**Geothermal Frontiers Forum 2019**

Location: Center for the National Interest,
1025 Connecticut Avenue NW, Suite 1200, Washington DC
May 7, 2019

**Moderator**

David Mohler, Chief Executive Officer, EON, Senior Advisor Clean Air Task Force, DOE Deputy Assistant Secretary for Fossil Energy, Obama Administration.

**EON/CATF Staff**

Eric Ingersoll, Chief Strategy Officer, EON
Dr. Bruce Hill, Senior Geoscience Advisor EON; Chief Geologist, Clean Air Task Force.

**Enhanced Geothermal Energy Experts**

Dr. Joe Moore, Professor, University of Utah, DOE FORGE principal investigator
Susan Petty, HotRock Energy Research Organization (HERO)
Dr. Jeff Bielicki, Professor, Ohio State University

- 8:30-9:00 Continental breakfast.
- 9:00-9:15 David Mohler: Welcome and introductory comments.
- 9:15-9:30 Bruce Hill: Concept of supercritical EGS.
- 9:30-10:00 Eric Ingersoll: Economics and incubation of supercritical EGS.
- 10:00-10:30 Dr. Joe Moore: Progress in engineered hot dry rock geothermal systems (EGS) and the US DOE Frontier Observatory for Research in Geothermal Energy (FORGE).
- 10:30-10:45 Coffee Break.
- 10:45- 11:15 Susan Petty: The "Moonshot": Hot supercritical $H_2O$ and $CO_2$ engineered geothermal energy systems.
- 11:15-11:45 Dr. Jeff Bielicki: $CO_2$ EGS systems.
- 11:45- noon Q&A
- 12:00-1:00 Lunch (provided)
- 1:00-2:30 Expert panel and audience discussion: Moving supercritical EGS forward. Lead off statement (5 minutes each) followed by general discussion. David Mohler, moderator; Panelists: Joe Moore, Susan Petty, Jeff Bielicki, Eric Ingersoll.
- 2:30 Adjourn.

# S-EGS Panel Discussion Questions.

Panelists: Please give 5-minute statement, which will be followed by discussion with audience.

1. *What would a program to bring supercritical EGS to the global market in 10-15 years look like?*

2. *Where will technical innovation be required to overcome challenges and risks of S-EGS?*

3. *Who are the natural partners who could come together to bring the resources needed?*

4. *Globally, where could S-EGS be developed and eventually be deployed with the most chance for initial success?*

5. *What are the primary transition challenges?*

6. *What are the next steps? Who needs to be involved in mapping a strategy from here?*