

**National Geothermal Collaborative**  
*Final Meeting Summary*  
*Impediments to Siting on Federal and Tribal Lands Workgroup*  
 April 9, 2003  
 Conference Call

**In attendance:**

Jessica Alcorn – White House Task Force on Energy Project Streamlining  
 Gordon Bloomquist – Washington State Univ.  
 Liz Battocletti – Bob Lawrence and Associates  
 Paul Dunlevy – Bureau of Land Management  
 Karl Gawell – Geothermal Energy Association

Arlene Rocobado – Southern California Edison  
 Susan Norwood – Department of Energy

**RESOLVE Staff:**

Kathleen Rutherford – RESOLVE Inc.  
 Jody Erikson – RESOLVE, Inc

**Decisions Made:**

Number	Decisions
1.	Impediments Findings document will be completed as a separate project from the workshops. Begin shaping workshops now.
2.	Convene a workshop/dialogue on issues pertaining to geothermal leasing and development on DOD lands with select and invited participants.
3.	Schedule the workshop on DOD lands for the first week of June.
4.	Conduct the workshop on DOD lands prior to the Impediments Findings document becoming an NGC consensus document.
5.	Do NOT conduct a workshop on royalty issues, there would be duplication of effort and the best timing for such a workshop would be too soon for the NGC to organize one.
6.	Conduct a workshop on geothermal development on Tribal lands.
7.	Utilize upcoming tribal meetings to gather input for developing the workshop on Tribal lands.
8.	Conduct a meeting prior to the Tribal Lands workshop to introduce/explain the possible options for geothermal use for tribes (mostly direct use).
9.	Conduct an ‘Introduction to the Geothermal Resource’ workshop in the end of May, early June at a location with a resource like Oregon Institute of Technology.
10.	Conduct the workshop on Tribal lands in conjunction with the Indian Energy conference in early September in San Diego.

**Action Items:**

1. *DOD Lands Workshop*
  - ? Paul Dunlevy will send RESOLVE names and contact information for potential participants for the DOD lands workshop.
  - ? Gordon Bloomquist will send RESOLVE a copy of the presentation from GRC 2002 Annual Meeting that includes a list of names to contact for the DOD lands workshop.
  - ? RESOLVE will contact Gwetta Mazzetti, DOD.
  - ? RESOLVE will conduct extensive convening interviews with all potential workshop participants to gain a clear understanding of all the issues, interests and key players. This information will be used to structure the dialogue in way that stands to benefit all participants.

2. *Tribal Lands Workshop*

? RESOLVE will gather information and contact names before the end of June.

3. *Other*

? RESOLVE will revise the December NGC SC meeting summary to include Gordon Bloomquist in the attendance list

? Karl Gawell will send RESOLVE the name of the Forest Service Regional Supervisor from Idaho/Nevada, and the Sierra club contact.

### **Meeting Objective**

The objective of this meeting was to discuss the relationship between Findings document and the proposed workshops and initiate the development of those workshops (topic area, audience, when and where).

### **Introduction**

Kathleen gave an update on the impediments document and the time line. The timeline has slipped due to rescheduling the date of the NGC SC meeting to May. These changes will allow the work group to develop a better product to share with the NGC SC. Kathleen received final materials for the document last week; due to this only minor changes have been made to the document from the last meeting. She intends to implement the major changes in the next two weeks.

### **Impediments Document – DOD Section**

Kathleen had a conversation with Frank Monestaro, Geothermal Programs Manager for DOD. His strong opinion is that there are no impediments to developing on DOD lands. He also asked why there was no DOD representation on the NGC SC. Kathleen related to him that there was no design rationale for this, and asked if he or someone else from DOD would be interested.

Discussion on the DOD section of the document indicated that the section should report conversations like those with Frank Monestaro and with industry representatives.

ACTION: Paul will send Kathleen names of people to speak with regarding the issue. Karl prepared documents that touched on the DOD issues. Karl will give Kathleen Gwenetta Mazzetti's contact information.
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### *Discussion:*

At present, access by developers to the geothermal resource on DOD lands is restricted and permission must be acquired from the base commander.

There are two types of DOD lands, those that are 'acquired' and those that are 'withdrawn'. DOD acquired lands are not public lands. DOD withdrawn lands are public lands managed by BLM. Access to the resource on both is granted by the military and BLM will not issue a lease without military concurrence.

It is important to review the presentation made by the assistant secretary to the Navy at the GRC annual conference as a foundation piece to begin convening the workshop. The presentation included a list and a map that showed the more than 30 sites that the Navy felt had high potential for geothermal development on military lands. The presentation also showed jurisdiction between different military branches.

**ACTION:** Gordon will get a copy of the presentation to RESOLVE.

**AGREEMENT:** The Impediments Findings document is a process, with a beginning, middle, and end, separate from the workshop process. The work group will decide how to document outcomes from the workshop, separately from the Findings document. “If the workshop(s) produce consensus recommendations that serve the interests of all stakeholders, the Work Group will compile those recommendations and submit them to the NGC for full membership adoption. The NGC will disseminate consensus recommendations and reports to policy-making bodies and all interested stakeholder groups.” (Scope of work)

*Next Steps:*

April 18<sup>th</sup> - Kathleen will disseminate the revised document

April 29<sup>th</sup> – Work group members will submit final comments on the document to RESOLVE

May 5<sup>th</sup> – RESOLVE will disseminate the iterative draft document to the NGC SC

June 12<sup>th</sup> – NGC SC meeting, the SC will review the document for final consensus

**Workshops**

The purpose of the Findings document is assist in convening workshops to clarify issues and explore possible solutions. Kathleen began the discussion of possible workshops by reminding the group of the topics suggested at the February meeting in Washington, D.C.:

DOD Lands

Tribal Lands

Steam Act Changes

Difference between Wind and Geothermal

Positive Unintended Consequences

Workshop on DOD Lands:

The group agreed that a workshop on the issues surrounding DOD lands would be productive and timely.

