

Rattlesnake Butte 115 kV Substation Terminal

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| Project Sponsor: | Black Hills Colorado Electric |
| Additional Project Participants: | |
| Project Description: | Add a new terminal to the Rattlesnake Butte 115 kV substation and convert to a ring bus configuration to accommodate a new generation interconnection. |
| Voltage Class: | 115 kV |
| Facility Rating: | 221 MVA |
| Point of Origin/Location: | Rattlesnake Butte 115kV Substation |
| Point of Termination: | |
| Intermediate Points: | |
| Length of Line (in Miles): | |
| Type of Project: | Substation |
| Development Status: | In-Service |
| Routing: | |
| Subregional Planning Group: | CCPG |
| Purpose of Project: | Generation Interconnection |
| Estimated Cost (in 2016 Dollars): | \$1.85M |
| Schedule: | |
| Construction Date: | 2016 |
| Planned Completion/In-Service Date: | Sept. 2016 |
| Regulatory Info: | Approved - Colorado PUC: Decision No. C16-0627 |
| Regulatory Date: | July 6, 2016 |
| Permitting Info: | |
| Permitting Date: | |
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Rattlesnake Butte 115 kV Terminal Addition

The Rattlesnake Butte 115 kV terminal addition was planned as part of the BHCT-G18 large generator interconnection process for a new 60 MW wind generation facility. The project converted the existing two terminal straight bus to a three terminal ring bus. The project was completed in Q3 2016 at an estimated cost of \$1.85 million. Construction on the project was initiated in 2016 after a CPCN was granted for the Peak View Wind Project in Decision No. C15-1182, Proceeding No. 15A-0502E. The work associated with the terminal addition at Rattlesnake Butte Substation was performed entirely within the existing substation footprint. In 2016 the Colorado Public Utilities Commission found that the project was in the ordinary course of business and that a CPCN was not necessary.