



Bar J Bar Energy Project

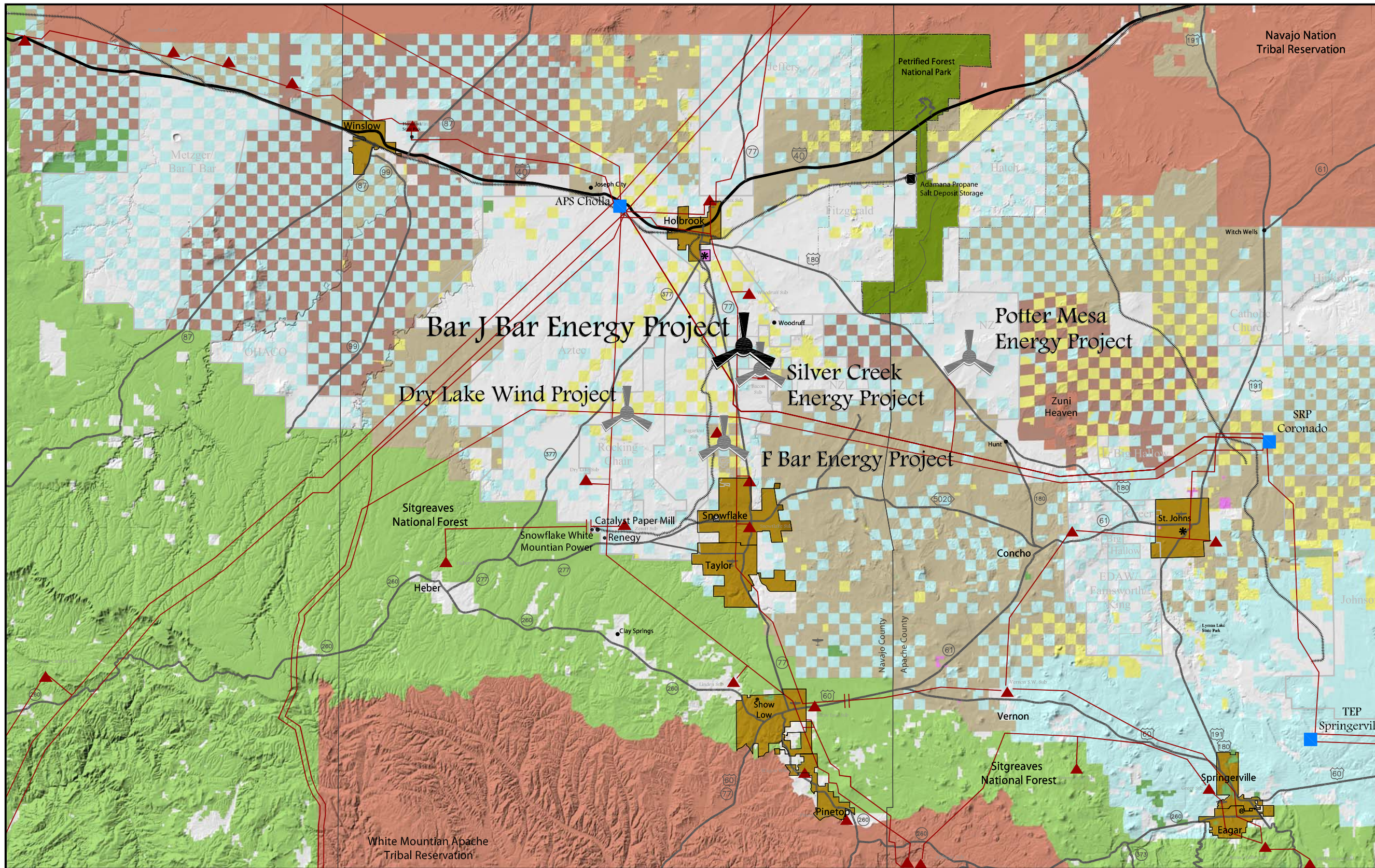
Special Use Permit Application
















May 05, 2009





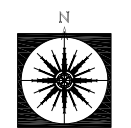
Regional Context



-  Energy Project
-  Transmission Corridor
-  Substation
-  Power Plant
-  Town Limit
-  Tribal Land
-  Tribal Land (Fee)
-  BLM Land
-  State Land
-  Other
-  Subdivided Land
-  Private Land
-  National Forest
-  Petrified Forest National Park
-  Wilderness Area

