

Headquarters Air Combat Command

Nellis AFB 'Sun Park' Photovoltaic Power Project



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This Briefing is:
UNCLASSIFIED



Overview

•Objective

- Provide renewable utility service from a Contractor owned Photovoltaic (Solar Power) Array to Nellis AFB electrical distribution system
- Successful offeror owns and operates the PV Array for length of lease

•Legal Instruments

- Nellis AFB enters into an indefinite term utility service contract with successful offeror
 - May cancel with one year notification
- 20 year land lease
 - Provides land for PV array via a land lease (land treated as“Gov’t furnished equipment” in utility contract)



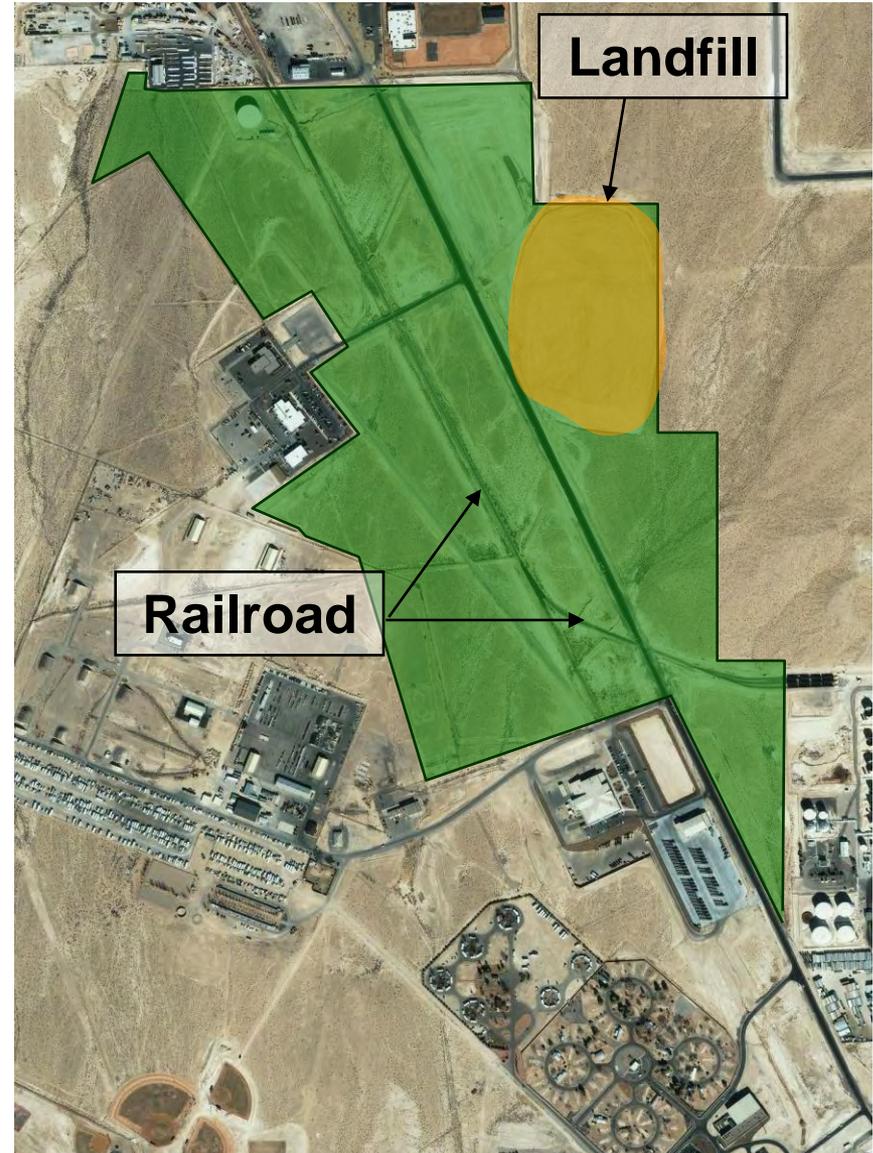
Why PV - Why Nellis

- **Support renewable energy goals**
 - Energy Policy Act of 2005 (PL 109-58) requires 7.5% by 2013
 - DoD goal is 25% by 2025.
- **Recent DoD Study identified Nellis as ideal site for PV**
- **State of Nevada has most aggressive renewable energy laws in the U.S.**
 - Requires that 15% of all electricity sold to retail customers be renewable by 2013
 - Creates opportunity for sale of Renewable Energy Credits (RECs) to Nevada Power Company



Project Site

- **Approx 140 acres on Nellis AFB federal land**
 - **Desert land not suitable for other uses**
 - **Includes approx 45 acre landfill (capped)**
 - **Secure area on Base proper**





Summary

- **Largest PV Array in world (18 Mw)**
- **Sufficient savings to the Government over term of lease**
- **Provides energy security to Nellis AFB**
- **Supports renewable energy goals**
- **Decreases America's dependence on foreign oil**