

APPENDIX B

Appendix B.1 Scoping Summary Report

APPENDIX B.1
SCOPING SUMMARY REPORT

Available online at www.wapa.gov/transmission/grapevine.htm

ENVIRONMENTAL IMPACT STATEMENT SCOPING SUMMARY REPORT

Grapevine Canyon Wind Project

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LIST OF ACRONYMS

| | |
|----------------|--|
| AGFD | Arizona Game and Fish Department |
| CEQ | Council on Environmental Quality |
| CRSP | Colorado River Storage Project |
| DOE | U.S. Department of Energy |
| EIS | Environmental Impact Statement |
| FERC | Federal Energy Regulatory Commission |
| Foresight | Foresight Flying M, LLC |
| MBTA | Migratory Bird Treaty Act |
| MW | megawatts |
| NEPA | National Environmental Policy Act |
| NPR | National Public Radio |
| NOI | Notice of Intent |
| Project | Grapevine Canyon Wind Project |
| Forest Service | U.S. Department of Agriculture, Forest Service, Coconino National Forest |
| USFWS | U.S. Department of the Interior, Fish and Wildlife Service |
| Western | Western Area Power Administration |

1.0 INTRODUCTION AND BACKGROUND

1.1 Introduction

This scoping summary report has been prepared to provide a synopsis of the agency, tribal, and public scoping process that was conducted for the proposed Grapevine Canyon Wind Project (Project) in Coconino County, Arizona. Foresight Flying M, LLC (Foresight) has applied to the U.S. Department of Energy (DOE), Western Area Power Administration (Western) to interconnect the proposed Project to Western's transmission system on its Glen Canyon-Pinnacle Peak Transmission Line.

This report identifies efforts made to notify interested agencies, tribes, organizations, and individuals about the proposed Federal action and to obtain input from those entities regarding alternatives to be evaluated and issues to be addressed in the environmental impact statement (EIS) being prepared by Western. These efforts have been carried out pursuant to the "scoping process," as defined by the Council on Environmental Quality's (CEQ) regulations implementing the National Environmental Policy Act (NEPA).

The scoping process commenced on July 24, 2009, with the publication of a Notice of Intent (NOI) in the Federal Register (Appendix A) and concluded on August 28, 2009.

1.2 Project Description

Foresight proposes to construct a wind energy generation project up to 500 megawatts (MW) on private, state, and Federal lands. The project is located in Coconino County, southeast of Flagstaff, Arizona (Figure 1), in Sections 1, 2, 11, and 12, T17N, R11E; Sections 3-10, 15-22, 27-31, and 33, T17N, R12E; Sections 10-19, T18N, R10E; Sections 1-16, 23-26, 35, and 36, T18N, R11E; Sections 1-11, 14-23, and 26-35, T18N, R12E; Sections 3, 10-13, and 24, T19N, R10E; Sections 19, 30, and 31, T19N, R11E; Sections 12, 13, 23-26, 34, and 35, T20N, R10E; and Sections 6, and 7, T20N, R11E (Gila and Salt River Baseline and Meridian).

The project includes three primary components described in the NOI and presented at the public scoping meetings:

- Wind Generation Facility
- 345kV Transmission Line and Switchyard
- Access Road

1.2.1 Wind Generation Facility

The wind generation component of the proposed Project would be constructed on private lands and land administered by the Arizona State Land Department. The proposed Project would generate electricity

from wind turbine generators rated at 1.5 to 3.0 MW. Final turbine selection and size is subject to further wind analysis, and will determine the number of turbines. Each turbine would have three blades that would revolve at less than approximately 18 revolutions per minute. Each blade would measure 125 to 185 feet long. The single pole structures supporting each of the turbines would be up to 325 feet high and approximately 20 feet in diameter at the base. Each turbine structure would be up to approximately 500 feet high, when a blade is in the 12 o'clock position. Each would be installed on a concrete base, and would have a pad-mounted transformer near the base. Lighting would be in accordance with Federal Aviation Administration requirements.

There would be an all-weather service road constructed to each turbine location. The wind turbines would be connected by an electrical collection system, power collection circuits, and a communications network. This collection system would be buried, where feasible, in areas without major subsurface obstructions. Foresight would site the wind turbine generators to optimize wind and land resources in the area while minimizing environmental impacts to the extent practicable. Foresight would comply with local zoning requirements, including setbacks from residences, roads, and existing transmission and distribution lines. Foresight would begin construction on the proposed Project approximately fall 2010. The life of the proposed Project is anticipated to be a minimum of 20 years.

1.2.2 345kV Transmission Line and Switchyard

To support delivery of the power generated by the Project, Foresight proposes to build a new 345-kV transmission tie-line, approximately 9 miles in length, to a new 345kV switchyard, located immediately adjacent to Western's existing Glen Canyon-Pinnacle Peak Transmission Line. The transmission tie-line and switchyard would cross lands administered by Coconino National Forest.

1.2.3 Access Road

Scoping meetings and materials proposed the use of Forest Road 126, an existing road, 18 miles in length, as the primary access road for the Project. Subsequent to scoping, two other access routes have been identified. Both access routes originate at Meteor Crater Road. One route extends southwest from Meteor Crater Road approximately 8.5 miles. The other route utilizes the existing Chavez Pass Road, located just south of Meteor Crater Road, and extends approximately 2 miles to the wind park area.

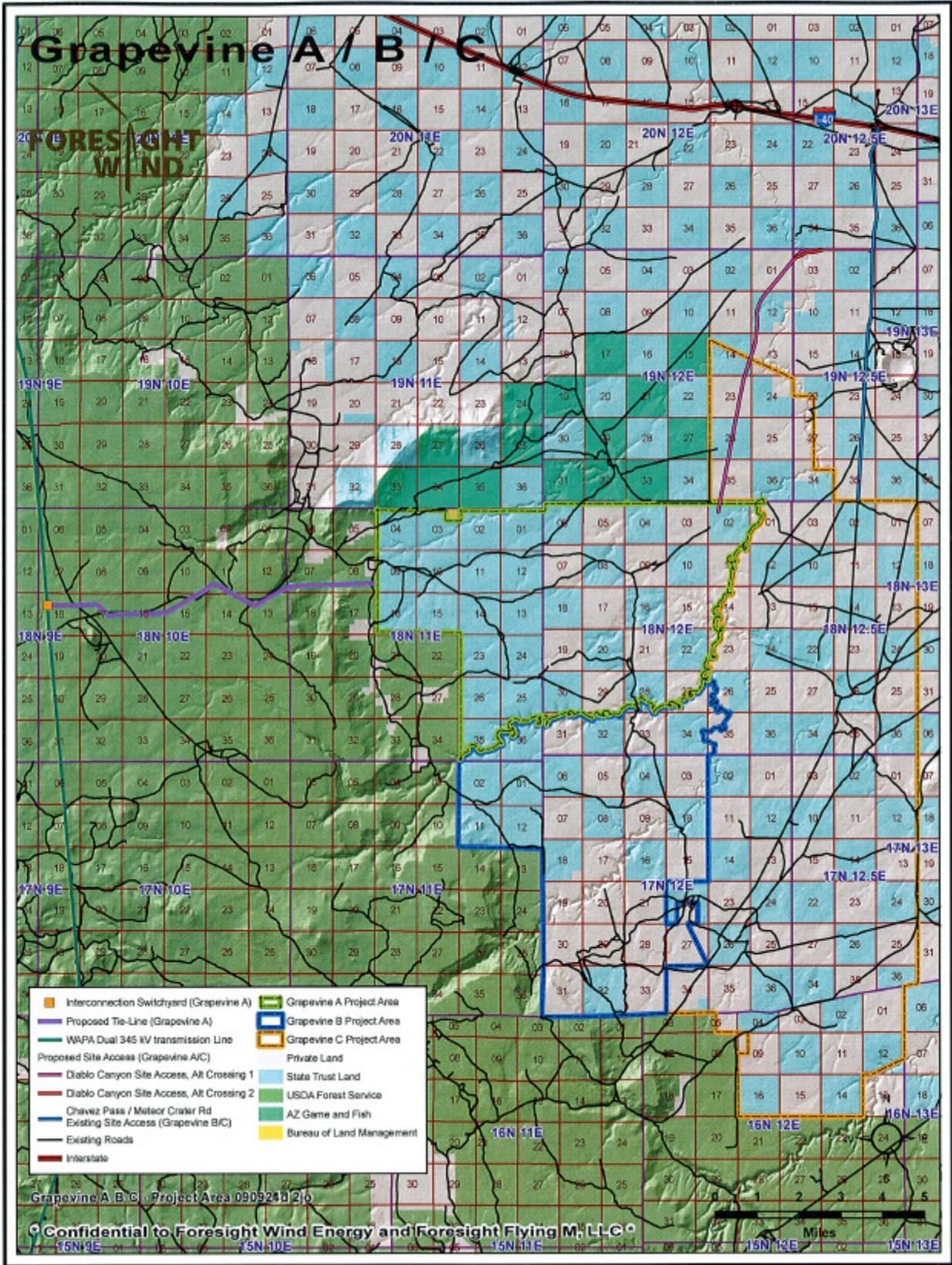


FIGURE 1

1.3 National Environmental Policy Act

NEPA establishes a general framework for evaluating environmental impacts prior to undertaking a Federal action. The Project began the NEPA process in March 2007 when Foresight filed a Standard Form 299 with the U.S. Department of Agriculture, Forest Service, Coconino National Forest (Forest Service) to construct a 345kV transmission line and switchyard on Federal lands. Subsequent efforts to prepare an environmental assessment were initiated, with the Forest as the lead Federal agency. Because interconnection of the proposed Project would incorporate a major new generation resource into Western's power transmission system, Western has determined that an EIS is required under DOE NEPA implementing procedures, 10 CFR part 1021, subpart D, Appendix D, class of action D6.

1.4 Purpose of Scoping Process

“Scoping” is an integral part of the NEPA process. Scoping provides *“an early and open process for determining the scope of issues to be addressed and for identifying the significant issues related to a proposed action.”* (40 CFR 1501.7)

The objectives of scoping for this Federal action include the following:

- Identify significant issues related to the proposed project.
- Identify social, environmental, and economic review and consultation requirements.
- Define the environmental analysis process and technical studies necessary to adequately address the impacts of the proposed project.
- Identify the interested and affected parties.
- Provide information to agencies and the public regarding the proposed project.

1.5 Organizational Involvement

Roles and responsibilities for the scoping process included:

- Western – EIS Lead Agency/Applicant for Transmission Line Rights-of-Way
- Forest Service – EIS Cooperating Agency
- Foresight (Foresight Wind Energy, LLC, its Manager) – Project Proponent
- Transcon Environmental – Third Party Contractor

2.0 SCOPING ACTIVITIES

2.1 Notice of Intent

The public was notified of the project and upcoming scoping meetings through the NOI published in the Federal Register on July 24, 2009 (Appendix A). The NOI announced the intent to prepare an EIS and indicated that scoping meetings would be held in Mormon Lake and Flagstaff, Arizona. The NOI provided specific dates, locations, and times for each of the scoping meetings. In addition, the NOI provided project information including a description of proposed facilities, the project location, information on how to submit comments and why they are important, and Western contact information.

2.2 Scoping Packet

The public, stakeholders, and many tribes and agencies were notified of the scoping period and comment opportunities through a scoping packet (Appendix A) distributed by direct mail to nearly 400 people on July 20, 2009. The scoping packet included a letter of introduction, project flyer, comment form, and project area map. The mailing list (Appendix B) was developed by the Forest Service through the Environmental Assessment process and was supplemented for the EIS to include: 1) residents and landowners within three miles of the 345kV transmission line, five miles of Forest Road 126, and ten miles of the wind park; 2) current local elected or municipal officials; 3) Federal and state agencies; 4) potentially interested Native American tribes; and 5) other stakeholders. The mailing provided information for submitting comments via mail, fax, and e mail, and included the direct contact information for the Western NEPA Document Manager, Mary Barger. The mailing list will be supplemented throughout the project to include those who provide scoping comments, attend meetings, or express their interest to Western in the Project through the Project website or direct request.

2.3 E-burst

A list of email addresses (Appendix B), including members of the public, stakeholders, tribal representatives, and media was developed through the Environmental Assessment process and updated for the EIS to include approximately 170 individual email addresses. The materials that were included in the scoping packet were sent as digital copies to this list of recipients on the week of July 27, 2009.

2.4 Project Flyer

The project flyer, included as part of the scoping packet, was posted in two public libraries in Flagstaff; in commercial buildings in the Navajo Chapters of Leupp and Dilkon, Arizona; and at the Meteor Crater RV Park and Visitor Center the week of July 27, 2009. The flyer included a brief overview of the project, including a schematic map; the location, dates, and times of each of the public scoping meetings; and the direct contact information for the Western NEPA Document Manager, Mary Barger.

2.5 Newspaper Advertisement

A newspaper advertisement (Appendix A) was developed and published in the Arizona Daily Sun Wednesday, July 22, 2009 and Sunday, August 9, 2009; the Arizona Daily Sun “Midweek” free-distribution edition Wednesday, July 22, 2009; and the Navajo Hopi Observer Wednesday, July 22, 2009 and Wednesday, August 5, 2009. The advertisement included a brief overview of the project, including a schematic map; the location, dates, and times of each of the public scoping meetings; the URL of the project website; and the direct contact information for the Western NEPA Document Manager, Mary Barger.

The public scoping meetings were also promoted in the Arizona Daily Sun’s calendar of events on consecutive days the week of August 2, 2009.

2.6 Radio Announcement

A radio underwriting spot (Appendix A) aired on KNAU, Arizona National Public Radio (NPR). The announcement provided the location, date, and time for each of the public scoping meetings. The underwriting spot aired 12 times from August 3 – 10, 2009, the week prior to the meetings. The spot aired five times on NPR’s “Morning Edition”, two times on “All Things Considered”, three times on “Talk”, and two times on “Weekend Edition” in an effort to reach a cross-section of audiences. KNAU is northern Arizona NPR and broadcasts across northern Arizona, including to the Navajo and Hopi reservations.

2.7 News Release

A news release (Appendix A) was prepared and released to the media July 24, 2009 by Western’s public affairs officer. The news release provided a brief overview of the project; announced the locations, dates, and times of each of the public scoping meetings; provided information for submitting comments via mail, fax, and e-mail; introduced the project website; and included the direct contact information for the Western NEPA Document Manager, Mary Barger. The news release triggered articles in the Arizona Daily Sun, USA Today, and industry press.

2.8 Project Website

A project website was developed and included within Western’s web page at <http://www.wapa.gov/transmission/grapevine.htm>. The website provided links to the materials distributed through direct mail and e-mail, and included: a brief project overview; location, dates, and times of each of the public scoping meetings; Notice of Intent; Project Area Maps; Comment Form (Print and Online); Project Flyer; News Release; and contact information. A copy of the front page of the project website is included in Appendix A. In addition, Foresight maintained an independent project

website at <http://www.grapevinewind.com> with a link to Western’s project website. A copy of the front page of this website is also included in Appendix A.

2.9 Public Scoping Meetings

Two public scoping meetings were held for the proposed project. At each scoping meeting, representatives from Western, Coconino National Forest, Foresight, and Transcon Environmental (the environmental consultant assisting Western with the EIS) were present. The meetings were organized in open-house format and attendees were allowed to speak with project representatives individually. In addition, a presentation was provided on the proposed project and associated facilities, project timeline, NEPA process, and how to provide comments. Display boards were provided showing maps of the project area and each of the three project components, information on the NEPA process, and information on submitting a comment. Comment forms were available at each meeting for attendees to provide written comments at the time of the meeting or to return by mail. Copies of scoping meeting materials including the presentation, display boards, and the comment form are provided in Appendix C. Locations, dates, and attendance of each public meeting are provided in Table 1. In addition, a copy of each meeting sign-in sheet is included in Appendix C.

| TABLE 1 | | |
|---|-----------------|-------------------|
| Public Scoping Meeting Attendance | | |
| Location | Date | Attendance |
| Mormon Lake, Arizona – Mormon Lake Fire Station | August 10, 2009 | 22 |
| Flagstaff, Arizona – NACET | August 11, 2009 | 28 |
| Total Attendance at Scoping Meetings | | 50 |

3.0 RESULTS OF SCOPING PROCESS

Comments were received at each of the public scoping meetings, held August 10 and 11, and were collected by Western's NEPA Document Manager, Mary Barger, through letters, e-mails, an electronic comment card, and phone conversations throughout the scoping period, beginning July 24, 2009 and concluding on August 28, 2009.

A total of 24 comments were received from individuals and local, state, and Federal agencies. No comments were received from Native American tribes during the scoping period. Comments are included as Appendix D. Almost all of the comments identified one or more issues. The issues were grouped into 14 categories by the project team to aid in the interpretation and analysis of comments. The specific issues identified will aid in the assessment of impacts and analysis of resources in the EIS.

3.1 Summary of Issues

| TABLE 2 Summary of Issues | |
|-------------------------------------|-----------------------|
| Main Issue | Total Comments |
| Project Description | 3 |
| Alternatives | 6 |
| Mitigation | 3 |
| Process | 2 |
| Ground Disturbance | 2 |
| Cultural Resources | 4 |
| Health and Safety | 4 |
| Land Use | 5 |
| Noise and Vibration | 2 |
| Socioeconomic | 5 |
| Transportation | 1 |
| Vegetation/Wildlife | 35 |
| Visual Resources | 4 |
| Cumulative Effects | 8 |
| Total Unique Comments | 84 |

3.2 Issues Identified

The following section provides a summary of unique issues identified through comments during scoping. Issues have been grouped into one of the aforementioned 14 categories. Copies of original comments are attached in Appendix D.

3.2.1 Project Description

- Will the roads be upgraded to an "all weather" road?
- Arizona Game and Fish Department (AGFD) requests all permanent met towers be unguyed, free standing structures. If possible, AGFD also requests temporary met towers be unguyed, free standing structures.
- To ensure that facilities are properly sited, a number of issues need to be considered, including transmission and its impacts.

3.2.2 Alternatives

- Consider installing tie-line underground.
- I understand the need for the added power to the Coconino area. If you proposed in an already developed area, where the game is not affected, I would be all for it.
- Key considerations for this project should include minimizing disturbance to the land for both the turbines and the transmission line. For example, can the tie-line be sited along an existing road rather than creating new roads and new disturbance?
- Regarding any transmission line associated with the project, we ask that the line length be kept as short as possible to avoid disturbing larger areas and that the lines be designed in a manner to minimize impact on wildlife.
- Burying the tie-in lines should be considered.
- I feel the area on the other side of Grapevine Canyon should not be considered as it is too remote.

3.2.3 Mitigation

- Remediation of disturbed areas.
- Restoration of the disturbed area with native vegetation.
- Wind requires many gravel roads for construction and placement of the towers - these roads should be fully decommissioned and restored to natural conditions, at least on any state or public lands involved in the project. The road system should be capable of reclamation and rehabilitation, and all roads not essential for routine maintenance should be recontoured and revegetated with native seeds/plants of species that are endemic to the area.

3.2.4 Process

- Our Department (AGFD) has been engaged on the Grapevine energy project, and associated personnel for several years. We have met with Foresight and WEST, Inc. many times to discuss potential wildlife issues and commented and reviewed their Final Report for Phase I of the project. Western's report and data collection for Phase I was completed prior to the finalization of the Department's Wind Energy Guidelines; therefore we look forward to meeting with Western Energy Power and Foresight to discuss how best our Guidelines can help facilitate avoiding impacts to wildlife.
- We (AGFD) would like to meet with you and your staff soon, as this project progresses through the NEPA process.

3.2.5 Ground Disturbance

- Collection system will be plowed in - amount of disturbed land.
- What will be the impacts of construction?

3.2.6 Cultural Resources

- How is the Hopi Tribe being informed in regards to the project since it is close to their lands?
- If impacts on cultural or historic resources affecting tribal values are found, will the tribes, in this case the Hopi Tribe, be informed and get involved?
- The project area is rich in archaeological sites in general, and rock art (petroglyph) sites in particular. These cultural resources must be located, documented, and protected.
- RE: map grid 18 N 10 E, 05-06, very fragile and sensitive native site. I (James Baker) can show you this site.

3.2.7 Health and Safety

- We invite Western to review the section in our (AGFD) guidance related to met tower construction and safety to aircraft pilots.
- Low-level aerial flights can occur outside routine wildlife survey routes. GPS locations of all towers need to be provided to AGFD prior to construction to allow survey aircraft to avoid the towers. In addition, AGFD requests project proponents notify the Department when met towers are removed.
- For all monopole towers ≥ 50 feet tall, paint the top 30 feet of the tower in alternate orange and white paint. This does not apply to lattice towers or lit towers, both of which are more visible than monopoles.

- Low-level aerial flights can occur outside routine wildlife survey routes. Because it is known that dangerous incidents can occur between towers and aircraft, GPS locations of all towers need to be provided to the AGFD prior to construction.

3.2.8 Land Use

- Will firearm hunting be restricted in this area of 70 square miles?
- All weather roads to 330 turbines is a huge amount of "spider web" roads. Will the entire area be open to the public in perpetuity or fenced off?
- How close is the project to the Hopi Tribes fee lands and trust lands?
- This area is where I hunt on a daily basis.
- Would there be any closed hunting areas?

3.2.9 Noise and Vibration

- I am concerned about vibration from trucks.
- What are the noise impacts of the wind turbines and how will those impacts be mitigated? Outdoor recreation, particularly quiet recreation, is the major attraction for many National Forest visitors. People visit our national forests to relax, view wildlife, hike, walk, and camp. These wind turbines generate noise in frequencies from 20 - 3,600 Hz. The frequencies vary with the speed of wind, the pitch and speed of the blades. How noticeable or annoying the wind turbine noise will be depends on the level of ambient noise. The noise of the turbines relative to the ambient noise levels should be addressed in NEPA process.

3.2.10 Socioeconomic

- Western gives a certain percentage to the Hopi Tribe from the hydro power. Will this percentage change dollar wise?
- Would like an agreement between investors and Forest Service to maintain the improved FS Road #126. Project workers will utilize the road; therefore they should share in maintenance expense.
- Within the Socioeconomic portion of the NEPA process as portrayed at the 8/11/09 public meeting, SRP believes that Western should evaluate the potential impacts of the proposed project on existing Western customers.
- Being in a partnership with the Metzger Flying M is good for the local economy.
- As part of Western's socioeconomic evaluation of this proposal, it should evaluate the potential impacts on Western's current firm electric and transmission service customers, from operational and rates perspectives. Analysis of specific cost allocation and cost responsibility methodologies should be employed.

3.2.11 Transportation

- This site does not appear to be easily accessible to the heavy equipment necessary for construction and maintenance. There is also the issue of hauling the towers and the turbines to the site.

3.2.12 Vegetation/Wildlife

- Impacts to Wildlife, primarily antelope, deer, and elk habits need to be studied and reported.
- Are there any eagle nesting areas within the proposed wind park project area?
- Pronghorn impacts?
- Study migration/routes of travel for birds, especially in relation to Mormon Lake and Upper /Lower Lake Mary, also for wildlife/large animals.
- Your project seems to have low impact on the desert scrub juniper environment.
- The latest wind turbine development minimizes impact on birdlife.
- I would like to see the proposed area stay the same based on the wildlife impacted, mainly the elk and big game.
- I like the idea of being able to drive 45 minutes to the proposed area and see the elk and big game not be affected in any means.
- The new paved road will affect the game traveling habits. The increase of traffic and equipment will also make the game move to a less traveled area.
- The AGFD generally supports the development of wind energy as a viable source of clean and renewable energy. We believe with proper site placement and safeguards, the benefits of utilizing wind energy outweigh the potential for negative effects to wildlife populations.
- While we believe that wind can be a viable option for energy, we are concerned that specific sites may have an increased potential for negative impacts to certain breeding, migratory, and wintering species. To address these concerns and to facilitate working relationships with project partners, the Department (AGFD) has created Wind Energy Guidelines entitled Guidelines for Reducing Impacts to Wildlife from Wind Energy Development in Arizona. These guidelines can be found on our website at <http://www.azgfd.gov/hgis/guidelines.aspx>.
- The Department (AGFD) foresees a potential first meeting as a discussion of which Category (see page 18 of the Guidelines) the Grapevine Project may fit into, and how that Category may dictate pre and post construction monitoring. Additionally, the Department would like to discuss further pre-construction data collection specifically as it relates to Phase II, which currently has not been monitored for potential wildlife impacts.
- If guy wires are present, AGFD recommends the applicant attach Bird Flight Diverters (BFDs) at 10-meter intervals along the length of each guy wire (Note: There are several manufacturers of BFDs: TYCO, Preformed Line Products, Dulmison, etc.). Research shows the attachment of BFDs

can reduce bird collisions by as much as 86-89% (Pope et al., 2006.

http://www.chelanpud.org/documents/Burch_Final_Report_V1.pdf).

- AGFD recommends all temporary towers are only on site for the minimum amount of time needed to monitor the wind resource. If towers are on site for more than 1 year, AGFD recommends carcass searches be implemented, especially during the bird migration period (see Chapter 5, Post-construction Monitoring and Reporting).
- If a temporary tower is going to become a permanent structure for the life of the project, AGFD recommends the tower(s) be included as part of the longer term (pre-construction and post-construction) monitoring program.
- AGFD recommends the applicant place acoustic monitoring stations on met towers in the proposed project area (Note: This will help collect bat activity information needed for pre-construction analysis). Acoustic monitoring should be intensified during bat migration periods (August 16 – October 31). Acoustic data collection objectives should strive to collect as much acoustic information as is feasible across seasons with an emphasis on migration periods.
- Work with AGFD to determine the number of acoustic monitoring stations needed to adequately cover the project area. The number of acoustic stations will depend on project footprint and habitat complexity.
- When siting met towers, avoid habitat features that congregate wildlife such as water resources, habitat edges, etc.
- The Department (AGFD) has attached two wildlife lists (Appendix D) to consider during the analysis of effects from this project. The special status species list was obtained during review of Phase 1 and 2 of the Grapevine project from the Heritage Data Management System (HDMS). Because this list may be outdated, the Department recommends contacting our Phoenix Program Evaluation Program (pep@azgfd.gov) office to obtain any additional species information that may have been reported recently. Although only Federally-listed species and state species of concern are identified within HDMS system, species protected by other Federal and state laws are applicable and need to be considered in project planning. Therefore, we are also providing a list from the Arizona Breeding Bird Atlas (ABBA) which identifies bird species in the area during their respective breeding seasons.
- The Department (AGFD) also encourages Western to contact the USFWS's Ecological Services in Flagstaff for wildlife issues that pertain to Threatened and Endangered Species.
- What are the impacts to wildlife?
- Generally with wind projects, bat and bird species are of concern. How will this project affect them, and what will be done to minimize those impacts?

- Arizona has 28 species of bats and at least some of those species inhabit the area of the proposed Grapevine Wind Project including pallid bats (*Antrozous pallidus*), big brown bats (*Eptesicus fuscus*), Allen's lappet-browed bats (*Idionycteris phyllotis*), and others. Allen's lappet-browed bat forms maternity colonies in ponderosa pine snags and the big brown bats can be found in ponderosa pine forests and pinon-juniper woodland. The NEPA analysis associated with this project should include consideration of the species of bats in the area and the potential impacts on those bats. Can impacts be mitigated and how? Studies of bat fatalities indicate that weather patterns affect them - most bats are killed on nights with lower wind speeds. More bats were killed before and after storm fronts passed through as well.
- The installation should be designed to discourage birds from landing on the towers and all other structures. Birds and bats have had major conflicts with some earlier wind projects. To what degree can these problems be solved or mitigated with new designs? Please evaluate this in the NEPA process for this project.
- Care should be taken not to promote the spread of invasive non-native plant species by ensuring that disturbed areas are revegetated and that any equipment used is cleaned thoroughly before and after entering the area.
- I am concerned about how this would affect the antelope, deer, and elk populations, and migration and birthing in this area.
- How will the improved road and powerline affect the wildlife?
- I feel the wildlife and hunting will suffer because of the environment of this area.
- Be advised that nearly all native species of birds in the United States are Federally protected by the Migratory Bird Treaty Act (MBTA) (16 U.S.C. 703-712). Under this Act it is unlawful to “pursue, hunt, take, capture, kill, attempt to take, capture, or kill, possess... any migratory bird, any part, nest, or egg of any such bird...” of the species protected under the Act, unless such take is authorized by permit. A list of protected species may be found at Title 50, Code of Federal Regulations, Part 10. There is no permit available under the MBTA that authorizes incidental take of migratory birds, so it will be in the interest of Foresight Flying M, LLC to take steps to avoid take of migratory birds as much as possible.
- In order to avoid violations of the MBTA through destruction of active bird nests, habitat clearing for this project should occur outside the local avian nesting season. In this region the months September through March would constitute the non-breeding season for most species, although even in those months some nesting may occur. Once the specific region for the project is identified, this office (USFWS) (also AGFD) will be able to identify potential nesting species during the “non-breeding” months.

