



Mail Station 3293
P.O. Box 53933, Phoenix, AZ 85072

IMPORTANT TRANSMISSION LINE INFORMATION

Presorted
Standard Mail
US Postage Paid
Phoenix, AZ
Permit No. 90

NORTH GILA SUBSTATION TO ORCHARD SUBSTATION
TO YUCCA POWER PLANT



230kV Transmission Line Project

FEBRUARY 2017

PROJECT HISTORY

In 2010, APS embarked on a process to identify future electrical infrastructure needs in the Yuma area. At the conclusion of a rigorous public process and outreach effort, the Arizona Corporation Commission (ACC) approved final routes and a substation location for a transmission project that will help APS ensure future electric reliability for our Yuma customers.

The ACC's decision was the culmination of an extensive public outreach effort that included several open house meetings, newsletter communications to those who reside or own land within the study area and numerous discussions with public officials and other key stakeholders. Public engagement was a key component in the process of selecting the preferred location for the new facilities.

The routes were presented to the ACC after the Arizona Power Plant and Transmission Line Siting Committee held hearings and in November 2011 approved the CEC for APS's preferred route for each of the two project segments. Both the Siting Committee and ACC hearings were open to the public.

In February 2012, the ACC approved APS's preferred route granting a Certificate of Environmental Compatibility (CEC) for the project. The Project will be constructed in two phases described in the following section. (The map on the inside pages depicts the route where the line will be constructed, ultimately within a 100-foot-wide right-of-way):

PHASE 1

North Gila to Orchard (formerly TS-8) Substation, which includes a double-circuit 230-kilovolt (kV) transmission line from APS's existing North Gila substation located at approximately County 6 1/2 and Avenue 9E to the new Orchard Substation at County 14th and Avenue 5 1/2 E. Completion of the first circuit of this segment is planned for 2021.

PHASE 2

Orchard Substation to Yucca Power Plant, which includes a double-circuit 230kV transmission line from the Orchard Substation to APS's existing Yucca Power Plant located near Somerton Avenue and 8th Street. A completion date for this segment has not been determined, but currently is beyond APS's 10-year planning horizon.

FOR MORE INFORMATION

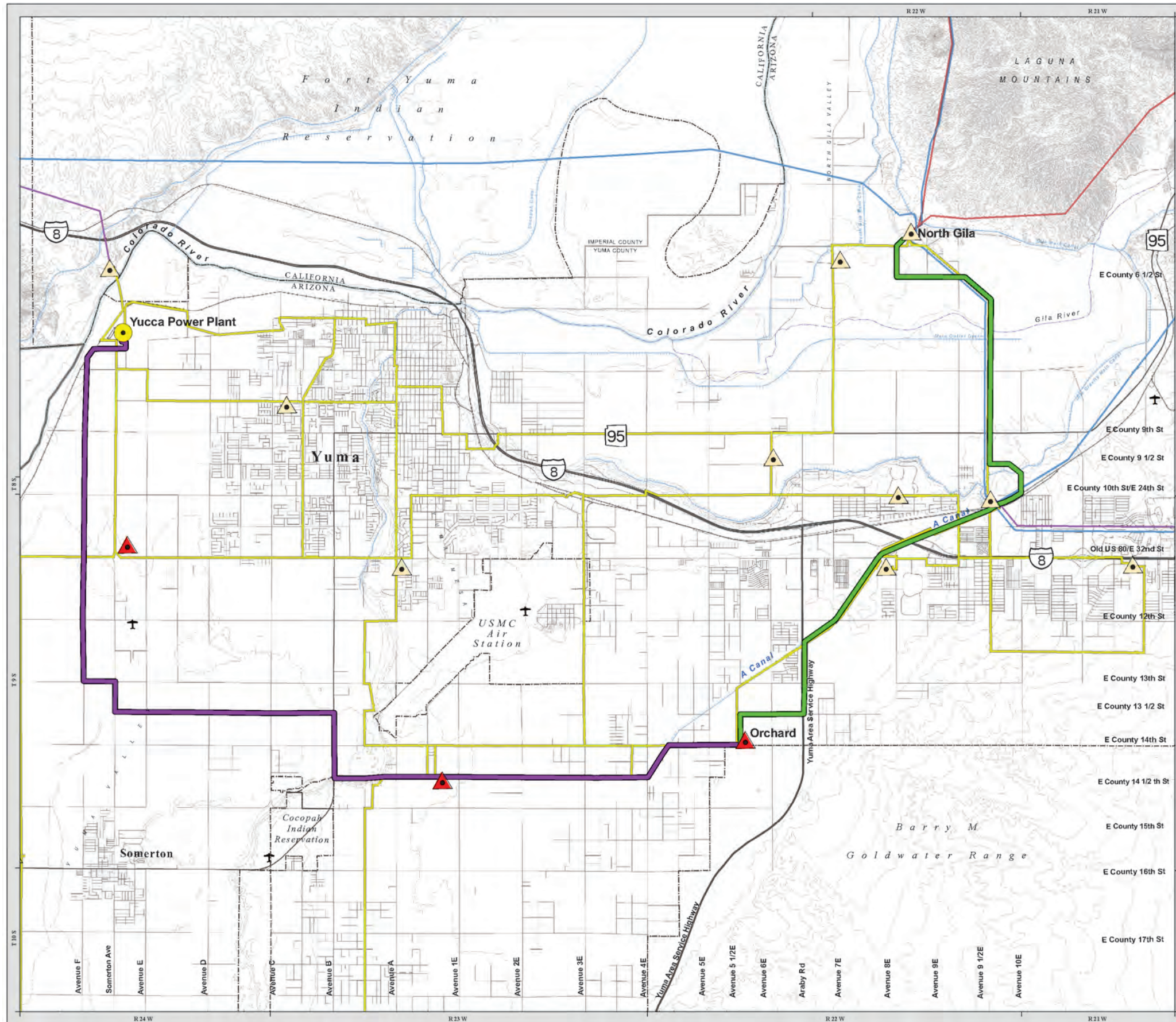
To view newsletters and other information from the original siting study (completed in 2012) please visit our website at aps.com/siting and look under Completed Siting Projects. Click the high-voltage tab and then scroll down to North Gila to Orchard (TS-8) to Yucca.

Questions on the project can be directed to Brad Larsen by calling **(602) 493-4338** or by email at Brad.Larsen@aps.com.

NORTH GILA SUBSTATION TO ORCHARD SUBSTATION
TO YUCCA POWER PLANT



230kV Transmission Line Project



North Gila to Yucca 230kV Transmission Line Project

Project Location

- Project Features**
- North Gila to Orchard 230kV Transmission Line Approved Route (Phase I)
 - Orchard to Yucca 230kV Transmission Line Approved Route (Phase II)

- Utilities**
- Future Substation
 - Existing Substation
 - Power Plant
 - 500kV Transmission Line
 - 161kV Transmission Line
 - 115kV Transmission Line
 - 69kV Transmission Line

- Reference Features**
- Jurisdictional Boundary
 - State/County Boundary
 - Air Facility
 - Interstate
 - Highway
 - Street
 - Railroad
 - River/Stream
 - Canal



Sources: Arizona State Land Department 2007; EPG 2016; ESRI Street Map 2013



December 2016

