



## ENERGY INITIATIVES TASK FORCE

# Fort Detrick, Maryland 18.6 MW Solar PV



## Project Overview

### Project Details

- On November 14, 2012, a Request for Proposals (RFP) was issued by Defense Logistics Agency Energy, in close coordination with the Energy Initiatives Task Force, for the long-term purchase of renewable energy from an approximately 15 MW solar photovoltaic (PV) facility located at Fort Detrick, Maryland. The RFP closed on April 24, 2013 and a Notice of Intent to Award was issued to Ameresco, Inc., on 22 November 2013.
- Four sites, totaling ~80 acres, have been deemed mission compatible for a PV facility; the acreage includes previously capped landfills on a small portion of the land.
- The selected developer is required to fund construction of ~1 mile 4 kV distribution line.
- The Army-funded NEPA Environmental Assessment was completed on October 13, 2011.

### Proposed Deal Structure

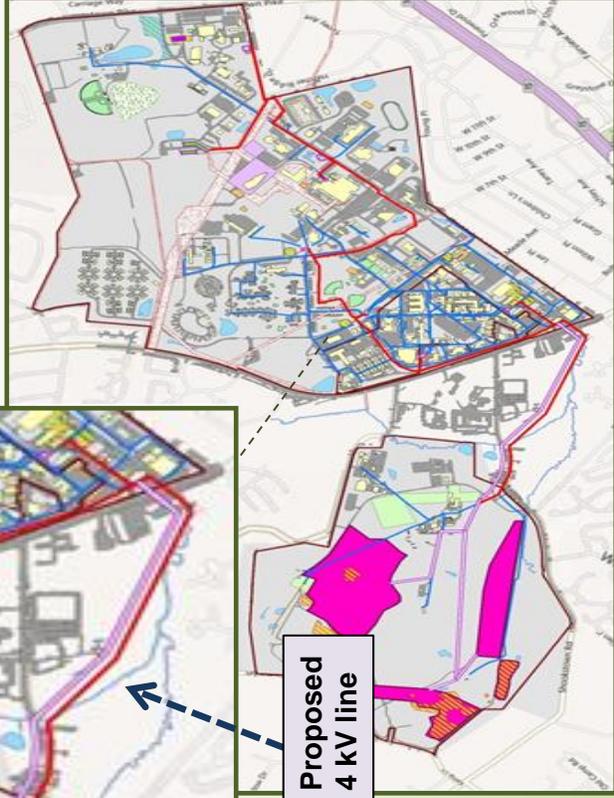
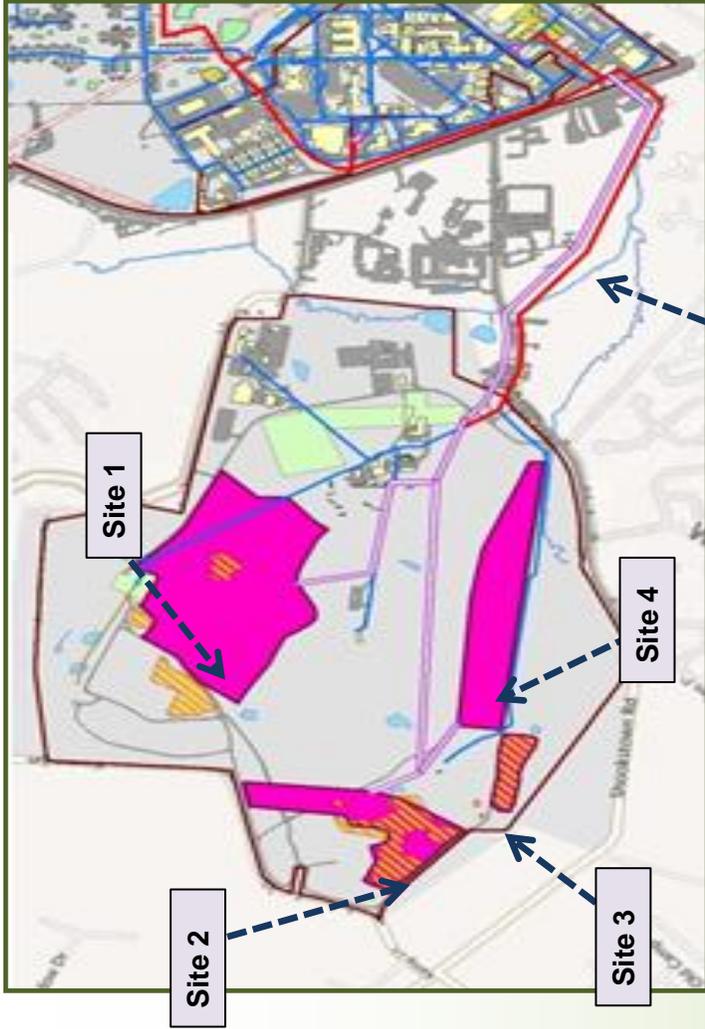
- A 25-year power purchase agreement, structured to have no cost impact on the Installation's budgeted utility bill and to obtain cost savings over the 25-year term.
- The PV system will be designed as "micro-grid ready" so that it may be connected to a future micro-grid and thereby contribute to the overall energy security of the installation.
- All electricity from the PV facility will be consumed by Fort Detrick.

## Installation Facts



- Fort Detrick is located in Frederick, Maryland.
- Fort Detrick's major missions include medical research and world-wide communications.
- Fort Detrick is a Net Zero installation with a goal of being Net Zero energy by 2020.
- Fort Detrick's average load is currently 22 MW; peak load is 40MW.

# Proposed Fort Detrick Solar PV Sites



ENERGY INITIATIVES  
TASK FORCE