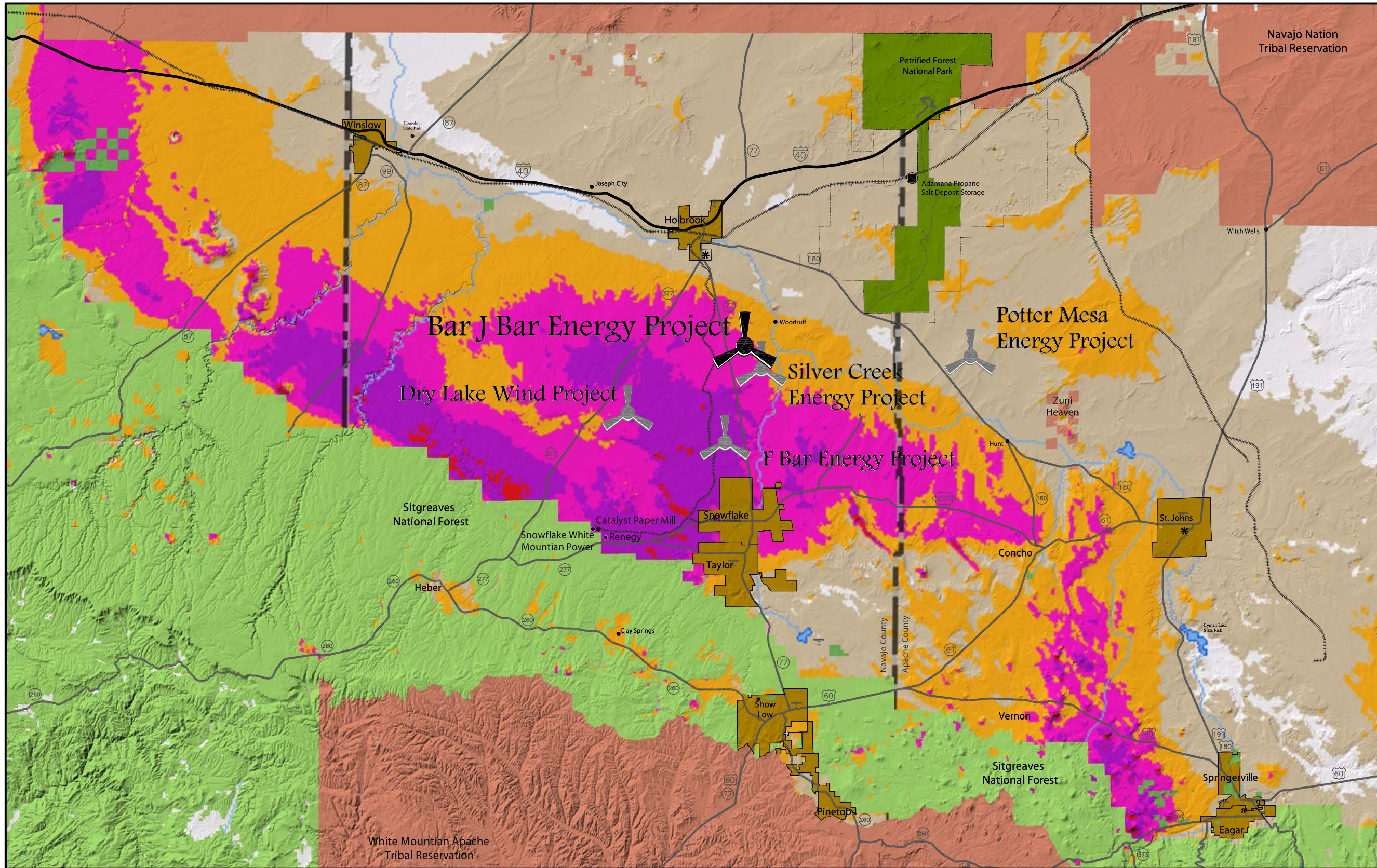
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N.T.S.





