

Appendix G

Colorado Springs Utility Projects Summary

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Nixon-Kelker 230 kV Line Uprate

Project Sponsor:	Colorado Springs Utility
Additional Project Participants:	
Project Description:	Increase clearance on Nixon-Kelker 230 kV line to increase facility rating on the line.
Voltage Class:	230 kV
Facility Rating:	495 MW
Point of Origin/Location:	Nixon Substation
Point of Termination:	Kelker Substation
Intermediate Points:	
Length of Line (in Miles):	
Type of Project:	Transmission
Development Status:	In construction
Routing:	
Subregional Planning Group:	CCPG
Purpose of Project:	Increase Facility Rating
Estimated Cost (in 2021 Dollars):	\$0.2 million
Schedule:	
Construction Date:	2020
Planned Completion/In-Service Date:	2022
Regulatory Info:	
Regulatory Date:	
Permitting Info:	
Permitting Date:	
Contact Information:	Jeffrey Hanson
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North System Improvements

Project Sponsor:	Colorado Springs Utility
Additional Project Participants:	
Project Description:	Briargate Sub Expansion and 230/115kV Autotransformer Intercept Fuller-Cottonwood 230kV Line Fuller-Cottonwood Line Uprate
Voltage Class:	230 kV
Facility Rating:	495 MW
Point of Origin/Location:	Fuller Substation
Point of Termination:	Cottonwood Substation
Intermediate Points:	Briargate Substation
Length of Line (in Miles):	
Type of Project:	Substation, Transformer, Transmission
Development Status:	Planned
Routing:	
Subregional Planning Group:	CCPG
Purpose of Project:	Reliability
Estimated Cost (in 2021 Dollars):	\$16.0 million
Schedule:	
Construction Date:	2022
Planned Completion/In-Service Date:	2023
Regulatory Info:	
Regulatory Date:	
Permitting Info:	
Permitting Date:	
Contact Information:	Jeffrey Hanson
Email	jhanson@csu.org
Phone	719-668-8125

South System Improvements

Project Sponsor:	Colorado Springs Utility
Additional Project Participants:	
Project Description:	Nixon-Fountain 115kV Reconductor Fountain-Bradley 115kV Reconductor
Voltage Class:	115 kV
Facility Rating:	300 MW
Point of Origin/Location:	Nixon Substation
Point of Termination:	Bradley Substation
Intermediate Points:	Fountain Substation
Length of Line (in Miles):	
Type of Project:	Transmission
Development Status:	Planned
Routing:	
Subregional Planning Group:	CCPG
Purpose of Project:	Increase Facility Rating
Estimated Cost (in 2021 Dollars):	\$11.0 million
Schedule:	
Construction Date:	2022
Planned Completion/In-Service Date:	2023
Regulatory Info:	
Regulatory Date:	
Permitting Info:	
Permitting Date:	
Contact Information:	Jeffrey Hanson
Email	jhanson@csu.org
Phone	719-668-8125

Central System Improvements

Project Sponsor:	Colorado Springs Utility
Additional Project Participants:	
Project Description:	New Kelker-South Plant 115kV Line Rebuild Kelker Substation to Full Breaker and a Half (230 and 115kV)
Voltage Class:	230 and 115 kV
Facility Rating:	N/A
Point of Origin/Location:	Kelker Substation
Point of Termination:	South Plant Substation
Intermediate Points:	
Length of Line (in Miles):	7
Type of Project:	Substation / Transformer / Transmission
Development Status:	Planned
Routing:	
Subregional Planning Group:	CCPG
Purpose of Project:	Reliability
Estimated Cost (in 2021 Dollars):	\$90 million
Schedule:	
Construction Date:	2023
Planned Completion/In-Service Date:	2025
Regulatory Info:	
Regulatory Date:	
Permitting Info:	
Permitting Date:	
Contact Information:	Jeffrey Hanson
Email	jhanson@csu.org
Phone	719-668-8125

Flying Horse Flow Mitigation

Project Sponsor:	Colorado Springs Utility
Additional Project Participants:	
Project Description:	Install Series Reactor on Flying Horse-Monument 115kV Line Section to Mitigate Inadvertent Power Flows
Voltage Class:	115 kV
Facility Rating:	N/A
Point of Origin/Location:	Flying Horse Substation
Point of Termination:	South Plant Substation
Intermediate Points:	
Length of Line (in Miles):	
Type of Project:	Substation / Transmission
Development Status:	Planned
Routing:	
Subregional Planning Group:	CCPG
Purpose of Project:	Reliability
Estimated Cost (in 2021 Dollars):	\$1.5 million
Schedule:	
Construction Date:	2023
Planned Completion/In-Service Date:	2024
Regulatory Info:	
Regulatory Date:	
Permitting Info:	
Permitting Date:	
Contact Information:	Jeffrey Hanson
Email	jhanson@csu.org
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Fuller Transformer

