



North Gila to TS-8 230kV Transmission Project

June 2007 • Issue 1

APS PROPOSES NEW TRANSMISSION FACILITIES

APS proposes to build a new 230 kilovolt (kV) transmission power line between the existing North Gila Substation and a new transmission substation (TS-8) to be built in south central Yuma, Ariz. The new power line will supply bulk power to the expanding distribution system in Yuma County and will support the cities of Yuma, Somerton and San Luis.

Since 1990, the Yuma area population has grown by more than 80 percent. Additionally, in the past 10 years, the average household usage of electricity in Arizona has increased about 21 percent. The growth and increased demand for power are expected to continue for the foreseeable future. The North Gila to TS-8 230kV transmission line will provide the necessary support and improve the reliability of the distribution system.

Project Description

The proposed North Gila to TS-8 230kV transmission line will be approximately 15 miles in length and will be constructed on steel monopoles, typically 130 to 150 feet high. The project will originate at the existing North Gila Substation located near Ave. 8E and County 6th Street and will terminate at a new TS-8 substation (see project map on page 3).

The construction of the TS-8 substation will be completed in 2010 as a 69kV substation and expanded to 230kV in 2012 for this project. The proposed line is expected to be operational by 2012.

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 a Certificate of Environmental

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**Questions?
Call Phil Smithers
at 602-493-4202
or 1-866-472-4484**



For more information, please visit the project Web site at <http://siting.aps.com>

Compatibility (CEC) application for the project. Once the siting process and public outreach has been completed, the application will be filed with the Arizona Power Plant and Transmission Line Siting Committee. This 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 permitting efforts, associated environmental issues and public outreach efforts. Once the Committee has completed their 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 determination of the preferred route for the transmission line.

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;
- 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>)
- Project Newsletters (mailed directly to APS customers and landowners in the project area)
- Project Manager Contact (602-493-4202 or 1-866-472-4484)
- Open Houses
- The State 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.

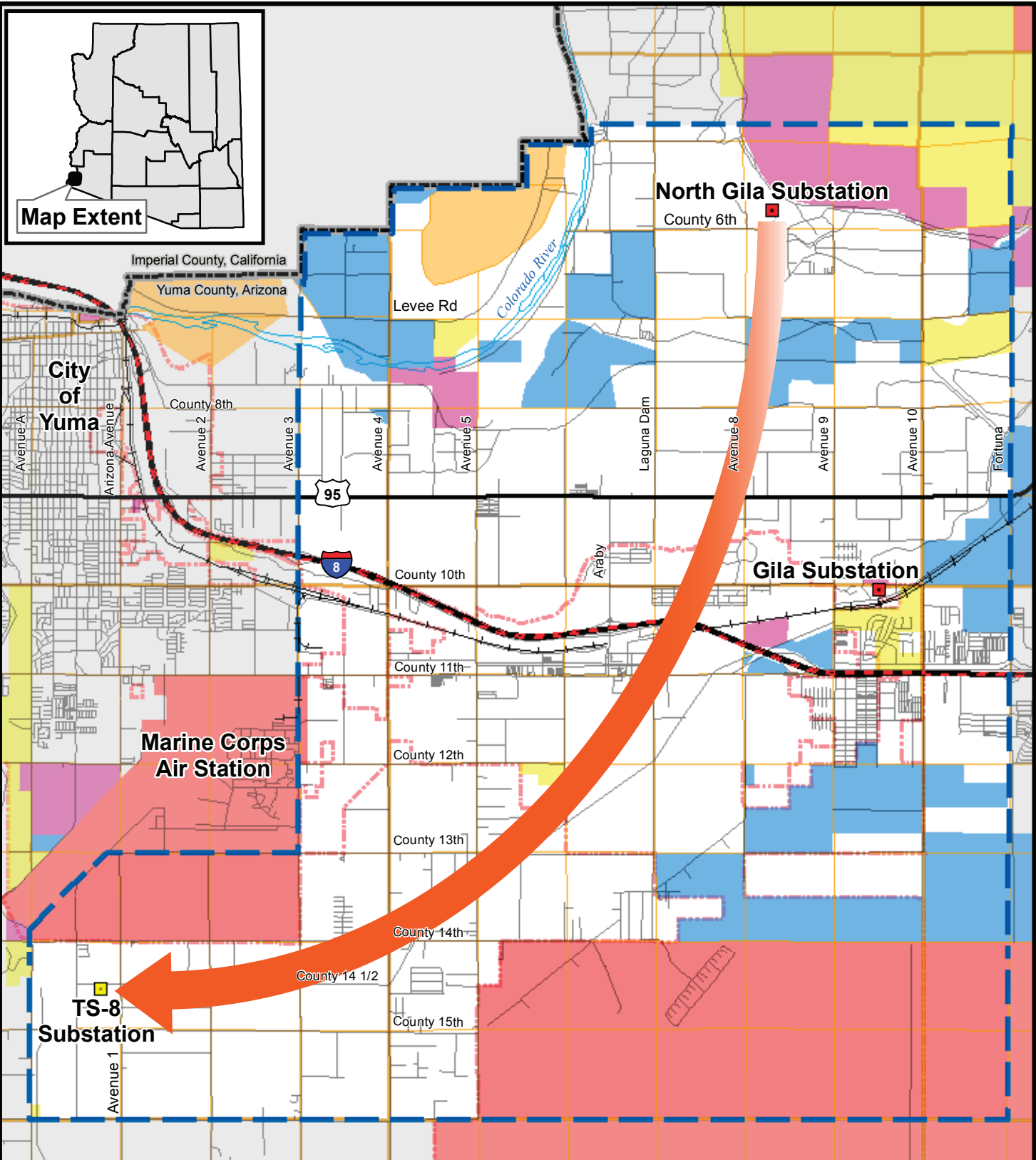
Project Schedule

The process and time required to site power lines varies from project to project. APS anticipates they will complete the public outreach on this project in the fall of 2007. After this outreach is complete, APS will file the project, the preferred route and any acceptable alternative routes with the ACC. A final decision on the project is expected in early 2008.

Informational Open House

APS will hold a public open house on this project on Wednesday, July 18, at the Yuma Civic Center, 1440 W. Desert Hills Drive. 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 Phil Smithers at 602-493-4202 or 1-866-472-4484.



Legend

Project Study Area	Jurisdiction
County/State Boundary	Indian Community
Existing Substation	Bureau of Land Management
Proposed Substation	Bureau of Reclamation
Interstate Highway	Department of Defense
US Highway	State
Arterial/Local Street	
Railroad	

Miles





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**IMPORTANT INFORMATION FOR
PROPERTY OWNERS**

Please Attend the Upcoming North Gila to TS-8 230 kV Transmission Project

Public Information Open House

WEDNESDAY, JULY 18, 2007

5:30–7:30 P.M.

Yuma Civic Center
1440 W. Desert Hills Drive
Yuma, Arizona 85365

For more information please visit our Web site at <http://siting.aps.com>

