

# Welcome

Mohave County Wind Farm Project

## Scoping Meetings

### December 2009



Kingman Field Office / Arizona

## Roles and Responsibilities

### Bureau of Land Management (BLM)

- Preparing the Environmental Impact Statement to comply with the National Environmental Policy Act (as the lead federal agency)
- Issuing the right-of-way grant authorizing the project (if approved)

### BP Wind Energy

- Developing, constructing, operating, and decommissioning the project (as the project proponent)

### Cooperating Agencies and Tribes

- Providing information for environmental analyses based on special expertise or jurisdiction by law

### URS

- Assisting BLM with preparation of the EIS (as the third-party NEPA contractor)

### Public

- Identifying issues, concerns, and input about the study area

# Project Features



**Phase 1: Up to 235 turbines  
350 megawatts**

**Subsequent Phases: 50 to 100  
turbines up to 150 megawatts**



(Showing construction phase)

**Underground 34.5 kilovolt (kV)  
collection system between  
turbines**



**345kV or 500kV Substation**



**345kV or 500kV transmission  
line to connect into the existing  
transmission lines**

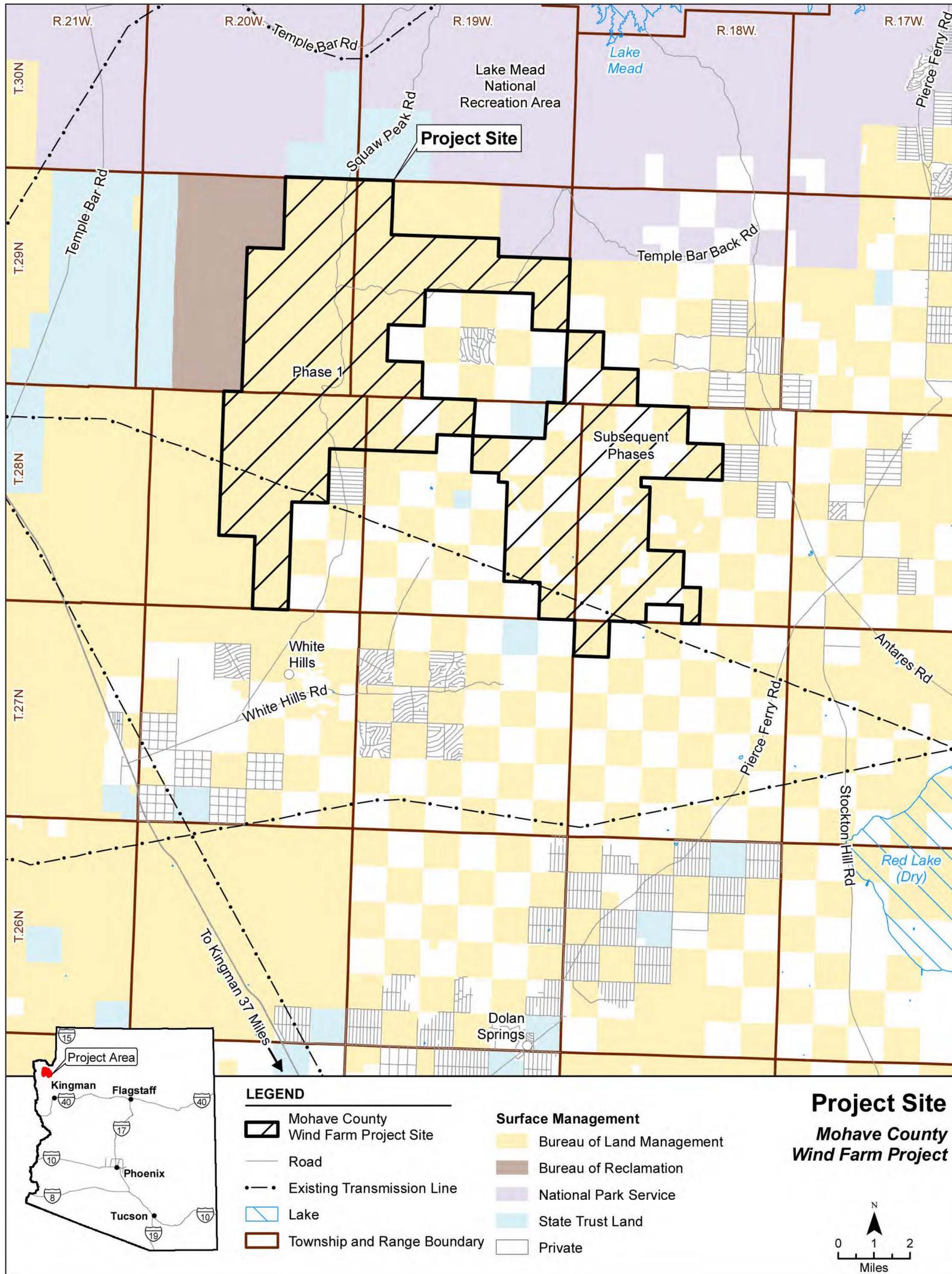


**Access roads**



**Operation and maintenance  
building and layout yard**

# Project Location Map



# Typical Wind Turbine Construction Process



Pumping Base Concrete

Backfilling Foundation



Turbine Delivery



Off-loading Turbine Parts



# Typical Wind Turbine Construction Process



Setting Tower Sections

Lifting Nacelle



Assembling Rotor



Hanging the Rotor



Completed Tower

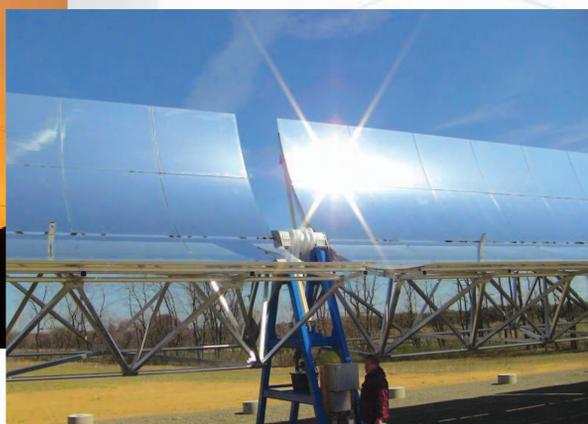
## Project Purpose and Need

### Purpose

- Evaluate and respond to application for right-of-way to construct and operate a wind farm project on federal land
- Provide use of federal lands to help create an economically viable source of clean renewable electricity

### Need

- Support the National Energy Policy to increase renewable energy production by 10,000 megawatts by the year 2015
- Support the need for additional energy supply
- Support BLM's commitment to promote the use of public lands for renewable energy development



## National Environmental Policy Act Process

- Scoping: a process that helps identify the significant issues related to a proposed project
- The scoping period for the Mohave County Wind Farm Project will be from November 20, 2009 through January 8, 2010
- Public comments will be accepted throughout the NEPA process



# Environmental Impact Statement (EIS) Studies

The EIS process includes analysis of potential impacts on the environment and ways to mitigate, or reduce, these impacts. Topics to be addressed in the EIS include:



