



**FACT SHEET**

# Reliability Upgrade for Southern Colorado

## The Need

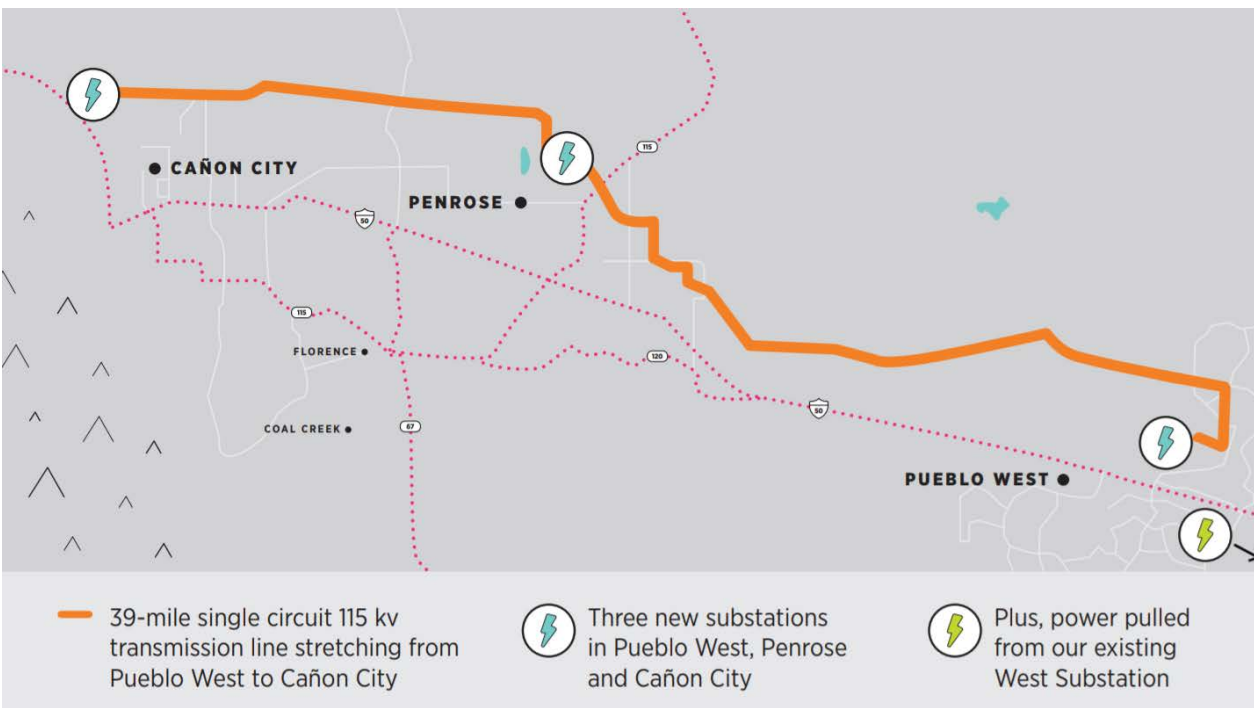
Continued growth and the need for additional infrastructure to serve Pueblo West, Penrose and Cañon City are driving a proposed project to ensure delivery of the reliable electric service that our region needs to thrive.

## The Benefits

- Provide additional power sources and enhanced reliability in Pueblo and Fremont
- Safeguard against total power losses
- Drive economic growth and community prosperity



## Location, Route and Structure



**RELIABILITY UPGRADE**  
For Southern Colorado



## Health & Safety

Safety is our top priority. We regularly patrol our transmission lines to maintain the utility easement and reduce risks of fire or other accidents. We also proactively prepare our linemen by training them on fire safety and on our Black Hills Major Event and Incident Response plan, to ensure we can respond quickly and efficiently to emergencies.

All transmission lines produce low frequency electromagnetic fields (EMF), which are strongest directly under the lines and drop dramatically as you move away.

**PROJECT FACT:** Based on analysis of EMF levels from the proposed transmission line at the edge of the right-of-way, projected levels would be 36 mG – this is well below the state limit of 150 mG. In comparison, a vacuum cleaner or hair dryer at six inches away (300 mG).

## Talk to Us

We're actively engaging with neighboring communities and directly-impacted customers to answer questions and hear feedback. **Connect with us via:**



**UPCOMING  
COMMUNITY  
MEETINGS**



**UPDATED PROJECT  
INFORMATION**

[www.reliabilityupgrade.southerncolorado.com](http://www.reliabilityupgrade.southerncolorado.com)



**ASK US  
QUESTIONS**

[BHEReliabilityUpgrade@blackhillscorp.com](mailto:BHEReliabilityUpgrade@blackhillscorp.com)

## Glossary

### TRANSMISSION LINE:

A specialized conductor designed to carry electrical signals over large distances.



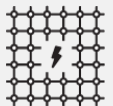
### SUBSTATION:

An electrical facility where voltages are increased and decreased for transmission and distribution. Substations have a variety of protective devices to protect the distribution networks.



### ENERGY GRID:

Our Southern Colorado energy grid is a set of power lines, transformers, generators, poles and substations that provide electricity when you need it, rain or shine, 24 hours a day.



**RELIABILITY UPGRADE**  
For Southern Colorado