



Welcome to the SMU Geothermal Lab newsletter for October. Hello to new members! Those of you who have new positions, send Christine at [geothermal@smu.edu](mailto:geothermal@smu.edu) your updated contact information. This month we have a Dixie Valley Synthesis from Dave Blackwell, a way to reduce flare gas, and information on Small Business Vouchers.

### SMU Geothermal Laboratory Notes

Are you interested in the **Dixie Valley geothermal area**? The SMU Geothermal Lab has completed a 428 page synthesis of studies in Dixie Valley during the past 40-50 years. To view the report, visit <http://www.smu.edu/~media/Site/Dedman/Academics/Programs/Geothermal%20Lab/Documents/Publications/DixieValleySynthesis.ashx?la=en>.

Join **Cathy Chickering Pace** of the **SMU Geothermal Lab** at TREIA's **GridNEXT** Conference in Houston, Texas on **November 11-13, 2015**. Cathy will moderate the session on Distributed Generation and the Geothermal Market. Learn about the latest trends impacting the Grid of the Future. More information: <http://www.treia.org/conference>.

Listen to the 'Shootin the Breeze' Talk Radio 1190 AM [show](#) with **Jeff Dye** (Earth Day Texas) and **Maria Richards** as they discuss with **Kristi Comuzzi** and **John Spicer** the geothermal use potential from geothermal heat pumps to the conversion of oil and gas wells to electrical production using the geothermal fluids. <http://www.smu.edu/Dedman/Academics/Programs/GeothermalLab/OutreachEducation>

### Geothermal News and Notes

A project in North Dakota has demonstrated a **new method for reducing oil and gas flaring**. Environmentally Friendly Drilling Systems, Gulf Coast Green Energy, and ElectraTherm partnered with the HESS Corporation to test the ElectraTherm Power+ Generator™ which captures natural gas that would otherwise be flared to generate emission-free electricity. More information and a video: <http://gulfoastgreenenergy.com/category/press-releases/> and [https://youtu.be/srTTY0J\\_E8](https://youtu.be/srTTY0J_E8).

Alaska Senator Lisa Murkowski has sponsored a bill called S. 2012: **Energy Policy Modernization Act of 2015**. This bill has been placed on the calendar in the Senate. You can keep track of the bill's progress at <https://www.govtrack.us/congress/bills/114/s2012>.

NREL has announced the 30 clean energy companies that will be presenting at the **Industry Growth Forum** on November 3-4, 2015 in Denver, Colorado. More information: <http://www.industrygrowthforum.org/>.

Geothermal Energy was featured as part of the **Energy from the Earth: Energy-Water-Land Connections** briefing series at the Longworth House Office Building in Washington, DC on September 15, 2015. More information: <http://sciencepolicy.agu.org/energyfromtheearth/>. Slides from the presentations will be available soon - click on the presenter's name.

The Investors Guide in the December issue of **Fortune magazine** will feature **Geothermal Energy** including Enhanced Geothermal Systems and new techniques making existing geothermal plants more efficient. Look for the issue on December 7, 2015.

### Opportunity for Funding

The Geothermal Technologies Office has announced a **Small Business Voucher Pilot**. Small clean energy businesses can receive vouchers for **expert technical assistance** at national labs including Sandia National Laboratories and Lawrence Berkeley National Laboratory. Eligible fields include Enhanced Geothermal Systems, Low Temperature Geothermal and Systems Analysis. More information:

<https://www.sbv.org/a/index>.

### Geothermal Heat Pump News and Notes

Missouri University of Science and Technology's **geothermal energy system** has exceeded its projected campus impact in the first year of operation. The system consists of 789 wells that are 400-440 feet deep and supply four plants. More information: <http://news.mst.edu/2015/09/missouri-st-geothermal-system-exceeds-first-year-goals/>.

### Other Event Details

**Abstracts** for the 41<sup>st</sup> **Stanford Geothermal Workshop** are due by Tuesday **October 27, 2015**. The workshop will be on February 22-24, 2016 in Stanford, California. More information:

<https://earth.stanford.edu/researchgroups/geothermal/stanford-geothermal-workshop>.

RPSEA is hosting **Interactive Workshop & Field Trip Focusing on Hydraulic Fracturing, Water Treatment, Chemical Flooding and Environmental Impact Issues in the Northern Appalachian Basin** on **October 27-28, 2014** in Canonsburg, Pennsylvania. More information: <http://www.rpsea.org/events/490/>.

RPSEA is hosting an **Induced Seismicity Workshop** on **November 4, 2015** in Houston, Texas. The goal is to provide a clearer picture of the impact of fluid injection on local seismic events. More information:

<http://www.rpsea.org/events/491/>.

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<http://www.treia.org/conference>.

Houston Renewable Energy Network is having a breakfast forum on **The Clean Power Plan: Implications for Renewables** on Tuesday, **November 17, 2015** in Houston, Texas. More information:

<http://houstonrenewables.org/event/the-clean-power-plan-implications-for-renewables/>.

**Registration** is open for the 2015 **Oil and Gas Environmental Conference** to be held **December 1-2, 2015** in Dallas, Texas. More information: <http://www.cvent.com/events/2015-oil-gas-environmental-conference/event-summary-bc32658d824743ae8058d37f55a9a766.aspx>.

## Calendar

**October 27-28, 2015 – RPSEA Hydraulic Fracturing Workshop**, Canonsburg, Pennsylvania. More information: <http://www.rpsea.org/events/490/>.

**November 3-4, 2015 - NREL Industry Growth Forum**, Denver, Colorado. More information: <http://www.industrygrowthforum.org/>.

**November 4, 2015 – RPSEA Induced Seismicity Workshop**, Houston, Texas. More information: <http://www.rpsea.org/events/491/>.

**November 11-13, 2015 – GridNEXT 2015**, Houston, Texas. More information on the **TREIA** website: <http://www.treia.org/conference/>.

**November 17, 2015 - Houston Renewable Energy Network breakfast**, Houston, Texas. More information: <http://houstonrenewables.org/event/the-clean-power-plan-implications-for-renewables/>.

**December 1-2, 2015 - Oil and Gas Environmental Conference**, Dallas, Texas. More information: <http://www.cvent.com/events/2015-oil-gas-environmental-conference/event-summary-bc32658d824743ae8058d37f55a9a766.aspx>.

**December 8-10, 2015 – PowerGen**, Las Vegas, Nevada. More information: <http://www.power-gen.com/index.html>.

**December 9-10, 2015 – NAPE**, Denver, Colorado. More information: <http://napeexpo.com/shows/about-the-show/denver>.

**February 22-24, 2016 - Stanford Geothermal Workshop**, Stanford, California. More information: <https://earth.stanford.edu/researchgroups/geothermal/stanford-geothermal-workshop>.