Land Use



Geology/  
Soils



Social and  
Economic Conditions/  
Environmental  
Justice



Water



Vegetation



Visual  
Characteristics



Wildlife



Noise



Bats and Birds



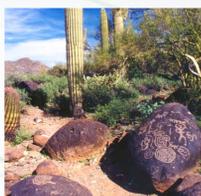
Recreation



Protected Species



Interference with  
Communication  
Signals



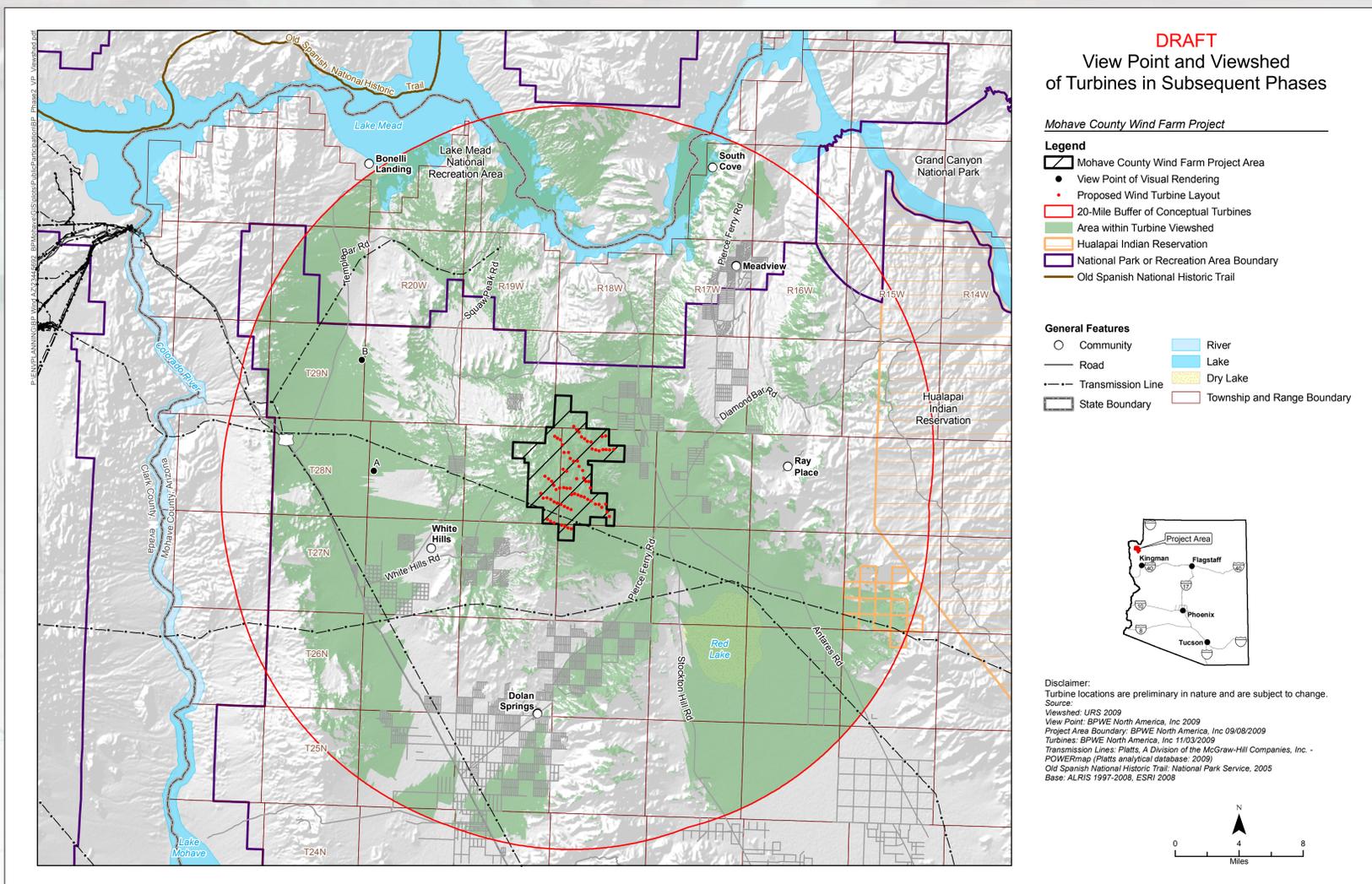
Prehistoric and  
Historic Sites and  
Traditional  
Cultural  
Resources



