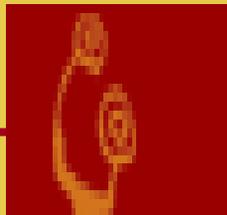
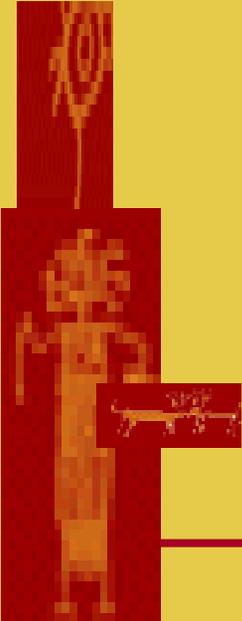
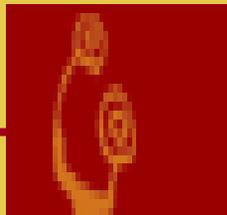
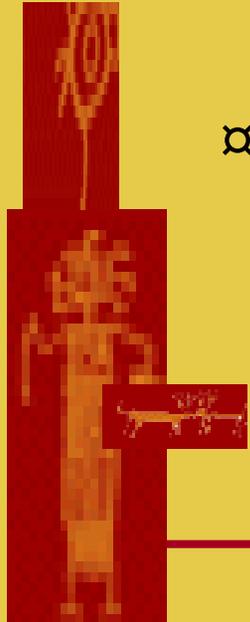


# BLM Arizona Restoration Design Energy Project

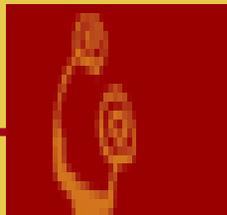
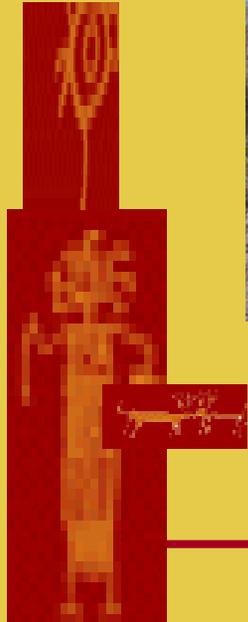


# BLM AZ Solar Strategy - Four Tracks

- ⌘ 33 applications received; 371,602 Acres; 3 applications almost perfected
- ⌘ Sonoran Solar Energy Project – fast track; scoping completed; DEIS - Oct 2010
- ⌘ BLM Programmatic EIS – analysis of Study Areas
- ⌘ Restoration Design Energy Project

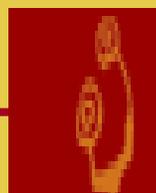
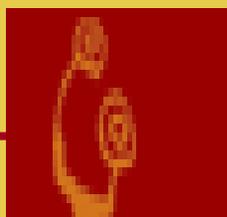
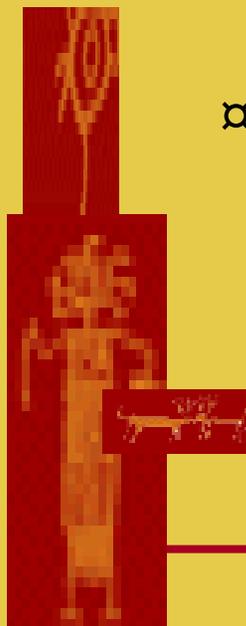


# BLM Arizona Restoration Design Energy Project



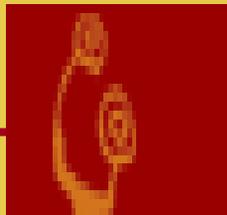
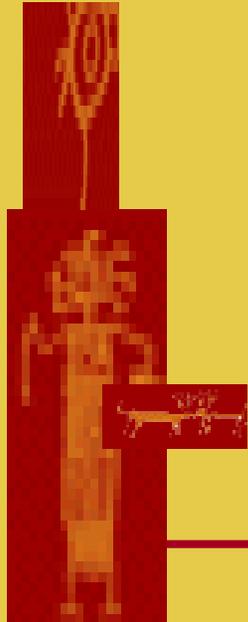
# Restoration Design – Unique Approach

- ⌘ Renewable energy sites identified based on site characteristics
- ⌘ Sites proposed and concepts developed from continuous public involvement
- ⌘ State-wide perspective; all land ownerships affect renewable energy footprint
- ⌘ ARRA Project – 2 Contracts – Scoping and EIS and RMP amendments