100m Average Annual Wind Resource



Wind Power Classification

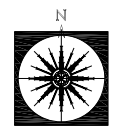
-  Poor
-  Marginal
-  Fair
-  Good
-  Excellent
-  Outstanding
-  Superb

(Source: NAU)

-  Tribal Land
-  National Forest
-  Petrified Forest National Park
-  Wilderness Area

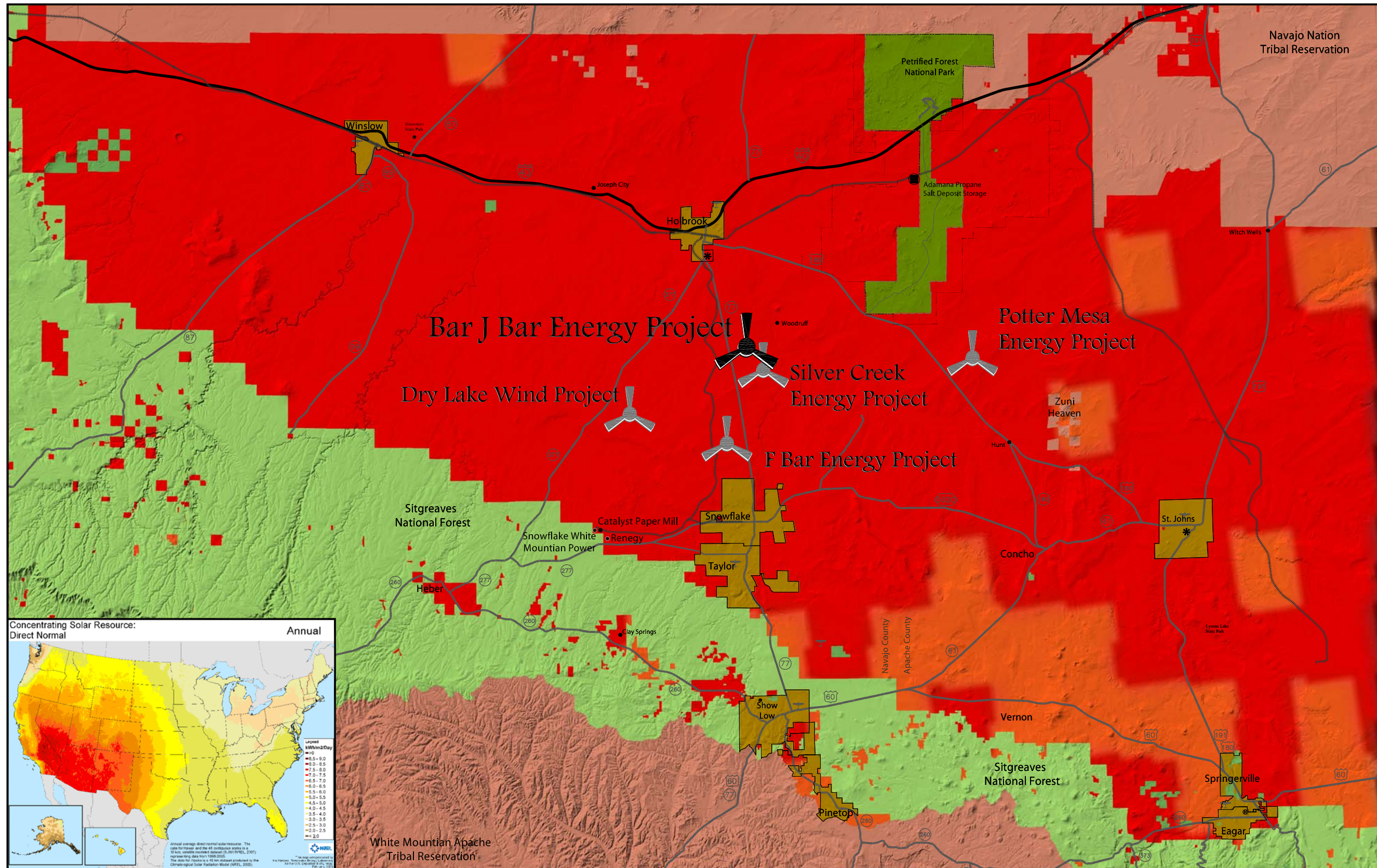
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Annual Concentrating Solar Resource



