



# Sundance to Pinal South 230kV Transmission Project

August 2007 • Issue 1

## APS Proposes New Transmission Facilities

APS proposes to build a new double-circuit 230 kilovolt (kV) transmission power line between the existing Sundance Generating Station and the future Pinal South Substation, both located in unincorporated Pinal County. The new power line will supply bulk power generated at the Sundance facility to the regional electrical system at times when additional capacity is needed to meet demand.

The Sundance Generating Station is a "peaking plant," which means the facility only generates power when system conditions require additional electricity be available, most commonly during the summer months. This project will allow APS to deliver or "schedule" the full output of the plant both now and in the future should additional generation units be developed at the Sundance facility. This will also relieve constraints associated with the existing transmission lines originating at Sundance. Furthermore, the project will also increase local capacity, which will improve the reliability and continuity of service for the electrical load in the area.

## Project Description

The proposed Sundance to Pinal South 230kV transmission line will be approximately 5 to 7 miles in length and will be constructed on steel monopoles, typically between 130 to 150 feet high. The project will originate at the existing Sundance Generating Station and terminate at the future Pinal South Substation, located along Eleven Mile Corner Road, south of Florence Boulevard (State Route 287). A map illustrating the project study area is provided inside.

A right-of-way of 100 to 130 feet in width will be acquired in advance of construction, which is anticipated to begin in 2009. The planned in-service date of the transmission line is Summer of 2011.

## State Siting Process

In accordance with Arizona Revised Statute (ARS § 40-360), APS is required to obtain approval from the Arizona Corporation Commission (ACC) prior to constructing any new high voltage power line over 115kV. In compliance with those regulations, APS will prepare an application for a Certificate of Environmental Compatibility (CEC) for the project. Once the siting process and public outreach

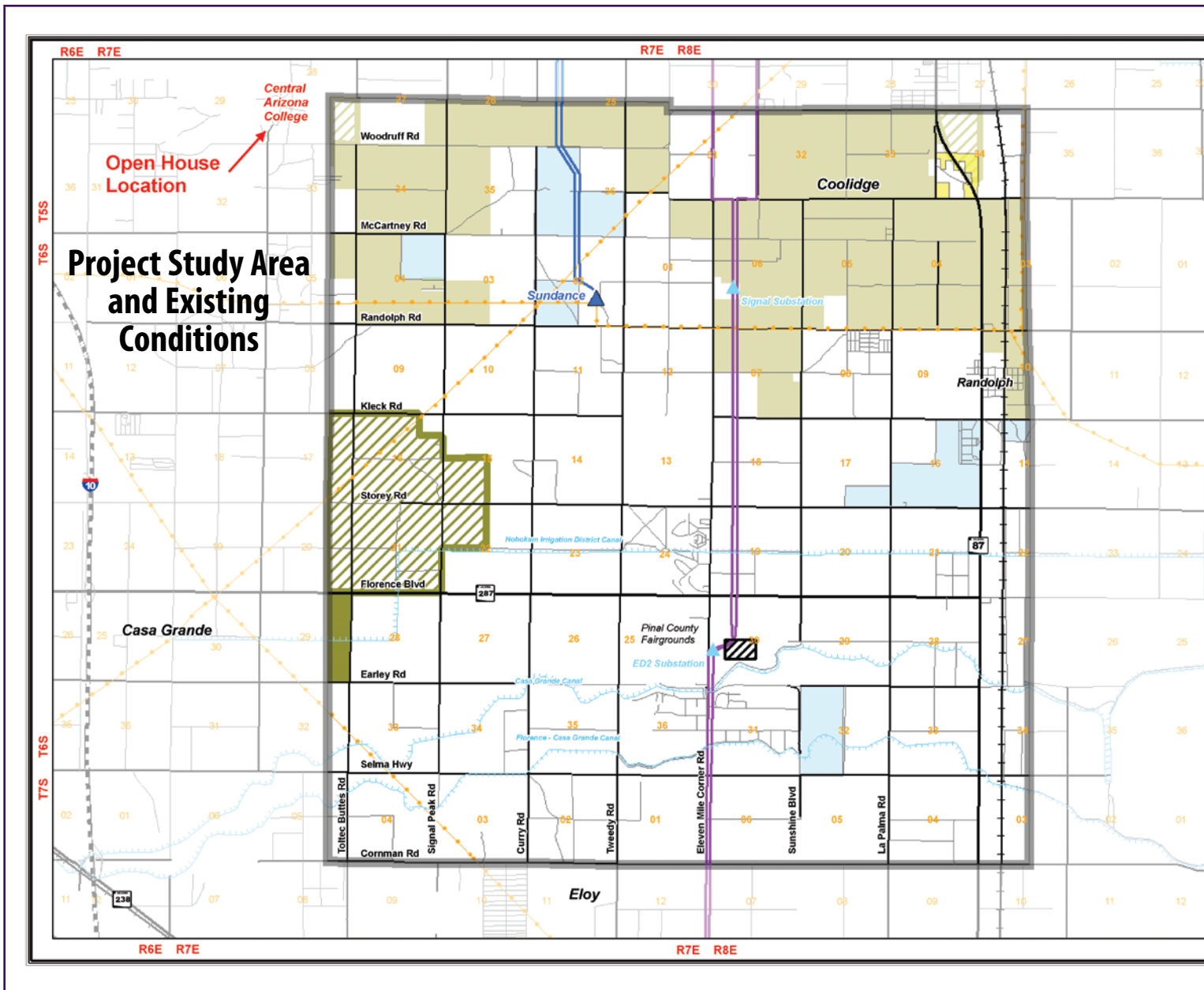
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**Questions?  
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Select Option 2  
for Greg Bernosky,  
Project Manager**





has been completed, the application will be filed with the Arizona Power Plant and Transmission Line Siting Committee (Committee). The Committee will review the application and hold public hearings on the project. The CEC application includes information on the proposed project's purpose and need, description, cost, federal and state compliance efforts, associated environmental issues and public outreach efforts. Once the Committee has completed its public hearings, they will make a formal recommendation on the project to the ACC. The ACC makes the final determination on the approval of the project, including the location of the transmission line route to be constructed.

