

BLM Arizona Restoration Design Energy Project



Restoration Design Energy Project



AZ BLM Four Tracks

- 1. Applications – 33 solar and 12 wind
- 2. “Fast Track” Sonoran Solar, Buckeye AZ
- 3. National Solar Programmatic EIS
(Draft end 2010; Final summer 2011)
- 4. Restoration Design Energy Project
(AZ only; ARRA funding)



Restoration Design Energy Project



Purpose

- Foster environmentally responsible development of renewable energy
- Encourage utilization of previously disturbed and damaged sites
- Encourage remediation and restoration of contaminated sites
- Allocate for use on public lands



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Project Outcomes

- Reduced impact to undisturbed lands
- Community-based generation
- Job creation and increased tax revenue
- Long-term business opportunities
- Broad consensus on renewable energy footprint



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Types of Sites Considered

- Hazardous material sites or brownfields
- Unreclaimed mining sites
- Inactive mineral materials sites
- Former landfills
- Damaged sites



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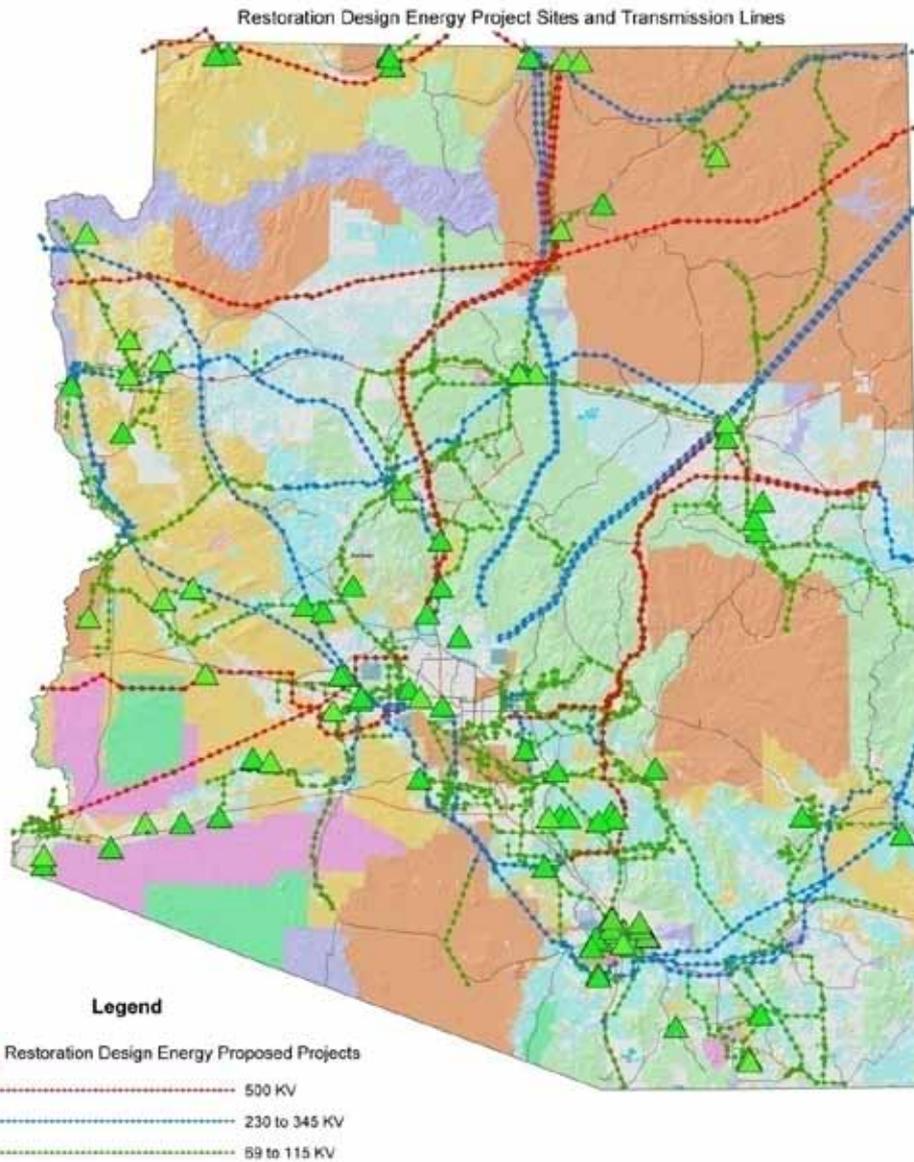
Public Scoping