- An inventory of active raptor nests should be completed before construction begins to determine their locations and if there are any Golden Eagle territories in the vicinity. Golden Eagles nest throughout this region wherever there are suitable cliffs and an appropriate food supply, thus it is likely that there will be some nesting pairs either within or adjacent to the project area. Destruction of or causing abandonment of a Golden Eagle nest would constitute a violation of the Bald and Golden Eagle Protection Act (16 U.S.C. 668-668d).
- In addition to eagles, other species of raptors that may nest in or near the project area include Red-tailed, Ferruginous, and Swainson's hawks, Great Horned, Barn, and Burrowing owls, and possibly Peregrine and Prairie falcons. Turbine placement should take into account nest locations and movement patterns of these species (particularly the eagles and falcons) and avoid those areas as much as possible. Further, eagle and other raptor movements through this region during spring and fall migrations are not well known; these should be monitored through each of those seasons during the pre-construction phase to identify concentration corridors that should potentially be avoided.
- A thorough understanding of the status and distribution of all birds of conservation concern found in the project area will help to reduce impacts to declining species during the habitat-altering activities. This should include those species identified as conservation priorities in the USFWS 2008 list of Birds of Conservation Concern (<http://www.fws.gov/migratorybirds>), the Partners in Flight Species Assessments for that region (<http://www.rmbo.org/pif/pifdb.html>), and the Arizona State Wildlife Action Plan (http://www.azgfd.gov/w_c/cwcs.shtml). One of these species of concern is the Gray Vireo, which is a specialist of the habitats described in the NOI for the project area (pinyon-juniper and associated brushlands). Impacts to this species in particular should be addressed prior to construction and Gray Vireo locations avoided if possible.
- Because bats are also an issue with wind energy facilities, seasonal and annual occurrence of bats, locations of hibernacula, breeding colonies, and roosts should be thoroughly assessed as well as locations of predictable flight lines. These assessments should include migratory bats such as those in the Lasiurine group (e.g. hoary bat, silver-haired bat), which have been shown to be particularly vulnerable to blade strikes.
- Finally, wind turbine placement and FAA-required lighting should follow the USFWS guidelines available, respectively, at:
http://www.fws.gov/habitatconservation/windpower/wind_turbine_advisory_committee.html and
<http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>. Although these guidelines are considered voluntary, it is important to keep these in mind to minimize impacts to birds at these facilities.

3.2.13 Visual Resources

- "Topographic simulations" are critical to understanding and visualizing this project. (3D Visual Models)
- Visual Impacts are also a consideration. How will this project affect the viewshed? The impact could be reduced by burying the tie-in line.
- Can the structures and visible mechanisms be painted to minimize impact on the viewshed?
- Any aircraft warning lights should be no more intrusive to the surrounding night time viewshed than is actually necessary - no strobe lights should be allowed.

3.2.14 Cumulative Effects

- How is the Navajo Wind Project going to effect the power distribution on the Western transmission line?
- NEPA mandates that the environmental impacts, including any cumulative impacts as well as direct and indirect impacts of the project be considered.
- How will Western ensure that there are no negative impacts resulting from the proposed project on Colorado River Storage Project (CRSP) firm electric and/or transmission service deliveries to customers?
- How will Western ensure that there are no negative impacts resulting from the proposed project on the long-standing SRP-Western 2468 agreement?
- Given the proponents stated intent to sell energy from the facility to prospective non-preference customers, how will Western ensure that the utilization of Western's facilities for this purpose will not impact preference customers holding long term CRSP contracts that extend through the year 2024?
- With respect to one of the sister agencies that you referred to during the 8/11/09 public scoping meeting, and given the challenges that Bonneville Power Administration has encountered with respect to integrating wind resources into its northwest system, SRP suggests that Western address its plan for managing the control area and associated operational challenges that are inherent to dealing with intermittent resource integration within the EIS.
- The environmental impact statement must account for the cumulative impacts of the proposal and that would obviously include transmission service. Moreover, the applicant is required to pay for a study of available transfer capability. It is our information that the Glen Canyon to Pinnacle Peak line is already a constrained path. Thus, it is vital that this study be done at this stage in order to properly assess the impacts on Western and its facilities as well as the impacts on its customers whose CRSP deliveries depend on transfer capability on this line. In short, the transmission service process cannot be bifurcated and any attempt to do so is in violation of NEPA and contrary to

Federal Energy Regulatory Commission (FERC) Orders 888 and 889 which Western has agreed to abide by.

- Western's analysis should include how the addition of this resource will affect system reliability and operational impacts, including control area and other issues associated with the integration of an intermittent resource, on an already constrained transmission path.

3.3 Comments Outside the Scope of the EIS

Several comments were received that were outside the scope of the EIS or were not considered an issue. Four comments were not considered issues, including: three comments that were simple requests for further information; one comment marketing geotechnical construction work; and another comment expressing support for the project. Two comments were considered outside the scope of the EIS. One comment requested the wind turbines be built in the United States. The other comment requested information on the Hopi Project, previously proposed by Foresight.

APPENDIX A

ANNOUNCEMENTS

NOTICE OF INTENT

Description: 2009 Annual Report of Cash Out Activity of Cimarron River Pipeline, LLC.

Filed Date: 07/14/2009.

Accession Number: 20090714-5032.

Comment Date: 5 p.m. Eastern Time on Monday, July 27, 2009.

Docket Numbers: RP09-828-000.

Applicants: Texas Gas Transmission, LLC.

Description: Texas Gas Transmission, LLC submits Fourth Revised Sheet 99A to FERC Gas Tariff, Third Revised Volume 1.

Filed Date: 07/14/2009.

Accession Number: 20090714-0102.

Comment Date: 5 p.m. Eastern Time on Monday, July 27, 2009.

Docket Numbers: RP09-829-000.

Applicants: Midcontinent Express Pipeline LLC.

Description: Midcontinent Express Pipeline LLC submits two amendments to an existing negotiated rate Transportation Rate Schedule FTS Agreement between MEP and Newfield Exploration Mid-Continent Inc.

Filed Date: 07/14/2009.

Accession Number: 20090714-0101.

Comment Date: 5 p.m. Eastern Time on Monday, July 27, 2009.

Any person desiring to intervene or to protest in any of the above proceedings must file in accordance with Rules 211 and 214 of the Commission's Rules of Practice and Procedure (18 CFR 385.211 and 385.214) on or before 5 p.m. Eastern time on the specified comment date. It is not necessary to separately intervene again in a subdocket related to a compliance filing if you have previously intervened in the same docket. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Anyone filing a motion to intervene or protest must serve a copy of that document on the Applicant. In reference to filings initiating a new proceeding, interventions or protests submitted on or before the comment deadline need not be served on persons other than the Applicant.

The Commission encourages electronic submission of protests and interventions in lieu of paper, using the FERC Online links at <http://www.ferc.gov>. To facilitate electronic service, persons with Internet access who will eFile a document and/or be listed as a contact for an intervenor must create and validate an eRegistration account using the eRegistration link. Select the eFiling link to log on and submit the intervention or protests.

Persons unable to file electronically should submit an original and 14 copies

of the intervention or protest to the Federal Energy Regulatory Commission, 888 First St., NE., Washington, DC 20426.

The filings in the above proceedings are accessible in the Commission's eLibrary system by clicking on the appropriate link in the above list. They are also available for review in the Commission's Public Reference Room in Washington, DC. There is an eSubscription link on the Web site that enables subscribers to receive e-mail notification when a document is added to a subscribed docket(s). For assistance with any FERC Online service, please e-mail FERCOnlineSupport@ferc.gov or call (866) 208-3676 (toll free). For TTY, call (202) 502-8659.

Nathaniel J. Davis, Sr.,

Deputy Secretary.

[FR Doc. E9-17664 Filed 7-23-09; 8:45 am]

BILLING CODE 6717-01-P

DEPARTMENT OF ENERGY

Western Area Power Administration

Interconnection of the Grapevine Canyon Wind Project, Coconino County, AZ

AGENCY: Western Area Power Administration, DOE.

ACTION: Notice of Intent to Prepare an Environmental Impact Statement/ Environmental Impact Report and Conduct Scoping Meetings; Notice of Floodplain and Wetlands Involvement.

SUMMARY: The Western Area Power Administration (Western), an agency of the DOE, intends to prepare an environmental impact statement (EIS) on the interconnection of the Grapevine Canyon Wind Project (Project) in Coconino County, near Flagstaff, Arizona. Foresight Flying M, LLC (Foresight) has applied to Western to interconnect the proposed Project to Western's power transmission system on its Glen Canyon-Pinnacle Peak Transmission Line. Western is issuing this notice to inform the public and interested parties about Western's intent to prepare an EIS, conduct a public scoping process, and invite the public to comment on the scope, proposed action, alternatives, and other issues to be addressed in the EIS.

The EIS will address Western's Federal action of interconnecting the proposed Project to Western's transmission system and making any necessary modifications to Western facilities to accommodate the interconnection. The EIS will also review the potential environmental

impacts of constructing, operating, and maintaining Foresight's wind generation facility and associated facilities, including access roads, collection and feeder lines, step-up substation, communications system, transmission tie-line, and switchyard.

DATES: The public scoping period begins with the publication of this notice and closes on August 28, 2009. Public scoping meetings will be held on August 10 and 11, 2009.

ADDRESSES: Please see the **SUPPLEMENTARY INFORMATION** section for scoping meeting locations. Written comments on the scope of the EIS should be addressed to Ms. Mary Barger, National Environmental Policy Act (NEPA) Document Manager, Western Area Power Administration, Desert Southwest Region, P.O. Box 6457, 615 S. 43rd Avenue, Phoenix, AZ 85005 or GrapevineWindEIS@wapa.gov.

FOR FURTHER INFORMATION CONTACT: Ms. Mary Barger, NEPA Document Manager, Western Area Power Administration, Desert Southwest Region, P.O. Box 6457, 615 S. 43rd Avenue, Phoenix, AZ 85005, telephone (602) 605-2524, fax (602) 605-2630, or e-mail GrapevineWindEIS@wapa.gov. For general information on DOE's NEPA review procedures or status of a NEPA review, contact Ms. Carol M. Borgstrom, Director of NEPA Policy and Compliance, GC-20, U.S. Department of Energy, 1000 Independence Avenue, SW., Washington, DC 20585, telephone (202) 586-4600 or (800) 472-2756.

SUPPLEMENTARY INFORMATION: Western, an agency within DOE, markets Federal hydroelectric power to preference customers, as specified by law. These customers include municipalities, cooperatives, irrigation districts, Federal and State agencies, and Native American tribes. Western's service territory covers 15 western states, including Arizona. Western owns and operates more than 17,000 miles of high-voltage transmission lines.

Foresight has applied to Western to interconnect the proposed Project at a new switchyard on Western's Glen Canyon-Pinnacle Peak Transmission Line. Western offers capacity on its transmission system to deliver electricity, when such capacity is available, under Western's Open Access Transmission Service Tariff.

Foresight also has applied to the U.S. Forest Service for a permit to build, operate, and maintain a portion of the proposed project on Coconino National Forest land. Additionally, Foresight is subject to State and local approvals prior to building the proposed Project, including the following: a Certificate of

Environmental Compatibility from the Arizona Corporate Commission, right of way from the Arizona State Land Department, and a Conditional Use Permit from Coconino County.

Project Description

Foresight proposes to construct a wind energy generation project up to 500 megawatts (MW). It would occupy approximately 55 square miles in Coconino County, Arizona. The wind generation component of the proposed Project would be located about 22 miles southeast of Flagstaff and about 18 miles south of the Twin Arrows Interstate-40 interchange. It would be located within the Pinyon-Juniper Woodland Ecozone of the Colorado Plateau Semi-Desert Province in the northeastern quarter of Arizona. The area has primarily pinyon-juniper and desert scrub vegetation types. The current land use is agricultural, primarily livestock grazing. Each wind turbine would involve the disturbance of about 1.0 to 1.6 acres.

The wind generation component of the proposed Project would be constructed on private lands and land administered by the Arizona State Land Department. The proposed Project would generate electricity from wind turbine generators rated at 1.5 to 3.0 MW. Final turbine selection and size is subject to further wind analysis, and will determine the number of turbines. Each turbine would have three blades that would revolve at less than approximately 18 revolutions per minute. Each blade would measure 125 to 185 feet long. The single pole structures supporting each of the turbines would be up to 325 feet high and approximately 20 feet in diameter at the base. Each turbine structure would be up to approximately 500 feet high, when a blade is in the 12 o'clock position. Each would be installed on a concrete base, and would have a pad-mounted transformer near the base. Lighting would be in accordance with Federal Aviation Administration requirements.

There would be an all-weather service road constructed to each turbine location. The wind turbines would be connected by an electrical collection system, power collection circuits, and a communications network. This collection system would be buried, where feasible, in areas without major subsurface obstructions. Foresight would site the wind turbine generators to optimize wind and land resources in the area while minimizing environmental impacts to the extent practicable. Foresight would comply with local zoning requirements, including setbacks from residences,

roads, and existing transmission and distribution lines. Foresight would begin construction on the proposed Project approximately fall 2010. The life of the proposed Project is anticipated to be a minimum of 30 years.

To support delivery of the power generated by the Project, Foresight proposes to build a new 345-kV transmission tie-line, approximately 9 miles in length, to a new 345-kV switchyard, located immediately adjacent to Western's existing Glen Canyon-Pinnacle Peak Transmission Line. The transmission tie-line would cross lands administered by Coconino National Forest. The right-of-way for the transmission line would be about 8.5 miles in length by 200 feet wide, for a total disturbance area of about 206 acres. The physical area affected by the new switchyard would be about 10 acres. The proposed Project area would be accessed by an existing road about 18 miles in length that would require some realignment for construction activities.

Proposed Agency Action and Alternatives

Western's proposed action is to interconnect the proposed Project to Western's transmission system. The U.S. Forest Service's proposed action is to grant a permit for the transmission line to cross Federal lands and for associated road improvements. Any additional action alternatives identified will be analyzed in the EIS.

Western will also consider the no-action alternative in the EIS. Under the no-action alternative Western would not interconnect and/or the U.S. Forest Service would not issue a permit.

Agency Responsibilities

Because interconnection of the proposed Project would incorporate a major new generation resource into Western's power transmission system, Western has determined that an EIS is required under DOE NEPA implementing procedures, 10 CFR part 1021, subpart D, Appendix D, class of action D6. Western will be the lead Federal agency for preparing the EIS, as defined at 40 CFR 1501.5. The proposed Project includes construction of a tie-line across Coconino National Forest land, for which the U.S. Forest Service has jurisdiction and has agreed to be a cooperating agency for preparation of the EIS. Western will invite other Federal, State, local, and tribal agencies with jurisdiction by law or special expertise with respect to environmental issues to be cooperating agencies on the EIS, as defined at 40 CFR 1501.6. Such agencies may also make a request to Western to be a cooperating agency by

contacting Ms. Barger at the address listed above in the **ADDRESSES** section.

The proposed Project may affect floodplains or wetlands. This notice also serves as notice of proposed floodplain or wetland action, in accordance with 10 CFR part 1022.

Environmental Issues

This notice is to inform agencies and the public of Western's intent to prepare an EIS and solicit comments and suggestions for consideration in the EIS. To help the public frame its comments, the following list contains potential environmental issues preliminarily identified for analysis in the EIS:

1. Impacts on protected, threatened, endangered, or sensitive species of animals or plants.
2. Impacts on avian and bat species.
3. Impacts on land use, recreation, and transportation.
4. Impacts on cultural or historic resources and tribal values.
5. Impacts on human health and safety.
6. Impacts on air, soil, and water resources (including air quality and surface water impacts).
7. Visual impacts.
8. Socioeconomic impacts and disproportionately high and adverse impacts to minority and low-income populations.

This list is not intended to be all-inclusive or to imply any predetermination of impacts. Western invites interested parties to suggest specific issues within these general categories, or other issues not included above, to be considered in the EIS.

Public Participation

The EIS process includes a public scoping period; public review and hearings on the draft EIS; publication of a final EIS; and publication of a record of decision (ROD). The public scoping period begins with publication of this notice and closes August 28, 2009. At the conclusion of the NEPA process, Western and the U.S. Forest Service will each prepare a ROD. Persons interested in receiving future notices, Project information, copies of the EIS, and other information on the NEPA review process should contact Ms. Barger at the address listed above in the **ADDRESSES** section.

Western will hold public scoping meetings as follows:

1. August 10, 2009, Mormon Lake Fire Station, 43 Mormon Lake Road, Mormon Lake, AZ 86038.
2. August 11, 2009, Northern Arizona Center for Emerging Technologies (NACET), 2225 N. Gemini Drive, Flagstaff, AZ 86001.

Each meeting is scheduled for 6–8 p.m. with an open-house format, during which attendees are invited to speak one-on-one with agency and Project representatives. Project presentations will be given at 6:15 and 7:30 p.m. Attendees are welcome to come and go at their convenience throughout the meeting.

The purpose of the scoping meetings is to provide information about the proposed Project, review Project maps, answer questions, and take written comments from interested parties. All meeting locations are handicapped-accessible. Anyone needing special accommodations should contact Ms. Barger to make arrangements.

The public will have the opportunity to provide written comments at the public scoping meetings, or send them to Western by fax, e-mail, or U.S. Postal Service mail. To help define the scope of the EIS, comments should be received by Western no later than August 28, 2009.

Dated: July 15, 2009.

Timothy J. Meeks,
Administrator.

[FR Doc. E9–17700 Filed 7–23–09; 8:45 am]
BILLING CODE 6450–01–P

DEPARTMENT OF ENERGY

National Nuclear Security Administration

Notice of Intent To Prepare an Environmental Impact Statement for the Continued Operation of the Department of Energy/National Nuclear Security Administration Nevada Test Site and Off-Site Locations in the State of Nevada

AGENCY: U.S. Department of Energy's National Nuclear Security Administration.

ACTION: Notice of intent to prepare an environmental impact statement and conduct public scoping meetings.

SUMMARY: Pursuant to the National Environmental Policy Act (NEPA) of 1969, as amended (42 U.S.C. 4321 *et seq.*), the Council on Environmental Quality (CEQ) and the U.S. Department of Energy (DOE) regulations implementing NEPA (40 CFR Parts 1500–1508 and 10 CFR Part 1021, respectively), the National Nuclear Security Administration (NNSA), a semi-autonomous agency within DOE, announces its intention to prepare a site-wide environmental impact statement (SWEIS) (DOE/EIS–0426) for the continued operation of DOE/NNSA activities at the Nevada Test Site (NTS)

and certain off-site locations (the Remote Sensing Laboratory at Nellis Air Force Base, Las Vegas, Nevada, the DOE/NNSA campus in North Las Vegas, and the Nevada Test and Training Range (NTTR) including activities at the Tonopah Test Range (TTR)) in the State of Nevada. The purpose of this notice is to invite individuals, organizations, and government agencies and entities to participate in developing the scope of the SWEIS.

The new SWEIS will consider a No Action Alternative, which is to continue current operations through implementation of the 1996 Record of Decision (ROD) (61 FR 65551; 12/13/96), and subsequent decisions. Three action alternatives proposed for consideration in the SWEIS would be compared to the No Action Alternative. The three action alternatives would differ by either their type or level of ongoing operations and may include proposals for new operations or the reduction or elimination of certain operations.

DATES: NNSA invites comments on the scope of this SWEIS. The public scoping period starts with the publication of this notice in the **Federal Register** and will continue through October 16, 2009. NNSA will consider all comments defining the scope of the SWEIS received or postmarked by this date. Comments received or postmarked after this date will be considered to the extent practicable. NNSA will conduct public scoping meetings in Las Vegas, Tonopah and Pahrump, Nevada and St. George, Utah scheduled as follows:

- Thursday, September 10, 2009—2–4 p.m. and 6–8 p.m.
Frank H. Rogers Science & Technology Building, Desert Research Institute, 755 East Flamingo Road, Las Vegas, NV.
- Monday, September 14, 2009—5:30–7:30 p.m.
Bob Ruud Community Center, 150 North Highway 160, Pahrump, NV.
- Wednesday, September 16, 2009—5:30–7:30 p.m.
Tonopah Convention Center, 301 Brougner Ave., Tonopah, NV.
- Friday, September 18, 2009—5:30–7:30 p.m.
Holiday Inn Conference Center, 850 South Bluff Street, St. George, Utah.

These scoping meetings will provide the public with an opportunity to present comments, ask questions, and discuss issues with NNSA officials regarding the SWEIS. Preparation of the SWEIS will require participation of other Federal agencies. As bordering land managers, the USAF and BLM have an inherent interest in activities at the

Nevada Test Site (NTS). The DHS and DTRA are tenant organizations with ongoing and future operations at the NTS: Therefore requests for cooperating agency participation will be extended to the DOE, Department of Defense, U.S. Air Force (USAF) and the Defense Threat Reduction Agency (DTRA), the Department of Homeland Security (DHS), and the Department of the Interior, Bureau of Land Management (BLM.)

ADDRESSES: To submit comments on the scope of the SWEIS, questions about the document or scoping meetings, or to be included on the document distribution list, please contact: Linda M. Cohn, NNSA Nevada Site Office, SWEIS Document Manager, P.O. Box 98518, Las Vegas, Nevada 89193–8518; telephone (702) 295–0077; fax (702) 295–5300; or e-mail address: nepa@nv.doe.gov.

FOR FURTHER INFORMATION CONTACT: For general information about the DOE NEPA process, please contact: Carol M. Borgstrom, Director, Office of NEPA Policy and Compliance (GC–20), U.S. Department of Energy, 1000 Independence Avenue, SW., Washington, DC 20585; e-mail: askNEPA@hq.doe.gov; telephone: 202–586–4600, or leave a message at 1–800–472–2756; or fax: 202–586–7031. Please note that U.S. Postal Service deliveries to the Washington, DC office may be delayed by security screening. Additional information regarding DOE NEPA activities is available on the Internet through the NEPA Web site at <http://www.gc.energy.gov/nepa>.

SUPPLEMENTARY INFORMATION:

Background

The NTS occupies about 1,375 square miles (3,561 square kilometers) in southern Nevada, and is surrounded on three sides by the U.S. Air Force Nevada Test and Training Range (NTTR) (formerly the Nellis Air Force Range) and the Desert National Wildlife Refuge. The fourth boundary is shared with the Bureau of Land Management. The Nevada Site Office (NSO) operations are managed and performed for DOE/NNSA under contract by a management and operating contractor (currently National Security Technologies, LLC) which teams with personnel from Lawrence Livermore National Laboratory, Los Alamos National Laboratory, and Sandia National Laboratories as well as other governmental entities to perform NTS mission-related activities. NTS is a multi-disciplinary, multi-purpose facility primarily engaged in work that supports national security, homeland security initiatives, waste management, environmental restoration, and defense

DIRECT MAIL PACKET



Department of Energy
Western Area Power Administration
Desert Southwest Customer Service Region
P.O. Box 6457
Phoenix, AZ 85005-6457

July 20, 2009

Dear Interested Party;

This letter is to inform you that Western Area Power Administration (Western) plans to prepare an Environmental Impact Statement (EIS) on the interconnection of the proposed Grapevine Canyon Wind Project in Coconino County.

Western is an agency of the U.S. Department of Energy and has the responsibility, under the National Environmental Policy Act (NEPA), to prepare an EIS. Western will be the lead Federal agency for preparing the EIS, and the U.S. Forest Service has agreed to be a co-operating agency. Previously, an environmental assessment was begun under the direction of the U.S. Forest Service; however, Western's involvement requires an EIS.

Western will host open-house public scoping meetings from 6:00pm to 8:00pm on August 10 and 11, 2009, in order to share information about the proposed project and get feedback on the scope of the EIS. The informal meetings will provide the public and interested parties with the opportunity to learn about the NEPA process, meet one-on-one with project team members, ask questions, and make comments. Presentations will be at 6:15pm and 7:30pm, with an open-house format from 6:00-8:00pm for both meetings.

Meeting information:

- **Monday, August 10, 2009, 6:00-8:00pm**
 - Mormon Lake Fire Station, 43 Mormon Lake Road, Mormon Lake, AZ

- **Tuesday, August 11, 2009, 6:00-8:00pm**
 - NACET Conference Room, 2225 N. Gemini Drive, Flagstaff, AZ

Foresight Flying M, LLC, the project proponent, proposes to construct a wind energy generation project up to 500 megawatts. The project would be located on privately owned ranch lands, and trust lands administered by the Arizona State Land Department. The project location is approximately 22 miles southeast of Flagstaff, and about 18 miles south of the I-40 Twin Arrows interchange.

To support delivery of the power generated by the project, the proponent proposes to build a new 345-kV transmission tie-line to interconnect with Western's existing Glen Canyon-Pinnacle Peak Transmission Line. The transmission tie-line would cross lands administered by Coconino National Forest.

The project area would be accessed by the existing F.S. 126 road, south of the I-40 Twin Arrows interchange, which will require some realignment for construction activities. A new switchyard at the interconnection point with the new 345-kV transmission line will be built on the Coconino National Forest.

Western would like to extend an invitation to you to provide your comments on the abovementioned proposition. Your comments will help Western define issues and alternatives for evaluation of the environmental impacts of the proposed project. Comments can be provided in person at the public meetings, by mail, e-mail, or telephone via the contact information below. A pre-addressed and stamped comment form is enclosed for your convenience. To ensure consideration as we develop the EIS, Western should receive your comments by August 28, 2009.

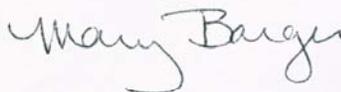
A project flyer and map are included for your review. Additional project information and directions to the public meetings are available at the project website.

Contact information:

Website: www.wapa.gov/transmission/grapevine.htm
E-mail: GrapevineWindEIS@wapa.gov
Project phone: (602) 605-2524
Project fax: (602) 605-2630
Mail: Western Area Power Administration
ATTN: Mary Barger
P.O. Box 6457
Phoenix, AZ 85005

On behalf of Western and the project team, I look forward to discussing the project with you and hearing any comments that you may have.

Sincerely,



Mary Barger
NEPA Document
Manager

Enclosures



Your Comment is Welcome

Your comments will help define issues and alternatives for evaluation in the environmental impact statement.

The public scoping comment period closes August 28, 2009.



For more information visit the project website at www.wapa.gov/transmission/grapevine.htm or contact Mary Barger Western Area Power Administration PO Box 6457 Phoenix, AZ. 85005 telephone 602-605-2524, fax 602-605-2630, email GrapevineWindEIS@wapa.gov

Grapevine Canyon Wind Project

PUBLIC SCOPING for NEPA PROCESS

Western Area Power Administration (Western) will host open house public scoping meetings August 10 and 11, 2009, to share information about the proposed Grapevine Canyon Wind Project.

Learn about the National Environmental Policy Act (NEPA) process, meet with project team members, ask questions and make comments at the informal meetings. Project presentations will be given at 6:15 and 7:30 pm, with an open house format from 6-8 pm.

