

Geothermal Policy Discussion

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Pagosa Verde
Symposium

Laboratory Snapshot

Only National Laboratory Dedicated Solely to Energy Efficiency and Renewable Energy

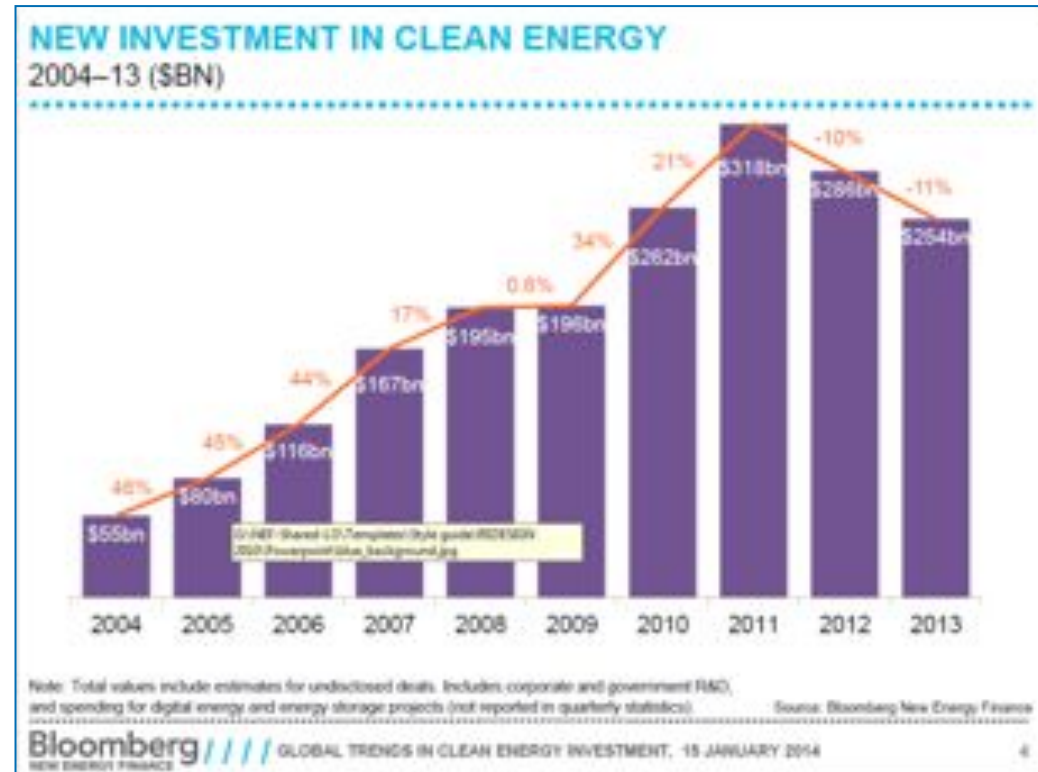
- Leading clean-energy innovation for more than 35 years
- 1,670 employees with world-class facilities
- Campus is a living model of sustainable energy
- Owned by the Department of Energy
- Operated by the Alliance for Sustainable Energy



Challenges to Success

Energy Market Barriers

- Inconsistent public policy
- Outdated infrastructure
- Lack of knowledge
- Global renewable industry investment declining
- Limited private investment





Small Business Voucher (SBV) Pilot

SBV Mission

To significantly increase the industrial impact of DOE national labs on the U.S. clean energy sector.

Goals

- Increase small business accessibility to lab capabilities
- Broaden lab awareness of small business needs and technologies
- Encourage labs to develop outreach strategies to showcase capabilities
- Align lab business practices with private sector timelines

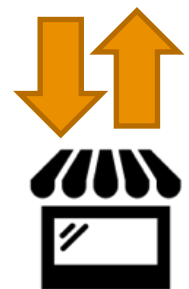
SBV Pilot Program Overview

DOE is making \$20M in vouchers available for use by small businesses at DOE laboratories.

- 9 Tech Offices contributed funds /staff to the pilot
- 5 labs will administer the pilot in 9 technology areas
- 17 labs are eligible to receive vouchers
- Vouchers limited to specific R&D areas (details TBD)
- Vouchers can only be used to access unique lab capabilities (capabilities that not available elsewhere)

Volume: ~100 small businesses at ~\$175K/voucher

Small businesses can receive up to \$300K in assistance



Capturing a Geothermal Voucher

- **Stage 1 – Conceptualize Project**
 - **Define the need**
 - **Is there a match to a National Laboratory capability?**
 - **Can project be defined within parameters of pilot?**
- **Stage 2 – Develop proposal**
 - **A call for requests will be issued in mid-September**
 - **Review and understand the requirements**
 - **Submit required documentation**
- **Stage 3 – Contracting (two options with non-negotiable terms)**

Some Useful Websites

Database of State Incentives for Renewables & Efficiency

- Comprehensive source of information on incentives and policies that support renewable energy and energy efficiency
 - <http://www.dsireusa.org>

Open Energy Information

- Wiki based platform with many energy topics and data sets
 - http://en.openei.org/wiki/Main_Page

Geothermal Prospector

- Web based GIS tool for geothermal analysis
 - <https://maps.nrel.gov/geothermal-prospector>

National Renewable Energy Laboratory

- www.nrel.gov

Small Business Vouchers Program (operational soon)

- www.sbv.org