

Appendix G

Colorado Springs Utility Projects Summary

Table of Contents

Nixon South Second Transmission Line Project	G-1
Kelker 3rd 230/115 kV Autotransformer	G-2
Series Reactor – 115 kV system	G-3
Cottonwood 230/115 kV Autotransformer Replacement	G-4

Nixon South Second Transmission Line Project

Project Sponsor:	Colorado Springs Utility
Additional Project Participants:	
Project Description:	This project redirects the one of the currently existing 230 kV Nixon - Kelker lines to the Front Range Power Plant. The line will be re-routed into the Front Range Power Plant substation which it is only a few hundred feet from the existing line. Rather than two identical Kelker - Nixon lines, CSU will now have one 230kV line from Nixon to Kelker and one 230kV line from Front Range Power Plant to Kelker.
Voltage Class:	230 kV
Facility Rating:	495 MVA (Normal)
Point of Origin/Location:	Kelker 230 kV
Point of Termination:	Front Range 230 kV
Intermediate Points:	
Length of Line (in Miles):	14
Type of Project:	Transmission Line
Development Status:	In-Service
Routing:	
Subregional Planning Group:	CCPG
Purpose of Project:	Reliability
Estimated Cost (in 2016 Dollars):	\$1.5 Million
Schedule:	
Construction Date:	2015
Planned Completion/In-Service Date:	2017
Regulatory Info:	
Regulatory Date:	
Permitting Info:	
Permitting Date:	
Contact Information:	Jeffrey Hanson
Email	jhanson@csu.org
Phone	719-668-8125

Kelker 3rd 230/115 kV Autotransformer

Project Sponsor:	Colorado Springs Utility
Additional Project Participants:	
Project Description:	Add 3 rd 230/115kV autotransformer at Kelker substation
Voltage Class:	230 kV
Facility Rating:	280 MW
Point of Origin/Location:	Kelker 230kV Substation
Point of Termination:	
Intermediate Points:	
Length of Line (in Miles):	
Type of Project:	Transformer
Development Status:	Under Construction
Routing:	
Subregional Planning Group:	CCPG
Purpose of Project:	Reliability
Estimated Cost (in 2016 Dollars):	\$1.7 Million
Schedule:	
Construction Date:	2017
Planned Completion/In-Service Date:	2018
Regulatory Info:	
Regulatory Date:	
Permitting Info:	
Permitting Date:	
Contact Information:	Jeffrey Hanson
Email	jhanson@csu.org
Phone	719-668-8125

Series Reactor – 115 kV system

Project Sponsor:	Colorado Springs Utility
Additional Project Participants:	
Project Description:	Install a series reactor on the Nixon to Fountain 115 kV line
Voltage Class:	115 kV
Facility Rating:	195 MW
Point of Origin/Location:	Nixon Substation
Point of Termination:	Fountain Substation
Intermediate Points:	
Length of Line (in Miles):	
Type of Project:	Other
Development Status:	Planned
Routing:	
Subregional Planning Group:	CCPG
Purpose of Project:	Reliability
Estimated Cost (in 2016 Dollars):	\$1.5 Million
Schedule:	
Construction Date:	2019
Planned Completion/In-Service Date:	2019
Regulatory Info:	
Regulatory Date:	
Permitting Info:	
Permitting Date:	
Contact Information:	Jeffrey Hanson
Email	jhanson@csu.org
Phone	719-668-8125

Cottonwood 230/115 kV Autotransformer Replacement

Project Sponsor: Colorado Springs Utility
Additional Project Participants:
Project Description: Install a new, upgraded 230/115 kV autotransformer at Cottonwood substation.

Voltage Class: 230 kV
Facility Rating: 300 MW
Point of Origin/Location: Cottonwood Substation
Point of Termination:
Intermediate Points:
Length of Line (in Miles):
Type of Project: Transformer
Development Status: Planned
Routing:
Subregional Planning Group: CCPG

Purpose of Project: Reliability

Estimated Cost (in 2016 Dollars): \$3.0 Million

Schedule:

Construction Date: 2019
Planned Completion/In-Service Date: 2019
Regulatory Info:
Regulatory Date:
Permitting Info:
Permitting Date:

Contact Information: Jeffrey Hanson
Email: jhanson@csu.org
Phone: 719-668-8125