PUBLIC SCOPING MEETINGS

Monday, August 10, 6-8 pm
Mormon Lake Fire Station
43 Mormon Lake Rd
Mormon Lake, AZ

Tuesday, August 11, 6-8 pm
NACET Conference Room
2225 N. Gemini Drive
Flagstaff, AZ

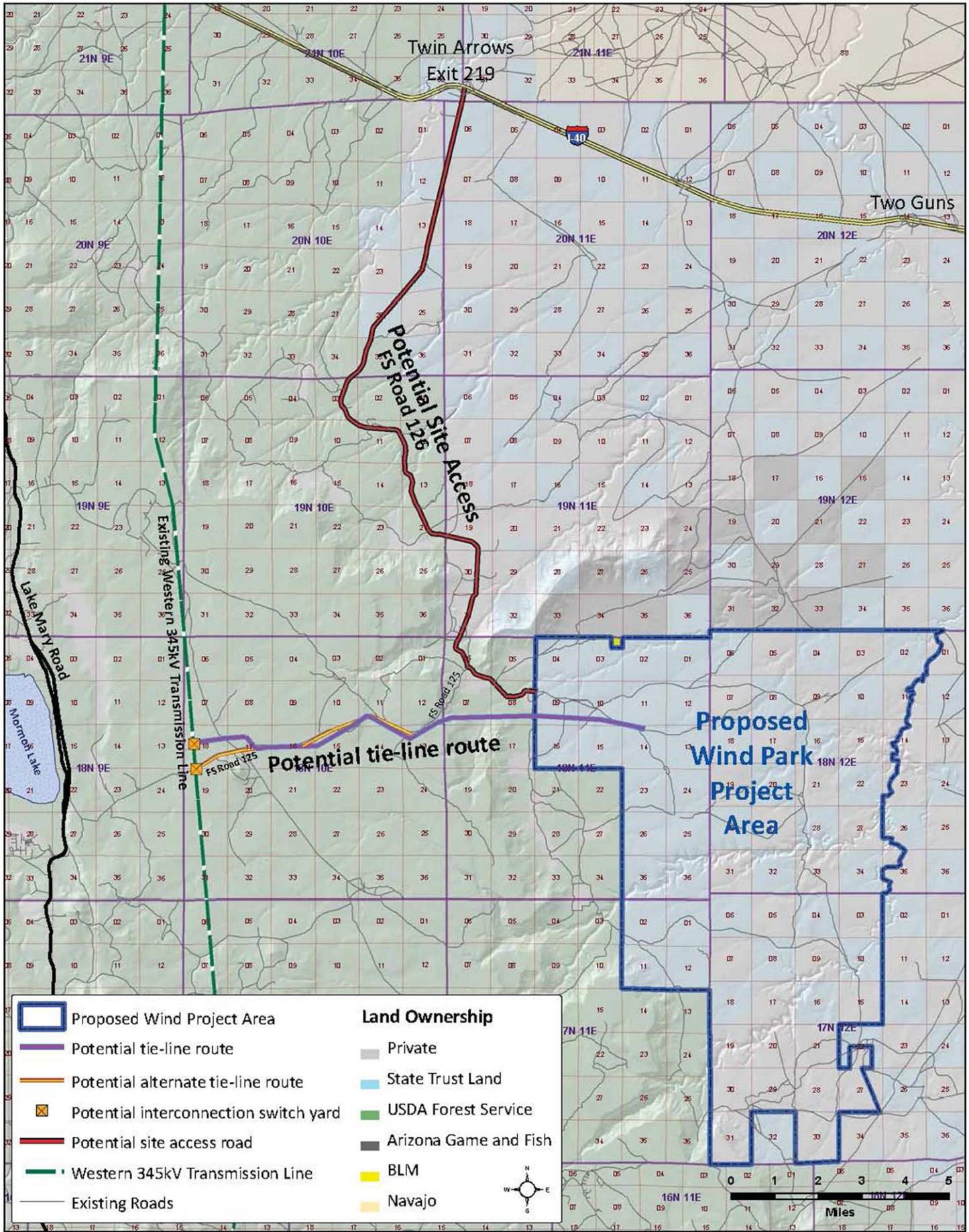
PROJECT INFORMATION and VICINITY MAP

Foresight Flying M LLC proposes to build a wind energy generation project approximately 22 miles southeast of Flagstaff and 18 miles south of the I-40 Twin Arrows interchange. The proposed project would be located on private ranch lands and Arizona State Trust Lands. A new transmission tie-line across the Coconino National Forest and upgrades to portions of F.S. Road 126 are proposed. Western is an agency of the U.S. Department of Energy and has the responsibility to prepare an environmental impact statement. The U.S. Forest Service will be a cooperating agency.



Email: GrapevineWindEIS@wapa.gov
Website: www.wapa.gov/transmission/grapevine.htm

Grapevine Canyon Wind Project



| | | |
|--|---------------------------------------|-----------------------|
| | Proposed Wind Project Area | Land Ownership |
| | Potential tie-line route | Private |
| | Potential alternate tie-line route | State Trust Land |
| | Potential interconnection switch yard | USDA Forest Service |
| | Potential site access road | Arizona Game and Fish |
| | Western 345kV Transmission Line | BLM |
| | Existing Roads | Navajo |



Fold Here, Tape Edges to Seal for Mailing

Mary Barger
Western Area Power Administration
National Environmental Policy Act (NEPA) Document Manager
P.O. Box 6457
Phoenix, AZ 85005

Fold Here, Tape Edges to Seal for Mailing

NEWSPAPER AND RADIO ANNOUNCEMENTS



Western Area Power Administration

Grapevine Canyon Wind Project

Western will host open house public scoping meetings August 10 and 11, 2009, to share information about the proposed Grapevine Canyon Wind Project. Learn about the National Environmental Policy Act (NEPA) process, meet with project team members, ask questions and make comments at the informal meetings.

PUBLIC SCOPING MEETINGS

Monday, August 10, 6-8 pm

Mormon Lake, AZ — Mormon Lake Fire Station, 43 Mormon Lake Rd

Tuesday, August 11, 6-8 pm

Flagstaff, AZ — NACET Conference Room, 2225 N. Gemini Drive

Project Presentations at 6:15 and 7:30 pm, Open House Format 6-8 pm

Foresight Flying M LLC proposes to build a wind energy generation project approximately 22 miles southeast of Flagstaff and 18 miles south of the I-40 Twin Arrows interchange. The proposed project would be located on private ranch lands and Arizona State Trust Lands. A new transmission tie-line across the Coconino National Forest and upgrades to portions of F.S. Road 126 are proposed. Western is an agency of the U.S. Department of Energy and has the responsibility to prepare an environmental impact statement. The U.S. Forest Service will be a cooperating agency.

PROJECT VICINITY MAP



We Welcome Your Comments

Your comments will help define issues and alternatives for evaluation in the environmental impact statement. The public scoping comment period closes August 28, 2009. For more information visit the project website at www.wapa.gov/transmission/grapevine.htm, or contact Mary Barger, Western Area Power Administration, PO Box 6457, Phoenix, AZ. 85005, telephone 602-605-2524, fax 602-605-2630, email GrapevineWindEIS@wapa.gov

updated prescriptions and a coupon from Kush LA, a marijuana magazine.

Wiegman says hundreds of people called asking if the offer was for real.

Palin implicated in ethics probe

ANCHORAGE, Alaska (AP) — An independent investigator has found evidence that Gov. Sarah Palin may have violated ethics laws by trading on her position as she sought money for lawyer fees, in the latest legal distraction for the former vice presidential candidate as she prepares to leave office this week.

The report obtained by The Associated Press says Palin is securing unwarranted benefits and receiving improper gifts through the Alaska Fund Trust, set up by supporters.

An investigator for the state Personnel Board says in his July 14 report that there is probable cause to believe Palin used or attempted to use her official position for personal gain because she authorized the creation of the trust as her legal defense fund.

Greenpeace charged in Mount Rushmore demo

SIOUX FALLS, S.D. (AP) — A federal grand jury has indicted the environmental group Greenpeace and 11 people involved in hanging a banner on Mount Rushmore.

Evangelist Alamo may not testify on own behalf

TEXARKANA, Ark. (AP) — The woman considered to be the common-law wife of evangelist Tony Alamo told jurors at his sex-crimes trial Tuesday that she thought the wedding rings in his bedroom were donations to the ministry, and that she didn't notice that younger and younger girls were living with them.

Sharon Alamo, who was testifying for the defense, appeared at times to be reading from a notebook she took to the stand with her. The judge told her to rely on her memory. When lawyers took a break to confer, Tony Alamo gave her a thumbs-up.

Tony Alamo, 74, is accused of taking five young girls across state lines for sex between 1994 and 1995 after "marrying" them. Defense lawyers say prosecutors targeted him because the government is anti-Christian. Alamo, who has pleaded not guilty, has also said the Vatican is behind his troubles.

Each of the 10 counts against Alamo is punishable by 10 years in prison and a \$250,000 fine.

Alamo told reporters on the way to court Tuesday that he planned to take the stand to defend himself, despite his lawyers' advice against it. But when leaving that afternoon, Alamo said his defense team had

lawyers had counseled him not to take the witness stand, though no final decision would be made until Wednesday. Kuhn said defense lawyers plan to call two more witnesses, meaning jurors could have the case as soon as Wednesday afternoon.

During her testimony, Sharon Alamo, 50, acknowledged to jurors that she had seen young women wearing wedding rings around the house.

"Didn't you notice the girls moving into the defendant's residence ... were getting younger and younger?" Assistant U.S. Attorney Clay Fowlkes asked.

"No, I didn't," she replied.

She said she believed the collection of wedding rings found in Alamo's bedroom were donations. Prosecution witnesses have testified that rings were given to underage girls when Alamo "married" them.

Sharon Alamo said she never formally married Alamo but lives with him, took his name and conducted business as his wife.

"We were together for a while but decided to separate but still live and work together," Sharon Alamo said. As she spoke, Alamo muttered to his lawyers, "They don't understand it's a spiritual marriage."

Western Area Power Administration

Grapevine Canyon Wind Project

Western will host open house public scoping meetings August 10 and 11, 2009, to share information about the proposed Grapevine Canyon Wind Project. Learn about the National Environmental Policy Act (NEPA) process, meet with project team members, ask questions and make comments at the informal meetings.

PUBLIC SCOPING MEETINGS

Monday, August 10, 6-8 pm

Mormon Lake, AZ — Mormon Lake Fire Station, 43 Mormon Lake Rd

Tuesday, August 11, 6-8 pm

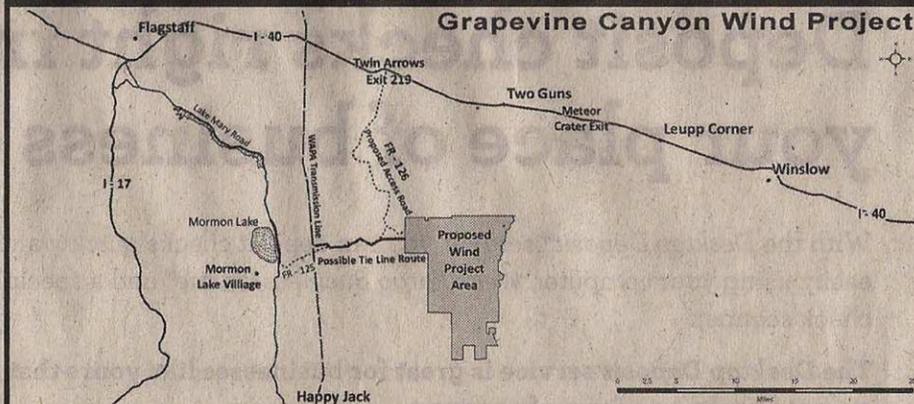
Flagstaff, AZ — NACET Conference Room, 2225 N. Gemini Drive

Project Presentations at 6:15 and 7:30 pm, Open House Format 6-8 pm

Foresight Flying M LLC proposes to build a wind energy generation project approximately 22 miles southeast of Flagstaff and 18 miles south of the I-40 Twin Arrows interchange. The proposed project would be located on private ranch lands and Arizona State Trust Lands. A new transmission tie-line across the Coconino National Forest and upgrades to portions of F.S. Road 126 are proposed. Western is an agency of the U.S. Department of Energy and has the responsibility to prepare an environmental impact statement. The U.S. Forest Service will be a cooperating agency.

PROJECT VICINITY MAP

Grapevine Canyon Wind Project



We Welcome Your Comments

Your comments will help define issues and alternatives for evaluation in the environmental impact statement. The public scoping comment period closes August 28, 2009. For more information visit the project website at www.wapa.gov/transmission/grapevine.htm, or contact Mary Barger, Western Area Power Administration, PO Box 6457, Phoenix, AZ. 85005, telephone 602-605-2524, fax 602-605-2630, email GrapevineWindEIS@wapa.gov

7/25/09

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Western Area Power Administration

Grapevine Canyon Wind Project

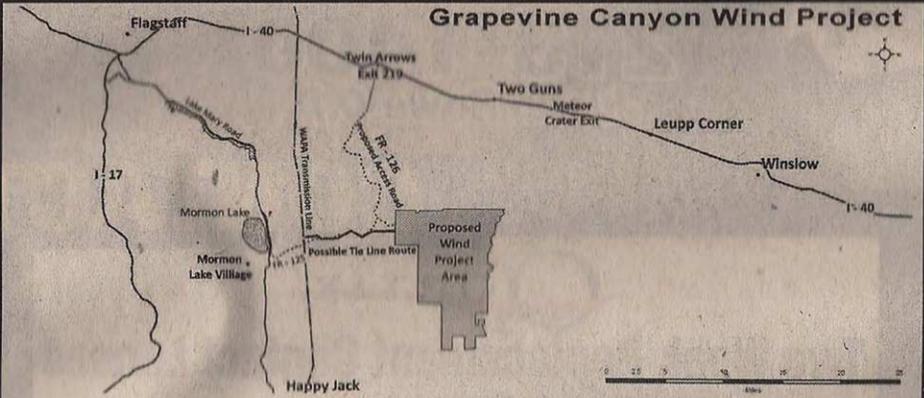
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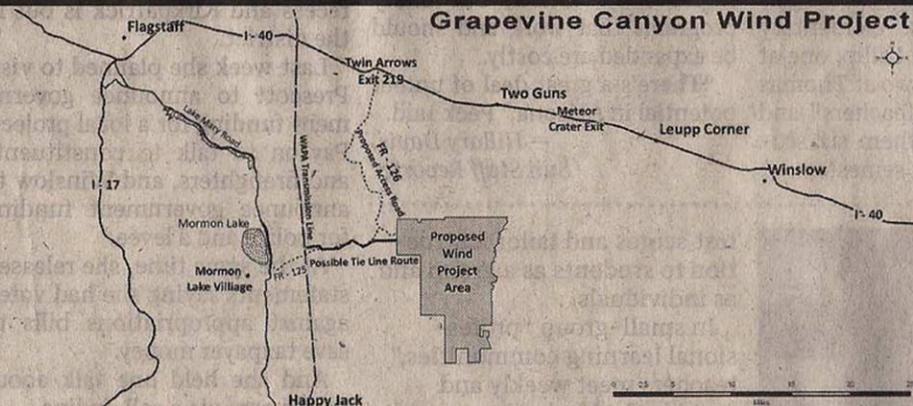
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area drivers honked their horns.

"I didn't expect so many people to be here," said German visitor Tschale Haas, 50, who was dressed in a Sgt. Pepper jacket.

Abbey Road, which cuts through London's well-to-do neighborhood of St. John's Wood, is home

across the street.

The enduring popularity of the site has caused headaches for local authorities, who have had to move the Abbey Road street sign up out of reach to prevent theft and repaint the wall every three months to hide fans' graffiti.

lier this month after being captured 400 miles off the southern Somali port of Kismayu on April 4.

"All crew are safe and their health is good," Capt. Krzysztof Kotiuk told journalists. "We are exhausted but eager to be reunited with our families."

Medvedev: Georgia war showed might

VLADIKAVKAZ, Russia (AP) — Russian President Dmitry Medvedev on Saturday hailed the Russian victory in a war with Georgia a year ago, saying it showed the nation's strength and boosted its role in the world.

Medvedev vowed that Russia would not renege on its recognition of the independence of two breakaway Georgian regions after the brief and bitter war.

Medvedev awarded medals to servicemen who fought in the war, in which thousands of Russian troops crushed the Georgian military in five days of fighting.



We Miss You Nick

Nicholas Newell • 4/11/85 - 8/4/08

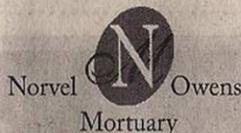
Thank you Flagstaff and all those from New Horizons and Lamb of God Church who made him feel so loved - Especially Pastor Daniel Williamson

NickNewell.com

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HOMES
 from Page A1

a few years ago. It has also dropped by 14 percent when compared to figures from last July.

The July median price falls in between what homes have been selling for the last few months — \$274,000 in April to \$335,000 in June.

The local inventory, however, is not following the national trends. The city has had an inventory

Sunday, Aug. 9

BEHIND THE SCENES WITH RAPTOR: 10 a.m. Meet a raptor handler for a program behind the scenes at The Arboretum. Learn about the habits and care of owls, hawks, and falcons used in free-flight presentations. Program is limited to six participants. Fee includes admission to the gardens. \$15 members/\$20 non-members. The Arboretum at Flagstaff, 4001 S. Woody Mountain Road. 774-1442.

SNOWBOWL RANGER TALKS: 10 a.m. - 4 p.m. Discover the beauty of the San Francisco Peaks with ranger talks atop the Scenic Skyride every Friday, Saturday, Sunday and holiday through October. Adults \$12; juniors (8-12) and seniors (65-69) \$8; 70 and older/7 and younger and birthdays free. Arizona Snowbowl, Scenic Skyride. 779-1951.

FLAGSTAFF HISTORIC WALK: Friday at 3 p.m.; Saturday and Sunday at 10:30 a.m. An enjoyable and informative tour of downtown Flagstaff. Free. Flagstaff Visitors Center. 774-9541.

FLAGSTAFF COMMUNITY MARKET: 8 a.m. - noon. A local and regional farmer's market, runs every Sunday, featuring fresh local produce, fruits, honey, flowers, jams, tamales, baked goods, and much more. City Hall west parking lot (corner of Route 66 and N. Sitgreaves Street). 607-4088.

HART PRAIRIE NATURE WALKS: 10 a.m. The Nature Conservancy's 245-acre Hart Prairie Preserve is a unique landscape at the base of the San Francisco Peaks. The following items are essential to the walks: sturdy shoes, sun protection, rain gear or jacket and water. No pets. Free; reservations are not required. Meet at the Fort Valley Plaza, 1000 N. Humphreys St. 774-8892 Ext. 5.

YOGA FESTIVAL: 9 a.m. - 10 p.m. Admission is free to the Wellness Marketplace, where there will be giveaways, a yoga swap, kirtan, acroyoga demos, bellydance, chi yoga demos, massage, music, reiki and more. More than 100 yoga and wellness workshops at the festival. Free marketplace admission. Pine Forest School, 1120 W. Kaibab Lane. 380-4538.

HOPI PUEBLO REVOLT TOURS: Today and Monday morning or afternoon presentation and tour of the events leading to the Hopi Pueblo Revolt of 1680 A.D. and how the Hopi people were able to maintain their sovereignty and culture from Spanish Crown and Franciscan Catholic oppression. \$30 per person / \$20 Pueblo Tribal Member. Hopi Cultural Center Conference Room, Highway 264 MM 379.5. Second Mesa - Hopi Cultural Center. Call for time. 206-7433.

BLOOD DRIVE: 10 a.m. All August United Blood Services donors will be thanked with a free one-day admission pass to the 60th Annual Coconino County Fair, Sept. 4 - 7, courtesy of Coconino County Parks & Recreation. Call (877) 448-GIVE (4483) to make an appointment. Free. Mount Calvary Lutheran Church, 2605 N. Fort Valley Road, Bloodmobile in parking lot. 1-877-448-4483.

HAPPY 65TH BIRTHDAY SMOKEY BEAR: 10:30 a.m. Festivities include talks by NPS/USFS Interpreter Judi Irons and the USFS Fire Prevention team; birthday cake for the kids, and a free Smokey Bear doll raffle. Bring your picnic lunches and chairs; and enjoy the view! Discounted Skyride tickets available. Free. Arizona Snowbowl-Agassiz Lodge, North Snowbowl Road, turn right on Snowbowl Road off Highway 180. Go about 7 miles to Agassiz lodge. 226-0332.

POI SPINNING WORKSHOP: 1 - 2:30 p.m. Poi Spinning is a ball swung rhythmically around the body. Poi balls come in many different forms: comet or tail, cane, flag, glow sticks and fire poi. Traditionally they told stories, songs, or war chants. Materials provided for practice and take home. \$10. Coconino Center for the Arts, 2300 N. Fort Valley Road. 774-2253.

BALLET FOLKLORICO: 2 p.m. Heritage Square Trust's Summer Concert Series Presents A delightful afternoon with traditional Mexican dance, Mariachi and more. Free. Heritage Square. 853-4292.

BLOOD DRIVE: 2:30 - 5 p.m. All August United Blood Services donors will be thanked with a free one-day admission pass to the 60th Annual Coconino County Fair, Sept. 4 - 7, courtesy of Coconino County Parks & Recreation. Call (877) 448-GIVE (4483) to make an appointment. Free. Sam's Club, 1851 E. Butler, Bloodmobile in parking lot.

COUNTRY DANCE WORKSHOP: 3:15 - 4 p.m. Like country music but tired of doing the same old two-step, country swing, country cha-cha...etc? Join us for a country Shoddish workshop. Traditionally, the shoddish is a German dance, but come see how fun it is putting a country spin on it! \$5 donation. Coconino Center for the Arts, 2300 N. Fort Valley Road. 380-1593.

WALK THE WALK: 5 p.m. About 4 total miles of walking as we see where the FUTS uses the old sheep herders tunnel under the railroad tracks and the section of FUTS that climbs Observatory Mesa. Free. Arizona Daily Sun parking lot. 714-0504.

Monday, Aug. 10

COFFEE KLATCH: 7:30 a.m. Join City Hall Reporter Joe Ferguson for coffee (yours) and doughnuts (his) to discuss the week's news while Daily Sun Editor Randy Wilson is on vacation. Each Monday this summer through Aug. 31. Free. Arizona Daily Sun board room, 1751 S. Thompson St. 556-2254.

HOPI PUEBLO REVOLT TOURS: Today morning or afternoon presentation and tour of the events leading to the Hopi Pueblo Revolt of 1680 A.D. and how the Hopi people were able to maintain their sovereignty and culture from Spanish Crown and Franciscan Catholic oppression. \$30 per person / \$20 Pueblo Tribal Member. Hopi Cultural Center Conference Room, Highway 264 MM 379.5. Second Mesa - Hopi Cultural Center. Call for time. 206-7433.

BREASTFEEDING MONTH: Registration for walk 8 a.m., walk begins 8:30 a.m.; fair and carnival at 9 a.m. The fort Defiance WIC Clinic is sponsoring a Breastfeeding Walk, health fair and mini-carnival in celebration of World Breastfeeding Month. Navajo Nation Museum, amphitheater. Window Rock. 729-4011.

TIPPY TOES: 11 a.m. Kids Squared presents Tippy Toes. Children's dance class with Miss Amanda. Free. Heritage Square. 853-4292.

BOOK DISCUSSION: 12 - 1:30 p.m. Pastor Rigo Rios from Tegucigalpa, Honduras discusses NAU's book selection, "Enrique's Journey," as well as recent political events. Join us for a lunchtime discussion. Bring your lunch or order a healthy light lunch (vegetarian) from Just Peace. RSVP. Free. Campus Ministry Center, 500 W. Riordan Road. 607-7726.

HONDURAS! POT LUCK DINNER: 6 - 7:30 p.m. Pastor Rigo Rios from Tegucigalpa will speak about building community and hope in Honduras; the recent political events—a first-hand account of the complexities, issues and events; being global partners — sharing the riches of Honduran culture and values. Donation. Campus Ministry Center, 500 W. Riordan Road. 774-1572.

PUBLIC MEETING FOR WIND PROJECT: 6 - 8 p.m. Public scoping meeting for Grapevine Canyon Wind Project. Hosted by Western Area Power Administration for environmental impact statement process. Mormon Lake, Mormon Lake Fire Station. www.wapa.gov/transmission/grapevine.htm. Free. Mormon Lake Fire Station, Village of Mormon Lake. Mormon Lake. 602-605-2524.

Tuesday, Aug. 11

ARIZONA PREMIERE OF "FOOD, INC.": 4 and 7 p.m. www.sedonafilmfestival.com. Harkins Sedona Six Theaters, 2081 W. Highway 89A. Sedona.

MOVIE NIGHT: "Into the Wild": Doors at 7 p.m./Show at 8 p.m. \$5. Orpheum Theater, 15 W. Aspen Ave. 556-1580.

WALK INTO SUMMER: 8 a.m. About 3 total miles of walking in and around the surrounding neighborhood. Fast and slow pace. Free. Adult Center, 245 Thorpe Road. 714-0504.

BLOOD DRIVE: 11 a.m. - 3 p.m. All August United Blood Services donors will be thanked with a free one-day admission pass to the 60th Annual Coconino County Fair, Sept. 4 - 7, courtesy of Coconino County Parks & Recreation. Call (877) 448-GIVE (4483) to make an appointment. Free. Arizona Dept of Transportation, 1801 S. Milton Road, Bloodmobile in parking lot.

"ADVENTURES OF SALT AND SOAP": 12:15 p.m. Lori Rome will talk about her new book for children, "The Adventures of Salt and Soap at Grand Canyon." It is the true story of two puppies that wandered into the Grand Canyon and experienced great adventures in the grandest of all canyons. Free. Riordan Mansion State Park, 409 W. Riordan Road. 779-4395.

FILE PAST TAXES: Haven't filed taxes for a while? Come get up to 3 years worth of refunds by filing your back taxes if your household income was less than \$42,000. Sponsored by Vita and United Way. Free. Family Resource Center, 1806 E. Route 66. 774-1103.

YKIDZ PRESCHOOL OPEN HOUSE: 3 - 6 p.m. Flagstaff Family YMCA Ykidz Preschool is having an open house. Come see the preschool that is family and community based with a focus on character development and hands-on learning. Free. Flagstaff Family YMCA, 2800 S. Lone Tree Road. 556-9622.

PUBLIC MEETING FOR WIND PROJECT: 6 - 8 p.m. Public scoping meeting for Grapevine Canyon Wind Project. Hosted by Western Area Power Administration for environmental impact statement process. www.wapa.gov/transmission/grapevine.htm. No fee. NACET Conference Room, 2225 N. Gemini Drive. (602) 605-2524.

Wednesday, Aug. 12

DANCING ON THE SQUARE: 7 - 10 p.m. Salsa, swing, tango, ballroom, country dance, free lessons and open dance. Hosted by USA Dance, NAU Swing and Latin Dance Club. Free. Heritage Square. 600-2450.

FLAGSTAFF COMMUNITY MARKET: 4 - 7 p.m. Featuring fresh local produce, fruits, honey, flowers, jams, tamales, baked goods, and much more. San Francisco de Asis Church. 607-4088.

MOUNTAIN BUS CLASS: 9:15 - 11:45 a.m. If you haven't tried the Mountain Line Bus, yet, here's a great opportunity! This course is designed to inform new and existing Mountain Line patrons how to navigate the Mountain Line system. Free. Family Resource Center, 1806 E. Route 66. 774-1103.

PRESCHOOL EXPLORERS: 9:45 - 11 a.m. Explore the Colorado Plateau through monthly interactive programs on biology, geology, Native cultures, and fine arts. This month's program is Therizinosaur—Mystery of the Sickle-Claw Dinosaur. Pre-register at ext. 275 or ldsokocil@mna.mus.az.us. \$3 for members, \$5 for nonmembers. Museum of Northern Arizona, 3101 N. Fort Valley Road. 774-5211.

DAVID GRANDON KID'S ART: 11 a.m. Kids Squared presents David Grandon. Local painter David Grandon presents a painting workshop for children. Free. Heritage Square. 853-4292.

BLOOD DRIVE: 11:30 a.m. - 4 p.m. All August United Blood Services donors will be thanked with a free one-day admission pass to the 60th Annual Coconino County Fair, Sept. 4 - 7, courtesy of Coconino County Parks & Recreation. Call (877) 448-GIVE (4483) to make an appointment. Free. Mountain Heart, 2000 S. Thompson, Bloodmobile in parking lot.

EXPLORERS II (AGES 6-8): 1:45 - 3 p.m. Explore the Colorado Plateau through monthly interactive programs on biology, geology, Native cultures, and fine arts. This month's program is Therizinosaur—Mystery of the Sickle-Claw Dinosaur. Pre-register at ext. 275 or ldsokocil@mna.mus.az.us. \$3 for members, \$5 for non-members. Museum of Northern Arizona, 3101 N. Fort Valley Road. 774-5211.

PARTICIPATION IN SPECIAL ED.: 5 - 7 p.m. Presented by Allison Meritt from the Arizona Department of Education. This PowerPoint training discusses how children with disabilities and their parents are guaranteed certain educational rights, known as procedural safeguards, from birth through 21 year. Free. Family Resource Center, 1806 E. Route 66. 774-1103.

CELEBRATE YOUR INDEPENDENTS: 5:30 - 7:45 p.m. Join the Flagstaff Independent Business Alliance (FIBA) in welcoming Kimber Lanning, founder and director of Local First Arizona, for a free business networking meeting at the historic Orpheum. Learn what other local businesses do to support each other! Free. The Historic Orpheum Theatre, 15 W. Aspen Ave. 527-9989.

"SIMPLY RAW: REVERSING DIABETES": 6 p.m. This film chronicles six Americans with "incurable" diabetes switching their diet and getting off insulin. The film follows each participant's medical, physical, and emotional transformations brought on by this radical diet and lifestyle change. Free. New Frontiers Natural Marketplace, 320 S. Cambridge Lane. 774-5747.

Thunderbird Supply introduces expanded silver-plated bead line

GALLUP, N.M. — Thunderbird Supply Company, an international supplier to jewelers, artists and hobbyists, introduces an expanded line of silver plated beads.

Silver plated beads have the great look of sterling silver without the cost. Thunderbird Supply Company has expanded their silver plated beads product line of by over 55 brand new styles and shapes. These silver plated beads are now available in Thunderbird Supply's four stores in Albuquerque, Flagstaff, Gallup and at www.thunderbirdsupply.com.

For additional information on

Thunderbird Supply Company's seed bead product line please visit www.thunderbirdsupply.com.

