Potential and Environmental Impacts Overview**, Tisha Conoly Schuller, President and CEO, Colorado Oil and Gas Association

Lunch Speaker:

The pathway to biofuels--walking on water

Jonathan Trent, Ph.D., NASA

Transmission and Siting Challenges and Opportunities 2

- **Transmission Siting: Unique Approaches**, Luke Papez, LS Power Development
- **Memorandum of Understanding (MOU) -Coordination in Federal Agency Review of Electric Transmission Facilities on Federal Land** , Robert Cunningham, US Forest Service
- **Environmental Benefits Of Strong Energy Efficiency Policies**, Howard Geller, Southwest Energy Efficiency Project)

Trends in Technology 2

- **Challenges and Solutions to Ocean Energy Siting and Development**, Mark Eckenrode, Bureau of Ocean Energy Management
- **Concentrated Solar Thermal Technology**, Michael Cressner, Solar Millennium, LLC,
- **How Close is Too Close? An Analysis of the Visual Looming Effect of New Larger Wind Power Projects**, Todd Bronk, AECOM

Coffee Break

Special Topics and Tools

- **Az SMART: Arizona Solar Market Analysis and Research Tool**, George Basile, Ph.D., Arizona State University
- **Regulatory Compliance through GIS on a FERC-permitted Hydroelectricity Project - GIS that knows the difference between your ASM and your Armillaria**, Michael Murphy, Southern California Edison Company.
- **Energy Past--Energy Future: The Eternal Dance of Alternatives**, John Perkins, Evergreen College

Closing Remarks