

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

## Pueblo West 115 kV Distribution Substation

<b>Project Sponsor:</b>	Black Hills Colorado Electric
<b>Additional Project Participants:</b>	
<b>Project Description:</b>	New 115 kV distribution substation in Pueblo West; will intersect the West Station-Hogback 115 kV line.
Voltage Class:	115 kV
Facility Rating:	50 MVA
Point of Origin/Location:	Pueblo West, CO
Point of Termination:	
Intermediate Points:	
Length of Line (in Miles):	0
Type of Project:	Distribution
Development Status:	Planned
Routing:	
Subregional Planning Group:	CCPG
<b>Purpose of Project:</b>	Load service
<b>Estimated Cost (in 2021 Dollars):</b>	\$5.4 Million
<b>Schedule:</b>	
Construction Date:	2020
Planned Completion/In-Service Date:	Jan 2023
Regulatory Info:	Approved - Colorado PUC: Decision No. C20-0477
Regulatory Date:	
Permitting Info:	
Permitting Date:	
<b>Contact Information:</b>	Lindsay Briggs, Supervisor Transmission Planning
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**Description.** This project consists of constructing a new distribution substation by intersecting BHCE’s planned West Station-Hogback 115 kV transmission line. The substation will be built to ultimately accommodate two 115/13.2kV, 25 MVA transformers, but only one bank will be installed initially. This project is required to serve new industrial agriculture load as well as contingency back-up for existing distribution infrastructure. The substation location is north of Highway 50 on the western edge of Pueblo West, CO.

The engineering and design work associated with the substation portion of the project will be performed to ensure that the completed project will meet the established noise and magnetic field requirements as stated in Rule 3206 (f) and Rule 3206 (e), respectively. Namely, the noise level of the substation will not exceed 50 db(A) at a distance of 25 feet beyond the property line, and the magnetic field level at the property line, one meter above the ground, will not exceed 150 MilliGauss.

**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 requested.**

In Decision No. C20-0477, the Commission determined that the project was in the ordinary course of business and that a CPCN was not necessary.

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