kWh/m2/Day

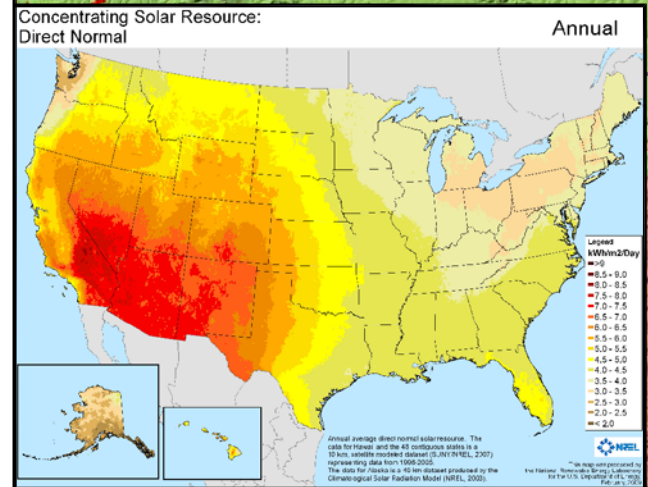
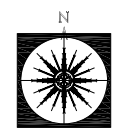
- 6.5 - 7.0
- 7.0 - 7.5

Source:
National Renewable
Energy Laboratory

- Tribal Land
- National Forest
- Petrified Forest National Park
- Wilderness Area

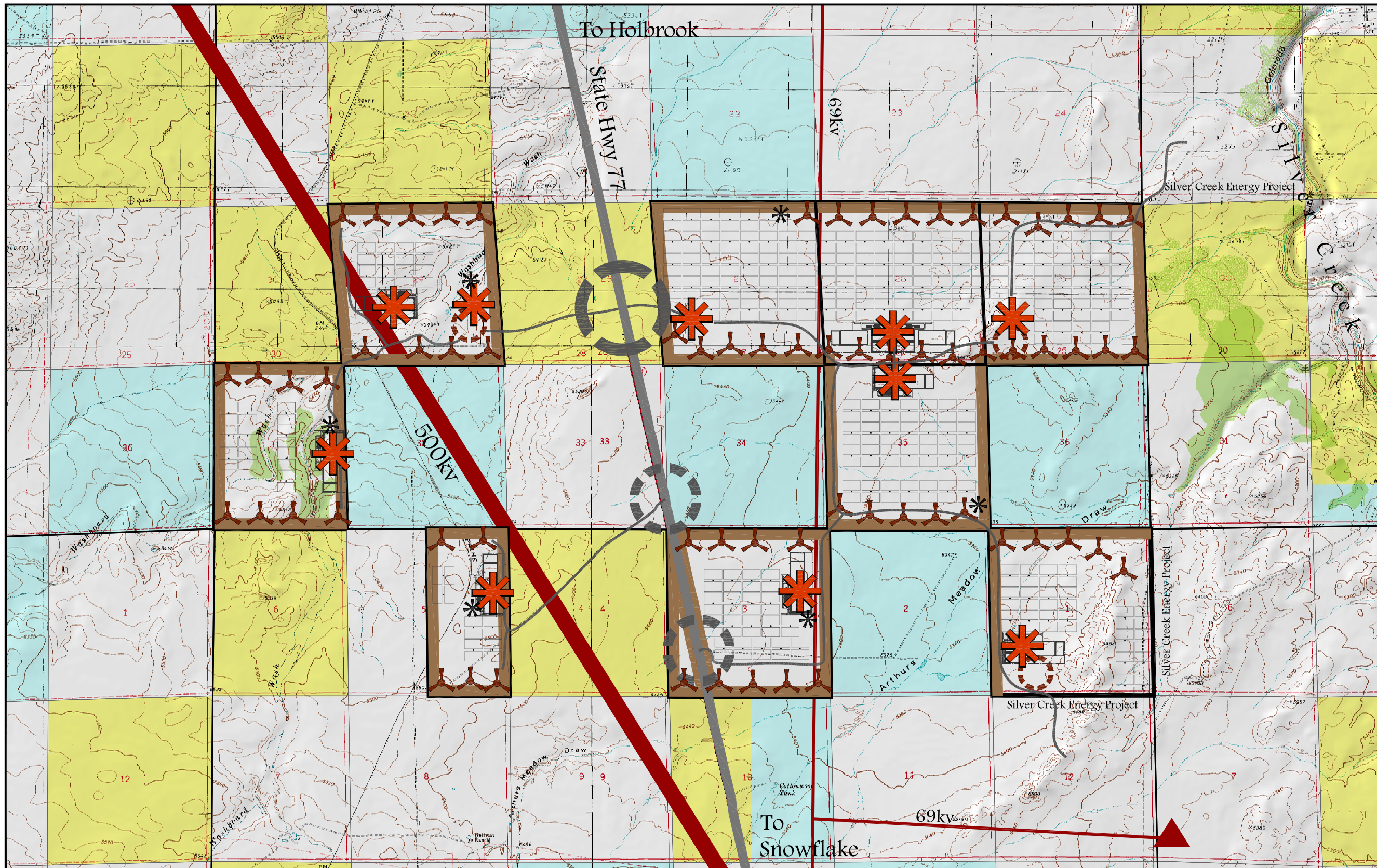
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Conceptual Site Plan