About Thunderbird Supply

Since 1971, Thunderbird Supply Company has supported Native American cultural heritage with product and service, allowing individual artists and craftspeople to express themselves and offer an independent lifestyle that preserves ancestral tradition.

Thunderbird Supply has four stores including Gallup, Albuquerque, Flagstaff and online at www.thunderbirdsupply.com.

• From Forest kids, Page 9

- **Camp Colley:** Supported by the Camp Colley Foundation with the Phoenix Parks and Recreation Department, this program offers outdoor experiences near the Mogollon Rim for urban youth and their families.

- **Museum of Northern Arizona's Discovery Program:** Offers summer sessions for kids to learn about the region's fine arts, natural sciences, native cultures and ecology.

- **Northern Arizona University's Junior Forester Academy:** Provides summer day camps where future foresters grow career skills, then apply those skills to community forest health projects.

- **North Kaibab Kids Camp:** Hosted by the North Kaibab Ranger District, this program offers a cultural and natural science learning camp to students from Fredonia and the Kaibab Piute Tribe.

- **Wildfire in Native Schools:** Managed by the Forest Service's Rocky Mountain Research Station-Flagstaff Lab, the program includes field trips to historic Fort Valley Experimental Forest Station, in

during a particularly challenging year for them. Best of all is to know these programs and others use our national forests as places to learn."

The common goals for all seven programs include: increase the time children spend in nature, as well as increase the number of children participating in the programs; provide opportunities that increase children's awareness, appreciation and understanding of the natural world; and to strengthen local conservation/outdoor educational partnerships.

"Kids must understand why forests are so valuable so they will grow into citizens who support conservation," said Gail Kimbell, former chief of the Forest Service. "Building on the Forest Service traditions of conservation education, we will work with partners to ensure that American children have the opportunity to experience the great outdoors."

These seven programs represent participation of approximately 2,290 youth and over \$336,000 in partners' matching contributions. Funds provided by the Forest

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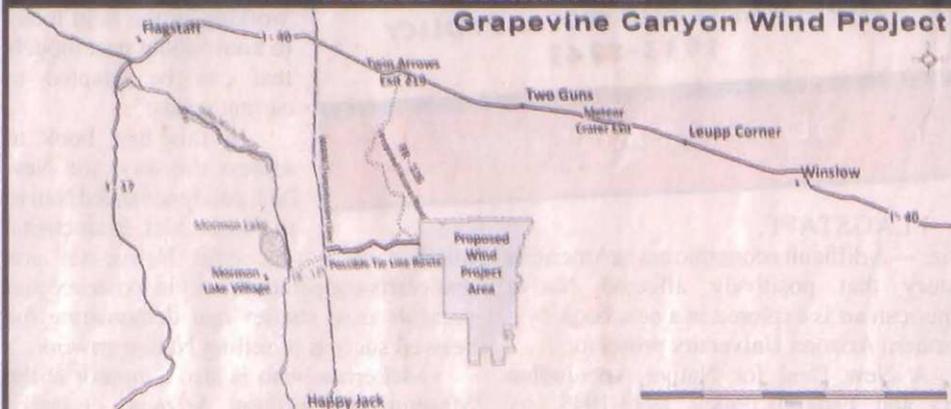
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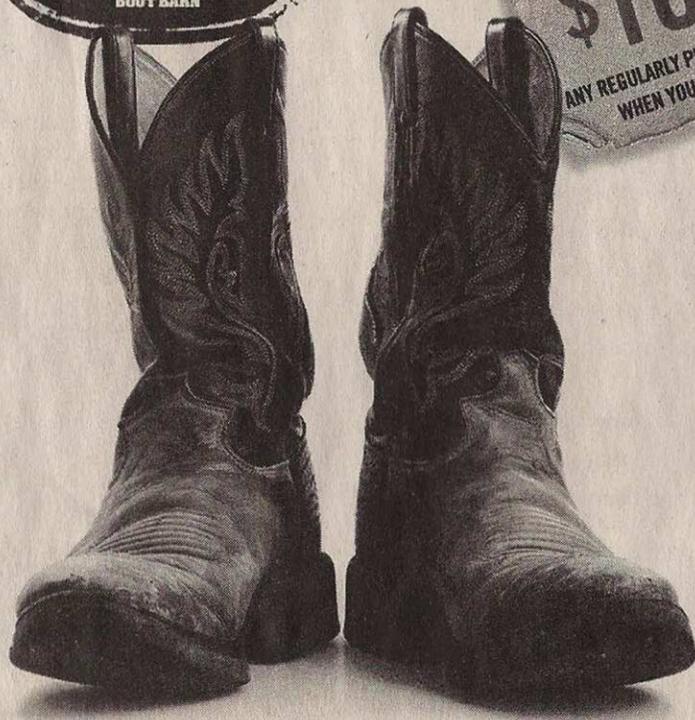


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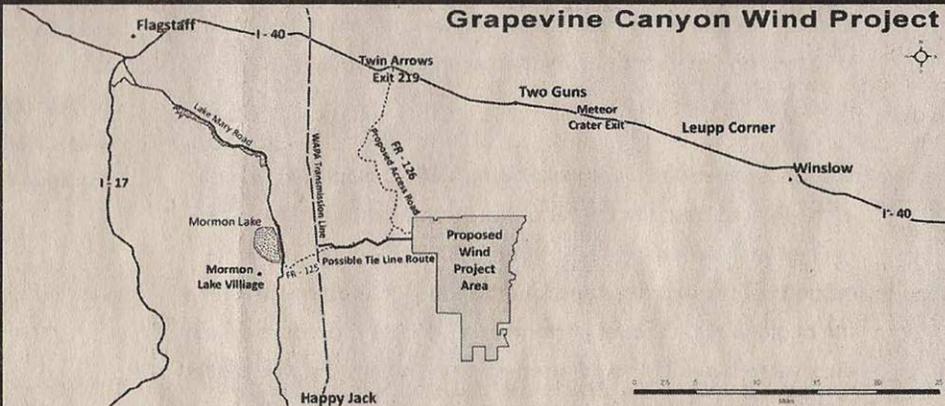
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Across the USA

News from every state

Alabama: Huntsville — The state's fourth annual sales tax holiday begins Friday and continues until midnight Sunday. The state is waiving its 4% sales tax on many clothing and school purchases. An additional 253 cities and counties are lifting local sales taxes.

Alaska: Anchorage — A local government is helping to pay the legal bill for hunters accused of wasting caribou meat. North Slope Borough is putting up \$56,000 in the case between the state and the hunters. The state said subsistence users must follow the same laws as everyone else. The defendants counter that traditional subsistence hunts should not be included.

Arizona: Flagstaff — Foresight Wind Energy wants to install 130 to 330 wind-driven turbines on the Flying M Ranch east of Mormon Lake to provide the equivalent of 500 megawatts of electricity. Once power is generated, the company would tie into federally owned power lines. Developers need approval from the federal government.

Arkansas: Searcy — Kitchen and bath product manufacturer Kohler plans to lay off 41 workers at its plant here. The company said the layoffs will include production and administrative positions. It said the layoffs are a "cost containment strategy" to bring the business in line with decreasing sales.

California: San Jose — A former high school physical education teacher has been sentenced to six months in jail for having a sexual relationship with a 17-year-old female student. Rita Brum, 24, was arrested in February and pleaded no contest in June. She was fired from Mount Pleasant High in March.

Florida: Pensacola Beach — Amateur anglers are upset over a new requirement that Floridians buy a \$9 license to fish off the shoreline. The estimated \$900,000 a year the license will generate is needed for the Fish and Wildlife Commission to cover research and law enforcement costs. The law exempts those younger than 16 and older than 65 and those who fish with cane poles.

Georgia: Tybee Island — The Tybee Island Museum is scheduled to reopen Sept. 6 after being closed since February for renovations. Located near the lighthouse, the museum features exhibits focused on the island's culture and its military history, which dates to the American Revolution. The museum is in an artillery battery built in 1899.

Hawaii: Honolulu — A proposal to build an affordable-housing development in Honolulu's Chinatown is on hold after facing opposition from neighbors. The Downtown Neighborhood Board voted to oppose the \$10.6 million project. The proposal came out of a 2006 pledge by Mayor Mufi Hannemann to address the area's growing homeless problem.

Idaho: Coeur D'Alene — A man was cited for heroism after pulling a man from a burning car. Coeur d'Alene Police Chief Wayne Longo and Coeur d'Alene Fire Chief Kenny Gabriel made a presentation of appreciation to Jody Burns, who helped save Michael Brandt's life on July 24.

Illinois: Springfield — Sex offenders are no longer allowed to get behind the wheel of ice cream trucks in Illinois. A new law bars sex offenders from operating trucks that sell food or beverages. Officials worry that offenders might sell ice cream and other snacks as a front for harming children. The law also prohibits offenders from operating emergency

Louisiana: Monroe — A teenage inmate at a north Louisiana youth prison has been charged in an alleged attack on guards. Monroe police charged the 17-year-old on Tuesday with three counts of battery on a corrections officer. He is accused of punching, kicking and biting officers who were taking him to his cell at the Swanson Center for Youth.

Maine: Camden — A 500-pound moose entered the downtown Knox Mill Center, and police and building staff corralled it before game wardens arrived with a tranquilizer. It was set free in the Ruffingham Meadow State Game Management Area in Searsmont. A Discovery Channel filmmaker working on a documentary about how moose interact with people filmed the entire event.

Maryland: Annapolis — The value of the state's public pension fund has fallen by more than 20% over the past year. The stocks and other investments held by the Maryland State Retirement and Pension System hit a peak of \$40.9 billion in 2007. But officials said it shrank to \$28.5 billion as of June 30.

Massachusetts: Boston — A report said the long-promised commuter rail project linking New Bedford and Fall River to Boston would create up to 3,800 permanent jobs by 2030 and generate nearly \$500 million in economic activity. The report was released by Gov. Patrick's administration, which is forging ahead with plans for the proposed \$1.4 billion project.

Michigan: Lansing — The Michigan Catholic Conference, the Michigan League for Human Services and more than 20 other advocacy groups are asking lawmakers and Gov. Granholm to abandon planned cuts to social service programs as they negotiate a budget compromise. The groups oppose cuts to grants for low-income families, day care

Nebraska: Omaha — Omaha fire officials said a hospital venting system was taking care of dangerous fumes from a toxic leak early Wednesday at Clarkson Tower at Nebraska Medical Center. The danger from the ethylene oxide, used to help sterilize medical equipment, was contained to one room. No injuries were reported. A similar spill occurred at the hospital two months ago.

Nevada: Las Vegas — Casino operator Boyd Gaming Corp. said that its second-quarter profit dropped 41% as the recession prompted gamblers to curtail their spending. The Las Vegas-based company earned \$12.8 million for the three months ending June 30, compared with \$21.7 million a year earlier. "The uncertainty which exists in the economy today continues to negatively impact consumer spending," President and CEO Keith Smith said in a statement.

New Hampshire: Pinkham Notch — The Mount Washington Auto Road will celebrate its 148th birthday on Saturday. Any vehicle that arrives with the "This Car Climbed Mt. Washington" bumper sticker already affixed will receive free passage up the auto road. The road is open 7:30 a.m. to 6 p.m. The eight-mile road to the top of the Northeast's highest peak opened in 1861.

New Jersey: Camden — The number of homicides in the first half of 2009 is down by 24% in the state compared with the first six months of last year. There were 158 homicides reported through June, down from 209 in that period last year. In Camden, consistently ranked as one of the USA's most violent cities, slayings declined from 30 in the first half of last year to 17 this year.

New Mexico: Albuquerque — Gov. Richardson said he wants to see 10,000 dropouts back in high school by the end of his term. The Democratic governor

Ohio: Huber Heights — Chief Master Sgt. Tamara Phillips has been chosen as the Ohio Air National Guard's first African-American and first female state command chief. Phillips, 41, will serve as mentor and guide to 5,000 airmen, including her daughter and son. Phillips was the first female chief for the Springfield-based 178th Fighter Wing in 2005.

Oklahoma: Wetumka — A man has been arrested for allegedly locking a 16-year-old girl in a large toolbox and holding a heated screwdriver against her. Christopher Lewis was booked into the Hughes County jail on charges of kidnapping and assault and battery with a dangerous weapon. The girl alleged that he locked her in the toolbox so he could drink inside his home.

Oregon: Klamath Falls — Katie Prewitt took her Geo Tracker to her husband's body shop because of a hissing noise. Dave Prewitt wasn't sure what the problem was until he spotted a 3-foot diamondback rattlesnake in the car's undercarriage. His friend Martin Schenck used a shovel to kill the snake.

Pennsylvania: Pottsville — Kyle Bluge, 23, of Frackville, who pleaded guilty in the death of a 6-month-old infant last year, was sentenced to five to 11 years in state prison by President Judge William Baldwin. The prosecutors said the infant suffered brain hemorrhaging and two retinal tears when he was shaken in April 2008.

Rhode Island: Providence — Rhode Island is receiving \$1.2 million to help the state prepare for a potential resurgence of swine flu in the fall. Sen. Jack Reed announced Wednesday that the state is eligible for the federal funding, which would go toward vaccination campaigns and making sure local hospitals are ready for any future outbreaks.

Utah: Salt Lake City — Lt. Gov. Gary Herbert tapped Senate Assistant Majority Whip Greg Bell to succeed him once Herbert is sworn in as the state's top executive. Bell, a fellow Republican, is considered a moderate — best known for pursuing ethics reforms in the Legislature and sponsoring a failed bill that would have extended some legal rights to gay couples.

Vermont: Burlington — In spite of the recession, more people are visiting Vermont this summer. A recent survey found that visits are up by 1 million, for a total of 14 million people. Steve Cook the deputy commissioner of the state Travel and Tourism Department, said the state is in a good position geographically, with 80 million potential visitors in a drive market in a five-hour radius.

Virginia: Roanoke — Coca-Cola Bottling Co. Consolidated has opened a warehouse and logistics center in Roanoke. President and CEO Bill Elmore said the more than \$9 million expansion also includes a new bottling line at the company's plant in Roanoke. The expansion will create 10 jobs.

Washington: Vancouver — Firefighters suspect carbon monoxide sickened more than a dozen children at a hockey camp at the Mountain View Ice Arena. The *Vancouver Columbian* reports six children sought medical care Tuesday. Fire department spokesman Jim Flaherty said a propane-powered ice resurfacer was the likely source of the carbon monoxide.

West Virginia: Nitro — Nitro City Council plans to vote Aug. 18 on whether to put a smoking area at the Tri-State Racing and Gaming Center. If adopted, the ordinance would conflict with the Kanawha-Charleston Health Department's ban on smoking in public places. The Alcohol Beverage Control Admini-

KNAU RADIO SPOT

Funding for KNAU comes from Foresight Wind Energy. Announcing 2 public scoping meetings for the Grapevine Canyon Wind Project. Offering information on the proposed wind energy project and the environmental impact statement process. August 10th and 11th. Information on times and locations at [grapevine wind dot com](http://grapevinewind.com).

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PRESS RELEASE

NEWS FROM WESTERN AREA POWER ADMINISTRATION**FOR IMMEDIATE RELEASE:** July 24, 2009**CONTACT:** Randy Wilkerson, 720-962-7056, wilkerson@wapa.gov**PUBLIC COMMENT SOUGHT FOR PROPOSED WIND PROJECT NEAR FLAGSTAFF**

LAKEWOOD, Colo. —Western Area Power Administration will host open-house public scoping meetings August 10 and 11 to share information about the proposed Grapevine Canyon Wind Project. The informal meetings will provide the public and interested parties with the opportunity to learn about the environmental impact statement process, meet one-on-one with project team members, ask questions, and make comments.

Foresight Flying M, LLC, the project proponent, proposes to construct a wind energy generation project up to 500 megawatts. The project would be located on privately owned ranch lands and trust lands administered by the Arizona State Land Department. The project location is approximately 22 miles southeast of Flagstaff and about 18 miles south of the I-40 Twin Arrows interchange. To support delivery of the power generated by the project, the proponent proposes to build a new transmission tie-line to interconnect with Western's existing Glen Canyon-Pinnacle Peak Transmission Line. The transmission tie-line would cross lands administered by Coconino National Forest. The project area would be accessed by the existing F.S. 126 road, south of the Twin Arrows I-40 exit.

Meeting information

Monday, August 10, 2009, 6-8 p.m., Mormon Lake, AZ. - Mormon Lake Fire Station, 43 Mormon Lake Road

Tuesday, August 11, 2009, 6-8 p.m., Flagstaff, AZ. - NACET Conference Room, 2225 N. Gemini Drive

The proposed project would interconnect with Western's power transmission system. As an agency of the U.S. Department of Energy, Western has the responsibility under the National Environmental Policy Act to prepare an environmental impact statement. Western will be the lead Federal agency for preparing the environmental impact statement, and the U.S. Forest Service has agreed to be a cooperating agency.

Public comments will help Western define issues and alternatives for evaluation of the environmental impacts of the proposed project. Comments can be provided in person at the public meetings, or by mail, e-mail or phone via the contact information below. To ensure consideration as we develop the EIS, Western should receive your comments by August 28, 2009. Additional project information and directions to the public meetings are available at the project website.

Contact information

Mary Barger

Western Area Power Administration

Project website: www.wapa.gov/transmission/grapevine.htm

E-mail: GrapevineWindEIS@wapa.gov

Project phone: 602-605-2524

Project fax: 602-605-2630

Mail: P.O. Box 6457, Phoenix, AZ 85005

-30-

Western Area Power Administration annually markets and transmits more than 10,000 megawatts of clean, renewable power from hydroelectric powerplants owned and operated by the Bureau of Reclamation and the U.S. Army Corps of Engineers in 15 western and central states. It is part of the Department of Energy.

**PO Box 281213 Lakewood , CO 80228-2802 · Phone: 720-962-7050 · Toll Free: 1-800-982-4523
Fax: 720-962-7059 · E-mail: CorpComm@wapa.gov · Web site: <http://www.wapa.gov>**

Serving the West with Federal hydropower



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WEBSITE INFORMATION



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Western Area Power Administration

An agency of the U.S. Department of Energy

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Grapevine Canyon Wind Project

Foresight Flying M, LLC, proposes to construct a wind energy generation project up to 500 megawatts. The project would be located on privately owned ranch lands and trust lands administered by the Arizona State Land Department. The project location is approximately 22 miles southeast of Flagstaff and about 18 miles south of the I-40 Twin Arrows interchange. To support delivery of the power generated by the project, Foresight proposes to build a new transmission tie-line to interconnect with Western's existing Glen Canyon-Pinnacle Peak transmission line. The transmission tie-line would cross lands administered by Coconino National Forest. The project area would be accessed by the existing F.S. 126 road, south of the Twin Arrows I-40 exit.

Foresight has applied to interconnect the proposed project to Western's power transmission system. Western will prepare an environmental impact statement to address the proposed interconnection and any necessary modifications to Western facilities to accommodate the interconnection. The EIS will also review the potential environmental impacts of constructing, operating and maintaining Foresight's wind generation facility and associated facilities. The U. S. Forest Service will be a cooperating agency in the preparation of the EIS.

Scoping meetings scheduled

Western will host open-house public scoping meetings August 10 and 11, 2009 to share information about the proposed Grapevine Canyon Wind Project. The informal meetings will provide the public and interested parties with the opportunity to learn about the environmental impact statement process, meet one-on-one with project team members, ask questions and make comments. Meetings will be held from 6 to 8 p.m.

Monday, August 10 - **Mormon Lake, AZ**. Mormon Lake Fire Station, 43 Mormon Lake Road ([Meeting location map](#)) (75 kb pdf)

Tuesday, August 11 - **Flagstaff, AZ**. NACET Conference Room, 2225 N. Gemini Drive ([Meeting location map](#)) (193 kb pdf)

We need your ideas by August 28

Your comments will help Western define issues and alternatives for evaluation of the environmental impacts of the proposed project. Comments can be provided in person at the public meetings; by mail, e-mail or phone via the contact information below; or [online](#). To ensure consideration as we develop the EIS, Western should receive your comments by August 28, 2009.

Project Updates

[Notice of Intent to Prepare an Environmental Impact Statement \(55 kb pdf\)](#)

[Project area map \(173 kb pdf\)](#)

[Project area land ownership map \(311 kb pdf\)](#)

[Scoping comment form \(90 kb pdf\)](#)

[Scoping meeting announcement \(75 kb pdf\)](#)

[Scoping meeting news release](#)

[Online comment form](#)

Contact information

Mary Barger
Western Area Power Administration
Mail: P.O. Box 6457, Phoenix, AZ. 85005
Telephone: 602-605-2524
Fax: 602-605-2630
E-mail: GrapevineWindEIS@wapa.gov

Links

[Foresight's Grapevine Canyon Wind Project Web site](#)



- [Home](#)
- [Project Information](#)
- [Project Developer](#)
- [Wind Energy Benefits](#)
- [NEPA](#)

Grapevine Canyon Wind Project

**Clean, Renewable Energy for the
Desert Southwest**

The Grapevine Canyon Wind Project is a commercial wind energy generation facility being developed approximately 22 miles southeast of Flagstaff in Coconino County, Arizona.

The project is sited on private ranch lands and trust lands administered by the Arizona State Land Department.

The project is designed for up to 500 megawatts of clean, renewable energy. Each 100 megawatts would provide the average annual energy usage of approximately 25,000 to 30,000 homes in the Southwest. The project anticipates construction will begin in 2011.



[Home](#) | [Project Information](#) | [Project Developer](#) | [Wind Energy Benefits](#) | [NEPA](#)

Grapevine Canyon Wind
657 Mission Street, Suite 504, San Francisco, CA 94105
415-495-0700 | info@grapevinewind.com

APPENDIX B

MAILING LISTS

AGENCY AND INTERESTED PARTIES

| Organization | NAME | Address | City | State | Zip |
|--|-------------------------|-------------------------------------|-----------------|-------|-------|
| | Aaron Alvidrez | | | | |
| NAU - Institute for Native Americans | Al Henderson | PO Box 4085 | Flagstaff | AZ | 86011 |
| Arizona State Land Department | Al Hendricks | 1616 West Adams Street | Phoenix | AZ | 85007 |
| City of Flagstaff | Al White | 211 W Aspen Ave | Flagstaff | AZ | 86001 |
| Interwest Energy Alliance | Amanda Ormand | 1956 E. Vaughn Street | Phoenix | AZ | 85283 |
| Foresight Wind Energy | Amy LeGere | 2225 N Gemini Dr, Suite 7 | Flagstaff | AZ | 86001 |
| Arizona Game & Fish Department | Andi Rogers | 3500 S Lake Mary Rd | Flagstaff | AZ | 86001 |
| Sierra Club | Andy Bessler | PO Box 38 | Flagstaff | AZ | 86002 |
| Arizona Game & Fish Department | Angie McIntire | 5000 West Carefree Highway | Phoenix | AZ | 85086 |
| Navajo Nation, Department of Natural Resources | Arvin Trujillo | PO Box 9000 | Window Rock | AZ | 86515 |
| | Barbara Hirt | | | | |
| Arizona Public Service | Barbara Lockwood | 400 N Fifth Street | Phoenix | AZ | 85004 |
| Arcadis | Barbara Neary | 1687 Cole Blvd, 2nd Floor | Lakewood | CO | 80401 |
| Arizona Cattlegrowers Association | Bas Aja | 1401 N 24th St, Suite A | Phoenix | AZ | 85008 |
| N AZ Audubon Society | Bea Cooley | | | | |
| Arizona, Office of the Governor | Benjamin Grumbles | 1700 West Washington | Phoenix | AZ | 85007 |
| Coconino Cattlegrowers Association | Benny Ajo | P.O. Box 1911 | Litchfield Park | AZ | 85340 |
| | Bernardo Aquilar | 220 Grove Avenue | Prescott | AZ | 86303 |
| | Betsy Feinberg | | | | |
| U.S. Fish & Wildlife Service | Bill Austin | 325 N Leroux Street, Suite 101 | Flagstaff | AZ | 86001 |
| Flagstaff 40 | Bill Calloway | 4700 E Nestle Purina Ave | Flagstaff | AZ | 86004 |
| Grand Canyon Trust | Bill Hedden | 2601 N. Fort Valley Road | Flagstaff | AZ | 86001 |
| Coconino County | Bill Towler | 2500 N Fort Valley Road, Building 1 | Flagstaff | AZ | 86001 |
| Northern Arizona University | Blasé Scarnati | PO Box 4092 | Flagstaff | AZ | 86011 |
| Winslow Chamber of Commerce | Bob Hall | 523 W 2nd Street | Winslow | AZ | 86047 |
| Arizona Corporation Commission | Bob Stump, Commissioner | 1200 W Washington, 2nd Floor | Phoenix | AZ | 85007 |
| Meteor Crater Enterprises | Brad Andes | PO Box 30940 | Flagstaff | AZ | 86003 |
| U.S. Fish & Wildlife Service | Brenda Smith | 323 N Leroux Street, Suite 101 | Flagstaff | AZ | 86001 |
| Arizona Cattlegrowers Association | Brooks Cameron | P.O. Box 36 | Williams | AZ | 86046 |
| Flagstaff 40 | Bruce Nordstrom | 150 W Dale Ave, Ste 2 | Flagstaff | AZ | 86001 |
| | Bryan Cooperrider | | | | |
| Coconino County | Carl Taylor | 219 E Cherry Ave | Flagstaff | AZ | 86001 |
| U.S. Forest Service, Coconino National Forest | Carol Boyd | 1824 S Thompson Street | Flagstaff | AZ | 86001 |
| NAU - School of Forestry | Carol Chambers | PO Box 15018, NAU | Flagstaff | AZ | 86011 |
| Sierra Club | Carol Tepper | PO Box 38 | Flagstaff | AZ | 86002 |
| Western Area Power Administration | Cathy Cunningham | 12155 W. Alameda Pkwy | Lakewood | CO | 80228 |

| Organization | NAME | Address | City | State | Zip |
|--|---------------------------|--|---------------|-------|-------|
| U.S. Forest Service, Coconino National Forest | Cathy Taylor | PO Box 388 | Springerville | AZ | 85938 |
| U.S. Geologic Service, Colorado Plateau Research S | Charles Drost | PO Box 5614 | Flagstaff | AZ | 86011 |
| Arizona Game & Fish Department | Chris Bagnoli | 2878 E White Mountain Blvd | Pinetop | AZ | 85935 |
| Arizona State Land Department | Chuck Vencill | 1616 West Adams Street | Phoenix | AZ | 85007 |
| City of Flagstaff | City Council | 211 W Aspen Ave | Flagstaff | AZ | 86001 |
| City of Flagstaff | Coral Evans | 211 W Aspen Ave | Flagstaff | AZ | 86001 |
| Interwest Energy Alliance | Craig Cox | PO Box 272 | Conifer | CO | 80433 |
| Edison Mission Energy | Craig Pospisil | 18101 Von Karman Ave, Suite 1700 | Irvine | CA | 92612 |
| NACET | Craig Snyder | Wells Fargo Bank, 1200 S Milton Road | Flagstaff | AZ | 86001 |
| Arizona Public Service | Dan Froetscher | 400 N Fifth Street | Phoenix | AZ | 85004 |
| N AZ Audubon Society | Dave & Marcia Lamkin | 999 W Coy Drive | Flagstaff | AZ | 86001 |
| Arizona Game & Fish Department | David Dorum | 2878 E White Mountain Blvd | Pinetop | AZ | 85935 |
| WEST, Inc | David Young | 2003 Central Ave | Cheyenne | WY | 82001 |
| | Dean Greenwood | | | | |
| Flagstaff 40 | Dean Pickett | 100 North Elden Street P.O. Box 10 | Flagstaff | AZ | 86001 |
| Arizona Department of Commerce | Deborah Tewa | 1700 West Washington Street, Suite 600 | Phoenix | AZ | 85007 |
| Arizona State Land Department | Denis Humphrey | 3048 White Mountain Blvd | Pinetop | AZ | 85935 |
| Diablo Trust | Derrick Widmark | Box 3058 | Flagstaff | AZ | 86003 |
| Arizona Public Interest Research Group | Diane Brown | 130 N. Central Ave., Suite 202 | Phoenix | AZ | 85004 |
| Arizona Cattlegrowers Association | Doc Lane | 1401 N. 24th St. Suite A | Phoenix | AZ | 85008 |
| Arizona Department of Commerce | Don Cardon | 1700 West Washington Street, Suite 600 | Phoenix | AZ | 85007 |
| Arizona Daily Sun | Don Rowley | 1751 S. Thompson | Flagstaff | AZ | 86001 |
| Barringer Crater Company | Drew Barringer | PO Box 30940 | Flagstaff | AZ | 86003 |
| Hopi 3 Canyon Ranches | Dwayne Coleman | 114 East Third Street | Winslow | AZ | 86047 |
| N AZ Audubon Society | Elaine Morral | 4924 E Pebble Beach Drive | Flagstaff | AZ | 86004 |
| | Ellen Parish | | | | |
| The Hopi Tribe | Energy Committee | PO Box 123 | Kykotsmovi | AZ | 86039 |
| | Erik Ryberg | 312 S Convent Avenue | Tucson | AZ | 85701 |
| Arizona Corporation Commission | Ernest Johnson | 1200 W Washington, 2nd Floor | Phoenix | AZ | 85007 |
| N AZ Audubon Society | Frank Brandt | 1270 E Appalachian | Flagstaff | AZ | 86004 |
| U.S. Forest Service, Coconino National Forest | Gary Hase, Jr. | 6661 E. Anasazi | Flagstaff | AZ | 86004 |
| NRCS | Gary Parrott | 1585 S PLAZA WAY STE 120 | Flagstaff | AZ | 86001 |
| Arizona Corporation Commission | Gary Pierce, Commissioner | 1200 W Washington, 2nd Floor | Phoenix | AZ | 85007 |
| Unisource Energy Services | Gary Smith | 2901 W. Shamrell Blvd., Ste. 110 | Flagstaff | AZ | 86001 |
| Transcon | George Miller | 3740 E Southern Ave, Suite 218 | Mesa | AZ | 85206 |
| Arizona Game & Fish Department | Ginger Ritter | 5000 West Carefree Highway | Phoenix | AZ | 85086 |

