AGENDA

GEOTHERMAL LEASING, UNITIZATION, AND WATER USE LEGAL ISSUES

Anna Carter, Charlene Wardlow and Paula Blaydes
Co-Chairs

DAY 1: GEOTHERMAL LEASING AND UNITIZATION

8:45  Elements of Geothermal Leases, Part 1
      Kevin Talkington, Calpine Corporation

9:15  Elements of Geothermal Leases, Part II
      Vince Signorotti, EnergySource

9:55  Geothermal Energy Leasing on BLM Managed Lands
      Sean Hagerty, BLM Geothermal Program Lead, Sacramento, California

10:25 BLM Permitting of Exploration and Drilling
       Wyndy Rausenberger, Attorney-Advisor, Dept. Interior, Washington, D.C.

10:55 Geothermal Development of U.S. Department of Defense Lands*
       Andrew Sabin, Navy, U.S. Dept. of Defense (DOD)

11:25 Geothermal Leasing/Development of Tribal Lands*

1:00  Oregon State Geothermal Definitions, Ownership of Geothermal Resources,
       and Leasing of Oregon State-owned Lands*
       Chris Castelli, Oregon Department of State Lands

1:30  California State Geothermal Definitions, Ownership of Geothermal Resources,
       and Leasing of California State-owned Lands*
       Joe Fabel, California State Lands Commission

2:00  Making Sense of Definitions and Ownership of Geothermal Resources and Recent
       Developments in Washington State
       Kathleen Callison, Callison Law

3:05  Identifying Parameters of Geothermal Reservoirs*
       Al Waibel, Columbia Geoscience
Overview of Federal Geothermal Units and Unit Agreement Regulations
Steven Storo, Geothermal Project Manager, BLM-Oregon

Correlative Rights, the Rule of Capture and Other Common Law Tales
Jennie Bricker, Bricker Law and Mediation

DAY 2: WATER USE IN GEOTHERMAL EXPLORATION AND DEVELOPMENT, STATE WATER RIGHTS, AND FEDERAL WATER REGULATION

8:15 Water Use in Geothermal Exploration and Development
Randy Peterson, Ormat

9:00 Advanced Geothermal Technology Solutions: Water Use and EGS
Susan Petty, AltaRock Energy

9:30 Development of Direct-Use Geothermal Projects
Toni Boyd, Geo-Heat Center, OIT

10:15 STATE WATER RIGHTS PANEL – Kathleen Callison, Callison Law, Moderator

10:15 Overview of Western Water Law and Washington/Oregon Water Rights
Kathleen Callison, Callison Law

10:40 Water Rights for Geothermal Applications in Nevada
Randy Peterson, Ormat

11:05 An Overview of California’s Water Rights Laws
Paula Blaydes, Blaydes & Associates

11:20 IID’s Colorado River Water Entitlement, Consumptive Uses and the Salton Sea Renewable Energy Initiative Nexus*
Tina Shields, Imperial Irrigation District

1:05 Surface Discharges and Injection of Produced Geothermal Water
Scott Nichols, US Geothermal

1:45 Injection of Municipal Wastewater at “The Geysers” in California*
Julio Garcia, Calpine Corporation

2:10 Federal Reserved Water Rights and Environmental Analysis: A Field Level Overview
Karen Endres, Hydrologist, BLM, Battle Mountain, NV

2:35 The Nature of the Geothermal Resource – Mineral in Character?
Union Oil and Rosette Decisions
Personal Viewpoint of Wyndy Rausenberger

3:00 “Waters of the U.S” – The Army Corps of Engineers 404 Dredge and Fill Permits*
Anita M. Andazola, U.S. Army Corps of Engineers, Portland
3:40  **Geothermal Permitting: Exploration to Power Generation**  
Scott Nichols, US Geothermal

4:10  **Project Development: Exploration to Power Generation**  
Randy Peterson, Ormat

*Note:* Asterisks indicate workshop Powerpoint not authorized for posting on GRC website. 
To contact Speakers or Co-Chairs, see *Chairs and Speaker BIOS AND CONTACTS* file.

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