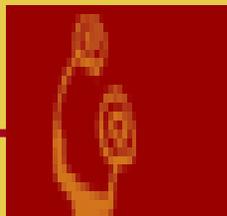
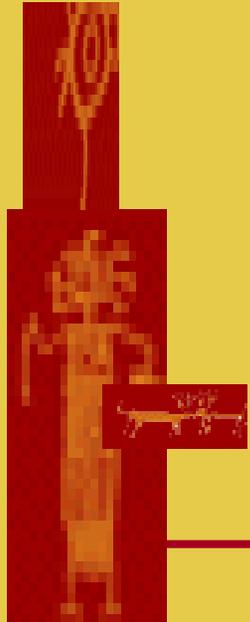


# Project Tally – December 2009

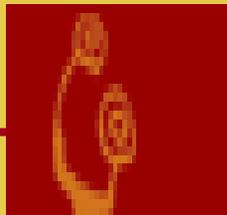
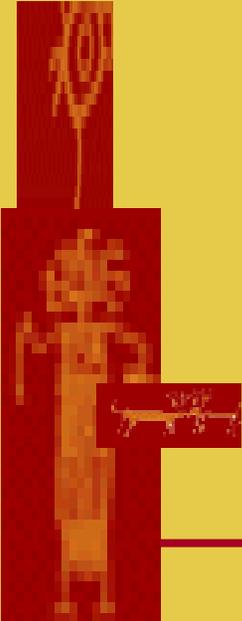
⌘ 42 site proposals - ~ 26,000 acres



# City of Phoenix - Closed Landfill

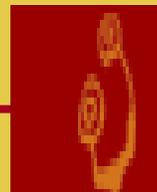
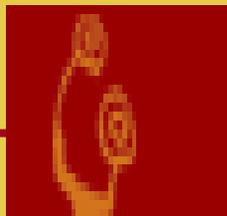
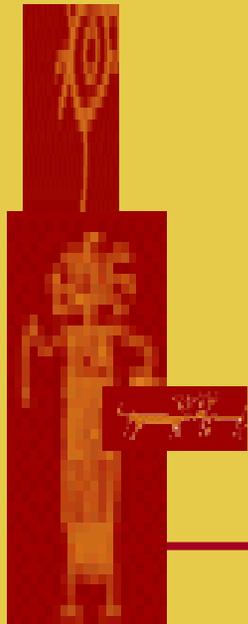


# AZ State Lands Empire Farms



# DRAFT Purpose Statement for EIS

*Remediate or restore selected sites to foster environmentally responsible production of renewable energy at a good value for the taxpayer while providing economic opportunities for community benefits.*



# Restoration Design Energy Site Factors

Solar, Wind, Geothermal

Utility-scale or Distributive

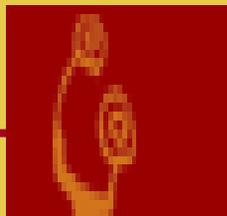
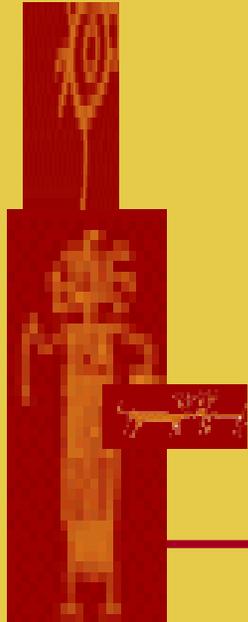
Site factors – soil, water, slope

