

## UniSource Plans for New Transmission Facilities to Support Community Resiliency

UNS Electric, Inc., a subsidiary of UniSource Energy Services, is preparing plans for new transmission facilities to improve the reliability and resiliency of the electrical transmission system serving Santa Cruz County.

The Santa Cruz Reliability project is designed to reduce the potential for a major, sustained outage in Santa Cruz County. Power outages would be less frequent and shorter because UniSource could supply energy from more than one direction to the substations that support service to residents, businesses, service providers and other customers in the area.

The Santa Cruz Reliability (SCR) Project North will strengthen the local energy grid by constructing a second 138 kilovolt (kV) transmission line to connect the Canoa Ranch Substation, located in Pima County, and the Kantor substation, located in Santa Cruz County. This project would improve service reliability for customers by beginning the process of converting the current radial line configuration to a looped transmission system.

The new single-circuit transmission line would be installed in rights-of-way on weathering steel monopoles. UniSource also would expand the Kantor Substation, extending the property boundary by about 20 acres to accommodate setback, security, and operations and maintenance requirements. The substation improvements would support reliability for customers, allowing UniSource to perform maintenance without interrupting circuit operations.

Public input is an important part of UniSource's planning process. We encourage area residents and other stakeholders to share their comments using one of the methods listed in this newsletter.

SCR North is the first of three phases UniSource is planning to improve the high-voltage transmission system serving Santa Cruz County.

### Project Benefits

SCR North would provide several benefits to customers in the area. The project would:

- Improve the reliability and resiliency of the electrical transmission system serving Santa Cruz County.
- Reduce the frequency and duration of outages affecting residents, businesses and industries, including hospitals, schools, ports of entry and federal facilities.
- Expand energy capacity in the area to meet current and future energy needs without impacting service to existing customers.

Identifying a suitable location for new transmission facilities involves several phases, each informed by public input. Area residents and other stakeholders can provide insight to help UniSource identify opportunities and constraints, areas to avoid and specific route segments.

Residents and other stakeholders can also help UniSource to evaluate and prioritize the importance of the criteria used to assess potential routes. Alternative route segments will be identified using multiple criteria, including some required by law and others deemed important by area residents and other stakeholders. These criteria will support the development of a preferred transmission line route.



UniSource welcomes your comments about additional criteria we should consider throughout the route selection process.

1. Cost and potential impact on customer rates
2. Impact on existing and planned land uses by state, local and private entities
3. Impact on fish, wildlife, and plants, including special status species and their habitat
4. Proximity to sensitive receptors (schools, hospitals, assisted living and daycare facilities)
5. Proximity to licensed communication sites
6. Impact on designated scenic areas
7. Impact on historic and archaeological sites
8. Overall environmental impact
9. Ability to construct, and operate and maintain facilities
10. Compliance with state, county or city ordinances

## Santa Cruz Reliability Project North



### Please Join Us

#### Public Open House

Thursday, April 25th, 2024 | 6-8 p.m.

Complimentary refreshments will be provided

Sopori Elementary School  
5000 W Arivaca Rd  
Amado, AZ 85645

#### More Information

[www.uesaz.com/santa-cruz-reliability](http://www.uesaz.com/santa-cruz-reliability)



### ¡Acompáñenos!

#### Aviso de Reunión Abierta Pública

Jueves 25 de abril de 2024 | 6-8 p.m.

Refrescos de cortesía será servido

Escuela Primaria Sopori  
5000 W Arivaca Rd  
Amado, AZ 85645

#### Más información

[uesaz.com/proyecto-de-confiabilidad-de-santa-cruz](http://uesaz.com/proyecto-de-confiabilidad-de-santa-cruz)



# Santa Cruz Reliability Project North

## Required Approvals and Timeline

Under state law, UniSource must secure a Certificate of Environmental Compatibility (CEC) to construct the transmission line. UniSource plans to file a CEC application in fall 2024 with the Arizona Power Plant and Transmission Line Siting Committee, which reviews CEC applications in a public process that allows neighbors and other stakeholders to provide comments. The Arizona Corporation Commission must review and approve the CEC before UniSource can begin construction.

## Public Participation

UniSource invites the public to attend the open house meeting listed on the front of this newsletter to ask questions and submit comments about the project. You can also share your input using one of the methods listed here.

**Fill out an online comment form at:**  
[www.uesaz.com/santa-cruz-reliability](http://www.uesaz.com/santa-cruz-reliability)

**Email comments to:**  
[santacruzreliability@uesaz.com](mailto:santacruzreliability@uesaz.com)

**Call:**  
1-833-310-1669 and leave a voicemail message

**Mail a letter with comments to:**  
ATTN: Santa Cruz Reliability  
P.O. Box 711  
Mail Stop CB200  
Tucson, AZ 85701-0711

An interactive map is posted on our website.

## UniSource Planea Nuevas Instalaciones de Transmisión para Apoyar la Resiliencia Comunitaria

UniSource Energy Services está desarrollando el Proyecto de Confiabilidad de Santa Cruz (SCR) Norte para mejorar la confiabilidad y resiliencia del suministro eléctrico en el condado de Santa Cruz, mediante la conexión de las subestaciones Canoa Ranch y Kantor con una línea de transmisión de 138 kilovoltios. Este proyecto reducirá la duración y frecuencia de los cortes de energía, facilitando el suministro desde múltiples direcciones y preparando el sistema para las demandas futuras sin afectar a los clientes existentes.

Se valora enormemente la participación pública para la selección de la ruta de la línea de transmisión, teniendo en cuenta el impacto ambiental, los costos y la proximidad a áreas sensibles. Animamos a la comunidad a compartir sus opiniones y comentarios a través de varias vías: asistiendo a la reunión pública abierta, cuyos detalles se encuentran en este boletín; enviando comentarios al correo electrónico [santacruzreliability@uesaz.com](mailto:santacruzreliability@uesaz.com); llamando al 1-833-310-1669; o enviando comentarios por correo postal. Este esfuerzo marca el inicio de un plan de tres fases para mejorar el sistema de transmisión de alta tensión en el área, pendiente de aprobación regulatoria.

# Santa Cruz Reliability Project North