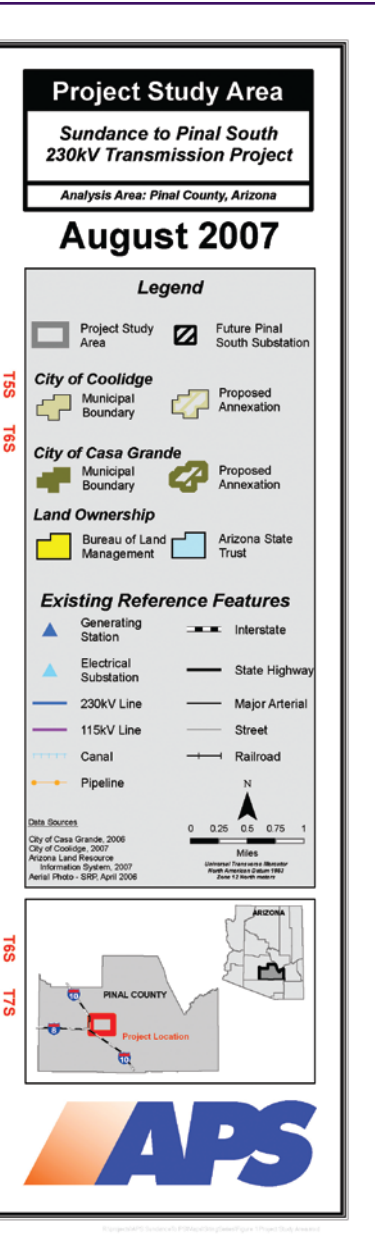
## Environmental Process

APS has retained Arcadis, an environmental consulting firm, to conduct the required environmental analysis on the project. Several environmental factors are considered in the analysis, including existing and planned land uses, landscape scenic quality and views, historic and archaeological features, and plant and wildlife species. Resource specialists in each of the aforementioned areas will assess the potential impacts of the project on the route alternatives that have been identified. Arcadis will be responsible for conducting four primary tasks:

- 1) Regional study area characterization and identification of preliminary transmission line alternatives;
- 2) Detailed inventory of resources in the study area;

*"APS appreciates your input and feedback regarding this project and looks forward to the opportunity to discuss this project with you at the open house."*

**Greg Bernosky, Project Manager**



- 3) Impact assessment and mitigation planning; and
- 4) Assist in the preparation of the CEC application for the State process.

The results of the environmental studies will be one of several pieces of information APS will use in evaluating the various alternative routes.

### Opportunities for Public Information and Comment

APS will provide information as well as opportunities for the public to ask questions and provide comment, through a variety of channels on this project. At a minimum, APS will use the following means to convey project information:

- Project Web site (<http://siting.aps.com> and select the link for "Current Projects")
- Project Newsletters (mailed directly to APS customers and landowners in the project area)
- Project Manager Contact (602-493-4448 or 1-866-472-4484 and select Option 2 for Greg Bernosky, Project Manager)
- Open Houses
- Arizona Power Plant and Transmission Line Siting Committee public hearings
- ACC open hearing

In addition, APS will continue to brief affected stakeholders, communities and agencies as well as business and civic leaders throughout the process.

### Project Schedule

The process and time required to site power lines varies from project to project. APS anticipates completing the public outreach on this project in the late summer/early fall of 2007. After this outreach is complete, APS will file the application for a CEC for the project, the preferred route and any acceptable alternative routes with the ACC.

Upon conclusion of Committee hearings and consideration by the ACC, a final decision on the project is expected by late 2007.

### Informational Open House

APS will hold a public open house on this project on Tuesday, August 14th, in the Residence Life Classroom of the Central Arizona College, 8470 N. Overfield Road in Coolidge. The public may attend any time between 5:30 and 7:30 p.m. to talk one-on-one with project team members and review detailed project information.

We look forward to the opportunity to discuss this project with you and hope to see you at the open house. If you have any questions or comments on the project, please visit our Web site at <http://siting.aps.com> or contact APS Project Manager Greg Bernosky toll free at 1-866-472-4484 (select Option 2 for this project).





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**IMPORTANT INFORMATION FOR  
PROPERTY OWNERS**

## **Please Attend the Sundance to Pinal South 230kV Transmission Project**

### **Public Information Open House**

**Tuesday, August 14, 2007**

**5:30–7:30 P.M.**

**Central Arizona College – Residence Life Classroom  
8470 N. Overfield Road  
Coolidge, Arizona 85228**

(From the main entrance of the campus, take the first left into the residence life parking lot and follow the signs to the meeting room)

For more information please visit our Web site at  
<http://siting.aps.com> and select the link for Current Projects

