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- 3Degrees Group Inc.
- Desert Research Institute at the University of Nevada, Reno
- Federal Energy Regulatory Commission
- Geothermal Energy Association
- Law Office of Kathleen Callison, P.S.
- Law Office of Alan Waltner
- MacKedon McCormick & King
- Milbank Tweed Hadley & McCloy LLP
- NV Power
- Ormat Technologies
- Orrick Herrington & Sutcliffe LLP
- Ram Power Inc.
- Sifford Energy Services
- Southern California Edison
- Stoel Rives LLP
- US Bureau of Land Management
- US Renewables Group
- Vulcan Power Company

A Comprehensive Two-Day Conference on

Geothermal Energy in the West

Structuring, developing and financing geothermal energy
Featuring FERC Commissioner Marc Spitzer

March 26 & 27, 2009

Los Angeles, California

Millennium Biltmore Hotel Los Angeles

Credits: CA MCLE 13 (call about others)

Quick when/where: 8:30 a.m., 506 South Grand Avenue

Geothermal Energy in the West Conference

March 26 & 27, 2009 | Los Angeles, California
Millennium Biltmore Hotel Los Angeles

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8:00 Registration and Continental Breakfast

8:30 Introduction and Overview

Edwin F. Feo, Esq., Program Co-Chair
Milbank Tweed Hadley & McCloy LLP ~ Los Angeles, CA

William H. Holmes, Esq., Program Co-Chair
Stoel Rives LLP ~ Portland, OR

Kevin R. McSpadden, Esq.
General Counsel, Program Co-Chair
Vulcan Power Company ~ Bend, OR

8:45 Geothermal Geology: What are the Resources in the West and What are the Development Costs?

Resource and reservoir assessment

James Combs, Ph.D., Chief Scientist
Vulcan Power Company ~ Reno, NV

9:30 The Critical Issue of Water: How Does the Water Map Fit With the Geothermal Map?

The hydrology of water resources in the Great Basin

Clay Cooper, Ph.D.
Associate Research Professor, Division of Hydrologic Sciences
Desert Research Institute at the University of Nevada, Reno
Reno, NV

10:15 Break

10:30 Developments in Geothermal Technology: An Increasing Variety of Approaches and What They Need to be Viable

New approaches with the potential to produce energy from geothermal resources that traditionally would not be economical due to lack of water and/or permeability; where the research is leading us

B. Alexander Sifford, III, Principal
Sifford Energy Services ~ Neskowin, OR

Current binary technology available to geothermal developers

Philip Messer, PE, Sr. Division Manager
PBS&J ~ Phoenix, AZ

12:00 Lunch (on your own)

1:15 Filling the Gaps in the Transmission Map: How Are the Challenges Different for Geothermal Than Other Renewables

Existing transmission availability; transmission studies and expected new capacity from projects in the works; interconnection queues and open seasons; applicability of access and integration problems of wind developers (baseload vs. intermittent)

Daniel N. Schochet, Executive Vice President
Ram Power Inc. ~ Reno, NV

2:00 Special Address: Evolving Federal Policies Towards Geothermal Development

Changes in the first 100 days of the Obama administration and what to expect going forward

The Hon. Marc Spitzer, Esq., Commissioner
Federal Energy Regulatory Commission ~ Washington, DC

2:45 Break

3:00 Producer and Utility Strategies for Procuring Geothermal Energy

Needs and wants, negotiating processes and primary issues to resolve

David Spielberg, Esq., Moderator
Orrick Herrington & Sutcliffe LLP ~ San Francisco, CA

Purchasing utility perspective

Thomas R. Fair, Vice President, Renewable Energy
NV Power ~ Las Vegas, NV

Daniel Chase,
Contract Negotiator; Renewable & Alternative Power
Southern California Edison ~ Rosemead, CA

Producer perspective

Thomas King, Managing Director
US Renewables Group ~ New York, NY

5:00 Continue the Exchange of Ideas: Reception for Faculty and Attendees

Sponsored by Stoel Rives LLP



About the Conference

LAW SEMINARS INTERNATIONAL

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As western states increasingly adopt high targets for electric energy from renewable sources with low or zero carbon emissions, interest in geothermal energy is at an all time high. This coincides with technological developments that make geothermal generation feasible at sites that formerly would not have been economically viable.

While demand is increasing, there are challenges for developers and distribution utilities to overcome before additional geothermal generation can become a reality. This first-of-its-kind conference brings together leading federal and state policy makers, attorneys, developers, utility managers and financial players to address regulatory, legal and business issues in geothermal development. These high-level speakers will address the present status and prognosis for federal and state policies, the next wave of technology that will make a difference and necessary preconditions for increased growth in this sector. The pace of development is impressive and demand is rising. There is a genuine need to "ground truth" the heady promises of geothermal energy.