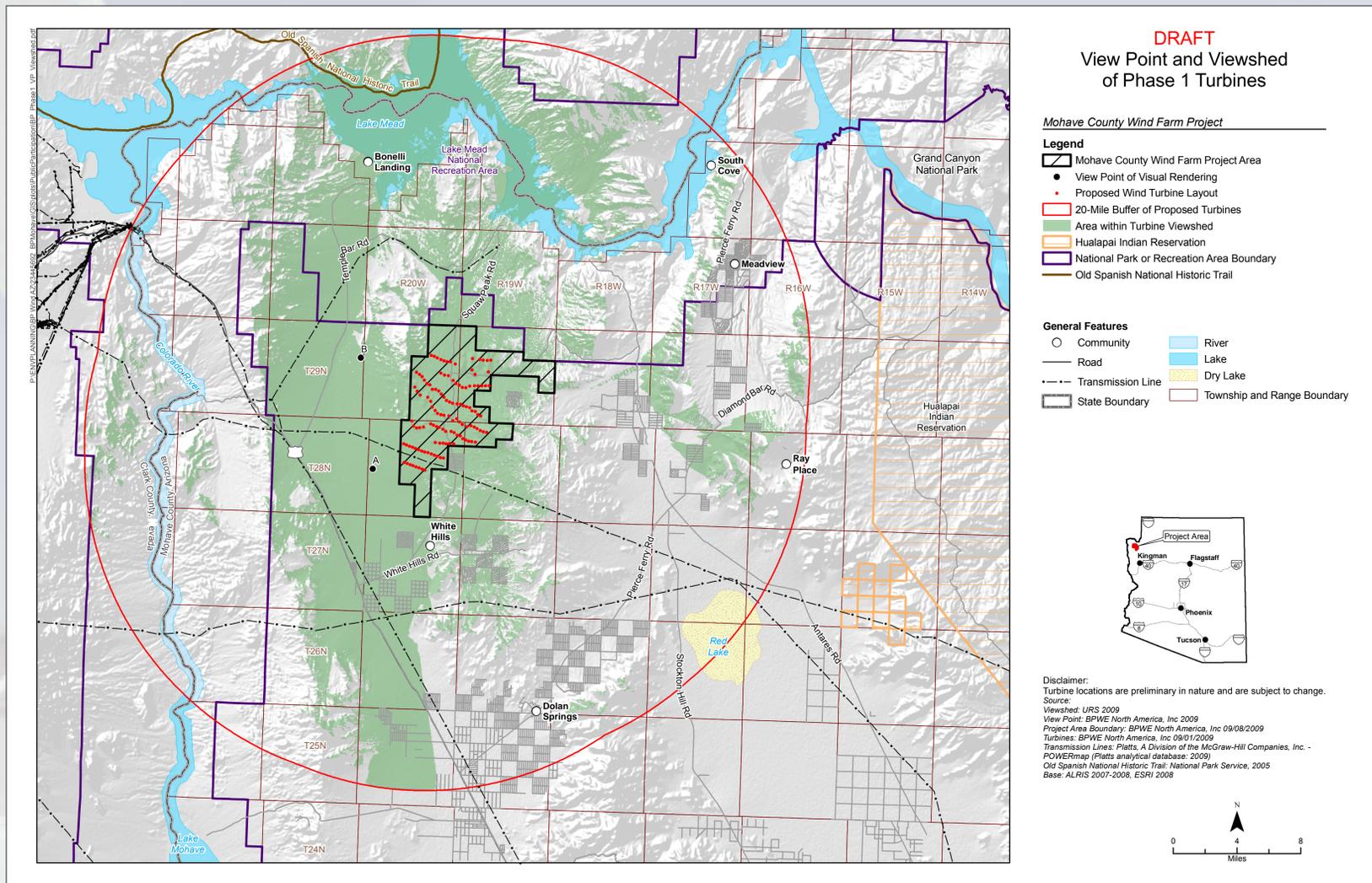
Air Quality

## Viewshed Analysis

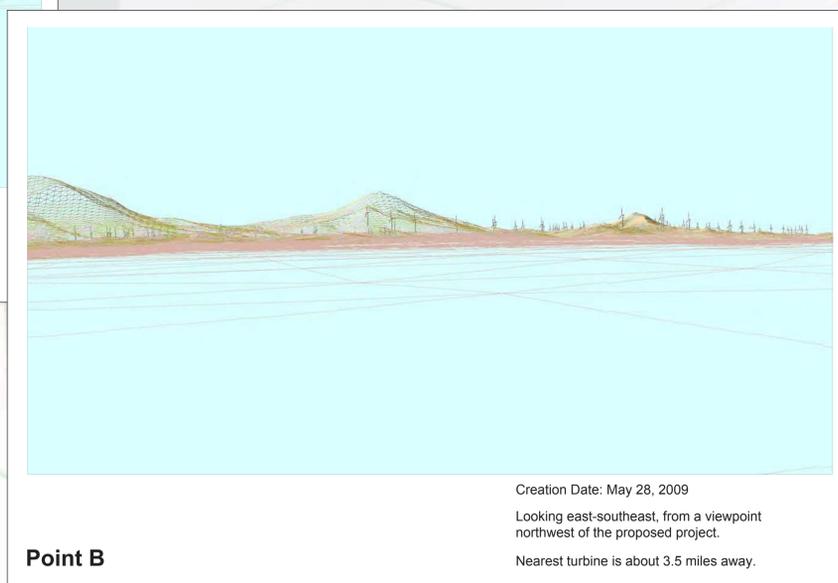
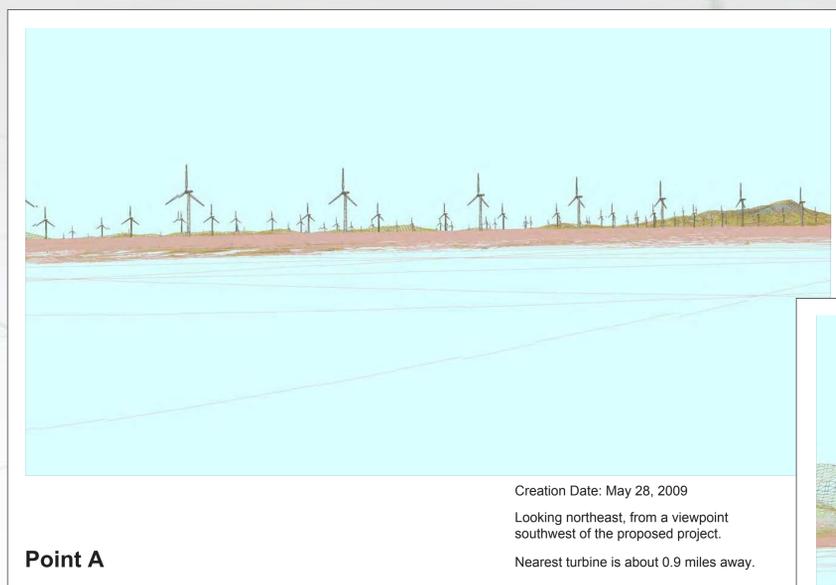
- 20-mile buffer extends to the seldom-seen views
- Viewshed analysis is based on planned turbine height and surrounding terrain elevation, which may block views of turbines
- Green coverage shows areas in which some portion of the proposed project would likely be visible



## Viewshed Analysis



## Conceptual Visual Renderings



Note: Renderings represent views from points A and B shown on the map of the Phase 1 area.