

First Announcement and
Call for Speakers

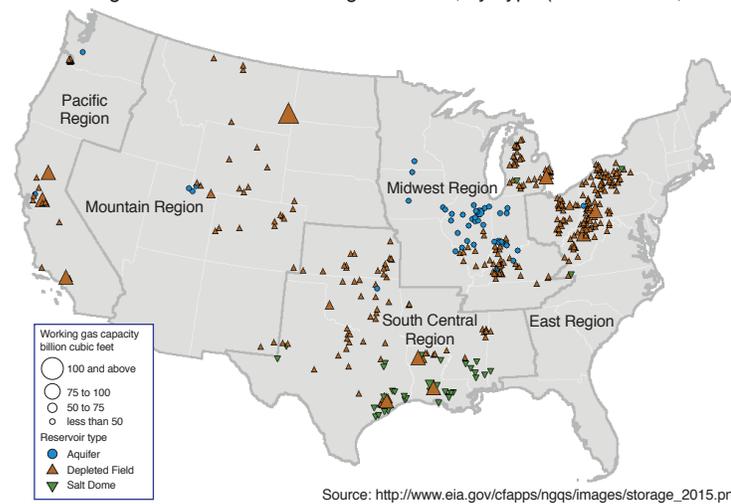


U.S. DOE National Laboratories

Workshop on Well Integrity for Natural Gas Storage in Depleted Reservoirs and Aquifers

Denver, Colorado, July 12-13, 2016
esd.lbl.gov/wellintegrity/

U.S. Underground Natural Gas Storage Facilities, by Type (December 31, 2015)



Workshop Topics

- Risk and subsurface integrity management of gas storage fields
- Case studies relating to construction/design and operation/maintenance of gas storage wells
- Regulatory requirements and regulatory oversight activities
- Best practices
- Advanced technologies for assessing well integrity
- Modeling and simulation of accident management processes
- Other topic areas directly related to managing risks associated with subsurface reservoir gas storage

Technical Committee

Barry Freifeld (Co-Chair), *Lawrence Berkeley National Lab*
Steve Bauer (Co-Chair), *Sandia National Lab* Scott Perfect (Co-Chair), *Lawrence Livermore National Lab* Grant Bromhal (Co-chair), *National Energy Technology Lab* Ken Harris, *State of California DOC/DOGGR*
Larry Kennedy - *Pacific Gas & Electric*
Kenneth Lee - *US Dept of Transportation/PHMSA*

Workshop Overview

Natural gas storage facilities are a critical component of our energy supply and distribution chain, allowing elasticity in gas supply to accommodate daily to seasonal demand fluctuations. As has been made evident by the recent Aliso Canyon Gas Storage facility incident, a loss of well integrity may result in significant consequences, including the prolonged shutdown of an entire facility. To reduce the risks of future events and improve storage integrity, selected U.S. DOE National Laboratories and industry partners are hosting a gas storage integrity workshop.

The objective of this workshop is to assemble operators, regulators, and technical experts to examine the current state of natural gas storage wellbore integrity, and to consider ways to reduce the possibility of future subsurface containment failures. This workshop will be a forum at which participants can discuss wellbore integrity risks, operational and wellbore construction practices, monitoring and testing of subsurface storage integrity, accident management (e.g., controlling leakage and blowouts), gaps in knowledge about wellbore integrity, and ways to improve the state of knowledge to address those gaps. Participants can share lessons learned from construction/design and operation/maintenance of gas storage and production fields and discuss whether regulations sufficiently address known risks and how regulations are supported by industry best practices.

Call For Abstracts/Presenters

Presenters are asked to submit a proposed title and short (200 word or less) abstract or presentation addressing one or more of the workshop topics listed above.

Panel Discussions

Panel discussions will be led by experts in the following areas:

- Best practices for managing risks associated with well integrity
- Regulations for ensuring safe gas storage operations – do we have necessary and sufficient rules in place?

Date and Location

July 12–13, 2016
Renaissance Boulder Flatiron Hotel
Broomfield, Colorado 80021

*The Registration Fee is \$200 and includes:
Day 1: Breakfast, Lunch, and Dinner
Day 2: Breakfast and Lunch*

Contact

To register for this workshop and for more information, please visit the event website: (<http://esd.lbl.gov/wellintegrity/>).

To attend the workshop please go online and fill out the online form. Space is limited.

We hope to see you in Denver!