

Exploring Utah Geothermal Opportunities

Co-sponsors: UT State Working Group, NGC and GRC

Working Draft Agenda

January 20, 2003

Purpose:

The purpose of this event is to explore issues and opportunities pertaining to geothermal development in Utah. The morning session will be focused on *Keys to Using Geothermal in Agriculture Development and Industrial Processing*, (direct use opportunities). Target audience for the morning will be those from the agriculture sector that might benefit from greater understanding geothermal for direct use purposes. The afternoon session will be more broadly focused on policy options that would facilitate direct use and electrical generation opportunities. Specifically, the afternoon will focus on what sort of *Incentives To Reduce the Risk/Facilitate Development* might be crafted. The afternoon session will target decision makers, legislative staffers and others interested in exploring issues and opportunities around geothermal development for both direct use and electrical generation opportunities. Specifically, the target audience includes legislative committees such as the Energy Policy Task Force and Utilities and Technology Senate Committee, Farm Bureau Policy staff, utility commissioners, and energy efficiency policy advocates.

Meeting Objectives:

- To increase awareness of geothermal energy (with a focus on direct use) and the opportunities available – how it works, regulations, and opportunities;
- To identify issues/barriers to geothermal development;
- To provide examples of and discuss potential policy options that would advance geothermal development

9:00 Welcome, speaker: (TBA)

9:15 **Current Events Influencing the Discussion of Geothermal Development in Utah.**
Speakers: *Richard Carrig, USDA; Commissioner Peterson, UT Department of Agriculture and Food, Rural Economic Development Boards (invited)*

9:30 **Panel Discussion: Opportunities and Business Applications – Agriculture, Aquaculture, Industrial Processing**

- ? Overview, Direct Use Applications - *John Lund, Oregon Institute of Technology*
- ? From the field - *Bill Gordon, Milgro Greenhouses*
- ? Direct Use and Impact on Local Economies - *TBA*
- ? Q&A

10:30 Break

10:45 **What You Need to Know: An Overview of the Relevant Regulations**
Speaker: *Gordon Bloomquist, Washington State University/Geothermal Resources Council*

Q&A

11:15 Panel Discussion: How to Finance Development

- ? Liz Battocletti, Bob Lawrence and Associates
- ? Bob Hendricks, UT State Office of the BLM – Overview/summary of December 9, 2003 lease sale
- ? Rick Carrig, USDA - overview of the process for obtaining USDA money, where to get information. Specific information to be made available at participant's choice during lunch.
- ? Q&A

12:00 LUNCH (Provided)

1:00 Panel Discussion: Identifying the Issues/Barriers to Geothermal Development in Utah

What Issues are Developers Faced with that the State Can Influence? Focus will be on how to proactively identify and avoid conflicts related to siting and access.

How it Works From the Regulatory Side

- ? BLM representative –
- ? Bob Hendrix, BLM State Office Fluids/Minerals (*invited*)
- ? Margie Tempest, UT Division of Water Rights
- ? Christine Watson, UT Energy Office

Here's what it really looks like from the field

- ? Bill Gordon, *Milgro Greenhouses*

2:00 Overview: Potential Policy Options to Advance Geothermal Development

Panel: Panelists will briefly describe a policy option that is known to be successful and what the intended outcomes are.

Panelists: *Rich Carrig, USDA; Liz Battocletti, Bob Lawrence and Associates; John Lund, Oregon Institute of Technology; Gordon Bloomquist, Washington State University/GRC; Sara Wright, Utah Clean Energy Alliance*

Q&A

3:15 Break

3:30 Facilitated Discussion: Given the preceding overview, which might prove most promising for Utah?

4:15 Next Steps

4:30 Adjourn