

Tucson Electric Power (TEP) is developing plans for a new transmission line to help satisfy growing energy needs, support the University of Arizona and University Medical Center Tucson – Banner, and strengthen electric reliability for TEP customers within and near the project study area.

TEP is identifying a route for the Kino to DeMoss-Petrie (Kino-DMP) 138-Kilovolt (kV) Transmission Line, which will connect the Kino Substation to the existing DeMoss-Petrie Substation. The line also will interconnect with the planned UA North Substation, which TEP expects to build north of the UA main campus.

TEP must obtain route approval from the Arizona Corporation Commission (ACC) before the line can be built. The company will use public input to identify up to three alternative transmission line routes that will be included in its application to the ACC.

TEP invites members of the public to attend upcoming open house meetings listed on the cover of this newsletter to ask questions, submit comments and learn more about the transmission line project.

STUDY AREA and PROJECT BENEFITS

In determining where to locate new energy infrastructure, TEP considers the projected energy needs of nearby residential and commercial customers, anticipated economic development, proximity to existing equipment, project costs, geography, the environment, public input and other factors. Transmission lines link substations that change the voltage of electric facilities for distribution and delivery of electric service to area customers. TEP is evaluating potential transmission line



An aerial view of the DeMoss-Petrie Substation.

routes within a defined study area that could interconnect existing and planned substations that include:

- **Kino Substation:** TEP is building a new substation at the southeast corner of South Kino Parkway and East 36th Street to accommodate growing energy demands and support expected economic development in the area. The substation will occupy about 4.5 acres. Construction began in September 2019. The substation is scheduled to be in service in 2020.
- **UA North Substation:** This planned substation will tie into TEP’s 138 kV transmission system to accommodate increased energy demands in the area. It also will help maintain reliable service by supporting the eventual retirement of aging, lower capacity 46 kV substations.
- **DeMoss-Petrie (DMP) Substation:** Located near Interstate 10 and West Grant Road, the substation serves as the point of interconnection for several high-voltage transmission lines and natural gas generating resources and an energy storage system.

Kino to DeMoss-Petrie Transmission Line Project



Public Open House Meetings

Tuesday, October 22 | 5:30-7 p.m.
Quincie Douglas Center
1575 E. 36th St.
Tucson, AZ 85713

Wednesday, October 23 | 5:30-7 p.m.
Tucson City Council Ward 6 Office
3202 E. 1st St.
Tucson, AZ 85716

tep.com/kino-to-demoss-petrie

Help us improve your electric service!

TEP wants to hear from you about potential routes for a planned transmission line that will help strengthen electric reliability for customers in Tucson. Read inside to learn how you can share your comments.

Kino to DeMoss-Petrie Transmission Line Project

TEP will use input from customers, stakeholders and other members of the public to identify potential alternative transmission line routes within the study area. Members of the community will have additional opportunities to comment on these potential alternative routes in the future.

The Kino to DeMoss-Petrie line will cross private property and utilize road right of way within the City of Tucson.

Interconnecting the Kino Substation and planned UA North Substation to the existing DeMoss-Petrie Substation will strengthen reliability by adding redundancy, allowing TEP to deliver energy from more than one direction. TEP would build the line with self-weathering steel monopoles that stand between 75-110 feet tall. Taller structures may be required at major road or line crossings.

REQUIRED APPROVALS and TIMELINE

Under state law, TEP must secure a Certificate of Environmental Compatibility (CEC) before building the transmission line. TEP plans to file a CEC application in 2020 with the Arizona Power Plant and Transmission Line Siting Committee, which will review the application in a public process that allows neighbors and other stakeholders to provide comments. If the Line Siting Committee grants a CEC, it will be sent to the ACC for final review and approval.

TEP must also obtain a Special Exception Land Use Permit from the City of Tucson for the UA North Substation.

TEP is planning to place the Kino-DMP line into service by 2022.

PUBLIC PARTICIPATION

TEP encourages residents, property owners and others to share their input by:

- Attending the public meetings listed on the cover of this newsletter
- Mailing a letter with comments to:
P.O. Box 711
ATTN: Kino-DMP
Mail Stop RC131
Tucson, AZ 85701-0711
- Sending comments to KINO2DMP@tep.com
- Visiting tep.com/kino-to-demoss-petrie and filling out an online comment form
- Calling 1-833-523-0887 and leaving a voicemail message

TEP recomienda a los residentes y propietarios a compartir sus opiniones sobre posibles rutas para líneas de transmisión. Por favor comparta sus ideas utilizando la información de contacto que se menciona arriba. También está invitado a asistir a una próxima reunión abierta al público sobre el proyecto. Si tiene alguna pregunta, comuníquese con nosotros al KINO2DMP@tep.com o 1-833-523-0887. Gracias por su interés en el proyecto.