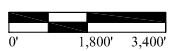
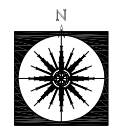


-  Proposed Wind Turbine
Not to exceed 80 Wind Turbines
-  Concentrating Solar Power Mirrors and Towers
Not to exceed 225 Solar Towers
-  Proposed Met. Tower
Not to exceed 10
-  100m Tower Buffer
-  Proposed Operation and Maintenance Facility
may include a 2,000 sf - 10,000 sf structure
-  Proposed Staging Area
may include office facility
-  Primary Access Point
-  Secondary Access Point
-  Service Access
Access to individual turbines generally to run parallel with Collector Line alignments
-  Transmission Line (Existing)
-  Bacon Substation

Wind Turbine, Concentrated Solar Power Mirror and Tower, and Met. Tower Locations may alter for landforms, soils, rotor spacing, wind resource efficiency, solar resource efficiency, and infrastructure locations and costs. Collector lines between Wind Turbines, Wind Turbine rows, and Concentrated Solar Power will link to substations and transmission lines located on site and connect to the electric grid off site. 8' fence may surround Wind Turbine towers, mirror fields, substations, Operations and Maintenance Facilities, Staging Areas, and may be used to restrict Access Points. Mass grading may be required for installation of infrastructure and energy projects. Service Access may be asphalt, decomposed granite, or gravel. Other materials may be approved by the County.

