

Proceeding No. 21M-0005E
Black Hills Colorado Electric, LLC d/b/a Black Hills Energy (BHCE)
2021 Rule 3206 Report – Appendix A – Project Sheets

Boone-La Junta 115 kV Line Rebuild

Project Sponsor:	Black Hills Colorado Electric
Additional Project Participants:	
Project Description:	Rebuild the 115kV line from Boone to La Junta.
Voltage Class:	115 kV
Facility Rating:	221 MVA
Point of Origin/Location:	Boone 115 kV
Point of Termination:	La Junta 115 kV
Intermediate Points:	
Length of Line (in Miles):	45
Type of Project:	Transmission Line Rebuild
Development Status:	In-Service
Routing:	
Subregional Planning Group:	CCPG
Purpose of Project:	Increased reliability
Actual Cost:	\$15.2 Million
Schedule:	
Construction Date:	2018
In-Service Date:	January 17, 2020
Regulatory Info:	Approved – Colorado PUC: Decision No. C17-0539.
Regulatory Date:	June 28, 2017
Permitting Info:	
Permitting Date:	
Contact Information:	Lindsay Briggs, Supervisor Transmission Planning
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Description. The Boone-La Junta 115kV 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 115kV construction utilizing 795 kcmil 26/7 strand ACSR “Drake” conductor utilizing existing right-of-way. The noise and emf impacts associated with the West Station-West Canon 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. See Appendix B, as filed in Proceeding No. 17M-0005E. The project will rebuild approximately 15 miles per year, with construction beginning in 2018 and will continue into 2020.

Consideration of project alternatives including energy storage systems (Rule 3206(d)(I)(D)). Not applicable. The project was designed and planned prior to the rule requirement effective date of March 2, 2019.

Decision. In Decision No. C17-0539, the Commission determined that the project was in the ordinary course of business and that a CPCN was not necessary.

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