- Statewide public meetings
- Agencies, tribes, industry
- 80 plus areas identified
- Key issue: Resource Protection
- Scoping report available online



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EIS

- Analyze theme-based alternatives
- Address known remediation needs
- Define additional required analysis
- Amend resource management plans
- Set protocols for future sites and partnerships



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Evaluating Sites

- Suitability for renewable energy
- Proximity to transmission
- Relationship to load
- Utilization of water resources
- Physical characteristics of site
- Service to communities
- Offset energy consumption



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Analysis

- Renewable energy generation potential
- Economically feasible transmission
- Types of suitable technology
- Use existing information



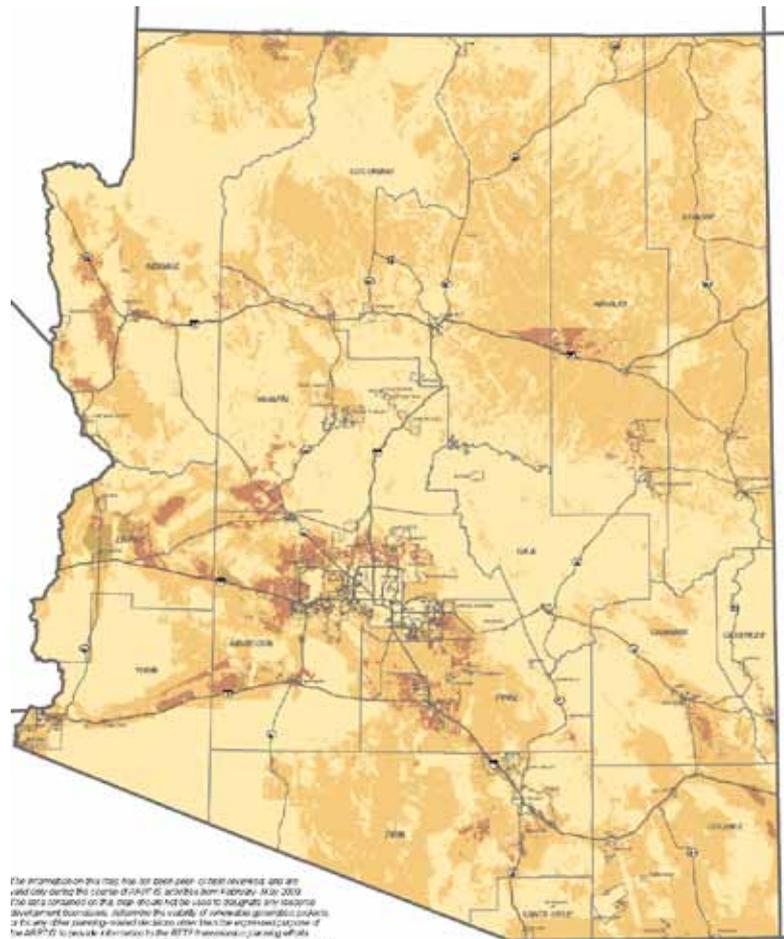
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Alternatives

Resource Protection

- Disturbed or damaged lands
- Lands identified for disposal
- Lands identified in Solar Study Areas
- Lands in zones of low resource sensitivity



The information on this map was last updated October 2008 and is valid only for the course of that update. It should not be used to identify or designate any specific development boundaries, determine the suitability of potential projects, or identify other planning-related factors other than the information contained in the BLM's Resource Protection Report. The BLM's Resource Protection Report is the primary source of information for the use of this map. Development of this map is not intended to provide information and to questions not included in the Summary Report are prohibited.



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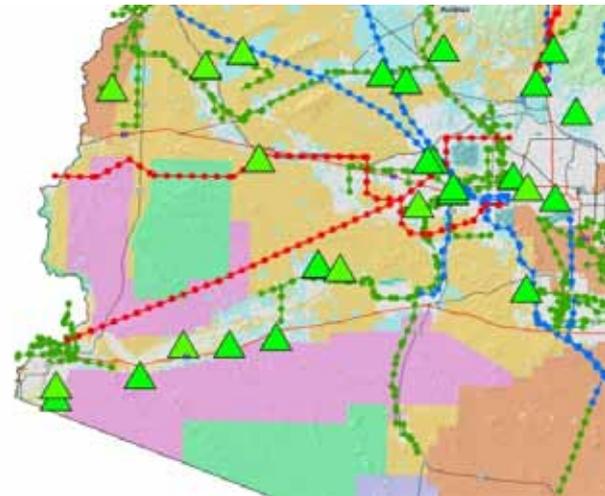
Alternatives