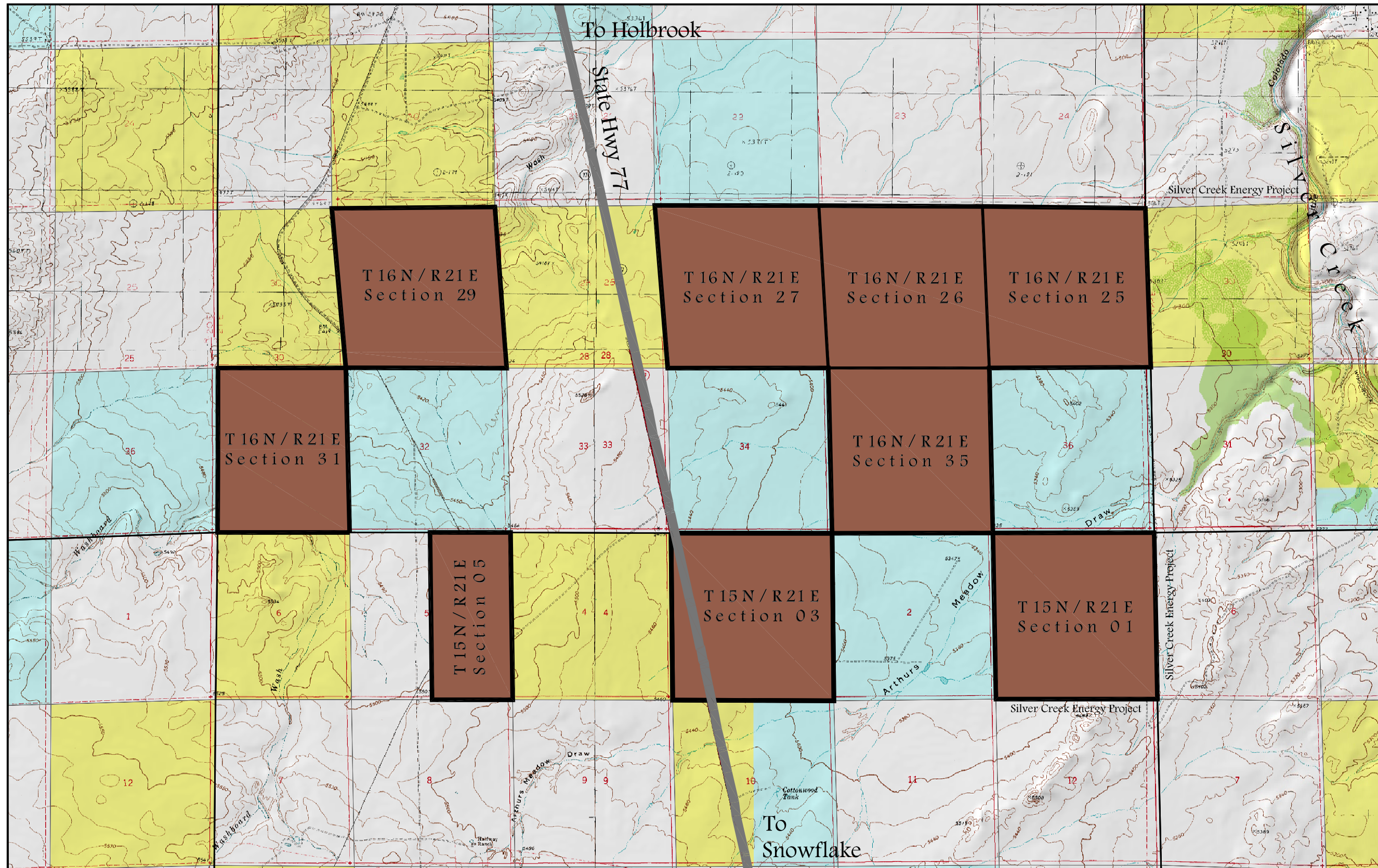
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Special Use Permit Parcels

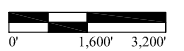
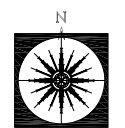


 Special Use Permit Parcel
 T 15 N - R 21 E
 Section 01, 03, and
 E2 of 05
 T 16 N - R 21 E
 Section 25, 26, 27, 29,
 31, and 35

 Private / Other Land
 BLM Land
 State Land

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For additional information or questions contact

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602-321-4903

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S U I T E N U M B E R 4 7 2
S C O T T S D A L E A R I Z O N A 8 5 2 5 1



W W W . E S P I R I T U L O C I . C O M
P H O N E 4 8 0 - 4 8 1 - 9 1 0 0
F A X 4 8 0 - 4 8 1 - 9 1 0 1

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