Geography/Location

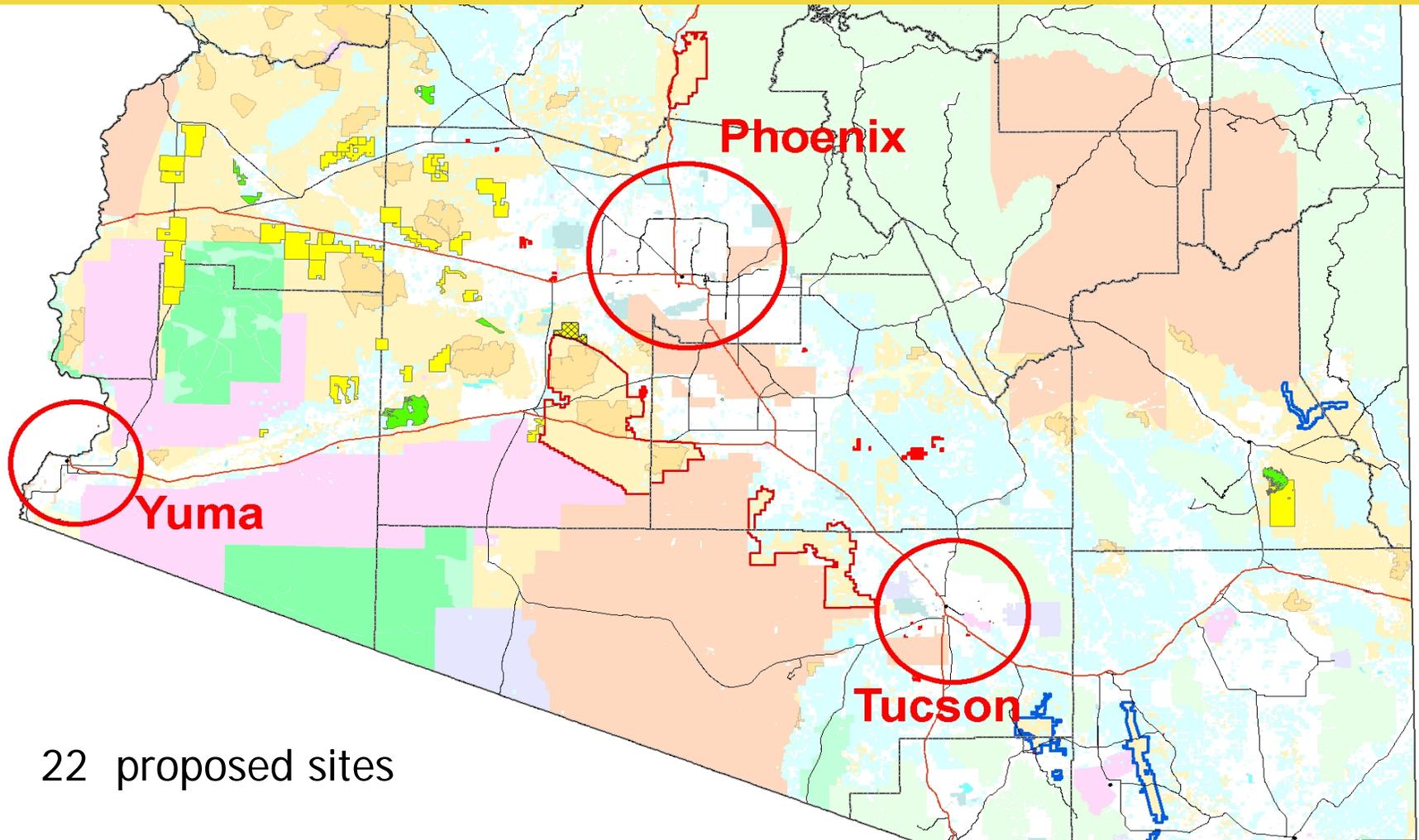
Nature of Previous Disturbance

Land Status and Cooperators

Availability of Transmission

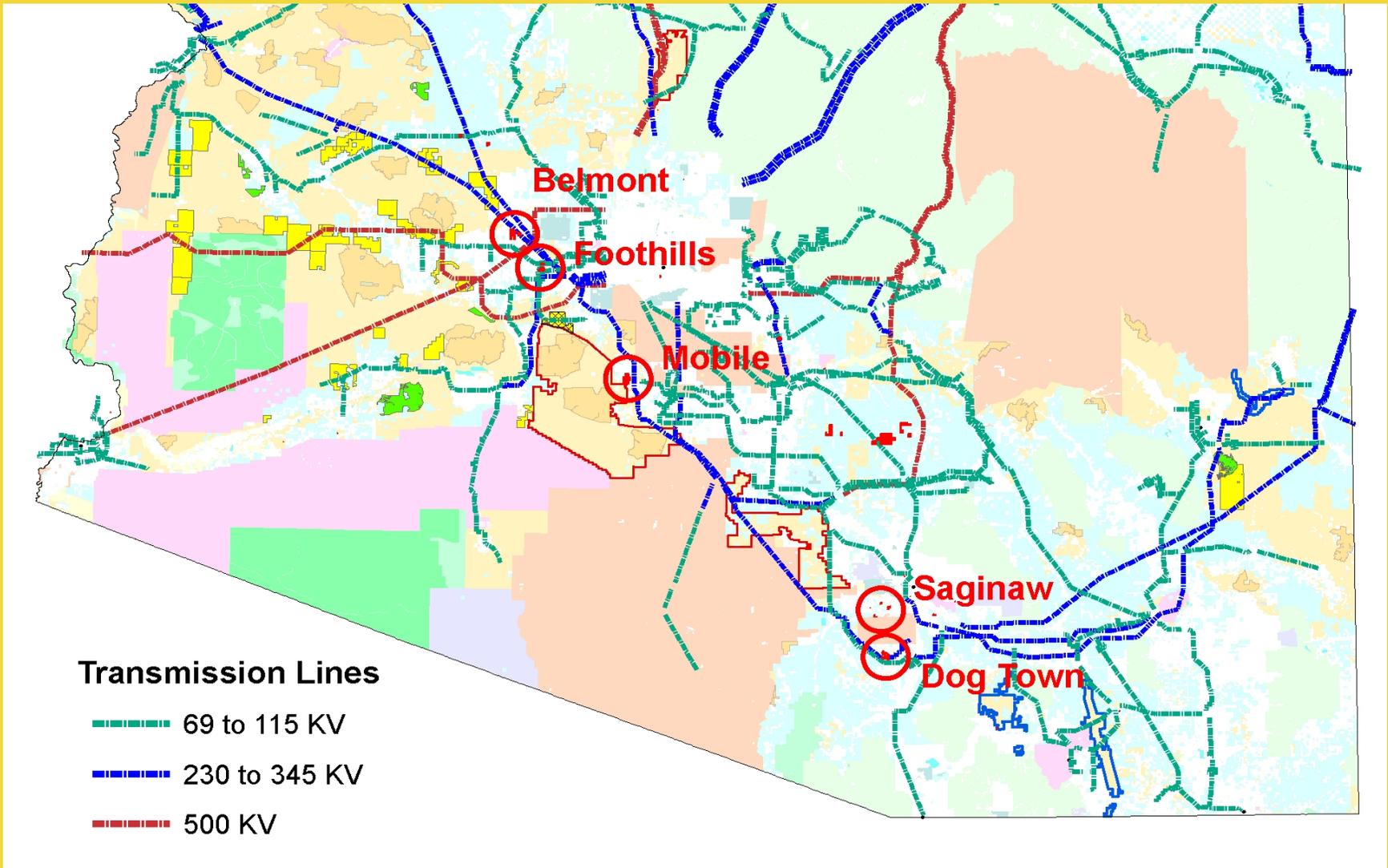


# Generation near Load Centers



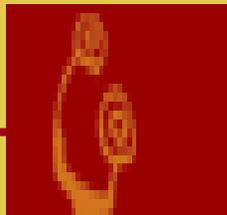
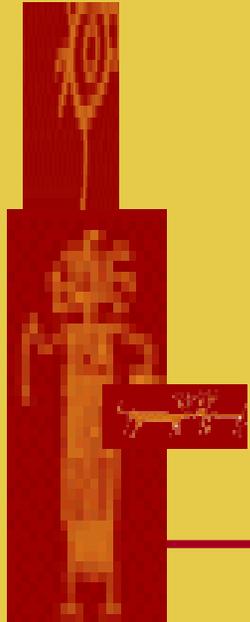
22 proposed sites

# Generation near Transmission



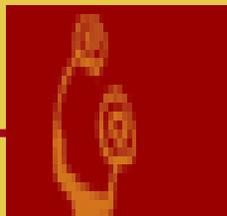
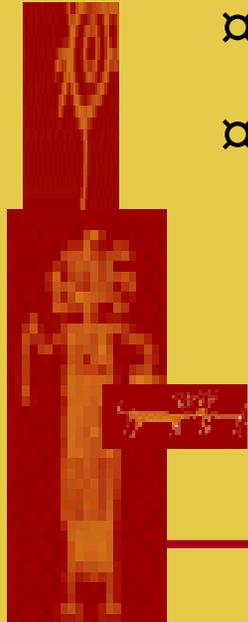
# Alternative Design Concepts

- ⌘ Energy Generation near Demand
- ⌘ Transmission and Interconnection
- ⌘ Site Types Matched with Technology
- ⌘ Minimizing Demand for Water Resources
- ⌘ Federal – State partnership
- ⌘ More.....