Project Sponsor: Colorado Springs Utility
Additional Project Participants:
Project Description: Fuller 230/12.5kV Power Transformer Addition

Voltage Class: 230/12.5 kV
Facility Rating: 37 MW
Point of Origin/Location: Fuller 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: Load Serving

Estimated Cost (in 2021 Dollars): \$5.0 million

Schedule:

Construction Date: 2022
Planned Completion/In-Service Date: 2023

Regulatory Info:
Regulatory Date:
Permitting Info:
Permitting Date:

Contact Information: Jeffrey Hanson
Email: jhanson@csu.org
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Horizon Substation and Transformer

Project Sponsor: Colorado Springs Utility
Additional Project Participants:
Project Description: New Horizon Substation and Transformer Addition

Voltage Class: 230/12.5 kV
Facility Rating: 37 MW
Point of Origin/Location: Horizon Substation
Point of Termination:
Intermediate Points:
Length of Line (in Miles):
Type of Project: Substation, Transformer, Transmission
Development Status: Planned
Routing:
Subregional Planning Group: CCPG

Purpose of Project: Load Serving

Estimated Cost (in 2021 Dollars): \$31.2 million

Schedule:

Construction Date: 2022
Planned Completion/In-Service Date: 2023

Regulatory Info:
Regulatory Date:
Permitting Info:
Permitting Date:

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

Kettle Creek Transformer

Project Sponsor: Colorado Springs Utility
Additional Project Participants:
Project Description: Kettle Creek 115/12.5kV Power Transformer Addition

Voltage Class: 115/12.5 kV
Facility Rating: 37 MW
Point of Origin/Location: Kettle Creek 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: Load Serving

Estimated Cost (in 2021 Dollars): \$2.0 million

Schedule:

Construction Date: 2022
Planned Completion/In-Service Date: 2023

Regulatory Info:
Regulatory Date:
Permitting Info:
Permitting Date:

Contact Information: Jeffrey Hanson
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Phone: 719-668-8125

Flying Horse Transformer

Project Sponsor: Colorado Springs Utility
Additional Project Participants:
Project Description: Flying Horse 115/12.5kV Power Transformer Addition

Voltage Class: 115/12.5 kV
Facility Rating: 37 MW
Point of Origin/Location: Flying Horse 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: Load Serving

Estimated Cost (in 2021 Dollars): \$2.0 million

Schedule:

Construction Date: 2023
Planned Completion/In-Service Date: 2025
Regulatory Info:
Regulatory Date:
Permitting Info:
Permitting Date:

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

Claremont Transformer

Project Sponsor: Colorado Springs Utility
Additional Project Participants:
Project Description: Claremont 230/34.5kV Power Transformer Addition

Voltage Class: 115/34.5 kV
Facility Rating: 100 MW
Point of Origin/Location: Claremont 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: Load Serving

Estimated Cost (in 2021 Dollars): \$4.0 million

Schedule:

Construction Date: 2023
Planned Completion/In-Service Date: 2024

Regulatory Info:
Regulatory Date:
Permitting Info:
Permitting Date:

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

Pike Solar and BESS

Project Sponsor:	Colorado Springs Utility
Additional Project Participants:	
Project Description:	175 MW Solar PV Project and 75 MW BESS Interconnection – Williams Creek Substation
Voltage Class:	230 kV
Facility Rating:	N/A
Point of Origin/Location:	Williams Creek Substation
Point of Termination:	
Intermediate Points:	
Length of Line (in Miles):	
Type of Project:	Generator Interconnection
Development Status:	Planned
Routing:	
Subregional Planning Group:	CCPG
Purpose of Project:	Generator Interconnection - Renewable PPA
Estimated Cost (in 2021 Dollars):	\$5.0 million
Schedule:	
Construction Date:	2022
Planned Completion/In-Service Date:	2023
Regulatory Info:	
Regulatory Date:	
Permitting Info:	
Permitting Date:	
Contact Information:	Jeffrey Hanson
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