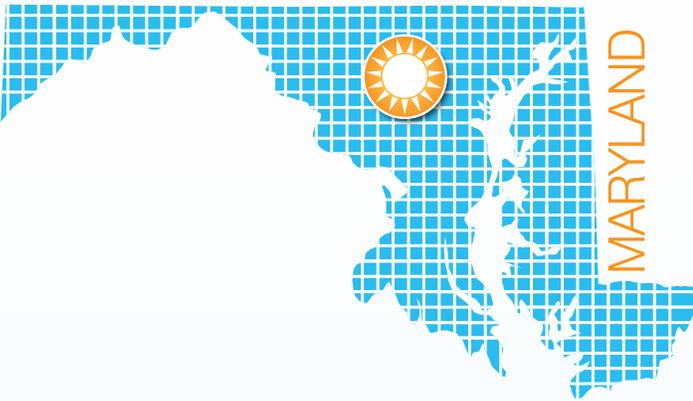


FORT DETRICK



Fort Detrick Large-Scale Renewable Energy Solar Project

In 2016, the large-scale 15 megawatt (MW) alternating current (AC)* solar project on Fort Detrick became fully operational, and is now producing electricity. The Fort Detrick solar project is the result of a collaborative partnership between the U.S. Army Office of Energy Initiatives (OEI), Fort Detrick, the Defense Logistics Agency (DLA) Energy, and Ameresco, Inc.

Project Details

- Located on approximately 67 acres of land on Fort Detrick
- Fort Detrick will consume all energy supplied by 59,994 solar panels
- Enough electricity will be generated to power about 2,720 homes per year
- The project includes a 25-year electricity purchase agreement
- Approximately \$3 million will be avoided in cost to the Army over the course of the contract
- The facility is designed to serve about 12 percent of Fort Detrick's total annual electric load requirements and is expected to reduce greenhouse gas emissions by 19,000 metric tons annually
- The project provides Fort Detrick with renewable energy at or below current and projected utility rates
- Ameresco finances, owns, and operates the solar project
- The onsite solar project is micro-grid capable to enhance energy security

*Alternating current (AC) is provided to consumers. Inverters convert the direct current (DC) from solar panels to AC and losses occur during conversion. ~15 MW AC = ~18.6 MW DC.

About Fort Detrick

Originally known as Detrick Field, it operated as an emergency airfield on the route between Cleveland and Washington, DC until 1938. During World War II (WWII), Camp Detrick became the site of exhaustive biological warfare research. After WWII, the post was redesignated as Fort Detrick with a mandate to continue biological research and remain the world's leading research campus for biological agents that require special containment. Today, Fort Detrick is a pilot Net Zero installation with a goal of being Net Zero energy by 2020.



Fort Detrick, home to U.S. Army Medical Research and Materiel Command (USAMRMC), with its bio-defense agency, the U.S. Army Medical Research Institute of Infectious Diseases (USAMRIID)



Fort Detrick, Maryland

About OEI

The U.S. Army Office of Energy Initiatives (OEI) centrally manages, develops, and executes large-scale renewable energy projects of 10 MW or greater by leveraging private financing. Renewable energy produced on Army installations increases energy security, enhances mission effectiveness, and provides a means to stabilize energy costs. For more information about OEI visit: www.oei.army.mil.

About DLA Energy

For more than 70 years, DLA Energy has provided the Department of Defense and other government agencies with comprehensive energy solutions in the most effective and efficient manner possible. DLA Energy is a primary level field activity of the Defense Logistics Agency, and is co-located at Fort Belvoir, Virginia. DLA Energy is one of the OEI's acquisition partners supporting renewable project efforts.

About Ameresco

Ameresco, Inc. is an independent provider of comprehensive energy efficiency and renewable energy solutions for facilities throughout North America, delivering long-term value through innovative systems, strategies and technologies. Ameresco's solutions range from upgrades to facility's energy infrastructure to the development, construction and operation of renewable energy plants combined with tailored financial solutions. Ameresco works with all customers to reduce operating expenses, upgrade and maintain facilities, stabilize energy costs, increase energy reliability and enhance the environment.

About USACE

The U.S. Army Corps of Engineers has approximately 37,000 dedicated Civilians and Soldiers delivering engineering services to customers in more than 130 countries worldwide. With environmental sustainability as a guiding principle, the disciplined Corps team is working diligently to strengthen our Nation's security by building and maintaining America's infrastructure and providing military facilities where our servicemembers train, work and live.



Fort Detrick, MD, 15 MW Solar Array – 59,994 Solar Panels – January 2016