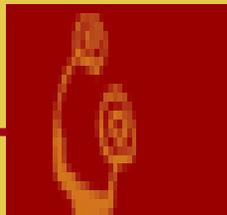
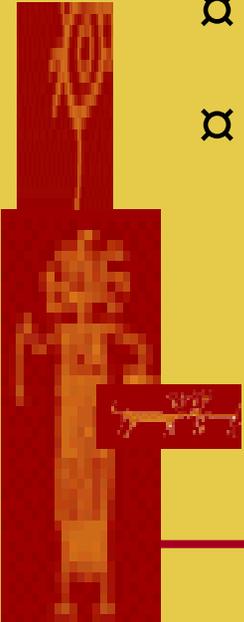
# Restoration Design Energy Process

- ⌘ Federal Register Notice – Jan 13
- ⌘ Scoping Period open until Feb 26
- ⌘ Public Meetings in February
- ⌘ Draft EIS Released fall 2010
- ⌘ Public Comment for 90 days
- ⌘ Final EIS Released summer 2011



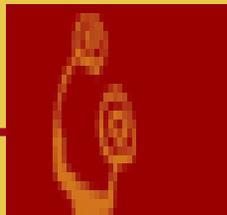
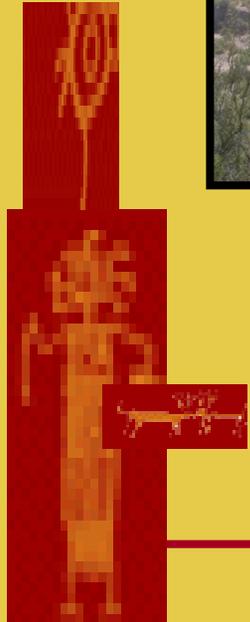
# The EIS will....

- ⌘ Amend RMPs to allocate sites for renewable energy generation
- ⌘ Approve renewable energy project sites
- ⌘ Define additional required analysis
- ⌘ Determine terms for competitive leasing
- ⌘ Set protocols for future project sites



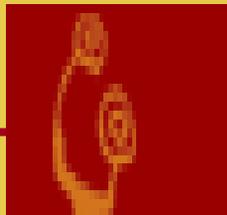
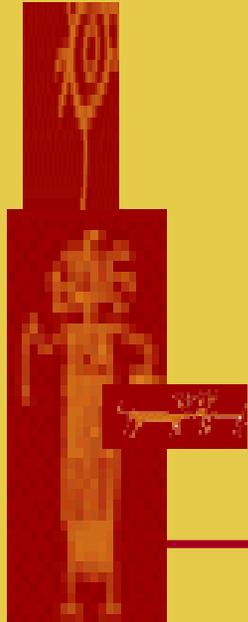
# Other possibilities ?

⊗ Large mining operations



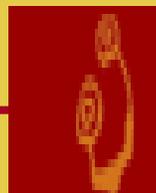
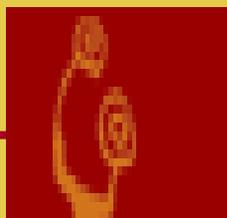
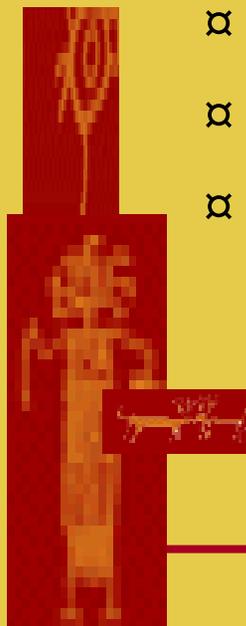
# Other possibilities ?

## ⊗ Master Planned Communities



# Vision for outcome

- ⌘ Less fragmented approach to system design
- ⌘ Broader consensus on renewable energy footprint in Arizona
- ⌘ New business partnerships formed
- ⌘ Reduced impact to undisturbed landscapes
- ⌘ Easier integration of generation into grid
- ⌘ Consistency with Inter- and Intra-state transmission
- ⌘ Pathways for community renewable energy projects



# Contact information

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Restoration Design Energy Project

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Phoenix, AZ 85004-4427

602-417-9388

Website:

[http://www.blm.gov/az/st/en/prog/energy/arra\\_solar.htm](http://www.blm.gov/az/st/en/prog/energy/arra_solar.htm)

