Exploring Utah Geothermal Opportunities: Development and Financing

Marriott Salt Lake City Downtown-Alta Snowbird Room
75 South West Temple
Salt Lake City, Utah
January 20, 2004
9:00-4:30
Draft Agenda

Co-sponsors: UT State Working Group, National Geothermal Collaborative and Geothermal Resources Council

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

9:00 Welcome: Commissioner Peterson, UT Department of Agriculture and Food; Kermit Witherbee, Group Manager for Fluid Minerals

9:05 Current Events Influencing the Discussion of Geothermal Development in Utah.
- Bob Blackett, UT Geological Survey; (summary of geothermal development in state)
- Bob Henricks, UT State Office of the BLM – (Overview/summary of December 9, 2003 lease sale);
- Bob Neilson, INEEL, (Geopowering the West);
- Kathleen Rutherford or Dan Schochet, (National Geothermal Collaborative).

9:30 Panel Discussion: Opportunities and Business Applications – Agriculture, Aquaculture, Industrial Processing (8-10 minutes each)
- Overview, Direct Use Applications -John Lund, Oregon Institute of Technology
- From the Field - Bill Gordon, Milgro Newcastle Greenhouses
- From the Pool- Jim Witcher-Southwest Technology Institute/New Mexico State University, Las Cruces /John Lund
- To the Wallet – Jim Witcher
- Q&A

10:30 Break

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

11:15 Panel Discussion: How to Finance Development
- Liz Battocletti, Bob Lawrence and Associates
Richard Carrig, Rural Business Programs Director, USDA, Utah - overview of the process for obtaining USDA money, where to get information.

Q&A

12:00 LUNCH (Provided)

1:00 Panel Discussion: Identifying the Issues/Barriers to Geothermal Development in Utah (10 minutes each)

**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*
- Kermit Witherbee, Group Manager for Fluid Minerals, BLM-Overview BLM Geothermal Program
- Bob Henricks, BLM State Office Fluids/Minerals
- Margie Tempest, UT Division of Water Rights

*Here’s what it really looks like from the field*
- Bill Gordon, Milgro Newcastle Greenhouses
- Dan Schochet, Ormat
- Eric Magleby, Amp Resources

Q & A

2:15 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 were.

Panelists:
- Gordon Bloomquist, Washington State University/GRC (History of policy and incentive programs)
- Christine Watson, State Energy Office (How the UT SEO functions relative to policy/programs)
- Rich Carrig, USDA; (Summary of Farm Bill Funding)
- Sarah Wright, Utah Clean Energy Alliance (state tax credit, sales-tax exemption bill, RPS)
- Bob Neilson (Energy Bill, Geothermal Program)
- John Lund (Technical Assistance)

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