

REDSTONE



Redstone Arsenal Alabama, Large-Scale Renewable Energy Combined Heat and Power (CHP) Project

About Redstone Arsenal

Redstone Arsenal is a United States Army garrison located in the Tennessee Valley in Madison County, Alabama. The installation has over 70 tenant organizations including the US Army Materiel Command, US Army Aviation and Missile Command, Missile Defense Agency, U.S. Army Space and Missile Defense Command, and NASA Marshall Space Flight Center. Redstone Arsenal is made up of 38,125 acres of land, including 25,860 acres of test areas and supports 34,500 personnel. Redstone Arsenal is a nationally recognized Department of Defense and Federal Center of Excellence focusing on materiel and logistics management, aviation and missile research, development and engineering, space operations, missile defense, intelligence and homeland defense.

About U.S. Army Corps of Engineers, Huntsville

A major element of the U.S. Army Corps of Engineers, the U.S. Army Engineering and Support Center, Huntsville executes programs and specialized missions worldwide that require unique technical expertise, large acquisitions and centralized program management. Huntsville Center has been involved in the Army's energy program since the early 1980s and provides unique energy solutions for third-party financing using the Energy Savings Performance Contracting, Utility Energy Services Contracting and the electricity purchase program. Huntsville Center's electricity purchase program works closely with the OEI on large-scale efforts (10 MW and above) and directly with installations on small-scale programs (10 MW or fewer).

In October 2014, the U. S. Army Corps of Engineers, Engineering and Support Center, Huntsville, Alabama, in coordination with the U.S. Army Office of Energy Initiatives (OEI) and Redstone Arsenal released a Request for Proposals (RFP) for a Combined Heat and Power (CHP) project. A Notice of Intent for Award is anticipated to be announced in mid-2015.

The OEI continues to grow its large-scale renewable energy portfolio through partnering opportunities on Army installations with other federal agencies, private industry and local utilities.

Proposed Project Details

This project will produce steam required by the installation plus 160,000 MW-h/year of electric power for dedicated installation consumption. This project is anticipated to include a lease and a 30-year energy purchase authorized under 10 USC § 2667 and 10 USC § 2922a, respectively. The cost of power for the CHP project will be at or below projected utility rates.

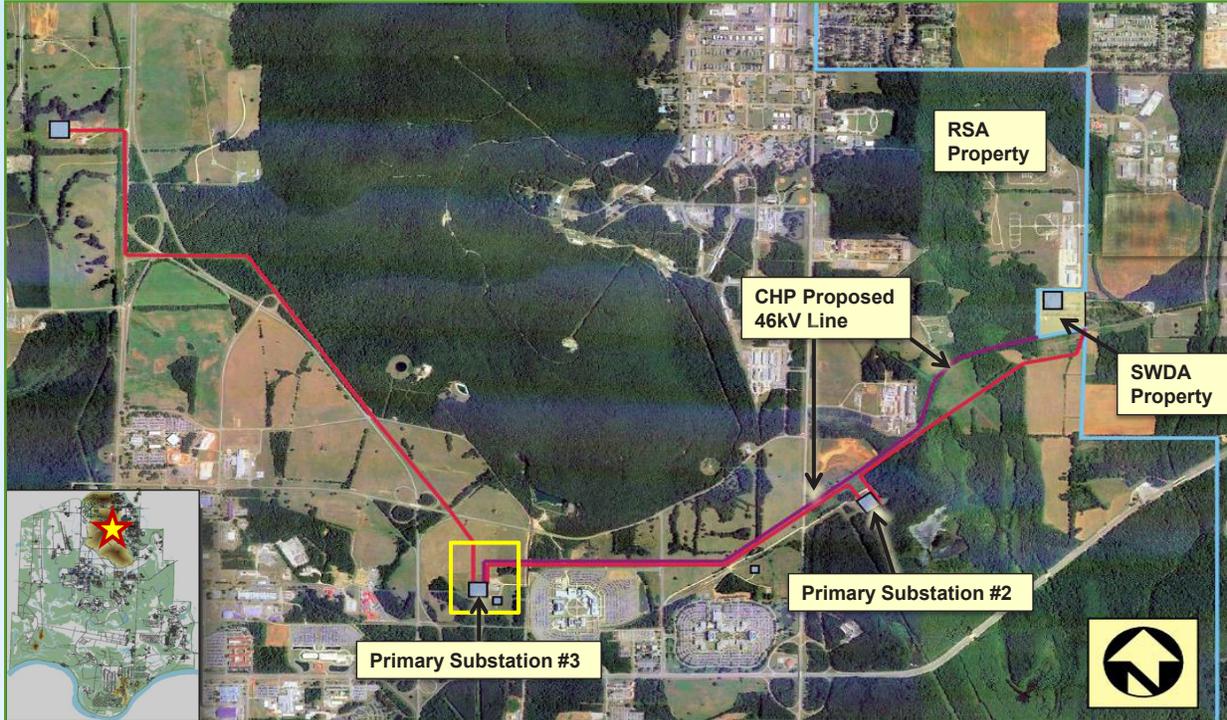
About OEI

The OEI, previously known as the Energy Initiatives Task Force (EITF), centrally manages, develops and executes large-scale (10 MW or greater), renewable energy projects, leveraging private financing. Renewable energy produced on Army installations increases energy security, enhances mission effectiveness, and provides a means to temper rising energy costs.



**US Army Corps
of Engineers.**

Electric Interconnect



Steam Interconnect



SWDA Solid Waste Disposal Authority
 REGF Renewable Energy Generation Facility
 RSA Redstone Arsenal
 SPCC Steam Point of Common Coupling

To continue the discussion and follow updates on social media, please use #HOOAenergy and visit the Army's Office of Energy Initiatives (OEI) website at www.oei.army.mil.