| Organization | NAME | Address | City | State | Zip |
|--|-----------------|--|-------------|-------|-------|
| Mormon Lake Fire Department | Glen Reagan | 43 Mormon Lake Road | Mormon Lake | AZ | 86038 |
| Foresight Wind Energy | Grant Brummels | 2225 N Gemini Dr, Suite 7 | Flagstaff | AZ | 86001 |
| Arizona Department of Environmental Quality | Henry Darwin | 1110 West Washington Street | Phoenix | AZ | 85007 |
| U.S. Forest Service, Coconino National Forest | Henry Provencio | 1824 S Thompson Street | Flagstaff | AZ | 86001 |
| U.S. Department of Defense | Jack Bush | 1235 South Clark Street, Suite 1000 | Arlington | VA | 22202 |
| | James Babbitt | 211 E Elm Ave | Flagstaff | AZ | 86001 |
| Arizona Game & Fish Department | James Driscoll | 5000 West Carefree Highway | Phoenix | AZ | 85086 |
| Arizona State Historic Preservation Office | James Garrison | 1300 West Washington Street | Phoenix | AZ | 85007 |
| Arizona State Land Department | Jamie Hogue | 1616 West Adams Street | Phoenix | AZ | 85007 |
| NAU - EMA | Janet Lynn | PO Box 5845 | Flagstaff | AZ | 86011 |
| NACET | Jason Baer | 5120 W Kiltie Lane | Flagstaff | AZ | 86001 |
| Center for Biological Diversity | Jay Lininger | PO Box 1178 | Flagstaff | AZ | 86002 |
| Foresight Wind Energy | Jeff Organ | 2225 N Gemini Dr, Suite 7 | Flagstaff | AZ | 86001 |
| Northern Arizona Center for Emerging Technologies | Jeff Saville | 2225 N Gemini Drive, Suite 1 | Flagstaff | AZ | 86001 |
| U.S. Forest Service, Coconino National Forest | Jeremy Haines | 5075 N. Highway 89 | Flagstaff | AZ | 86004 |
| Arizona Department of Commerce | Jerry Ewing | 1700 West Washington Street, Suite 600 | Phoenix | AZ | 86007 |
| Western Area Power Administration | Jessica Herndon | 615 S. 43rd Ave | Phoenix | AZ | 85005 |
| Arizona State Land Department | Jim Adams | 1616 West Adams Street | Phoenix | AZ | 85007 |
| Arizona Department of Commerce | Jim Arwood | 1700 West Washington Street, Suite 600 | Phoenix | AZ | 85007 |
| U.S. Forest Service, Coconino National Forest | Jim Beard | 1824 S Thompson Street | Flagstaff | AZ | 86001 |
| Arizona Farm Bureau | Jim Klinker | 325 S. Higley Road, Suite 210 | Gilbert | AZ | 85296 |
| | Jim McCarthy | 1755 W Sequoia Dr | Flagstaff | AZ | 86001 |
| Arizona Antelope Foundation | Jim Mehen | 10 West Dale Ave | Flagstaff | AZ | 86001 |
| Arizona, Office of the Governor | Joanne Keene | 1801 W Route 66 | Flagstaff | AZ | 86001 |
| Museum of Northern Arizona | Jodi Griffith | 3101 N. Fort Valley Road | Flagstaff | AZ | 86001 |
| Coconino Community College | Joe Costion | 2800 S Lone Tree Rd | Flagstaff | AZ | 86001 |
| City of Flagstaff | Joe Haughey | 211 W Aspen Ave | Flagstaff | AZ | 86001 |
| U.S. Forest Service, Coconino National Forest | Joe Stringer | 1824 S Thompson Street | Flagstaff | AZ | 86001 |
| Northern Arizona University | John D. Haeger | PO Box 4092 | Flagstaff | AZ | 86011 |
| Coconino Sustainable Economic Development Initiative | John Grahame | PO Box 22100 | Flagstaff | AZ | 86002 |
| N AZ Audubon Society | John Grahame | 375 Choctaw St | Flagstaff | AZ | 86001 |
| Arcadis | John Hanisch | 1687 Cole Blvd, 2nd Floor | Lakewood | CO | 80401 |
| NACET | John Kalinich | 123 N Leroux Street | Flagstaff | AZ | 86001 |
| Coconino Trail Riders | John Neff | 6185 Black Bill Rd | Flagstaff | AZ | 86004 |
| U.S. Fish & Wildlife Service | John Nystedt | 324 N Leroux Street, Suite 101 | Flagstaff | AZ | 86001 |
| U.S. Forest Service, Coconino National Forest | John O'Brien | 1824 S Thompson Street | Flagstaff | AZ | 86004 |

| Organization | NAME | Address | City | State | Zip |
|--|-------------------------------------|------------------------------------|------------|-------|-------|
| Sierra Club | Jon Findley | 1030 E Baseline Rd, Suite 105-987 | Tempe | AZ | 85281 |
| Edison Mission Energy | JT Boone | 18101 Von Karman Ave, Suite 1700 | Irvine | CA | 92612 |
| N AZ Audubon Society | Judi Radd | | | | |
| Bar T Bar Ranch Inc | Judy & Bob Prosser | PO Box 190 | Winslow | AZ | 86047 |
| Crater Ranch LLC | Judy & Bob Prosser | PO Box 190 | Winslow | AZ | 86003 |
| Flagstaff Chamber of Commerce | Julie Pastrick | 101 W Route 66 | Flagstaff | AZ | 86001 |
| NAU - Vice President for Research | Karan English | P:O Box 5845 | Flagstaff | AZ | 86011 |
| City of Flagstaff | Karla Brewster | 211 W Aspen Ave | Flagstaff | AZ | 86001 |
| | Kathleen Satterfield | | | | |
| Edison Mission Energy | Kellie Doherty | One International Place, 9th Floor | Boston | MA | 02110 |
| | Ken Jacobs | PO Box 1401 | Flagstaff | AZ | 86002 |
| Arizona State Land Department | Kevin Boness | 3650 Lake Mary Road | Flagstaff | AZ | 86001 |
| City of Flagstaff | Kevin Burke | 211 W Aspen Ave | Flagstaff | AZ | 86001 |
| Arizona Corporation Commission | Kristin Mayes, Chair | 1200 W Washington, 2nd Floor | Phoenix | AZ | 85007 |
| The Hopi Tribe | Land Committee | PO Box 123 | Kykotsmovi | AZ | 86039 |
| Diablo Trust | Larry Bright | 805 Sunshine Ln | Sedona | AZ | 86336 |
| Diablo Trust | Larry Holland | PO Box 492 | Taylor | AZ | 85939 |
| Museum of Northern Arizona | Larry Stevens | 3101 N. Fort Valley Road | Flagstaff | AZ | 86001 |
| NACET | LaVelle McCoy | 361 N Switzer Canyon Dr | Flagstaff | AZ | 86004 |
| Coconino Community College | Leah Bornstein | 2800 S. Lone Tree Rd. | Flagstaff | AZ | 86001 |
| Coconino County | Lena Fowler | 219 E Cherry Ave | Flagstaff | AZ | 86001 |
| Navajo Nation, Leupp Chapter | Leonard Chee | CPO Box 5428 | Leupp | AZ | 86035 |
| N AZ Audubon Society | Linda Hall | 2305 Whispering Pines Way | Flagstaff | AZ | 86001 |
| The Nature Conservancy | Lisa McNeilly | 114 N San Francisco St | Flagstaff | AZ | 86001 |
| Coconino County | Liz Archuleta | 219 E Cherry Ave | Flagstaff | AZ | 86001 |
| Navajo Nation, Leupp Chapter | Lorraine Jones-Noline, Vice Preside | CPO Box 5428 | Leupp | AZ | 86035 |
| Coconino County | Lucinda Andriani | 219 E Cherry Ave | Flagstaff | AZ | 86001 |
| Arizona House of Representatives | Lucy Mason | 1700 W Washington St | Phoenix | AZ | 85007 |
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| ANTELOPE MESA RANCH LLC | 7670 E BROADWAY BLVD STE 207 | TUCSON | AZ | 85710 |
| ATCHISON TOPEKA & SANTA FE RY CO NKA | PO BOX 961089 | FORT WORTH | TX | 76161 |
| BAR T BAR RANCH CO LTD PTNRSH | PO BOX 30940 | FLAGSTAFF | AZ | 86003 |
| BAR T BAR RANCH INC | PO BOX 190 | WINSLOW | AZ | 86047 |
| BARRINGER CRATER CO | PO BOX 30940 | FLAGSTAFF | AZ | 86003 |
| CARTTER ROBIN D & SHONA JT | 38 TWIN ARROWS | FLAGSTAFF | AZ | 86004 |
| CLIFTON MICHAEL GREGORY | PO BOX 357 | FLAGSTAFF | AZ | 86002 |
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| DRYE AARON M II | 15 N TWIN ARROWS | FLAGSTAFF | AZ | 86004 |
| DRYE MAUDIE J | 45 TWIN ARROWS | FLAGSTAFF | AZ | 86004 |
| DRYE RONALD L & BONNI JO CPWROS | 2913 N WEST ST | FLAGSTAFF | AZ | 86004 |
| DRYE RUTH TRUSTEE | 6095 E LEISURE LN | FLAGSTAFF | AZ | 86004 |
| DRYE STEVEN C & PATSY G CPWROS | 34 TWIN ARROWS | FLAGSTAFF | AZ | 86004 |
| DRYE WENDY LYNN JT | 132 TWIN ARROWS | FLAGSTAFF | AZ | 86004 |
| FLYING M LAND & CATTLE CO | PO BOX 700 | FLAGSTAFF | AZ | 86002 |
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| Organization | NAME | Title | EMAIL |
|--|-------------------------|---|-------------------------------|
| Navajo Nation, Department of Natural Resources | Arvin Trujillo | DNR Executive Director | arvintrujillo@frontiernet.net |
| Northern Arizona Center for Emerging Technologies | Jeff Saville | | jeff@alignnorth.com |
| Northern Arizona University | William Auberle | | william.auberle@nau.edu |
| NRCS | Gary Parrott | | gary.parrott@az.usda.gov |
| NRCS | Shai Schendel | District Conservationist | shai.schendel@az.usda.gov |
| NRCS | Stu Tuttle | | stu.tuttle@az.usda.gov |
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| Sierra Club | Rob Smith | | rob.smith@sierraclub.org |
| The Hopi Tribe | Norman Honie | Energy & Mineral Department | NHonie@hopi.nsn.us |
| The Hopi Tribe | Scott Canty | | SCanty0856@aol.com |
| The Hopi Tribe, 3 Canyon Ranches | Norman Honanie | | hopizone@yahoo.com |
| The Nature Conservancy | Lisa McNeilly | | lmcneilly@tnc.org |
| Transcon | George Miller | | gmiller@transconusa.com |
| Transcon | Michael Warner | | mwarner@transconusa.com |
| U.S. Department of Defense | Jack Bush | Air Force Civil Engineer, Planning Division | jack.bush@pentagon.af.mil |
| U.S. Department of the Interior | Willie R. Taylor | Office of Environmental Policy and Compliance | willie_taylor@ios.doi.gov |
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| U.S. Fish & Wildlife Service | John Nystedt | Fish & Wildlife Biologist | john_nystedt@fws.gov |
| U.S. Fish & Wildlife Service | Shaula Hedwall | Fish & Wildlife Biologist | shaula_hedwall@fws.gov |
| U.S. Fish & Wildlife Service | Steve Spangle | Field Supervisor | steve_spangle@fws.gov |
| U.S. Fish & Wildlife Service | Bill Austin | Fish & Wildlife Biologist | william_austin@fws.gov |
| U.S. Forest Service, Coconino National Forest | Cathy Taylor | | cataylor01@fs.fed.us |
| U.S. Forest Service, Coconino National Forest | Carol Boyd | Stewardship Staff Officer | cboyd@fs.fed.us |
| U.S. Forest Service, Coconino National Forest | Joe Stringer | Acting Supervisor | cstringer@fs.fed.us |
| U.S. Forest Service, Coconino National Forest | Gary Hase, Jr. | Range Conservationist | ghase@fs.fed.us |
| U.S. Forest Service, Coconino National Forest | Henry Provencio | Wildlife Biologist | hprovencio@fs.fed.us |
| U.S. Forest Service, Coconino National Forest | Jim Beard | | jbeard@fs.fed.us |
| U.S. Forest Service, Coconino National Forest | Jeremy Haines | | jhaines@fs.fed.us |
| U.S. Forest Service, Coconino National Forest | John O'Brien | | jmobrien@fs.fed.us |
| U.S. Forest Service, Coconino National Forest | Michael Chaveas | Deputy District Ranger | mchaveas@fs.fed.us |
| U.S. Forest Service, Coconino National Forest | Mike Hannemann | Range Conservationist | mhannemann@fs.fed.us |
| U.S. Forest Service, Coconino National Forest | Nora Rasure, Supervisor | Forest Supervisor | nrasure@fs.fed.us |
| U.S. Forest Service, Coconino National Forest | Sandra Nagiller | Planning Specialist | snagiller@fs.fed.us |
| U.S. Geologic Service, Colorado Plateau Research Station | Charles Drost | Biologist | Charles.Drost@nau.edu |

| Organization | NAME | Title | EMAIL |
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| U.S. Geologic Service, Colorado Plateau Research S | Mark Sogge | Station Chief | mark.sogge@nau.edu |
| U.S. Geologic Service, Colorado Plateau Research S | Matt Johnson | | Matthew.Johnson@nau.edu |
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| Western Area Power Administration | Cathy Cunningham | | CUNNINGH@wapa.gov |
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| | Ellen Parish | | sunsetclay@hughes.net |
| | Tischa Munoz-Erickson | | tischa.munoz-erickson@asu.edu |
| | | | |

APPENDIX C

PUBLIC SCOPING MEETINGS

SLIDE PRESENTATION



Grapevine Canyon Wind Project

Public Scoping Meetings for Environmental Impact Statement

August 2009



Public Scoping Meeting Agenda

- **Introductions**
 - Agencies / Roles
 - Proponent / Foresight Flying M
- **Project Overview**
 - Location
 - Project Timeline
 - Components
 - Transmission Tie-Line and Interconnection Switchyard
 - Wind Park
 - Site Access
- **Environmental Impact Statement Process**
- **Comment, Q&A**

Introductions – Federal Agencies

- **Western Area Power Administration (*Western*)**
 - One of four power marketing administrations within the U.S. Department of Energy
 - 15-State Service Territory
 - Owns & operates 17,000 miles of high-voltage transmission lines
 - Role is to market and transmit electricity from multi-use water projects
- **U.S. Forest Service**
 - Agency of U.S. Department of Agriculture
 - US Forest Service is charged with the care of the nation's forests and rangelands
 - **Coconino National Forest**
 - One of 6 national forests in Arizona



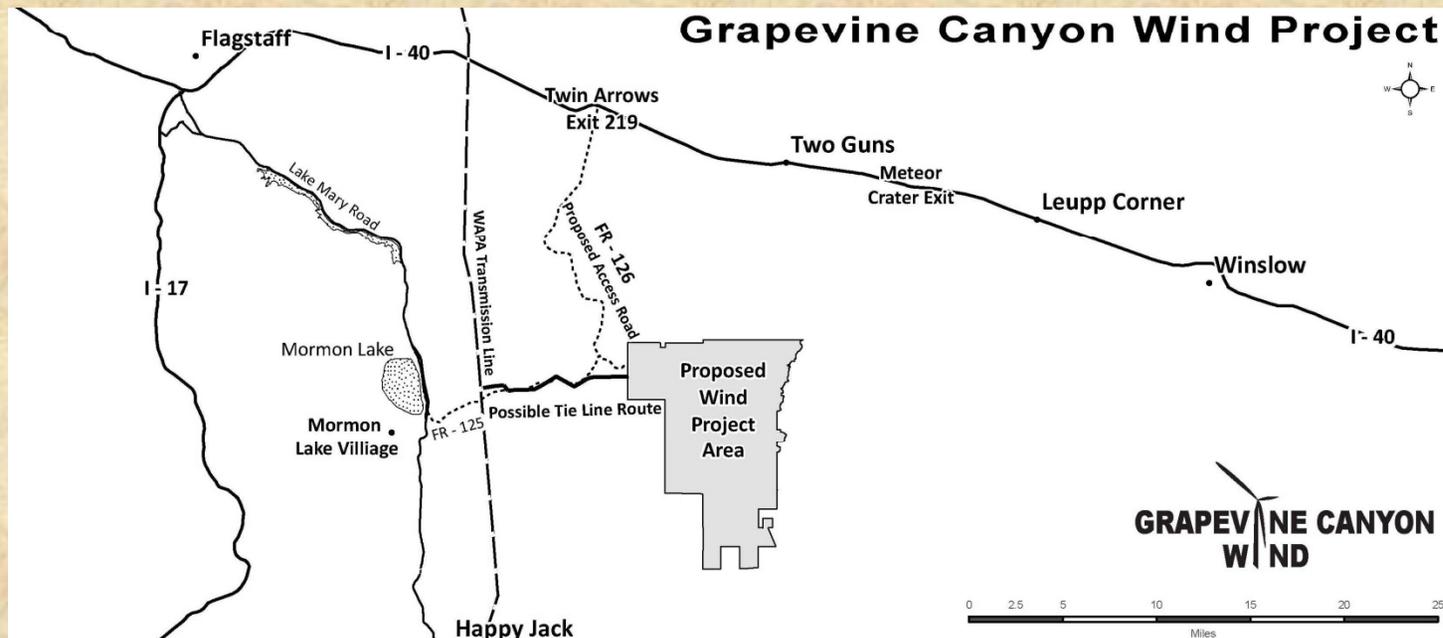
Introductions – Project Proponent

- **Foresight Flying M, LLC**
 - **Project Company: Foresight Flying M, LLC**
 - **Developer/Owner of Grapevine Canyon Wind Project**
 - **Manager: Foresight Wind Energy, LLC**
 - **Project Development Activities**
 - **Wind assessment, environmental and cultural/historical studies, permitting, transmission, project management, stakeholder relations**
 - **Project Financing**
 - **Construction, Operations & Maintenance**
 - **Power marketing**

Project Proponent, cont'd

- **About Foresight Wind Energy, LLC**
 - Leading wind developer in the Southwest
 - Working in Arizona since 2002
 - Over 2.5 GW of projects in various stages of development
 - Expertise: Project Development, Wind & Renewable Energy Technologies, Transmission, Power Marketing
 - Desert Southwest focus
 - Office Locations: San Francisco, Flagstaff
- **Flagstaff Development Team**
 - Lead Personnel for Permitting, GIS, Wind Analysis, Project Management, Government Relations
- **www.foresightwind.com**

Project Overview - Location



- **Location**

- 22 miles SE of Flagstaff
- 18 miles S of I-40 Exit 219

- **Project Lands**

- **Wind Park**
 - Private Flying M Ranch lands
 - Arizona State Trust Lands
- **Transmission Tie-Line & Switchyard**
 - Coconino National Forest lands

Project Overview cont'd

- **Project Size**
 - Potentially up to 500 megawatts
 - Project would be phased
 - Project would generate over 500,000 megawatt hours per year if fully built out
 - Each 100 megawatts would serve approximately 25,000 homes
- **Power Market**
 - Energy delivered to regional electric grid via Western's transmission system
 - Power to be marketed to Arizona and regional utilities, and Federal power preference customers

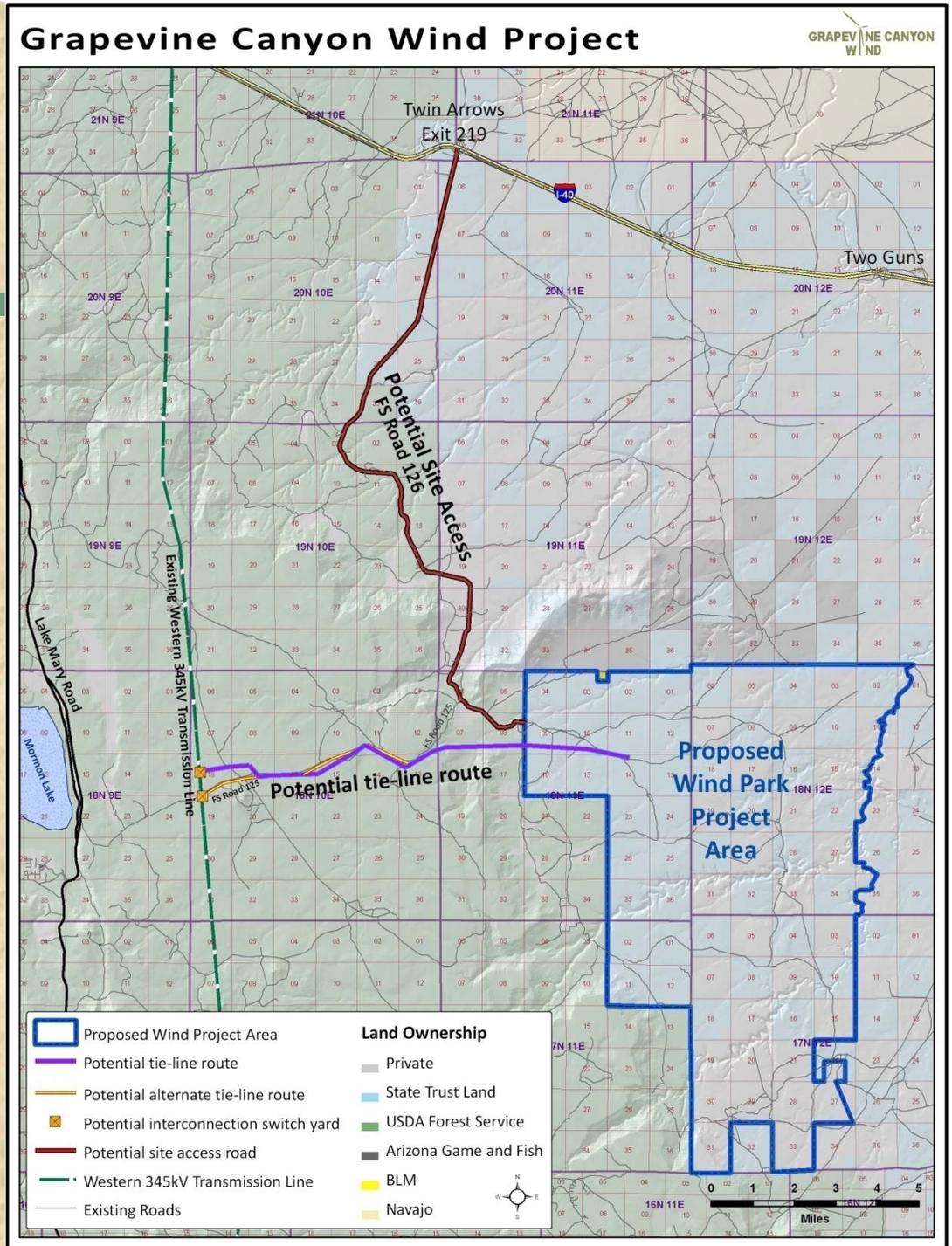
Project Timeline

| Timeframe | Activities |
|------------------|--|
| 2007-2010 | Wind Assessment Feasibility & Environmental Studies Development Activities Interconnection & Transmission Studies Power Marketing |
| 2009-2010 | NEPA: Environmental Impact Statement |
| Fall 2010 | NEPA: Record of Decision (Western, US Forest) |
| Fall 2010 | Tie Line: Arizona Certificate of Environmental Compatibility |
| Fall 2010 | Coconino County Conditional Use Permit |
| 2011 | Anticipated Construction |
| 2011-2012 | Anticipated Commercial Operation |



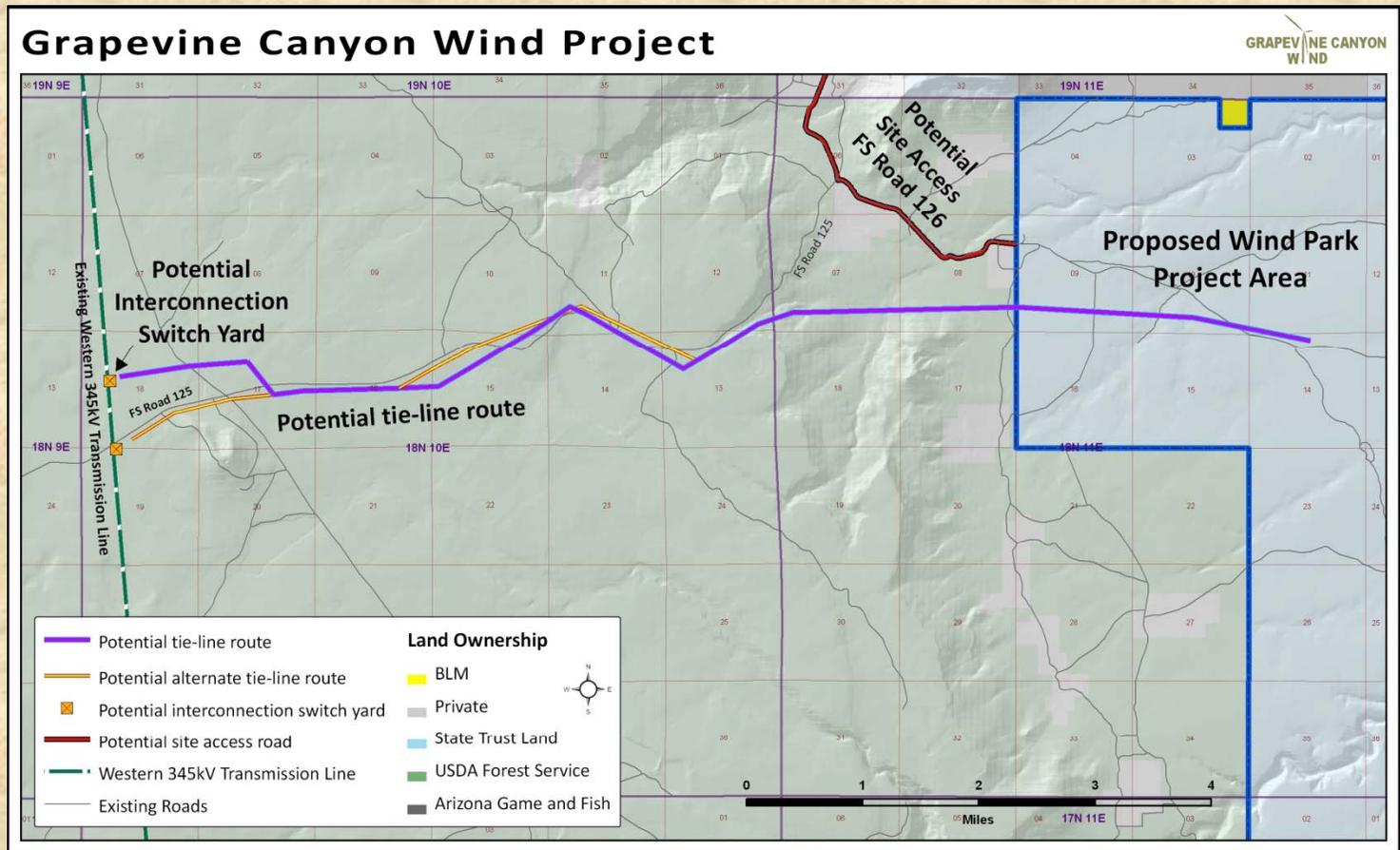
Project Components

- Transmission Tie-Line
- Interconnection Switchyard
- Wind Park
- Site Access Road



