



ENERGY INITIATIVES TASK FORCE

Fort Irwin, California 15 MW Solar PV



Project Overview

Project Details

- On May 9, 2013, a Request for Proposals was issued by Defense Logistics Agency-Energy, in close coordination with the Energy Initiatives Task Force, for the purchase of renewable energy from a 15MW solar photovoltaic (PV) facility located at Fort Irwin, CA.
- The RFP closes on August 1, 2013.
- Two 300+ acre sites have been deemed mission compatible for this project. One site is open to all developers for bidding, and the second site falls under an existing Enhanced Use Lease award.
- The selected developer will be required to fund:
 - Upgrades to the existing Southern California Edison (SCE) substation.
 - Construction of ~1 mile transmission line.
- Army funded NEPA Environmental Assessment (EA) to be completed in Q1 2014.

Proposed Deal Structure

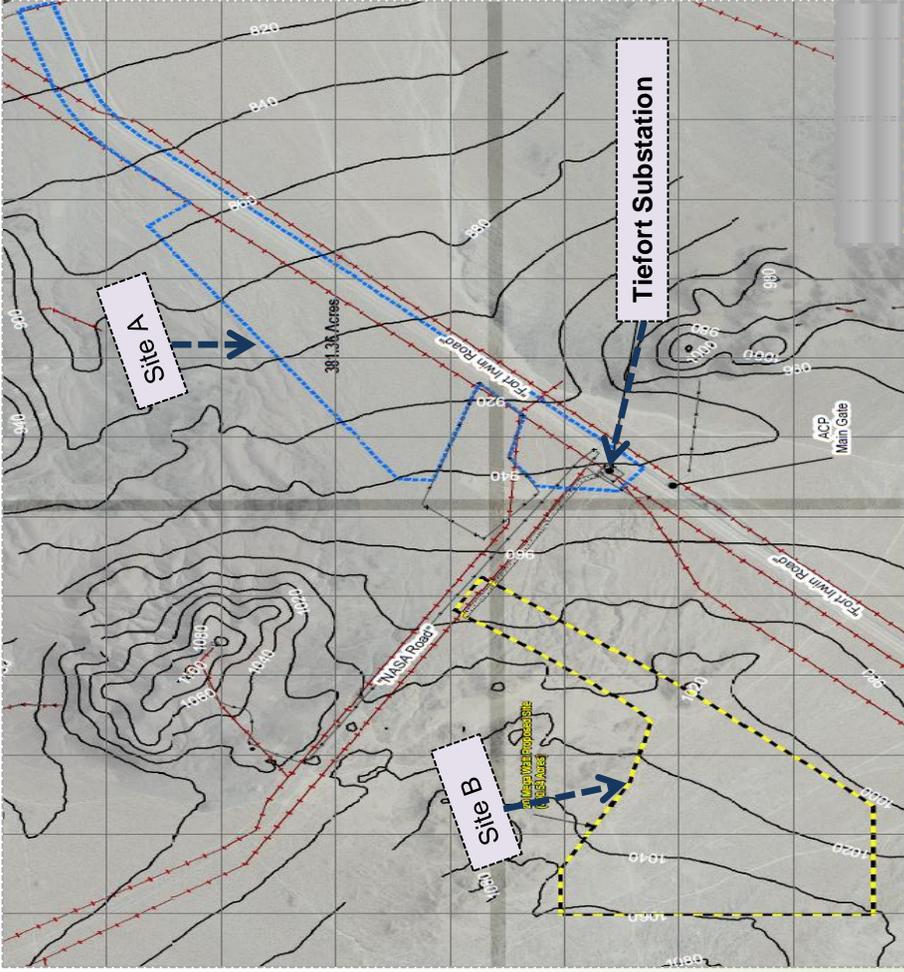
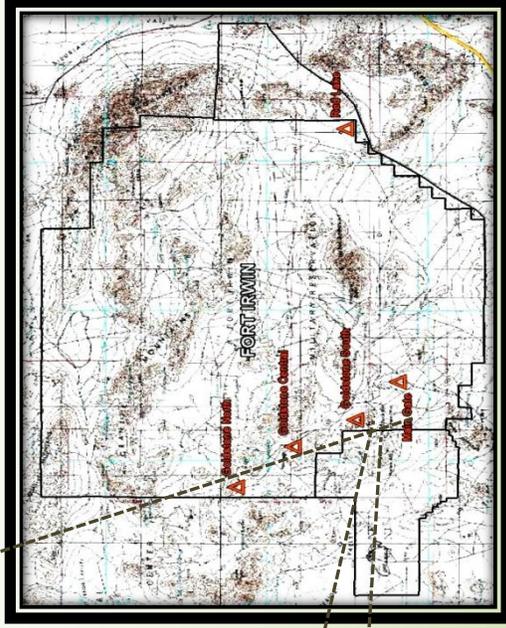
- 25-year purchase of power structured to limit the maximum first year price at the current utility price plus a bid escalation rate.
- Acceptable first year rate at or below \$.096/kWh plus escalation rate of 2.8 percent.
- All electricity from the 15 MW PV facility will be consumed by Fort Irwin.

Installation Facts



- Fort Irwin National Training Center (NTC) is located in the Mojave Desert of California.
- Fort Irwin is home to 4,500 soldiers as well as 4,000 – 6,000 soldiers in training.
- Fort Irwin is the premier training site for soldier and major unit training prior to deployment.
- This will be the Army's first renewable energy project in the Mojave Desert.
- Fort Irwin's 2011 blended utility rate is \$0.088/kWh through SCE.
- Fort Irwin's average load is currently 14 MW; peak load is 28 MW.

Proposed Fort Irwin Solar PV Sites



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