While the conference provides an excellent overview of the pertinent law, policy and economics, our goal is to convene a sophisticated, focused faculty and audience, in order to stimulate new insights and discussions that will affect the future direction of geothermal energy as it continues to rise in regional importance.

~ Program Co-Chairs: Edwin F. Feo, Esq., William H. Holmes, Esq. and Kevin McSpadden, Esq.



8:00 Registration and Continental Breakfast

8:30 Development and Permitting of Geothermal Projects on Public and Tribal Lands

Federal: Laws and agencies; BLM's new leasing policies and processes; royalty levels and structures; results of the December 19 auction and what they imply for the future

Kermit Witherbee, National Geothermal Program Manager U.S. Bureau of Land Management ~ Washington, DC

Tribal: Working with Indian Tribes; dealing with cultural resources issues

Michael P. O'Connell, Esq. Stoel Rives LLP ~ Seattle, WA

California's new one-stop permitting process: Renewable Energy Action Team; new renewable targets; priority areas for development; concurrent review of permit applications; coordination with federal BLM and Fish and Wildlife Service

Alan C. Waltner, Esq. Law Office of Alan Waltner ~ San Francisco, CA

10:30 Break

10:45 Water Use and Injection in Geothermal Development

How water rights work in the western states including processes for acquiring new water rights; critical issues in water use and injection; recent legislative activity and prospects for change

Kathleen Callison, Esq. Law Office of Kathleen Callison, P.S. ~ Tumwater, WA

What to do when water needed for geothermal exploration and operation is limited; water markets and leasing/use transactions; typical deal terms

Steven D. King, Esq. MacKedon McCormick & King ~ Fallon, NV

12:00 Lunch (on your own)

1:15 Obtaining Financing for Project Development

Issues in geothermal project financing: The money that people want to see before investing; structuring the deal to fit today's tight financial markets; ways to make effective use of tax credits and tax equity

Kevin McSpadden, Esq., General Counsel, Program Co-Chair Edwin F. Feo, Esq., Program Co-Chair

2:45 Break

3:00 Geothermal Project Development and Operation

Geothermal development leases: How does geothermal leasing differ from oil and gas leasing? Title issues-what to do for a good geothermal lease? Minerals? Surface? Water rights?

Jerry R. Fish, Esq. Stoel Rives LLP ~ Portland, OR

3:45 Green Power Marketing: Achieving a Premium Price from the Green Tag

How to sell to the California market; whether a utility must buy energy and a green tag together, or can assemble them into a package; getting the power to the purchaser without losing the green designation

Dan Kalafatas, President 3Degrees Group Inc. ~ San Francisco, CA

4:30 Evaluations and Adjourn

Upcoming Seminars:

Climate Change Regulation and Policy	March 19-20, 2009	Washington, DC
Complex and Mixed-Use Developments	April 15, 2009	Walnut Creek, CA
Land Use	April 20-21, 2009	Seattle, WA
Transportation and Climate Change in California	May 20, 2009	San Francisco, CA

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Tuition: Regular tuition for this program is \$1245 with a group rate of \$1095 each for two or more registrants from the same firm. For government employees, we offer a special rate of \$945. For students and people in their job for less than a year, our rate is \$622.50. All rates include admission to all seminar sessions, food and beverages at breaks, and all course materials. Make checks payable to Law Seminars International.

Substitution & Cancellation:

You may substitute another person at any time. We will refund tuition, less a \$50 cancellation fee, if we receive your cancellation by 5:00 p.m. on

Thursday, March 19, 2009. After that time, we will credit your tuition toward attendance at another program or the purchase of a Homestudy. There is a \$25 cancellation fee for Course Materials orders and \$50 for Homestudy orders.

Seminar Location: The conference will be held at the Millennium Biltmore Hotel Los Angeles at 506 South Grand Avenue in Los Angeles, CA 90071-2607. Call Amy Chacon directly at (213) 612-1531 for reservations at the special negotiated rate of \$180 per night and mention that you are attending a Law Seminars International conference. Rooms are on a first come, first served basis.

Continuing Education Credits:

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Faculty: Geothermal Energy in the West Conference

Edwin F. Feo, Program Co-Chair, partner in the international law firm of Milbank Tweed Hadley & McCloy LLP, is a co-chair to the firm's project finance and energy practice. He focuses on renewable energy projects for sponsors and investors. He is listed in the *Best Lawyers in America*, the *Top 100 Lawyers* and *Attorney of the Year* by *California Lawyer* magazine.