Proposed Transmission Tie-Line

- Proposed Transmission Tie-Line
 - 9 miles
 - 345 kV



Right: Potential Tie Line Route Alternatives

Proposed Interconnection Switchyard

- **Interconnection Switchyard**
 - **Switchyard to interconnect to Western's Glen Canyon to Pinnacle Peak 345kV Transmission Line**



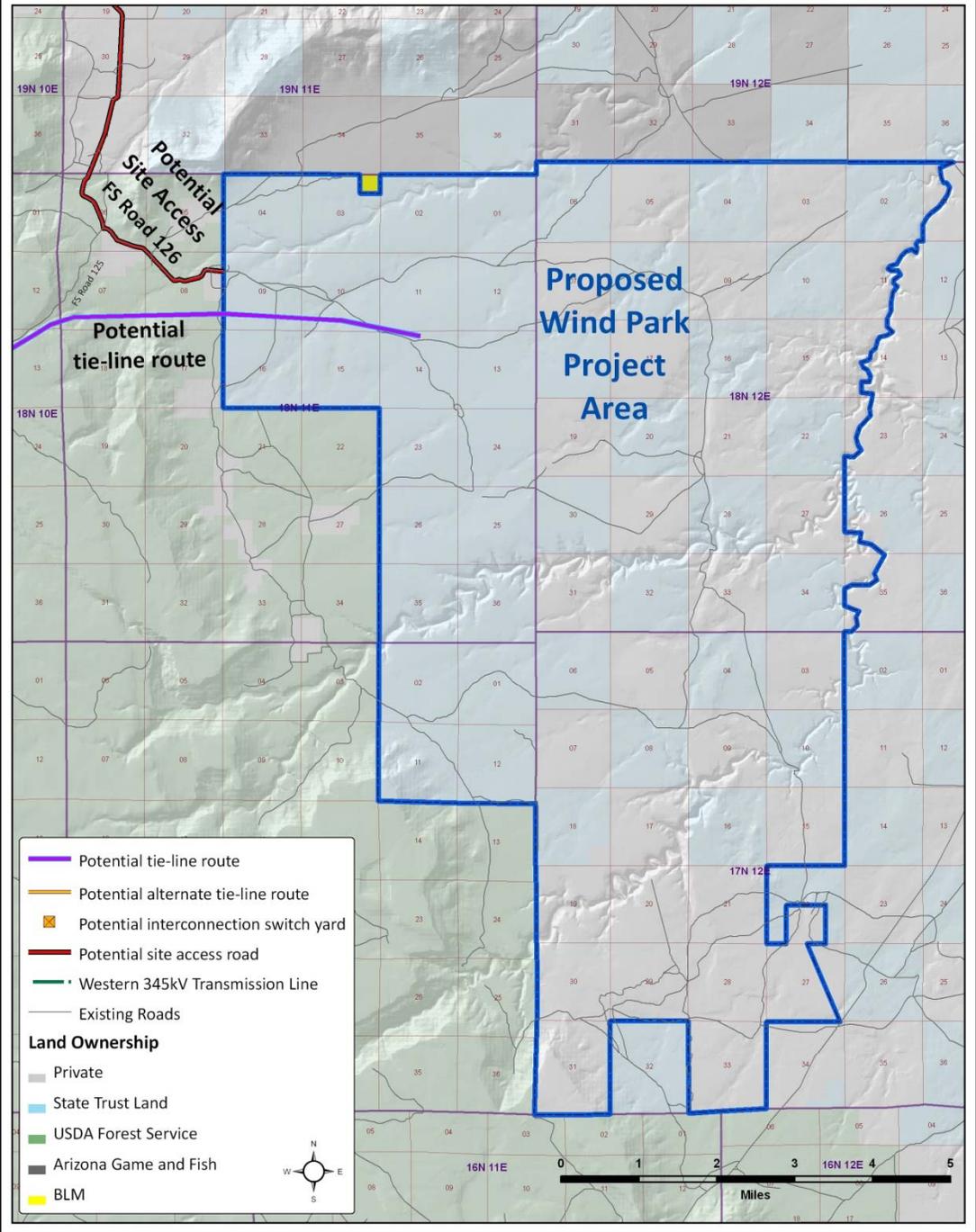
*Above: Existing Western Transmission Line, Potential Interconnection Area.
Left, an existing 345kV switchyard*



Proposed Wind Park

- Up to 500 megawatts
- 166 to 333 turbines if fully built out
- Step-up Substation
- O&M Building
- Collection system between turbines
- Service Roads

Grapevine Canyon Wind Project



Wind Park, cont'd



*Above: Typical Step-up
Substation*

*Right: Typical Wind
Farm. 1.5 MW Turbines*



Wind Park / Wind Assessment



*Typical Meteorological
"MET" Tower*



Site Access

- F.S. Road 126
- Approximately 18 miles

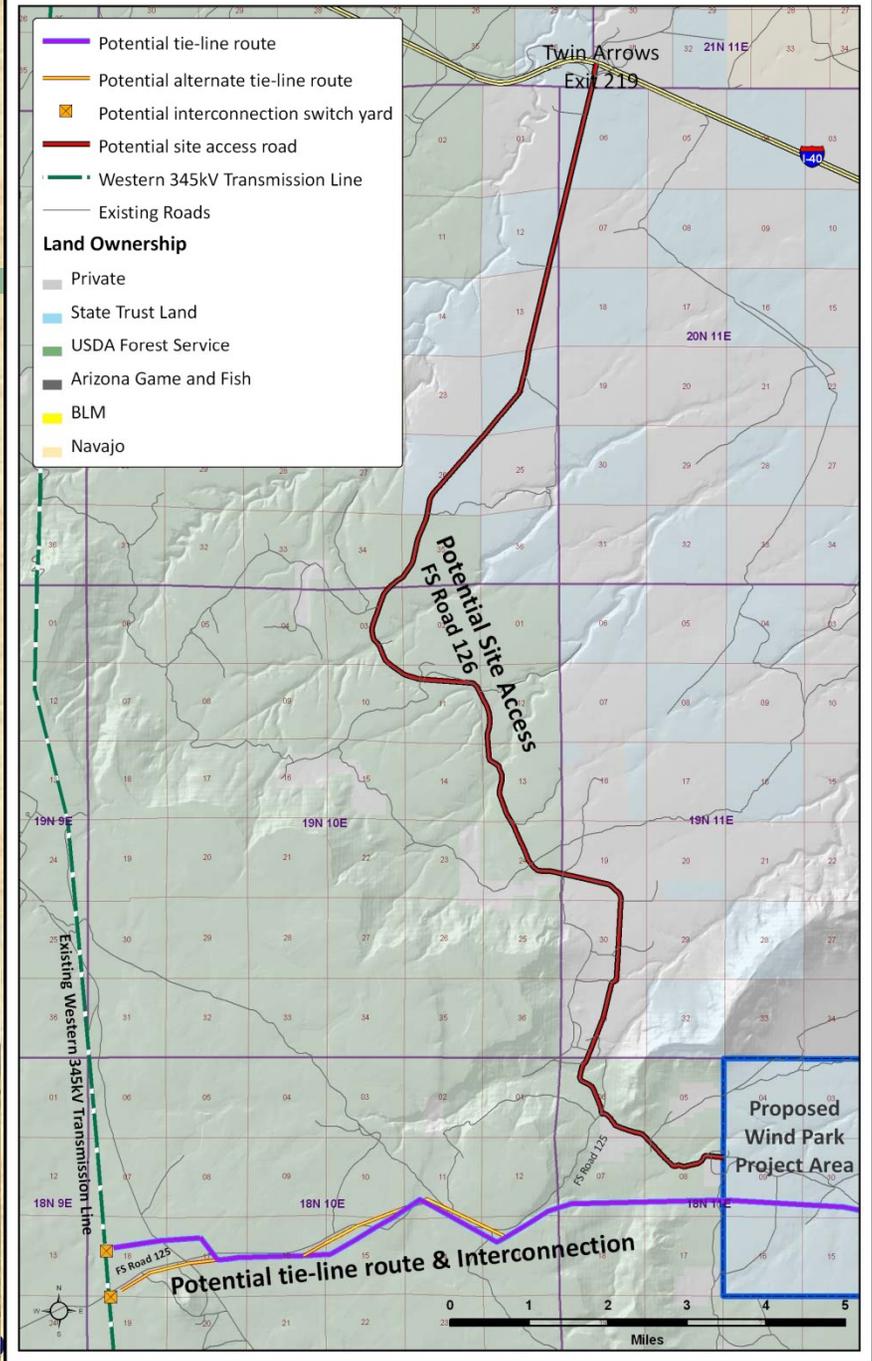


*Above & Right:
F.S. Road 126*



*Far Right:
Access Road
Location*

Grapevine Canyon Wind Project



National Environmental Protection Act

Under the National Environmental Protection Act, Federal agencies must consider the potential environmental consequences of their proposals, document the analysis and make this information available to the public for comment before taking action.

| | Western | Forest |
|-----------------|--|---|
| NEPA Policy | Environmental review for interconnection projects | Environmental review for ROW for utility & infrastructure projects |
| Proposed Action | Interconnect wind project to Western transmission system | Identify suitable interconnection site and tie-line route across Forest |
| NEPA Role | Lead Agency | Cooperating Agency |

EIS Process Timeline

- **Public Scoping**
 - July/August 2009
 - Public Comment requested by August 28, 2009
- **Draft EIS**
 - January 2010
 - Public Comment period February/March 2010
- **Final EIS**
 - Summer 2010
- **Record of Decision**
 - Fall 2010

Your Comments are Welcome

Please provide public comment by August 28, 2009

- **Public Meeting Comment Form**
- **Mail / Comment Form**
 - **Ms. Mary Barger**
Western Area Power Administration
PO Box 6457
Phoenix, AZ 85005
- **Email: GrapevineWindEIS@wapa.gov**
- **Website: E-comment form at ww.wapa.gov/transmission/grapevine.htm**
- **Phone: (602) 605-2524**
- **Fax: (602) 605-2630**

More Information

- Visit the **Western Project Website**
 - www.wapa.gov/transmission/grapevine.htm
- Visit the **Proponent's Project Website**
 - www.GrapevineWind.com
- Visit the **Department of Energy NEPA Website**
 - <http://www.gc.energy.gov/NEPA/>
- Visit the **Department of Energy Wind Powering America Website**
 - www.WindPoweringAmerica.com
- Visit the **American Wind Energy Association Website**
 - www.awea.org

Public Comment, Q&A

Your comments will help Western define issues and alternatives for evaluation of the environmental impacts of the proposed project.

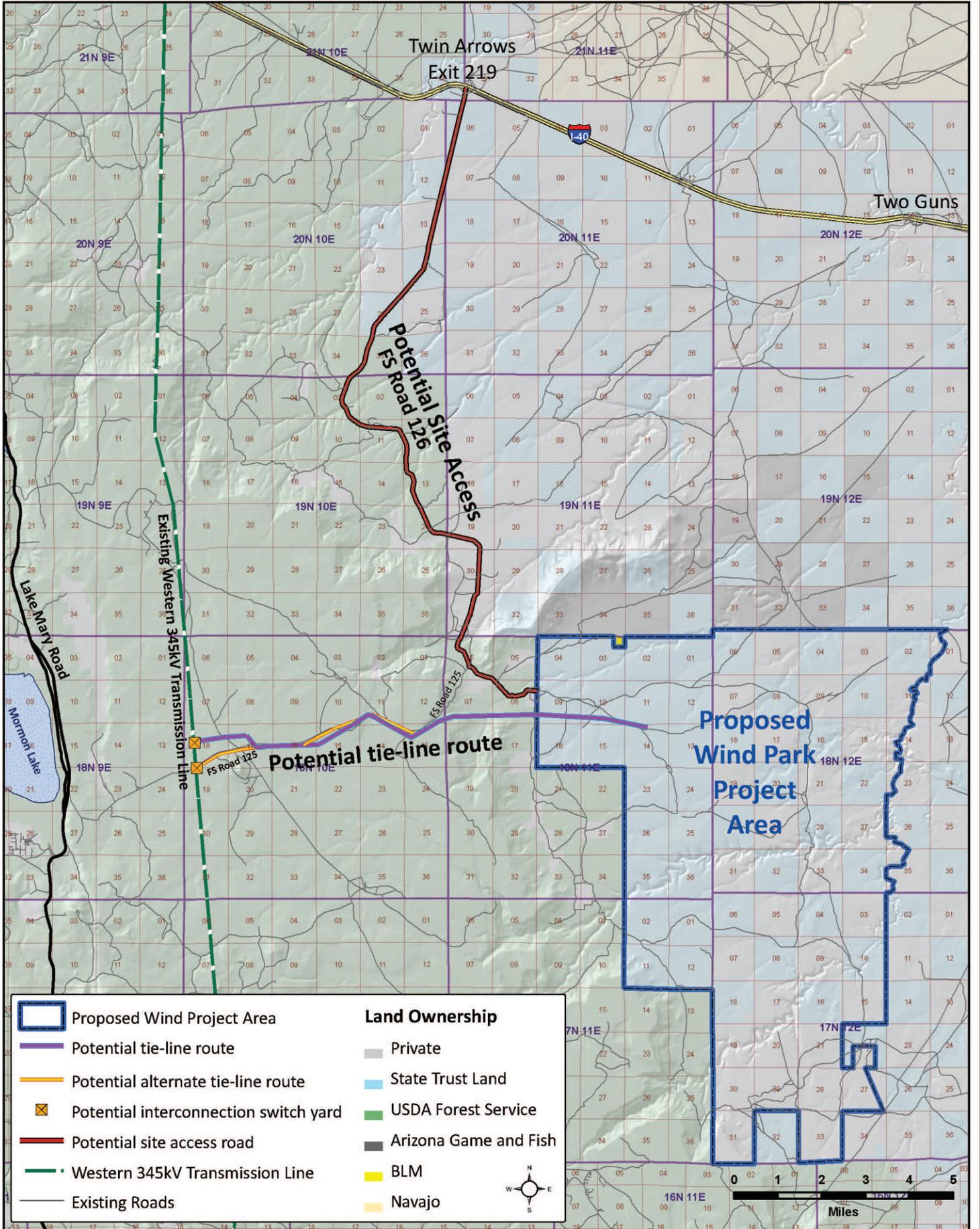
Thank You
for your
Participation & Comments

DISPLAY BOARDS

WELCOME

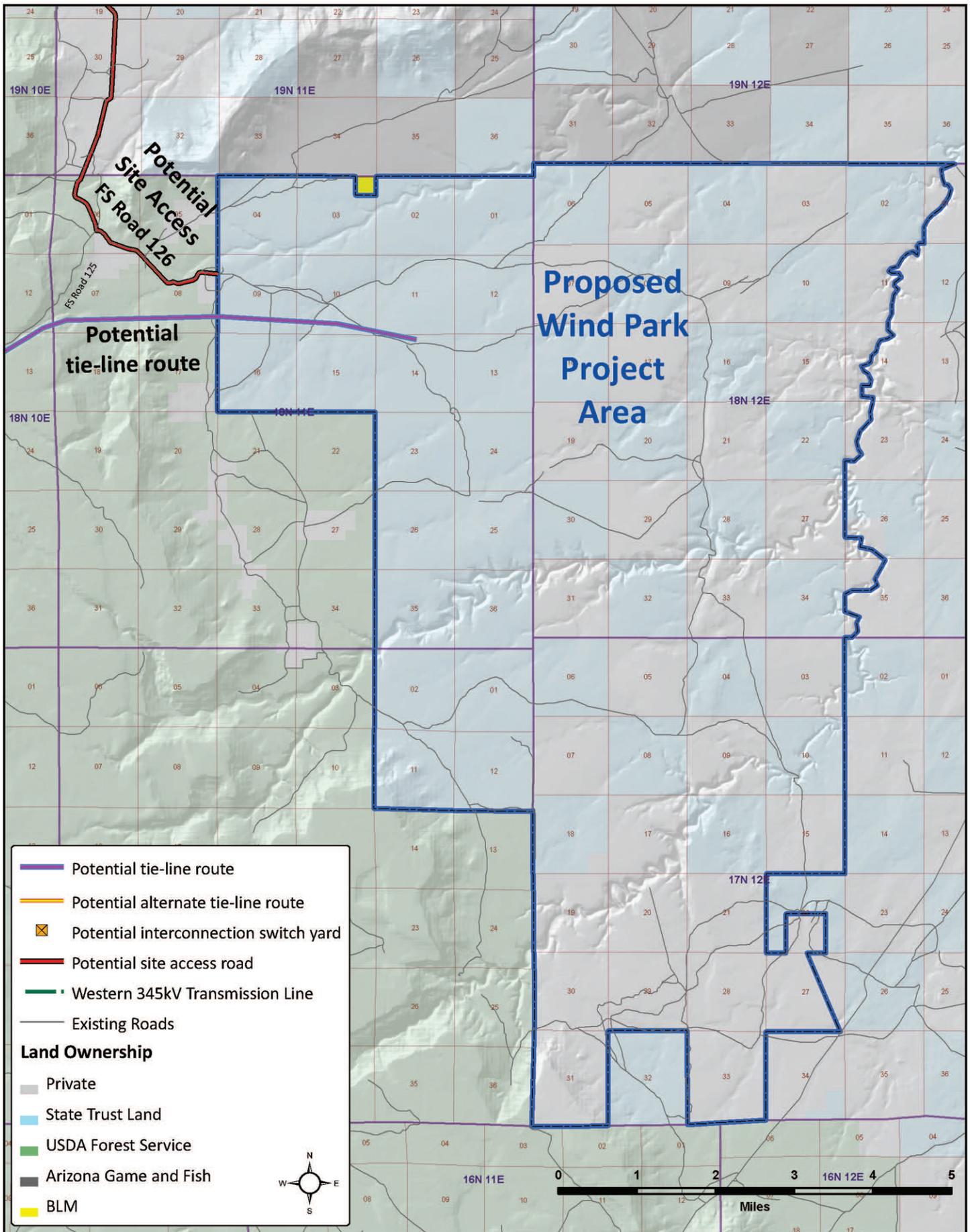


Grapevine Canyon Wind Project

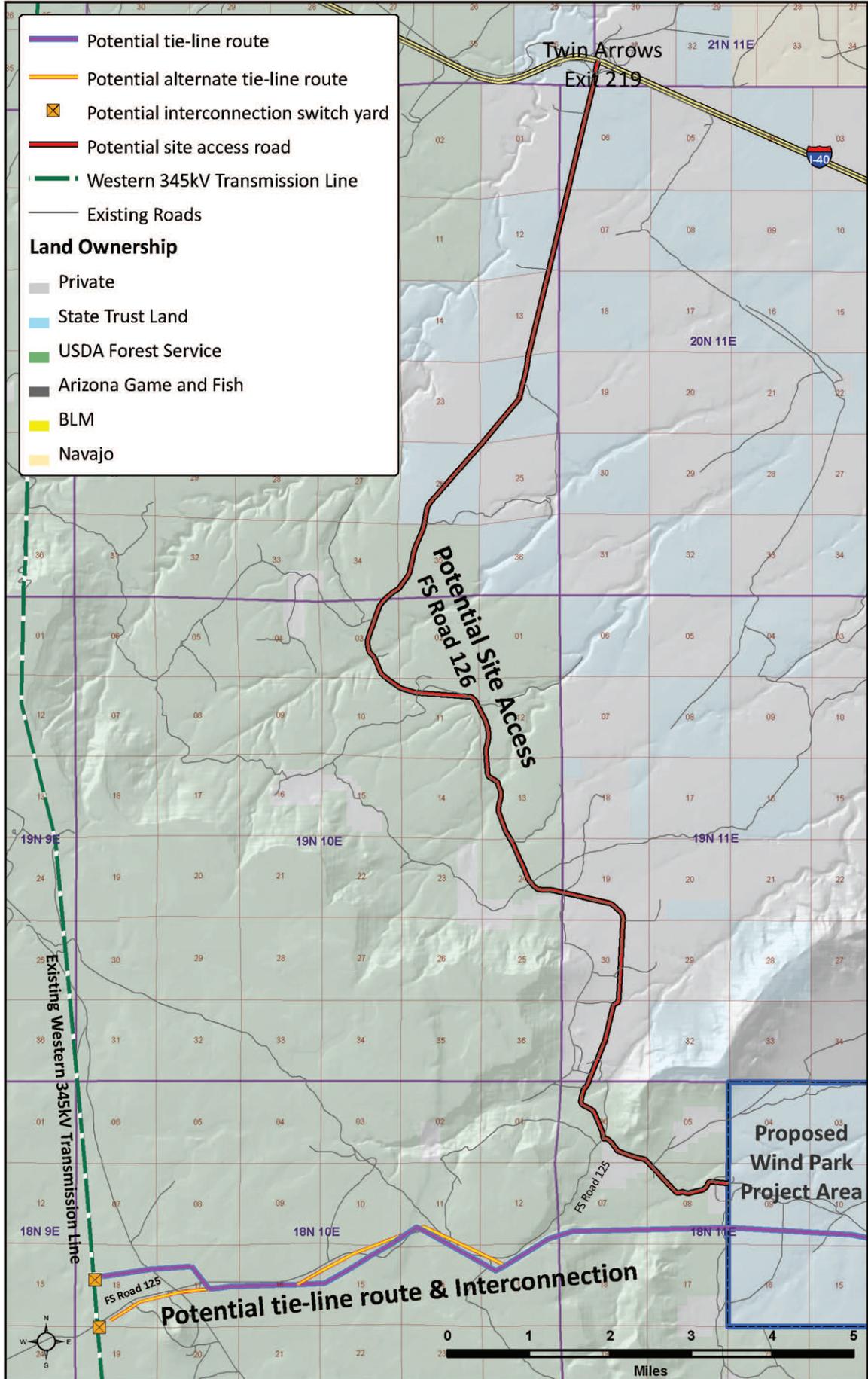


| | | | |
|--|---------------------------------------|-----------------------|-----------------------|
| | Proposed Wind Project Area | Land Ownership | |
| | Potential tie-line route | | Private |
| | Potential alternate tie-line route | | State Trust Land |
| | Potential interconnection switch yard | | USDA Forest Service |
| | Potential site access road | | Arizona Game and Fish |
| | Western 345kV Transmission Line | | BLM |
| | Existing Roads | | Navajo |

