



Tucson Electric Power

Midtown Reliability Project  
P.O. Box 711  
Mail Stop CB200  
Tucson, AZ 85701-0711

# Energy Grid Update Midtown Reliability Project

March 2024



## TEP Identifies List of 10 Potential Alternative Route Segments

Using input from midtown residents and other stakeholders, Tucson Electric Power has identified 10 potential route segments for a new transmission line in midtown Tucson.

The Midtown Reliability Project will strengthen the local energy grid that provides service every day to nearly 37,000 households and more than 6,800 businesses in central Tucson while also supporting greater reliability throughout TEP's system. The project will include a new higher-voltage overhead transmission line, a new substation and other upgrades to replace eight aging substations and other lower-voltage equipment that can't support customers' growing energy needs.

TEP has not yet identified a preferred route and is seeking public input on the proposed alternative route segments. The final route is subject to approval by the Arizona Power Plant and Transmission Line Siting Committee and the Arizona Corporation Commission.

The alternative route segments were identified through a comprehensive compatibility analysis that considered multiple criteria, including some required by law and others deemed important by area residents and other stakeholders. Hundreds of potential route segments were

removed from consideration.

"We've examined each of the remaining alternative routes multiple times from multiple perspectives over the last several months. Based on our analysis, these routes are most compatible with the surrounding area," said Clark Bryner, TEP's Manager for Transmission Line Siting. "Each alternative route segment offers advantages and disadvantages, so we're very interested to hear thoughts from residents and other stakeholders. The input will help us to identify a preferred route."

TEP identified four alternative route segments between the DeMoss-Petrie and proposed Vine substations, and six alternative route segments between the Kino and Vine substations; together, these can be combined into 24 potential routes for the completed transmission line. Detailed descriptions of each alternative route segment and an interactive map are posted on the project website at [tep.com/midtown](http://tep.com/midtown).

"To complete the transmission line, we'll need to identify one route between DeMoss-Petrie and Vine, and one route between Kino and Vine. Some route segments overlap, but any combination of these route segments is feasible," Bryner said.

### Compatibility Analysis

These criteria were used to identify 10 alternative route segments most compatible with a new transmission line:

- Impact on low-income and disadvantaged communities
- Cost of transmission line construction, including relocation or undergrounding of distribution lines
- Sensitive plant and wildlife species and habitat within the transmission line corridor
- Proximity to residential properties
- Proximity to historic properties and districts
- Impact on views
- Impact on the total environment
- Noise
- Communication signal interference
- Existing development plans
- Engineering feasibility and challenges
- Right-of-way acquisition
- Compliance with applicable ordinances, master plans and regulations
- Health and safety
- Transit impacts (pedestrian, public transit and traffic)
- Use of existing utility corridors
- Impact on Native lands
- Public/stakeholder feedback

## Midtown Reliability Project



You can help shape our future energy grid. Please read inside, visit our website or join our open house to learn how.

### Public Open House

Thursday, March 28, 2024 | 6-8 p.m.  
Open house begins at 6 p.m.  
Q&A begins at 7 p.m.  
Light refreshments will be provided.

DoubleTree - Reid Park  
445 S Alvernon Way  
Tucson, AZ 85711

[tep.com/midtown-reliability-project](http://tep.com/midtown-reliability-project)



Lea adentro, visite nuestro sitio web o venga a nuestra reunión abierta para saber cómo puede ayudar a dar forma a nuestra red eléctrica futura.

### Reunión abierta pública

Jueves, 28 de marzo de 2024 | 6-8 p.m.  
La reunión abierta comienza a las 6 p.m.  
Las preguntas y respuestas comienzan a las 7 p.m.  
Se proporcionarán refrigerios livianos.  
Participarán miembros del equipo bilingües y un intérprete de español.

DoubleTree - Reid Park  
445 S Alvernon Way  
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[tep.com/proyecto-de-confiabilidad-del-centro-de-la-ciudad](http://tep.com/proyecto-de-confiabilidad-del-centro-de-la-ciudad)



Detailed alternative route descriptions on the website will include:

- Route length
- Areas where existing lower-voltage overhead distribution and telecommunication lines could be moved underground
- Low-income areas, residential areas and historic districts in which the route is located
- Nearby areas with preservation overlay zones and neighborhood plans

Once new transmission facilities are built and lower-voltage facilities are removed, the Midtown Reliability Project will result in overall fewer substations and fewer overhead lines than today. Based on requests from stakeholders, TEP is also considering use of several design elements including an anti-graffiti finish on poles, thinner and shorter poles, painted poles and right-of-way enhancements.

**Public Participation**

Please come to our open house on March 28. Stakeholders also can ask questions and submit comments by:

- Filling out an online comment form on the project webpage
- Sending email comments to [midtownreliability@tep.com](mailto:midtownreliability@tep.com)
- Calling 1-833-523-0887 and leaving a voicemail message
- Mailing a letter with comments to:

TEP Midtown Reliability  
 P.O. Box 711  
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**TEP reduce la lista de posibles rutas**

El Proyecto de Confiabilidad del Centro de la Ciudad de TEP reforzará los sistemas que garantizan la confiabilidad eléctrica para casi 37,000 hogares y más de 6,800 clientes comerciales en el corazón de Tucson.

Utilizando los aportes de los residentes del centro de la ciudad y partes interesadas, Tucson Electric Power ha identificado 10 posibles rutas alternativas para una nueva línea de transmisión aérea que preste servicio al centro de la ciudad de Tucson. TEP está pidiendo comentarios de las partes interesadas sobre las rutas alternativas. Un mapa interactivo está disponible en la página web del proyecto.

TEP alienta a los clientes y otras partes interesadas en el área de estudio del proyecto a asistir a una próxima reunión abierta y ayudar a dar forma a nuestra futura red eléctrica. Participarán miembros del equipo bilingües y un intérprete de español.

Se publicará una versión en español de este boletín informativo en el sitio web del proyecto en [tep.com/proyecto-de-confiabilidad-del-centro-de-la-ciudad](http://tep.com/proyecto-de-confiabilidad-del-centro-de-la-ciudad), y puede enviársele por correo si lo solicita utilizando la información de contacto anterior. Gracias por su interés en el proyecto.

**Participación Pública**

Venga a nuestra reunión abierta el 28 de marzo. Participarán miembros del equipo bilingües y un intérprete de español. Las partes interesadas también pueden hacer preguntas y enviar comentarios de la siguiente manera:

- al completar un formulario de comentarios en línea en la página web del proyecto
- al enviar comentarios por correo electrónico a [midtownreliability@tep.com](mailto:midtownreliability@tep.com)
- al llamar al 1-833-523-0887 y dejar un mensaje de correo de voz
- al enviar una carta por correo postal a la siguiente dirección:

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