*Discussion:*

There is a legislative subcommittee that is looking into the military lands issues. The conference committee on this legislation will likely begin/end in July or August. Information gathered from a workshop on DOD lands could inform the conference committee discussions.

The Defense Department is conducting a study to identify potential sources of energy, inventory them and, through the Homeland Security Act, secure the resources for military bases to become self-sufficient energy consumers. The Air Force received \$5 million dollars to study renewables and their viability to assist bases in becoming self-sufficient.

Caithness and DOD are negotiating a new contract at COSO. The negotiations began because there is a need for new investment and Caithness is hesitant to invest without a contract of sufficient enough duration for them to advertise for further investors.

Industry is not interested in investing in projects on DOD lands without having a roadmap or a clear system in place. Kathleen reflected that Frank Monestaro felt that this lack of a roadmap created the flexibility that made the program successful. From this a conversation began about

what is success of the program; by the law the program needed to expand, and it has not; yet, the one project on DOD lands is making money.

**AGREEMENT:** Conduct a DOD workshop the first week of June. Due to many of the political issues surrounding DOD lands the workshop needs to be tightly scoped with invitations going to a smaller group of individuals that represent the spectrum of stakeholders.

*Objective of Workshop:*

To begin a conversation in order to clarify and agree on the issues and to move toward resolution.

*Audience:*

Navy

Air Force

Army

Frank Monestaro

Cornel Lilly's replacement

Gwenetta Mazzetti - 202-363-0200, 256-6716 (c)

BLM

Industry – (Caithness is the sole operator of a geothermal energy generation on DOD lands.

Because they are in the midst of negotiations, another industry representative would be better positioned to participate in this conversation.)

Legislator from the subcommittee

States (Navy is not redistributing funds to states in the same way BLM does)

Tribal

Deputy Under Secretary – Bill Taylor

*Framing the Workshop:*

It is important to frame the workshop in a way that takes into account the fears of the parties, highlights the benefits to each participant, and stays away from the Caithness/DOD negotiations.

The threat to the Navy is that a source of off budget income will be eliminated. At the present moment Caithness writes a check to the Navy and not to the general fund. This puts funds directly into base coffers. Their incentive is to continue a funding stream for the base.

Fallon is classic example of BLM and Navy issues.

**ACTION:** Gordon will send Kathleen the presentation from GRC 2002 Annual Conference to use as a starting place to convene the workshop.

**ACTION:** RESOLVE will contact Gwetta Mazzetti

**ACTION:** RESOLVE will conduct extensive convening interviews with all potential workshop participants.

**AGREEMENT:** It is acceptable to schedule/host a workshop on DOD lands prior to the consensus of the NGC SC on the impediments document.

Workshop on Royalties:

The group agreed that a workshop on royalty issues would not be appropriate at this time.

*Discussion:*

MMS (Mineral Management Service) is in the process of conducting conferences and workshops on this topic. There is a related House bill on the floor today. By the time the work group organizes a workshop on this topic the problem will have congressional staff direction to dictate the solution.

AGREEMENT: Royalties is not a timely topic for workshop.

Workshop on Tribal Lands:

The group agreed that a workshop on the issues surrounding Tribal lands would be productive and timely.

*Discussion:*

The success of a workshop on Tribal lands would be greatly benefited by hosting a smaller, 'introduction to the geothermal resource/how to' technical workshop, for tribes to see direct use on the ground, prior to the Impediments workshop. This meeting would increase interest in the geothermal resource and lead into the workshop to clarify issues and move towards solutions. This meeting could be a joint GPW, NGC meeting.

The workshop will be developed with input from tribes gathered at different tribal conferences in the next month or two; gathering information regarding when, where, and who.

The Office of Indian Trust is hosting a conference to develop a flow chart of the process to develop oil and gas on Tribal lands, participants include BIA, BLM and tribes.

It is important to remember that tribes have little or no funding to travel to this workshop, and few tribes have the resources for geothermal generation. There are more tribes with resources for direct use.

AGREEMENT: The first smaller meeting should occur in the end of July, early August at a location with a resource like Oregon Institute of Technology. The Impediments workshop could be coupled with Indian Energy meeting in San Diego the first weekend in September.

ACTION: RESOLVE, from now to the end of June, will collect information and contact names for the tribal workshops and in July begin spreading the word for the meetings.

**Membership**

Kathleen happily announced that Bob Middleton, Whitehouse Task force on Energy Stream Lining, accepted a seat on the NGC SC. He also agreed to assist in establishing a representative from the forest service.

ACTION: Karl Gawell will give RESOLVE the name of the Forest Service Regional Supervisor from Idaho/Nevada and the Sierra club contact.

**Next Steps:**

**April 18<sup>th</sup>** - Kathleen will disseminate the revised document

**April 29<sup>th</sup>** – Work group member will submit final comments on the document to RESOLVE  
(**this date is firm if we are to meet the deadline to distribute the document to the  
NGC SC**)

**May 5<sup>th</sup>** – RESOLVE will disseminate the iterative draft document to the NGC SC

**June, first week** – Conduct the DOD lands workshop/dialogue

**June 12<sup>th</sup>** – NGC SC meeting, the SC will review the document for final consensus

**July/August** – Conduct the smaller ‘Introduction to the Geothermal Resource’ workshop for tribes

**September** – Conduct the Tribal Lands Impediments workshop