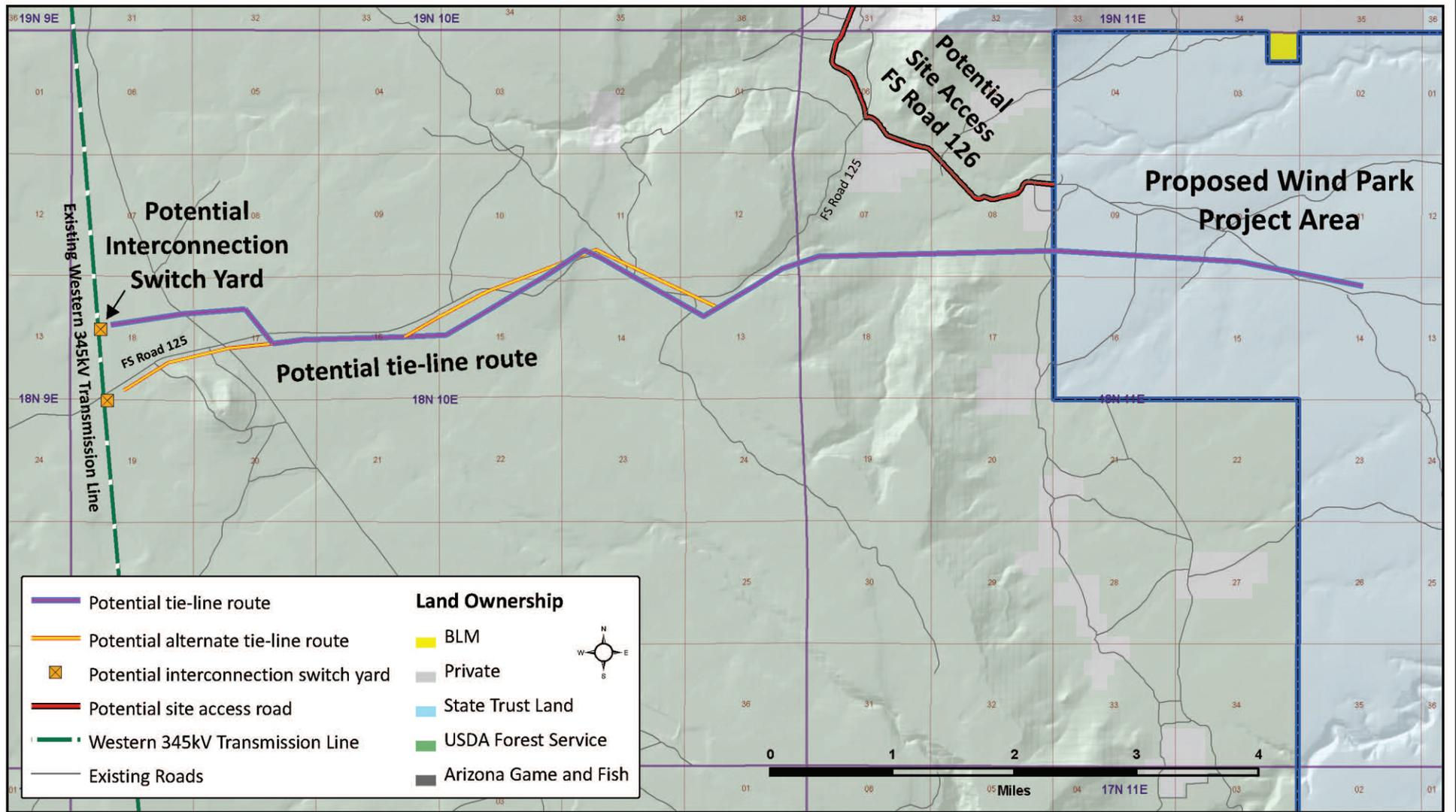
Grapevine Canyon Wind Project



Grapevine Canyon Wind Project

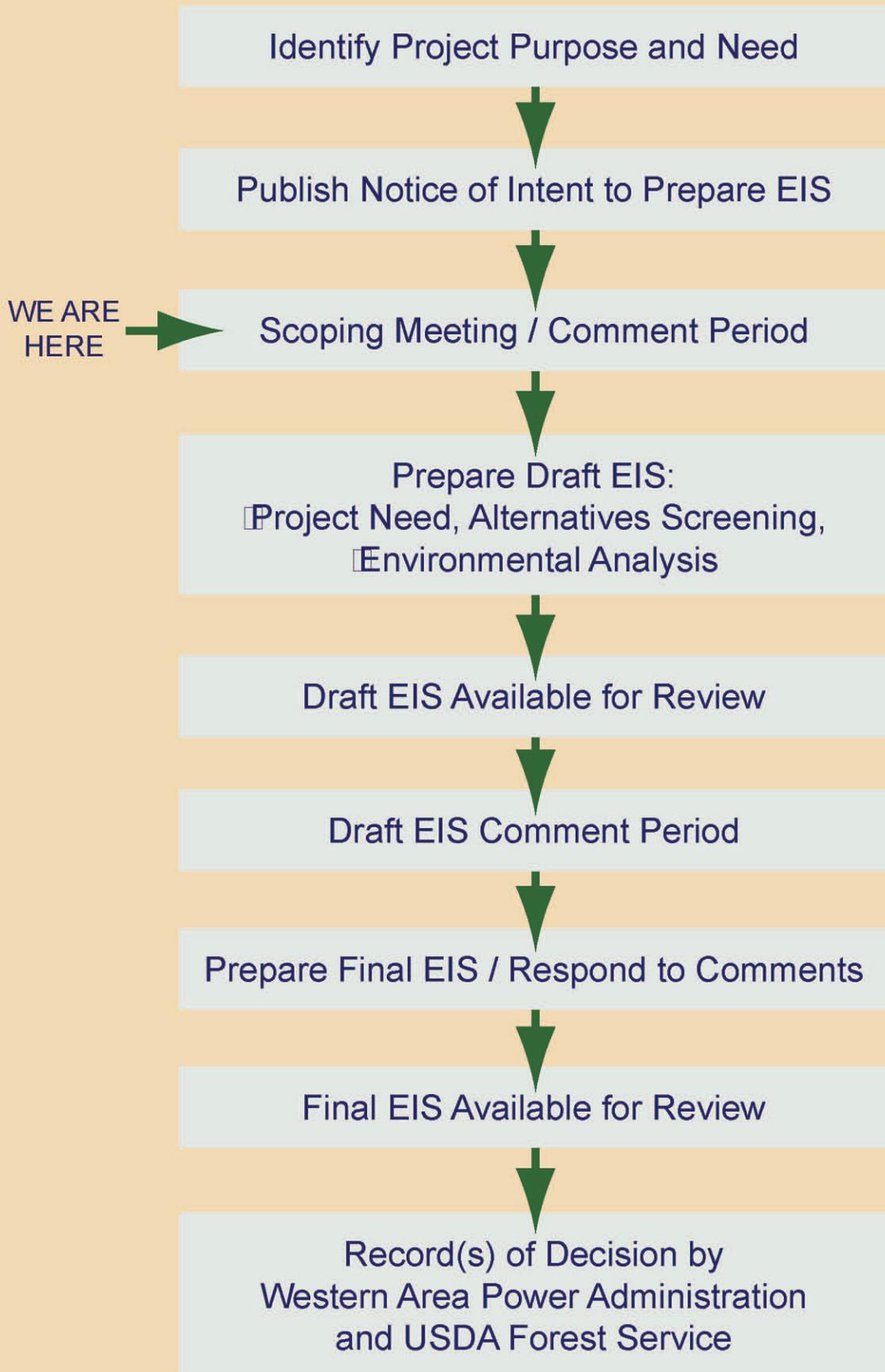


Grapevine Canyon Wind Project



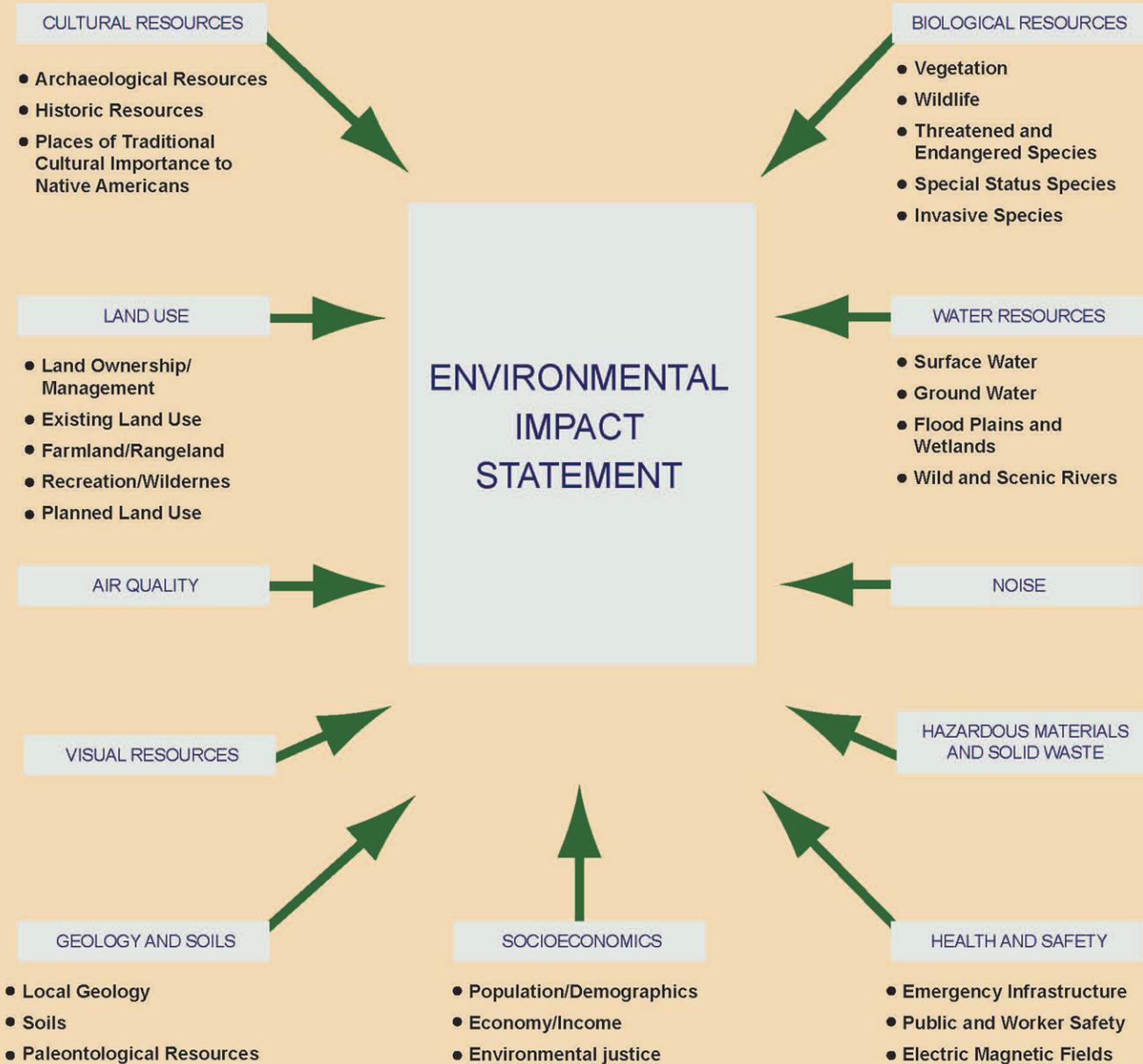
| | | |
|--|---------------------------------------|-----------------------|
| | Potential tie-line route | Land Ownership |
| | Potential alternate tie-line route | BLM |
| | Potential interconnection switch yard | Private |
| | Potential site access road | State Trust Land |
| | Western 345kV Transmission Line | USDA Forest Service |
| | Existing Roads | Arizona Game and Fish |

Grapevine Canyon Wind Project NEPA Process



ENVIRONMENTAL RESOURCES ISSUES

Resources to be addressed in the Environmental Impact Statement



Please provide your comments by August 28, 2009 to:

**Mary Barger
Western Area Power Administration
National Environmental Policy Act (NEPA) Document Manager
P.O. Box 6457
Phoenix, AZ 85005**



BLANK COMMENT FORM AND SIGN-IN SHEET

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**Mary Barger
Western Area Power Administration
National Environmental Policy Act (NEPA) Document Manager
P.O. Box 6457
Phoenix, AZ 85005**

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SIGN-IN SHEETS (UTILIZED)

| Grapevine Canyon Wind Project | | | | | | | |
|---|----------------------|---|--|----------------|-------|--------------------------|---|
| WESTERN AREA POWER ADMINISTRATION | | Public Scoping Meeting, August 10, 2009, Mormon Lake, Arizona | | | | GRAPEVINE CANYON WIND | |
| Name | Organization | Email | Address | City | State | Zip | Receive future info about project* |
| STEVE ATKINS | NAV | steve.atkins@nav.edu | Box 38530 | MORMON LK | AZ | 86038 | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Jack Metzger | Flying M | | | | | | Yes <input type="radio"/> No <input type="radio"/> |
| Kit Metzger | Flying M | | | | | | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| ANDI ROGERS | AZ Game & Fish | arogers@azgfd.gov | 3500 S Lake Mary Flagstaff | Flag, AZ | | 86001 | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| TEX WALKER | | | Box 176 | Cameron | AZ | 86020 | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Helyn Walker | | | Box 176 | Cameron | AZ | 86020 | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Ellen Parish | | sunsetclay@hughes.net | | | | | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| JAMES BAKER | | HAMEZ13@AOL.COM | | FLAGSTAFF | | | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Mike Chauveus | USFS | mchauveus@fs.fed.us | 5575 N. Hwy 89 | " | AZ | 86009 | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| TERRY ALEXANDER | CONCERNED CITIZEN | TOWNLAKETERRY@GMAIL.COM | P.O. BOX 84463 MORMON LAKE AZ 86038 | MORMON LAKE | AZ | 86038 | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Trevor H Walker | | trevorwalker@gmail.com | P.O. Box #107 Cameron AZ 86020 | Cameron | AZ | 86020 | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Jim | Flog | | | Flag | A | 86003 | Yes <input checked="" type="radio"/> No <input type="radio"/> |
| Mike Morgenthal | resident | | PO Box 38457 Mormon Lake AZ 86038 | | | | Yes <input checked="" type="radio"/> No <input type="radio"/> |
| Chad Cardoff | RSC Equipment | chad.Cardoff@rscrental.com | Flagstaff | | | 86001 | <input checked="" type="radio"/> Yes <input type="radio"/> No |

*Contact information must be provided to receive future information about the project



Grapevine Canyon Wind Project

Public Scoping Meeting, August 10, 2009, Mormon Lake, Arizona

**GRAPEVINE CANYON
WIND**

| Name | Organization | Email | Address | City | State | Zip | Receive future info about project* |
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| William Palmer | RSC EQUIPMENT | William.Palmer@rscrental.com | 5998 N. Christmastree FAGSTAFF | FAGSTAFF | AZ | 86004 | |
| Paul Seppanen | Fagen, Inc | pseppanen@Fageninc.com | 6159 Victoria Chandler, AZ 85226 | Chandler | AZ | 85226 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| JASON HALE | CORE STRUCTURE GROUP | JASONHALE@CORESTRUCTUREGROUP.COM | 624 E. GURLEY ST. PRESCOTT, AZ 86301 | PRESCOTT | AZ | 86301 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Stanford Lake | Core Structure Group | StanfordLake@corestructuregroup.com | 661 E GURLEY ST PRESCOTT AZ 86301 | Prescott | AZ | 86301 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Ed Van Pelt | VASTCO, INC. | VASTCO@VASTCO.COM | 425 INDUSTRIAL DR. CHANDLER, AZ 85226 | CHANDLER | AZ | 85226 | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| John B. Mullen | individual | jbmullen@Hotmail.com | HC 31 Box 12 Mormon Lake | | AZ | 86038 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| | | | | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | | | | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
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| | | | | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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Grapevine Canyon Wind Project

Public Scoping Meeting, August 10, 2009, Mormon Lake, Arizona

GRAPEVINE CANYON
WIND

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|--------------|--------------|------------------|--------------------|-------------|-------|-------|------------------------------------|
| Vincent Fray | | vfray1@yahoo.com | 2 Sunset Drive #10 | Mormon Lake | AZ | | Yes No |
| Glen Redman | | | PO Box 38455 | Mormon Lake | AZ | 86038 | Yes No |
| | | | | | | | Yes No |
| | | | | | | | Yes No |
| | | | | | | | Yes No |
| | | | | | | | Yes No |
| | | | | | | | Yes No |
| | | | | | | | Yes No |
| | | | | | | | Yes No |
| | | | | | | | Yes No |
| | | | | | | | Yes No |
| | | | | | | | Yes No |
| | | | | | | | Yes No |
| | | | | | | | Yes No |
| | | | | | | | Yes No |

*Contact information must be provided to receive future information about the project



Grapevine Canyon Wind Project

Public Scoping Meeting, August 11, 2009, Flagstaff, Arizona

GRAPEVINE CANYON
WIND

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|------------------|------------------|----------------------------------|-------------------------|-----------|-------|------------|------------------------------------|
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| Ty Rod | AWF | vedvack@verdeonline.com | 30 Creech Rock Circle | Sedona | AZ | 86351 | Yes No |
| Phyllis Kegley | Northern Arizona | Audubon Society | 1911 N. Maroon Dr. | Flagstaff | AZ | 86001 | Yes No |
| DON WALTERS | AZFRP | DON.WALTERS@SAB.COM | 1500 E. CEDAR AVE, #86B | FLAG | AZ | 86004 | Yes No |
| DAVE SLICK | SRP | DPSLICK@SRPNET.COM | P.O. BOX 52025 | PHX | AZ | 85072-2025 | Yes No |
| RANDY JAMES | | randy.james@nmfn.com | 8350-N Rosta Road, Flag | FLAGSTAFF | AZ | 86004 | Yes No |
| Ken Berkhoff | 1st Brokers | KenBerkhoff@gmail.com | 6895 N GREENE LN | Flagstaff | AZ | 86001 | Yes No |
| Jeff Saville | NACET | JSAVILLE@NACET.ORG | 2225 N. GEMINI | FLAGSTAFF | AZ | 86001 | Yes No |
| Wanda Scholtz | | ARIZONAMOUNTAINGIRL@peoplepc.com | 8355 E Little Prairie | Flag | AZ | 86004 | Yes No |
| CARL TAYLOR | COCONINO COUNTY | CTAYLOR@COCONINO.AZ.GOV | | FLAG | | 86004 | Yes No |
| Craig Higbee | COCONINO COUNTY | chigbeeX4x4@yahoo.com | | Flag | AZ | 86001 | Yes No |
| DERRICK WIDMAREN | DIABLOTRUST | INFO@DIABLOTRUST.ORG | Po Box 3058 FLAG | FLAG | AZ | 86003 | Yes No |
| Roger Tungoria | Hopi Tribe | rtungoria@hopi.asn.a. | Box 123, Kykehwa, AZ | Kykehwa | AZ | 86039 | Yes No |
| Art BABBOTT | | ababbott@gmail.com | 1414 N. Rim | Flag | AZ | 86001 | Yes No |
| Carolyn Cooper | | c.elisecooper@gmail.com | 50 E Mohawk | Flagstaff | AZ | 86001 | Yes No |

Contact information must be provided to receive future information about the project



Grapevine Canyon Wind Project

Public Scoping Meeting, August 11, 2009, Flagstaff, Arizona

GRAPEVINE CANYON
WIND

| Name | Organization | Email | Address | City | State | Zip | Receive future info about project* |
|--------------------------|---------------------|---------------------------|------------------------------------|------------|-------|-------|---|
| ELAINE MORRALL | NOAZ Audubon | elaimorr@mpgcable.com | 4924 Pebble Beach DR | Flag | AZ | 86004 | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Warry R. Sekoyungteva S. | Hopi Tribe | | P.O. Box 123 | Kykotsavva | " | 86039 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Bill Auberle | EN3 Professionals | wauberle@enzpro.com | 1215 E. Elm Flagstaff AZ 86001 | Flagstaff | AZ | 86001 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| MUSE VENERE | NETGENUITY | MLEGERE@NETGENUITY.COM | 4850 REATA 1312.CM | FLAC | AZ | 86001 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| ROBERT INFANTINO | ARCHER WESTERN | rintantino@wulshgroup.com | 1951 W. CAMELBACK RD PHOENIX AZ | PHX | AZ | 85015 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Jay Yeager | Southwest Windpower | jay@windenergy.com | 602 E Cherry Ave, 1801 W Rt 66 | Flagstaff | AZ | 86001 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| BRAD HILL | CITY OF FLAGSTAFF | bhill@flagstaffaz.gov | 212 W. ASPEN AVE | Flagstaff | AZ | 86001 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Brent Hulls | | bchulls@gmail.com | 8080 W. Colt Dr | Flag | AZ | 86001 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| T. BKITT | RMEK | rtguai@infomagis.net | 2126 N. Walkington Dr. | FLAG | AZ | 86004 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| David Blanchard | - | - | 3892 S. Marble Gym L | FLG | AZ | 86001 | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Lena Fowler | Cocouino County | lfowler@cocouinoaz.gov | Box 1990, ITC, AZ 86001 | Thick City | AZ | 86045 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Lucinda Anderson | Cocouino Co. | LANDREANI@COCOUNINOAZ.GOV | 2195 Cherry Flg 86001 | Flg | | | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>on list already</i> |
| | | | | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | | | | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | | | | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No |

*Contact information must be provided to receive future information about the project

APPENDIX D

COMMENTS

From: David Shelton [SHELTON@wapa.gov]
Sent: Wednesday, August 05, 2009 3:45 PM
To: GrapevineWindEIS
Cc: rslynch@rslynchaty.com
Subject: Fwd: Scoping meetings for the Grapevine Canyon Wind Project

Please send any available documentation associated with this project to Mr. Lynch.

Thanks

Dave

>>> On 8/5/2009 at 4:21 PM, in message <AF16F203D6334501802D42837C695F66@MANAGER>, "RSLynch" <rslynch@rslynchaty.com> wrote:

Dave:

Like Leslie, I cannot make either the meeting at Mormon Lake or the meeting in Flagstaff next week. If there are documents associated with this proposal in addition to what might be on your website, I would appreciate having copies of them.

Thanks.

Bob

Robert S. Lynch, Esq.
Robert S. Lynch & Associates
340 E. Palm Lane, Suite 140
Phoenix, AZ 85004-4603
Phone: 602-254-5908
Fax: 602-257-9542
Cell: 602-228-6355
E-mail: rslynch@rslynchaty.com



Grapevine Canyon Wind Project

WESTERN
AREA POWER
ADMINISTRATION

WE WELCOME YOUR COMMENTS

Your comments will help Western Area Power Administration define issues and alternatives for evaluation of the environmental impacts of the proposed project

Please provide your comments by August 28, 2009 to:

Mary Barger
Western Area Power Administration
National Environmental Policy Act (NEPA) Document Manager
P.O. Box 6457
Phoenix, AZ 85005

Please indicate how you would like to keep informed on this project. *Circle below*

- Yes No I wish to remain on the mailing list for this project (provide Name, below)
- Yes No Please send me information by regular mail only (provide Address, below)
- Yes No Please send me information by email (provide Email, below)

YOUR COMMENTS: Please print clearly

"TOPOGRAPHIC SIMULATIONS" ARE CRITICAL TO UNDERSTANDING AND VISUALIZING THIS PROJECT. (3D VISUAL MODELS)

IMPACTS TO WILD LIFE, PRIMARILY ANTELOPE, DEER, AND ELK HABITS NEED TO BE STUDIED + REPORTED.

WILL FIREARM HUNTING BE RESTRICTED IN THIS AREA OF 70 SQUARE MILES?

WILL THE ROADS BE UPGRADED TO AN "ALL WEATHER" ROAD?

Your Name: DON WALTERS E-Mail: DBWALTERS@AZCONTRACTING.COM
 Address 1500 E. CEDAR AVE. # 86B City FLAGSTAFF State AZ Zip 86004

Please provide your name and contact information if you wish to receive future information on this project



Grapevine Canyon Wind Project

WE WELCOME YOUR COMMENTS

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AREA POWER
ADMINISTRATION

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National Environmental Policy Act (NEPA) Document Manager
P.O. Box 6457
Phoenix, AZ 85005

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- Yes No I wish to remain on the mailing list for this project (*provide Name, below*)
- Yes No Please send me information by regular mail only (*provide Address, below*)
- Yes No Please send me information by email (*provide Email, below*)

YOUR COMMENTS: Please print clearly

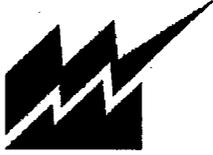
How is the Hopi Tribe being informed in regards to this project since it is close to their lands?

How is the Navajo Wind Project going to effect the power distribution on the WAPA Transmission line.

Your Name: Roger Tungoria E-Mail: rtungoria@hopi.nsn.us

Address P.O. Box 123 City Kykotsmavé State Az Zip 86059

Please provide your name and contact information if you wish to receive future information on this project



Grapevine Canyon Wind Project

WE WELCOME YOUR COMMENTS

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ADMINISTRATION

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P.O. Box 6457
Phoenix, AZ 85005

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- No I wish to remain on the mailing list for this project (*provide Name, below*)
- Yes No Please send me information by regular mail only (*provide Address, below*)
- Yes No Please send me information by email (*provide Email, below*)

YOUR COMMENTS: Please print clearly

| | |
|----|--|
| 1. | How close is the project to the Hopi Tribes Free Lands & trust lands? |
| 2. | W.A.P.A. gives a certain percentage to the Hopi Tribe from the hydro power. Will this percentage change dollar wise? |
| 3. | If impacts on cultural or historic resources are found affecting tribal values are found will the tribes in this case the Hopi Tribe be informed and get involved? |
| 4. | What happened to the Hopi Project with Forest? * |
| 5. | Are there any eagle nesting areas within the proposed wind park project area? |
| | |
| | |

Your Name: Werry R. Sekoyingtewa Sr. E-Mail: _____

Address P.O. Box 123, City Kykotsavoo, State AZ Zip 86039

Please provide your name and contact information if you wish to receive future information on this project



Grapevine Canyon Wind Project

WE WELCOME YOUR COMMENTS

WESTERN
AREA POWER
ADMINISTRATION

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Please provide your comments by August 28, 2009 to:

Mary Barger
Western Area Power Administration
National Environmental Policy Act (NEPA) Document Manager
P.O. Box 6457
Phoenix, AZ 85005

Please indicate how you would like to keep informed on this project. *Circle below*

- Yes No I wish to remain on the mailing list for this project (*provide Name, below*)
- Yes No Please send me information by regular mail only (*provide Address, below*)
- Yes No Please send me information by email (*provide Email, below*)

YOUR COMMENTS: Please print clearly

I am in favor of this project.

Would like an agreement to maintain the improved FS Road #126 between investors and Forest Service. Project workers will utilize the road, therefore they should share in maintenance expense.

Your Name: RANDY JAMES E-Mail: randy.james@nmpfn.com

Address 8350 N. REATA ROAD City FLAGSTAFF State AZ Zip 86001

Please provide your name and contact information if you wish to receive future information on this project



Grapevine Canyon Wind Project

WESTERN
AREA POWER
ADMINISTRATION

WE WELCOME YOUR COMMENTS

Your comments will help Western Area Power Administration define issues and alternatives for evaluation of the environmental impacts of the proposed project

Please provide your comments by August 28, 2009 to:

Mary Barger
Western Area Power Administration
National Environmental Policy Act (NEPA) Document Manager
P.O. Box 6457
Phoenix, AZ 85005

Please indicate how you would like to keep informed on this project. *Circle below*

- Yes No I wish to remain on the mailing list for this project (*provide Name, below*)
- Yes No Please send me information by regular mail only (*provide Address, below*)
- Yes No Please send me information by email (*provide Email, below*)

YOUR COMMENTS: Please print clearly

| |
|--|
| study migration/routes of travel for birds, especially in relation to Mormon Lake & Upper/Lower Lake Mary, also for wildlife/large animals |
| Ensure that turbines are built in the U.S. |
| |
| |
| |
| |
| |
| |
| |
| |
| |

Your Name: Carolyn Cooper E-Mail: c.elisecooper@gmail.com
 Address 50 E. Mohawk Dr. City Flagstaff State AZ Zip 86001

Please provide your name and contact information if you wish to receive future information on this project

Clark Bryner

From: Slick David P (Dave) [Dave.Slick@srpnet.com]
Sent: Monday, August 17, 2009 3:48 PM
To: GrapevineWindEIS@wapa.gov
Subject: Grapevine Canyon Wind Project EIS Process Comments

August 17, 2009

Ms. Mary Barger

NEPA Document Manager

Western Area Power Administration

Desert Southwest Region

Mary,

SRP offers the following comments about the Grapevine Canyon Wind Project for Western's consideration.

1. Within the socio-economic portion of the NEPA process as portrayed at the 8/11/09 public meeting, SRP believes that Western should evaluate the potential impacts of the proposed project on existing Western customers. SRP is hopeful that Western will specifically address:

a) How Western will ensure that there are no negative impacts resulting from the proposed project on:

- i. Colorado River Storage Project firm electric and/or transmission service deliveries to customers, and
- ii. The long-standing SRP - Western 2468 agreement;

b) Given the proponent's stated intent to sell energy from the facility to prospective non-preference customers, how Western will ensure that the utilization of Western's facilities for this purpose will not impact preference customers holding long term CRSP contracts that extend through the year 2024.

2. With respect to one of the sister agencies that you referred to during the 8/11/09 public scoping meeting, given the challenges that Bonneville Power Administration has encountered with respect to integrating wind resources in its northwest system, within the EIS, SRP suggests that Western address its plan for managing the control area and associated operational challenges that are inherent to dealing with intermittent resource integration.

It was a pleasure meeting you at the 8/11/09 open house. Thank you for the opportunity to comment on this activity. Please include SRP as a recipient of all future communications regarding this project.

Dave Slick

Manager of Strategic Projects

Energy Management & Information

9/1/2009

SRP

(602) 236-2082

From: grapevine_scoping_comment@wapa.gov
Sent: Wednesday, August 12, 2009 4:17 PM
To: GrapevinewindEIS@wapa.gov
Subject: Grapevine Canyon Scoping Comment Form

Issues, concerns or questions : The project area is rich in archaeological sites in general, and rock art (petroglyph) sites in particular. These cultural resources must be located, documented, and protected.

Mail list yes - E-mail : Yes, add me to the mailing list - e-mail

Name : Robert Mark, Ph.D.

Representing : Rupestrian CyberServices

Address : 3644 Stone Crest Street

City : Flagstaff

State : AZ

Zip Code : 86004

Fax : 928-526-3625

E-mail address : rmark@infomagic.net



Grapevine Canyon Wind Project

WE WELCOME YOUR COMMENTS

WESTERN
AREA POWER
ADMINISTRATION

Your comments will help Western Area Power Administration define issues and alternatives for evaluation of the environmental impacts of the proposed project

Please provide your comments by August 28, 2009 to:

Mary Barger
Western Area Power Administration
National Environmental Policy Act (NEPA) Document Manager
P.O. Box 6457
Phoenix, AZ 85005

Please indicate how you would like to keep informed on this project. *Circle below*

- | | | |
|-----|----|--|
| Yes | No | I wish to remain on the mailing list for this project (<i>provide Name, below</i>) |
| Yes | No | Please send me information by regular mail only (<i>provide Address, below</i>) |
| Yes | No | Please send me information by email (<i>provide Email, below</i>) |

YOUR COMMENTS: Please print clearly

RE: MAP GRID 18 N 10 E, 05-06,
 VERY FRAGILE AND SENSATIVE NATIVE SITE.
 I AM CONCERNED ABOUT TRUCK VIBRATION!
 I CAN SHOW YOU THIS SITE

Your Name: JAMES BAKER E-Mail: JAMEZ13@AOL.COM
 Address: 928-556-0326 City: FLAG STAFF State: _____ Zip: _____

Please provide your name and contact information if you wish to receive future information on this project



Grapevine Canyon Wind Project

WE WELCOME YOUR COMMENTS

WESTERN
AREA POWER
ADMINISTRATION

Your comments will help Western Area Power Administration define issues and alternatives for evaluation of the environmental impacts of the proposed project

Please provide your comments by August 28, 2009 to:

Mary Barger
Western Area Power Administration
National Environmental Policy Act (NEPA) Document Manager
P.O. Box 6457
Phoenix, AZ 85005

Please indicate how you would like to keep informed on this project. *Circle below*

- | | | |
|----------------------------------|-----------------------|---|
| Yes | No | I wish to remain on the mailing list for this project (provide Name, below) |
| <input checked="" type="radio"/> | <input type="radio"/> | Please send me information by regular mail only (provide Address, below) |
| <input type="radio"/> | <input type="radio"/> | Please send me information by email (provide Email, below) |

YOUR COMMENTS: Please print clearly

jbm.mullen@lotmail.com

Your project seems to have low impact on the desert scrub juniper environment. The late wind turbine development minimize impact on bird life. Additionally being in a partnership with the Metzger Flying M is good for the local economy.

Your Name: John B. Mullen E-Mail: _____

Address: HC 31 Box 12 City: Mormon Lake State: Ariz Zip: 86038

Please provide your name and contact information if you wish to receive future information on this project



Grapevine Canyon Wind Project

WE WELCOME YOUR COMMENTS

WESTERN
AREA POWER
ADMINISTRATION

Your comments will help Western Area Power Administration define issues and alternatives for evaluation of the environmental impacts of the proposed project

Please provide your comments by August 28, 2009 to:

Mary Barger
Western Area Power Administration
National Environmental Policy Act (NEPA) Document Manager
P.O. Box 6457
Phoenix, AZ 85005

Please indicate how you would like to keep informed on this project. Circle below

- Yes No I wish to remain on the mailing list for this project (provide Name, below)
- Yes No Please send me information by regular mail only (provide Address, below)
- Yes No Please send me information by email (provide Email, below)

YOUR COMMENTS: Please print clearly

I would like to not see the proposed area to some the same based on the wildlife impacted mainly the Elk and big game. I like the idea of being able to drive 45 min. to the proposed area and seeing the Elk and big game not being affected in any means. This area is where I hunt on daily basis. The new paved road will affect the game traveling habits, the increase of traffic and equipment will also make the game more to a less traveled area. I understand the need for the added power to Coconino area is need. If you proposed an already ~~area~~ developed area, where the game is not effective I would be all for it.

Your Name: Craig Higbee E-Mail: chigbee.x4x4@yahoo.com
 Address _____ City Flagstaff State AZ Zip 86001

Please provide your name and contact information if you wish to receive future information on this project



**SIERRA
CLUB**
FOUNDED 1892

Grand Canyon Chapter • 202 E. McDowell Rd, Ste 277 • Phoenix, AZ 85004
Phone: (602) 253-8633 Fax: (602) 258-6533 Email: grand.canyon.chapter@sierraclub.org

August 28, 2009

Mary Barger
Western Area Power Administration
PO Box 6457
Phoenix, AZ 85005
Submitted via email to GrapevineWindEIS@wapa.gov

Dear Ms. Barger:

Please accept these comments on the Grapevine Canyon Wind Project on behalf of the Sierra Club's Grand Canyon Chapter and our 12,000 members in Arizona.

