

## Portland 115/69 kV #2 Transformer Replacement

<b>Project Sponsor:</b>	Black Hills Colorado Electric
<b>Additional Project Participants:</b>	
<b>Project Description:</b>	Replace existing 25MVA Portland #2 transformer with an 80MVA unit. Also potentially replace 42 MVA unit with 80 MVA unit.
<b>Voltage Class:</b>	115 kV
<b>Facility Rating:</b>	80 MVA
<b>Point of Origin/Location:</b>	Portland 115kV Substation (near Florence, CO)
<b>Point of Termination:</b>	
<b>Intermediate Points:</b>	
<b>Length of Line (in Miles):</b>	
<b>Type of Project:</b>	Transformer
<b>Development Status:</b>	Planned
<b>Routing:</b>	
<b>Subregional Planning Group:</b>	CCPG
<b>Purpose of Project:</b>	Improve reliability and add transformation capacity
<b>Estimated Cost (in 2017 Dollars):</b>	\$3.7 Million
<b>Schedule:</b>	
<b>Construction Date:</b>	2018
<b>Planned Completion/In-Service Date:</b>	Q4 2019
<b>Regulatory Info:</b>	Approved - Colorado PUC: Decision No. C13-0879
<b>Regulatory Date:</b>	July 26, 2013
<b>Permitting Info:</b>	
<b>Permitting Date:</b>	
<b>Contact Information:</b>	Wes Wingen, Manager of Transmission Planning
<b>Email</b>	wes.wingen@blackhillscorp.com
<b>Phone</b>	605-721-2268

### **Portland 115/69 kV Transformer Project**

The Portland 115/69 kV transformer project was identified to replace the smaller of two existing parallel transformers at Portland with a larger capacity 80 MVA unit to accommodate load growth. A second stage of the project may replace the larger 42 MVA transformer with an 80 MVA unit, but that phase of the project is under review to determine the best overall solution for the area. The first stage of the project is currently planned for completion in Q4 2018 and the second stage is planned for completion in Q4 2019 at a total estimated cost of \$3.7 million. In Decision C13-0879 the Colorado Public Utilities Commission found that the project was in the ordinary course of business and that a CPCN was not necessary.