

## Boone-La Junta 115 kV Line Rebuild

<b>Project Sponsor:</b>	Black Hills Colorado Electric
<b>Additional Project Participants:</b>	
<b>Project Description:</b>	Rebuild the 115 kV line from Boone to La Junta.
Voltage Class:	115 kV
Facility Rating:	221 MVA
Point of Origin/Location:	Boone 115kV
Point of Termination:	La Junta 115kV
Intermediate Points:	
Length of Line (in Miles):	45
Type of Project:	Transmission Line Rebuild
Development Status:	Planned
Routing:	
Subregional Planning Group:	CCPG
<b>Purpose of Project:</b>	Increased reliability
<b>Estimated Cost (in 2017 Dollars):</b>	\$20.9 Million
<b>Schedule:</b>	
Construction Date:	2018
Planned Completion/In-Service Date:	2020
Regulatory Info:	Approved - Colorado PUC: Decision No. C17-0539
Regulatory Date:	June 28, 2017
Permitting Info:	
Permitting Date:	
<b>Contact Information:</b>	Wes Wingen, Manager of Transmission Planning
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### **Boone-La Junta 115 kV Rebuild Project**

The Boone-La Junta 115 kV line is at a point late in its lifecycle and needs to be rebuilt. The project will rebuild the 45 mile line with single circuit 115 kV construction utilizing 795 kcmil 26/7 Strand ACSR "Drake" conductor utilizing the existing right-of-way. The noise and electromagnetic field impacts associated with the West Station-West Cañon transmission project were considered more impactful than this project and still met the established noise and magnetic field requirements as stated in Rule 3206 (f) and Rule 3206 (e), respectively. Therefore that analysis was referenced rather than repeated for this project. The project will rebuild approximately 15 miles per year with construction beginning in 2018 and will continue into 2020.

In Decision C17-0539, the Colorado Public Utilities Commission found that the original project was in the ordinary course of business and that a CPCN was not necessary.

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