The Sierra Club is America's oldest, largest and most influential grassroots environmental organization. Inspired by nature, the Sierra Club's more than 750,000 members – including 12,000 plus in Arizona as part of the Grand Canyon Chapter – work together to protect our communities and the planet. The Sierra Club has been involved for many years in working to protect Arizona's public lands, wildlife, air and water. The Sierra Club is also very interested and involved in promoting renewable energy and energy efficiency as a means to reduce greenhouse gas emissions and help limit global climate change. We strongly believe that properly sited renewable energy resources are part of the solution to this most challenging issue.

The National Environmental Policy Act (NEPA) mandates that the environmental impacts, including any cumulative impacts as well as direct and indirect impacts of the project be considered. To ensure that facilities are being properly sited, a number of issues need to be considered, including transmission and its impacts on the lands. Key considerations for this project should include minimizing disturbance to the land for both the turbines and the transmission line. For example, can the tie-line be sited along an existing road rather than creating new roads and new disturbance? What are the impacts to wildlife? Generally with wind projects, bat and bird species are of concern. How will this project affect them, and what will be done to minimize those impacts?

Arizona has 28 species of bats and at least some of those species inhabit the area of the proposed Grapevine Wind Project including pallid bats (*Antrozous pallidus*), big brown bats (*Eptesicus fuscus*), Allen's lappet-browed bats (*Idionycteris phyllotis*), and others. Allen's lappet-browed bat forms maternity colonies in ponderosa pine snags and the big brown bats can be found in ponderosa pine forests and piñon-juniper woodland. The NEPA analysis associated with this project should include consideration of the species of bats in the area and the potential impacts on those bats. Can impacts be mitigated and how? Studies of bat fatalities indicate that weather patterns affect them – most bats are killed on nights with lower wind speeds. More bats were killed before and after storm fronts passed through as well.¹

¹Arnett, Edward B., et al, January 2008. Patterns of Bat Fatalities at Wind Energy Facilities in North America, *Journal of Wildlife Management* 72(1):61-78. 2008

Regarding any transmission lines associated with the project, we ask that the line length be kept as short as possible to avoid disturbing larger areas and that the lines be designed in a manner to minimize impact on wildlife. In the NEPA process, burying the tie-in lines and restoring the disturbed area with native vegetation should be considered.

The installation should be designed to discourage birds from landing on the towers and all other structures. Birds and bats have had major conflicts with some earlier wind projects. To what degree can these problems be solved or mitigated with new designs? Please evaluate this in the National Environmental Policy Act process for this project.

Visual impacts are also a consideration. How will this project affect the viewshed? The impact could be reduced by burying the tie-in line. Can the structures and visible mechanisms be painted to minimize impact on the viewshed? Any aircraft warning lights should be no more intrusive to the surrounding night time viewshed than is actually necessary – no strobe lights should be allowed.

What are the noise impacts of the wind turbines and how will those impacts be mitigated? Outdoor recreation, particularly quiet recreation, is the major attraction for many National Forest visitors. People visit our national forests to relax, view wildlife, hike, walk, and camp. These wind turbines generate noise in frequencies from 20 – 3,600 Hz. The frequencies vary with the speed of wind, the pitch and speed of the blades. How noticeable or annoying the wind turbine noise will be depends on the level of ambient noise.² The noise of the turbines relative to the ambient noise levels should be addressed in NEPA process.

What will be the impacts of construction? This site does not appear to be easily accessible to the heavy equipment necessary for construction and maintenance. There is also the issue of hauling the towers and the turbines to the site. Wind requires many gravel roads for construction and placement of the towers – these roads should be fully decommissioned and restored to natural conditions, at least on any state or public lands involved in the project. The road system should be capable of reclamation and rehabilitation, and all roads not essential for routine maintenance should be recontoured and revegetated with native seeds/plants of species that are endemic to the area. Care should be taken not to promote the spread of invasive non-native plant species by ensuring that disturbed areas are revegetated and that any equipment used is cleaned thoroughly before and after entering the area.

Again, we want to reiterate our support for clean renewable energy sources such as wind. We do think it is critical that these facilities be properly sited and conflicts with wildlife and overall environmental impacts minimized and mitigated, where possible.

Thank you for considering our comments.

Sincerely,



Sandy Bahr
Chapter Director
Sierra Club – Grand Canyon Chapter

² Alberts, Daniel J., *Addressing Wind Turbine Noise*, Revised October 2006.
Printed on Recycled Paper

**IRRIGATION & ELECTRICAL DISTRICTS
ASSOCIATION OF ARIZONA**

R. GALE PEARCE
PRESIDENT

R.D. JUSTICE
VICE-PRESIDENT

SUITE 140
340 E. PALM LANE
PHOENIX, ARIZONA 85004-4603
(602) 254-5908
Fax (602) 257-9542
E-mail: rslynch@rslynchaty.com

ELSTON GRUBAUGH
SECRETARY-TREASURER

ROBERT S. LYNCH
ASSISTANT SECRETARY-TREASURER

E-MAILED ONLY
(GrapevineWindEIS@wapa.gov)

August 25, 2009

Mary Barger
Western Area Power Administration
P.O. Box 6457
Phoenix, Arizona 85005

Re: Scoping comments on the Grapevine Canyon Wind Project

Dear Ms. Barger:

Your colleague, David Shelton, has opined to Leslie James of the Colorado River Energy Distributors Association that the current scoping phase is for an interconnection process only and separate from a transmission service process. His e-mail acknowledges that it is the intent of the Wind Project to market to third parties and not to Western. Thus, transmission service will be absolutely necessary for the success of the project. Under these circumstances, bifurcating the interconnection process and the transmission service process is not warranted and is in fact illegal. At the very least, the Environmental Impact Statement must account for the cumulative impacts of the proposal and that would obviously include transmission service. Moreover, the applicant is required to pay for a study of available transfer capability. It is our information that the Glen Canyon to Pinnacle Peak line is already a constrained path. Thus, it is vital that this study be done at this stage in order to properly assess the impacts on Western and its facilities as well as the impacts on its customers whose CRSP deliveries depend on transfer capability on this line. In short, the transmission service process cannot be bifurcated and any attempt to do so is in violation of NEPA and contrary to FERC Orders 888 and 889 which Western has agreed to abide by.

Thank you for the opportunity to comment on this important proposal.

Sincerely,

/s/

Robert S. Lynch
Counsel and Assistant Secretary/Treasurer

RSL:psr
cc: Leslie James, Executive Director, CREDA
IEDA Presidents/Chairmen and Managers



CREDA
Colorado River Energy Distributors Association

ARIZONA

Arizona Municipal Power Users Association

Arizona Power Authority

Arizona Power Pooling Association

Irrigation and Electrical Districts
Association

Navajo Tribal Utility Authority
(also New Mexico, Utah)

Salt River Project

COLORADO

Colorado Springs Utilities

Intermountain Rural Electric Association

Platte River Power Authority

Tri-State Generation & Transmission
Association, Inc.
(also Nebraska, Wyoming, New Mexico)

Yampa Valley Electric
Association, Inc.

NEVADA

Colorado River Commission
of Nevada

Silver State Energy Association

NEW MEXICO

Farmington Electric Utility System

Los Alamos County

City of Truth or Consequences

UTAH

City of Provo

City of St. George

South Utah Valley Electric Service District

Utah Associated Municipal Power Systems

Utah Municipal Power Agency

WYOMING

Wyoming Municipal Power Agency

Leslie James

Executive Director

CREDA

4625 S. Wendler Drive, Suite 111
Tempe, Arizona 85282

Phone: 602-748-1344

Fax: 602-748-1345

Cellular: 602-469-4046

Email: creda@qwest.net

Website: www.creda.org

August 27, 2009

Mary Barger

Western Area Power Administration

Mail: P.O. Box 6457, Phoenix, AZ. 85005

Telephone: 602-605-2524

Fax: 602-605-2630

E-mail: GrapevineWindEIS@wapa.gov

RE: Scoping Comments – Grapevine Canyon Wind Project

Dear Ms. Barger:

In response to Western Area Power Administration's (Western) Notice of Intent to Conduct an Environmental Impact Statement, published in the Federal Register July 24, 2009 (Vol. 74, No. 141), the Colorado River Energy Distributors Association (CREDA), offers the following comments.

CREDA's members include the majority of firm electric service customers of the Colorado River Storage Project (CRSP), which have entered into long-term contracts (2024) for the delivery of resources from the CRSP. The proposed Grapevine Project is anticipated to interconnect a new 345 kV transmission line and new switchyard with the Glen Canyon-Pinnacle Peak transmission line, which is a key element of the CRSP power and transmission delivery system. As part of Western's socio-economic evaluation of this proposal, it should evaluate the potential impacts on Western's current firm electric and transmission service customers, from operational and rates perspectives. Analysis of specific cost allocation and cost responsibility methodologies should be employed.

The project proponent indicated at the scoping meeting that it anticipates selling the project's expected 500 MW of output to local and regional entities. Western's analysis should include how the addition of this resource will affect system reliability and operational impacts, including control area and other issues associated with the integration of an intermittent resource, on an already constrained transmission path.

Please include CREDA in any future distribution of materials and information on this proposed project.

Sincerely,

/s/ Leslie James

Leslie James
Executive Director

Cc: CREDA Board

Clark Bryner

From: grapevine_scoping_comment@wapa.gov
Sent: Friday, August 28, 2009 3:43 PM
To: GrapevineWindEIS@wapa.gov
Subject: Grapevine Canyon Scoping Comment Form

Issues, concerns or questions : I am concerned about how this would affect the antelope, deer and elk populations and migration and birthing in this area. would there be any closed hunting areas? how will the improved road and powerline affect the wildlife. I feel the area on the other side of grapevine canyon should not be considered as it is to remote. I feel the wildlife and hunting will suffer because of the environment of this area

Mail list yes - Regular mail : Yes, add me to the mailing list - regular mail

Mail list yes - E-mail : Yes, add me to the mailing list - e-mail

Name : BRENT HULLS

Representing :

Address :

City :

State :

Zip Code :

Fax :

E-mail address :

Clark Bryner

From: grapevine_scoping_comment@wapa.gov
Sent: Friday, August 28, 2009 3:44 PM
To: GrapevineWindEIS@wapa.gov
Subject: Grapevine Canyon Scoping Comment Form

Issues, concerns or questions : I am concerned about how this would affect the antelope, deer and elk populations and migration and birthing in this area. would there be any closed hunting areas? how will the improved road and powerline affect the wildlife. I feel the area on the other side of grapevine canyon should not be considered as it is too remote. I feel the wildlife and hunting will suffer because of the environment of this area

Mail list yes - Regular mail : Yes, add me to the mailing list - regular mail

Mail list yes - E-mail : Yes, add me to the mailing list - e-mail

Name : BRENT HULLS

Representing :

Address : 8080 N. COLT DR

City : FLAGSTAFF

State : AZ

Zip Code : 86001

Fax : 928 774 1315

E-mail address : BCHULLS@gmail.com



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Post Office Box 1306

Albuquerque, N.M. 87103

August 28, 2009

In Reply Refer To:
R2/MBO

Ms. Mary Barger
NEPA Document Manager
Western Area Power Administration
Desert Southwest Region
P.O. Box 6457
615 S. 43rd Avenue
Phoenix, Arizona 85005

Dear Ms. Barger:

This letter constitutes our response from the U.S. Fish and Wildlife Service's Migratory Bird Office, Region 2, on the "Notice of Intent to Prepare an Environmental Impact Statement / Environmental Impact Report and Conduct Scoping Meetings; Notice of Floodplain and Wetlands Involvement" which was published in the Federal Register on July 24, 2009. We offer the following preliminary comments and look forward to further reviewing the EIS once it becomes available.

Descriptions of the actual boundaries of the project are vague in the Notice of Intent (NOI) so it is not possible to know at this time the specific range of habitats that will be impacted by development of the 55-square-mile Grapevine Canyon Wind Project in this part of Arizona. A few issues, however, are immediately apparent from our perspective. Please consider the following concerns when preparing the Environmental Impact Statement.

First, be advised that nearly all native species of birds in the United States are Federally protected by the Migratory Bird Treaty Act (MBTA) (16 U.S.C. 703-712). Under this Act it is unlawful to "pursue, hunt, take, capture, kill, attempt to take, capture, or kill, possess... any migratory bird, any part, nest, or egg of any such bird..." of the species protected under the Act, unless such take is authorized by permit. A list of protected species may be found at Title 50, Code of Federal Regulations, Part 10. There is no permit available under the MBTA that authorizes incidental take of migratory birds, so it will be in the interest of Foresight Flying M, LLC to take steps to avoid take of migratory birds as much as possible.

In order to avoid violations of the MBTA through destruction of active bird nests, habitat clearing for this project should occur outside the local avian nesting season. In this region the months September through March would constitute the non-breeding season for most species, although even in those months some nesting may occur. Once the specific region for the project is identified, this office (also Arizona Department of Game and Fish) will be able to identify potential nesting species during the "non-breeding" months.

An inventory of active raptor nests should be completed before construction begins to determine their locations and if there are any Golden Eagle territories in the vicinity. Golden Eagles nest throughout this region wherever there are suitable cliffs and an appropriate food supply, thus it is likely that there will be some nesting pairs either within or adjacent to the project area. Destruction of or causing abandonment of a Golden Eagle nest would constitute a violation of the Bald and Golden Eagle Protection Act (16 U.S.C. 668-668d).

In addition to eagles, other species of raptors that may nest in or near the project area include Red-tailed, Ferruginous, and Swainson's hawks, Great Horned, Barn, and Burrowing owls, and possibly Peregrine and Prairie falcons. Turbine placement should take into account nest locations and movement patterns of these species (particularly the eagles and falcons) and avoid those areas as much as possible. Further, eagle and other raptor movements through this region during spring and fall migrations are not well known; these should be monitored through each of those seasons during the pre-construction phase to identify concentration corridors that should potentially be avoided.

A thorough understanding of the status and distribution of all birds of conservation concern found in the project area will help to reduce impacts to declining species during the habitat-altering activities. This should include those species identified as conservation priorities in the USFWS 2008 list of Birds of Conservation Concern (<http://www.fws.gov/migratorybirds>), the Partners in Flight Species Assessments for that region (<http://www.rmbo.org/pif/pifdb.html>), and the Arizona State Wildlife Action Plan (http://www.azgfd.gov/w_c/cwcs.shtml). One of these species of concern is the Gray Vireo, which is a specialist of the habitats described in the NOI for the project area (pinyon-juniper and associated brushlands). Impacts to this species in particular should be addressed prior to construction and Gray Vireo locations avoided if possible.

Because bats are also an issue with wind energy facilities, seasonal and annual occurrence of bats, locations of hibernacula, breeding colonies, and roosts should be thoroughly assessed as well as locations of predictable flight lines. These assessments should include migratory bats such as those in the Lasiurine group (e.g. hoary bat, silver-haired bat), which have been shown to be particularly vulnerable to blade strikes.

Finally, wind turbine placement and FAA-required lighting should follow the FWS guidelines available, respectively, at: http://www.fws.gov/habitatconservation/windpower/wind_turbine_advisory_committee.html and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>. Although these guidelines are considered voluntary, it is important to keep these in mind to minimize impacts to birds at these facilities.

Thank you for the opportunity to comment. If you have any questions please contact me at 505-248-6875 or by e-mail at Bill_Howe@fws.gov.

Sincerely,

William H. Howe

Coordinator, Nongame Bird Program



THE STATE OF ARIZONA
GAME AND FISH DEPARTMENT

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August 28, 2009

Mary Barger
Western Area Power Administration
P.O. Box 6457
Phoenix, AZ 85005

RE: Grapevine Wind Interconnection

Dear Ms. Barger,

The Arizona Game and Fish Department (Department) appreciates the opportunity to comment on the proposed Grapevine Interconnection Project which includes proposed power lines, road improvements, and Grapevine Wind Park. The Department generally supports the development of wind energy as a viable source of clean and renewable energy. We believe with proper site placement and safeguards, the benefits of utilizing wind energy outweigh the potential for negative effects to wildlife populations. While we believe that wind can be a viable option for energy, we are concerned that specific sites may have an increased potential for negative impacts to certain breeding, migratory, and wintering species. To address these concerns and to facilitate working relationships with project partners, the Department has created Wind Energy Guidelines entitled *Guidelines for Reducing Impacts to Wildlife from Wind Energy Development in Arizona*. These guidelines can be found on our website at <http://www.azgfd.gov/hgis/guidelines.aspx>. Below are the Department's comments as they relate to our history with the Grapevine project, and our thoughts on how the Department might engage with Western Area Power Administration on this project in the future. It is our hope that these comments will help you in the environmental analysis process, and provide the framework for field discussions with your planning team.

Our Department has been engaged on the Grapevine energy project, and associated personnel for several years. We have met with Foresight and West, Inc. many times to discuss potential wildlife issues and commented and reviewed their Final Report for Phase 1 of the project. West's report and data collection for Phase 1 was completed prior to the finalization of the Department's Wind Energy Guidelines; therefore we look forward to meeting with Western Energy Power and Foresight to discuss how best our *Guidelines* can help facilitate avoiding impacts to wildlife. The Department foresees a potential first meeting as a discussion of which Category (see page 18 of the Guidelines) the Grapevine Project may fit into, and how that Category may dictate pre- and post construction monitoring. Additionally, the Department would like to discuss further pre-construction data collection specifically as it relates to Phase 2, which currently has not been monitored for potential wildlife impacts.

As with any wind project, the Department has concerns initially about met tower construction. We are aware that the Grapevine Project has several met towers constructed within the footprint of the project already, however, we invite Western Area Power to review the section in our guidance related to met tower construction and safety to aircraft pilots. Bulleted recommendations within the guidelines (Pg. 15) are as follows:

- AGFD requests all *permanent* met towers be unguyed, free standing structures. If possible, AGFD also requests temporary met towers be unguyed, free standing structures.
- If guy wires are present, AGFD recommends the applicant attach Bird Flight Diverters (BFDs) **at 10-meter intervals along the length of each guy wire** (Note: There are several manufacturers of BFDs: TYCO, Preformed Line Products, Dulmison, etc.). Research shows the attachment of BFDs can reduce bird collisions by as much as 86-89% (Pope et al., 2006. http://www.chelanpud.org/documents/Burch_Final_Report_V1.pdf).
- AGFD recommends all temporary towers are only on site for the minimum amount of time needed to monitor the wind resource. If towers are on site for more than 1 year, AGFD recommends carcass searches be implemented, especially during the bird migration period (see Chapter 5, Post-construction Monitoring and Reporting).
- If a temporary tower is going to become a permanent structure for the life of the project, AGFD recommends the tower(s) be included as part of the longer term (pre-construction and post-construction) monitoring program.
- AGFD recommends the applicant place acoustic monitoring stations on met towers in the proposed project area (**Note:** This will help collect bat activity information needed for pre-construction analysis). An acoustic monitoring station is defined as two AnaBat detectors, one at “ground level” (approximately 1.5 meters above ground) and the other with an elevated microphone, ideally within the future rotor swept zone, but not less than 30 meters high. Reynolds (2006) and Lausen (2006) provide detailed guidelines for detector deployment and operation. Rainey et al. (2006) provides an in depth discussion of acoustic monitoring systems. Acoustic monitoring should be intensified during bat migration periods (August 16 – October 31). Acoustic data collection objectives should strive to collect as much acoustic information as is feasible across seasons with an emphasis on migration periods.
- Work with AGFD to determine the number of acoustic monitoring stations needed to adequately cover the project area. The number of acoustic stations will depend on project footprint and habitat complexity.
- When siting met towers, avoid habitat features that congregate wildlife such as water resources, habitat edges, etc.

AGFD Personnel Safety

- Low-level aerial flights can occur outside routine wildlife survey routes. GPS locations of all towers need to be provided to AGFD prior to construction to allow survey aircraft to avoid the towers. In addition, AGFD requests project proponents notify the Department when met towers are removed.
- For all monopole towers ≥ 50 feet tall, paint the top 30 feet of the tower in alternate orange and white paint. This does not apply to lattice towers or lit towers, both of which are more visible than monopoles.
- Low-level aerial flights can occur outside routine wildlife survey routes. Because it is known that dangerous incidents can occur between towers and aircraft, GPS locations of all towers need to be provided to the Department prior to construction.
- For all monopole towers ≥ 50 feet tall, paint the top 30 feet of the tower in alternate orange and white paint. This does not apply to lattice towers or lit towers, both of which are more visible than monopoles.

The Department has attached two wildlife lists to consider during the analysis of effects from this project. The special status species list was obtained during review of Phase 1 and 2 of the Grapevine project from the Heritage Data Management System (HDMS). Because this list may be outdated, the Department recommends contacting our Phoenix Program Evaluation Program (pep@azgfd.gov) office to obtain any additional species information that may have been reported recently. Although only federally listed species and state species of concern are identified within HDMS system, species protected by other federal and state laws are applicable and need to be considered in project planning. Therefore, we are also providing a list from the Arizona Breeding Bird Atlas (ABBA) which identifies bird species in the area during their respective breeding seasons.

The Department thanks you for the opportunity provide comments on the Grapevine interconnection project. We would like to meet with you and your staff soon, as this project progresses through the NEPA process. Lastly, the Department also encourages Western Area Power to contact the USFWS Ecological Services in Flagstaff for wildlife issues that pertain to Threatened and Endangered Species. If you have any questions or would like to discuss any of our comments further please do not hesitate to contact Andi Rogers, Habitat Specialist, at 928-214-1251 or arogers@azgfd.gov.

Sincerely,

Andi Rogers

cc: Laura Canaca, Project Evaluation Program Supervisor, Habitat Branch
Ginger Ritter, Project Evaluation Program Specialist, Habitat Branch
Sarah Reif, Habitat Program Manager, Region II
Mike Chavez, Deputy District Ranger, Peaks and Mormon Lake Districts
Shaula Hedwall, Ecological Services, USFWS

Special Status Species within 5 Miles of Grapevine Wind Project

| NAME | COMMON NAME | ESA | USFS | BLM | STATE |
|--|--------------|-----|------|-----|-------|
| <i>Aquila chrysaetos</i> | Golden Eagle | | | | |
| <i>Haliaeetus leucocephalus (wintering pop.)</i> | Bald Eagle | SC | S | | WSC |

AGFD #M09-01074654. Proposed Meteorological Towers and Wind Facility. ASLD #23-112027-17-002.

Arizona Game and Fish Department, Heritage Data Management System, January 27, 2009.
Project Evaluation Program.

Arizona Breeding Bird Atlas
Species observed within 5 Miles of Grapevine Wind Project

| NAME | COMMON NAME | ESA | USFS | BLM | STATE |
|----------------------------------|-----------------------------|-----|------|-----|-------|
| <i>Corvus brachyrhynchos</i> | American crow | | | | |
| <i>Falco sparverius</i> | American kestrel | | | | |
| <i>Turdus migratorius</i> | American robin | | | | |
| <i>Falco peregrinus anatum</i> | American peregrine falcon | SC | S | | WSC |
| <i>Myiarchus cinerascens</i> | Ash-throated flycatcher | | | | |
| <i>Haliaeetus leucocephalus</i> | Bald eagle | SC | S | | WSC |
| <i>Thyromanes bewickii</i> | Bewick's wren | | | | |
| <i>Archilochus alexandri</i> | Black-chinned hummingbird | | | | |
| <i>Nycticorax nycticorax</i> | Black-crowned night-heron | | | | |
| <i>Pheucticus melanocephalus</i> | Black-headed grosbeak | | | | |
| <i>Dendroica nigrescens</i> | Black-throated gray warbler | | | | |
| <i>Amphispiza bilineata</i> | Black-throated sparrow | | | | |
| <i>Polioptila caerulea</i> | Blue-gray gnatcatcher | | | | |
| <i>Euphagus cyanocephalus</i> | Brewer's blackbird | | | | |
| <i>Selasphorus platycercus</i> | Broad-tailed hummingbird | | | | |
| <i>Certhia americana</i> | Brown creeper | | | | |
| <i>Molothrus ater</i> | Brown-headed cowbird | | | | |
| <i>Icterus bullockii</i> | Bullock's oriole | | | | |
| <i>Psaltriparus minimus</i> | Bushtit | | | | |
| <i>Catherpes mexicanus</i> | Canyon wren | | | | |
| <i>Tyrannus vociferans</i> | Cassin's kingbird | | | | |
| <i>Spizella passerina</i> | Chipping sparrow | | | | |
| <i>Petrochelidon pyrrhonota</i> | Cliff swallow | | | | |
| <i>Chordeiles minor</i> | Common nighthawk | | | | |
| <i>Phalaenoptilus nuttallii</i> | Common poorwill | | | | |
| <i>Corvus corax</i> | Common raven | | | | |
| <i>Accipiter cooperii</i> | Cooper's hawk | | | | |
| <i>Empidonax occidentalis</i> | Cordilleran flycatcher | | | | |
| <i>Phalacrocorax auritus</i> | Double-crested comorant | | | | |
| <i>Sturnus vulgaris</i> | European starling | | | | |
| <i>Buteo regalis</i> | Ferruginous hawk | SC | | | WSC |
| <i>Anas strepera</i> | Gadwall | | | | |
| <i>Empidonax wrightii</i> | Gray flycatcher | | | | |
| <i>Vireo vicinior</i> | Gray vireo | | | | |
| <i>Ardea herodias</i> | Great blue heron | | | | |
| <i>Bubo virginianus</i> | Great horned owl | | | | |
| <i>Pipilo chlorurus</i> | Green-tailed towhee | | | | |
| <i>Picoides villosus</i> | Hairy woodpecker | | | | |
| <i>Piranga flava</i> | Hepatic tanager | | | | |
| <i>Eremophila alpestris</i> | Horned lark | | | | |
| <i>Carpodacus mexicanus</i> | House finch | | | | |
| <i>Troglodytes aedon</i> | House wren | | | | |
| <i>Baeolophus ridgwayi</i> | Juniper titmouse | | | | |
| <i>Charadrius vociferus</i> | Killdeer | | | | |
| <i>Chondestes grammacus</i> | Lark sparrow | | | | |
| <i>Lanius ludovicianus</i> | Loggerhead shrike | SC | | S | |
| <i>Sialia currucoides</i> | Mountain bluebird | | | | |

| NAME | COMMON NAME | ESA | USFS | BLM | STATE |
|-----------------------------------|-------------------------------|-----|------|-----|-------|
| <i>Anas platyrhynchos</i> | Mallard | | | | |
| <i>Sialia currucoides</i> | Mountain bluebird | | | | |
| <i>Poecile gambeli</i> | Mountain chickadee | | | | |
| <i>Zenaida macroura</i> | Mourning dove | | | | |
| <i>Colaptes auratus</i> | Northern flicker | | | | |
| <i>Mimus polyglottos</i> | Northern mockingbird | | | | |
| <i>Anas acuta</i> | Northern pintail | | | | |
| <i>Stelgidopteryx serripennis</i> | Northern rough-winged swallow | | | | |
| <i>Contopus cooperi</i> | Olive-sided flycatcher | SC | | | |
| <i>Phainopepla nitens</i> | Phainopepla | | | | |
| <i>Gymnorhinus cyanocephalus</i> | Pinyon jay | | | | |
| <i>Vireo plumbeus</i> | Plumbeous vireo | | | | |
| <i>Buteo jamaicensis</i> | Red-tailed hawk | | | | |
| <i>Salpinctes obsoletus</i> | Rock wren | | | | |
| <i>Regulus calendula</i> | Ruby-crowned kinglet | | | | |
| <i>Sayornis saya</i> | Say's phoebe | | | | |
| <i>Icterus parisorum</i> | Scott's oriole | | | | |
| <i>Actitis macularia</i> | Spotted sandpiper | | | | |
| <i>Pipilo maculatus</i> | Spotted towhee | | | | |
| <i>Cyanocitta stelleri</i> | Stellar's jay | | | | |
| <i>Cathartes aura</i> | Turkey vulture | | | | |
| <i>Tachycineta thalassina</i> | Violet-green swallow | | | | |
| <i>Vermivora virginiae</i> | Virginia's warbler | | | | |
| <i>Vireo gilvus</i> | Warbling vireo | | | | |
| <i>Sturnella neglecta</i> | Western meadowlark | | | | |
| <i>Otus kennicottii</i> | Western screech-owl | | | | |
| <i>Aphelocoma californica</i> | Western scrub-jay | | | | |
| <i>Piranga ludoviciana</i> | Western tanager | | | | |
| <i>Contopus sordidulus</i> | Western wood-pewee | | | | |
| <i>Sitta carolinensis</i> | White-breasted nuthatch | | | | |
| <i>Aeronautes saxatalis</i> | White-throated swift | | | | |
| <i>Wilsonia pusilla</i> | Wilson's warbler | | | | |
| <i>Dendroica petechia</i> | Yellow warbler | | | | |
| <i>Icteria virens</i> | Yellow-brested chat | | | | |

No Critical Habitats in project area. AGFD #M09-01074654. Proposed Construction, Maintenance, and Operation of a Wind Energy Generation Facility.

Arizona Game and Fish Department, Arizona Breeding Bird Atlas, January 30, 2009.
Project Evaluation Program.