William H. Holmes, Program Co-Chair, partner at Stoel Rives LLP, focuses on energy law, with an emphasis on wind, geothermal, biomass, tidal and ocean power, and other forms of renewable energy. He is listed in the *Best Lawyers in America* and is the Energy and Telecommunications practice group leader at the firm.

Kevin R. McSpadden, Program Co-Chair and General Counsel for Vulcan Power Company, focuses on matters related to structuring, development and financing of energy infrastructure and power generation projects involving a wide range of fuels.

The Hon. Marc Spitzer, Special Address, Commissioner at the Federal Energy Regulatory Commission (FERC), focuses on supplies of electricity and natural gas, wholesale energy markets and transmission systems. Previously he was Chairman of the Arizona Corporation Commission.

David Spielberg, partner and member of the Energy and Finance Group at Orrick Herrington & Sutcliffe LLP focuses on project financing of conventional power plants and renewable energy, development, construction and acquisition. He is listed in *The Best Lawyers in America* and *Chambers USA*.

Kathleen Callison, Attorney at Law at The Law Offices of Kathleen Callison, P.S., focuses on water rights, water supply, reclaimed water and geothermal resources.

Dan Chase, Contract Negotiator at Southern California Edison's Renewable & Alternative Power Department has worked in many aspects of the energy industry including project development, analysis, finance, and operations.

James Combs, Ph.D., Chief Scientist at Vulcan Power Company, is a member of senior management who focuses on structuring, monitoring, and analyzing geothermal exploration surveys, including geological mapping, geochemical, gravity, magnetotelluric and TDEM, and seismic reflection surveys.

Clay Cooper, Ph.D., Associate Research Professor at the Desert Research Institute at The University of Nevada, Reno, focuses on analysis and simulation to understand transport phenomena and fluid dynamics in multi-phase, multicomponent systems above and below the land surface.

Thomas R. Fair, Vice President of Renewable Energy at NV Power and Sierra Pacific Power is responsible for the procurement and development of renewable energy including geothermal, solar and wind for both companies.

Jerry R. Fish, partner at Stoel Rives LLP, focuses on natural resources law, with an emphasis on matters relating to oil and gas exploration and storage, hydroelectric project and relicensing and compliance. He is listed in *The Best Lawyers in America*.

Dan Kalafatas, President of 3Degrees Group Inc., a national carbon and renewable energy marketing and services firm, serves 30 Fortune 500 firms and business and utility customers with a variety of climate mitigation products and services.

Steven D. King, partner at MacKedon McCormick & King, focuses on basic water rights and geothermal energy.

Thomas King, Managing Director at US Renewables Group

provides strategic and financial advice and execution on multi-billion dollar structured, project, cross-border and acquisition financings in the power, utility, environmental and energy sectors.

Philip H. Messer, PE, Operations Manager at PBS&J, focuses on consulting, operations, maintenance, construction and management related to mineral processing, petroleum, power and geothermal energy projects.

Michael P. O'Connell, partner at Stoel Rives LLP, focuses on natural resources, environmental, energy and Indian law. Previously he was General Counsel to the Hopi Tribe and was in the Office of Reservation Attorney for the Quinault Indian Nation.

Daniel N. Schochet, Executive Vice President at Ram Power Inc., is a current Member of the Board of the Geothermal Resources Council, and has served on the Peer Review Committee of the U.S. D.O.E.'s "Geo Powering the West" program.

Alex Sifford, Principal at Sifford Energy Services, works with private sector, government and electric utilities in the areas of power supply and demand-reduction services. He provides geothermal outreach, coordination and technical assistance services to the Oregon DOE.

Alan C. Waltner, principal at the Law Office of Alan Waltner, focuses on federal and state regulatory programs that apply to major private development and public infrastructure projects.

Kermit Witherbee, National Geothermal Program Manager at U.S. Bureau of Land Management, has had staff and supervisory responsibilities in the energy minerals program, including geothermal and oil and gas leasing and management, permitting, compliance, reservoir management, evaluations, as well as national level policy development.

March 26 & 27, 2009
Los Angeles, California

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Los Angeles

506 South Grand Avenue
(800) 245-8673

Who Should Attend:

Attorneys, industry executives, public officials, and consultants interested in geothermal development as a low carbon emission technology and as a way for meeting renewable portfolio standards

You Will Learn About:

- Evolving federal policies
- Critical water issues for geothermal development
- New developments in technology
- Transmission availability
- Resources and development costs
- Producer and utility strategies for procuring geothermal energy
- Development and permitting projects on Tribal lands
- Water rights and recent legislative activity
- Obtaining financing
- Geothermal development leasing
- Green power marketing: How to sell to the California market

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