

Welcome to the SMU Geothermal Lab newsletter for October. In this newsletter we have many congratulations, an opportunity for funding and some upcoming workshops.

## SMU Geothermal Lab News and Notes

Maria Richards and Joe Bati will be at the GRC Meeting in Reno, Nevada, October 17-18, 2018. Stop by the Deep Direct Use session on Monday afternoon to see the SMU presentation. There will also be a related presentation by Craig Turchi (NREL) Wednesday afternoon.

## Congratulations

Congratulations to ElectraTherm on being selected by the U.S. Department of Energy for approximately \$1.4 million towards a cooperative agreement. The milestone based funding will enhance reciprocating engine based combined heat and power (CHP) systems via integrated waste heat to power Organic Rankine Cycle (ORC) technology. More information: <https://electratherm.com/electrathermselectedfor-1-4-million-cooperative-agreement-from-department-of-energy-for-advanced-combined-heat-power-technology/>.

Congratulations to LoCap Energy on kicking off their technology validation/optimization project with NREL. More information: <https://locapenergy.com/about-copy/>.

Congratulations to C-Crete Technologies, LLC, Fervo Energy Company, and the Energy Research Organization (HERO) and Welltec, Incon being selected by the DOE for early stage research and development of tools and technologies for enhanced geothermal systems (EGS). More information: <https://www.energy.gov/eere/articles/energy-department-awards-445-million-geothermal-zonal-isolation-research>

Congratulations to Bert Shipley and his team from NET Power working on the new Allam Cycle technology that uses super critical carbon dioxide to drive a turbine for electricity production. More information: <https://www.bloomberg.com/news/videos/2018-07-03/this-natural-gas-plant-has-achieved-zero-emissions-video> and <https://www.mcdermott.com/Markets-Served/Power/NE-Power>.

## Opportunity for Funding

The U.S. Department of Energy's Water Power Technologies Office recently released a Funding Opportunity Announcement worth up to \$9 million for innovations that reduce cost and maximize the value of new stream.