Transmission

Clusters of sites in areas of transmission

North Gila 500 kV Line

Delany/Devers II 500 kV Line



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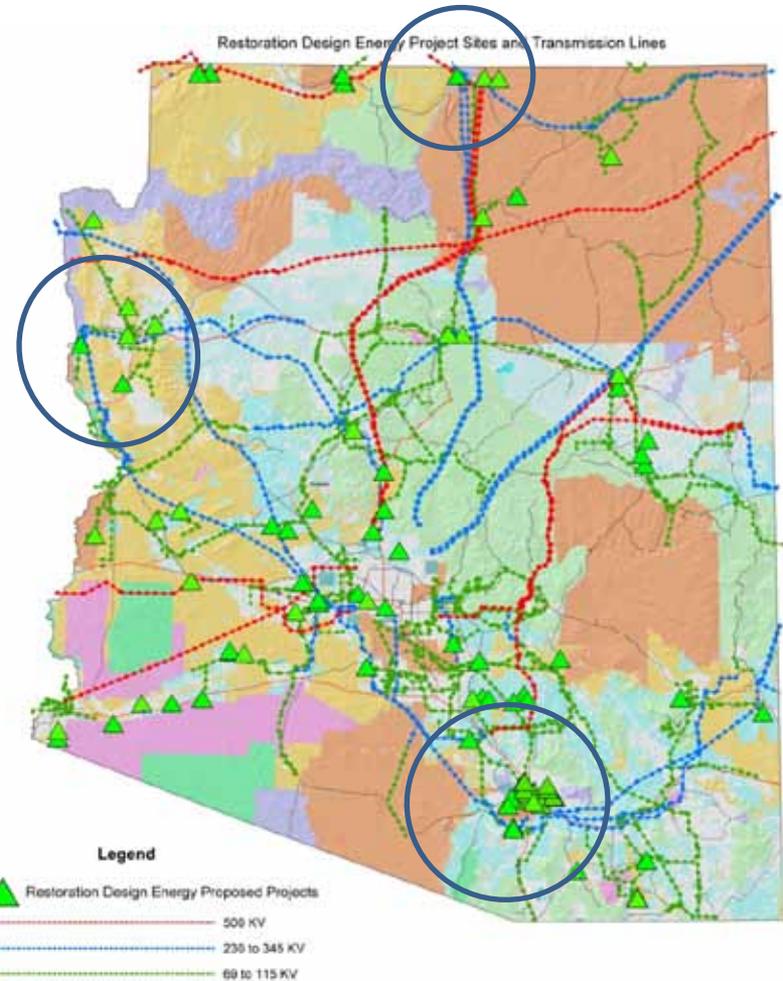
Alternatives

Proximity to Load

Near Major population

Smaller generation to offset community use

Small/localized sites to offset facility demands



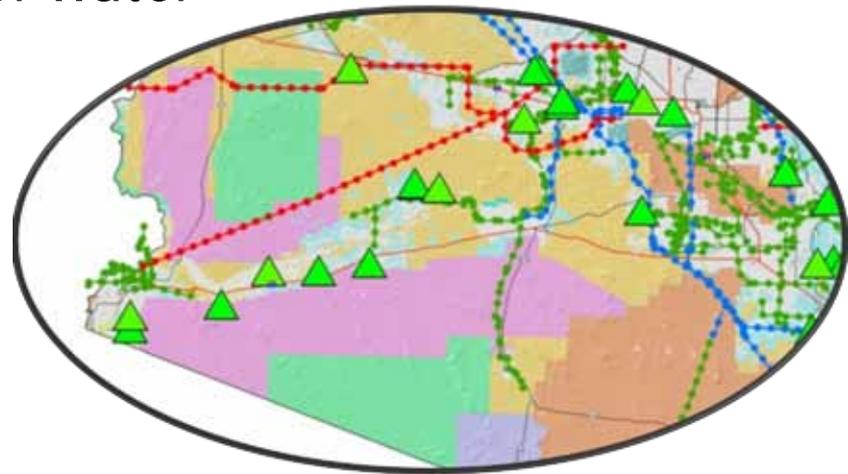
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Alternative

Water Conservation

- Retired agricultural lands
- Voluntary reallocation of water
- Market driven
- Less consumptive than irrigation



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Alternative

State School Trust - Conservation Lands

- Disposal of lands to State for School Trust
- Exchange for lands in high conservation areas, National Monuments, etc.



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Process

- Scoping Report April 2010
- EIS contract award June 2010
- Draft EIS available May 2011
- Public Comment 90 days
- Final EIS released March 2012



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