

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:	2026
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: Midway-Kelker 230kV Transmission Line

Voltage Class: 230 kV
Facility Rating: 600 MW
Point of Origin/Location: Midway Substation
Point of Termination: Kelker Substation
Intermediate Points:
Length of Line (in Miles):
Type of Project: Transmission
Development Status: Planned
Routing:
Subregional Planning Group: CCPG

Purpose of Project: New Transmission Line - Reliability

Estimated Cost (in 2024 Dollars): \$71.0 million

Schedule:

Construction Date: 2025
Planned Completion/In-Service Date: 2028
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 2024 Dollars):	\$134 million
Schedule:	
Construction Date:	2023
Planned Completion/In-Service Date:	2027
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:	In-Service
Routing:	
Subregional Planning Group:	CCPG
Purpose of Project:	Reliability
Estimated Cost (in 2024 Dollars):	\$3.4 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

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: In-Service
Routing:
Subregional Planning Group: CCPG

Purpose of Project: Load Serving

Estimated Cost (in 2024 Dollars): \$14.6 million

Schedule:

Construction Date: 2022
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

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: In-Service
Routing:
Subregional Planning Group: CCPG

Purpose of Project: Load Serving

Estimated Cost (in 2024 Dollars): \$47.4 million

Schedule:

Construction Date: 2022
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

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: In-Service
Routing:
Subregional Planning Group: CCPG

Purpose of Project: Load Serving

Estimated Cost (in 2024 Dollars): \$2.8 million

Schedule:

Construction Date: 2022
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

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 2024 Dollars): \$8.3 million

Schedule:

Construction Date: 2024
Planned Completion/In-Service Date: 2029
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: 230/34.5 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 2024 Dollars): \$15.8 million

Schedule:

Construction Date: 2025
Planned Completion/In-Service Date: 2026
Regulatory Info:
Regulatory Date:
Permitting Info:
Permitting Date:

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

Fuller BESS

Project Sponsor:	Colorado Springs Utility
Additional Project Participants:	
Project Description:	100 MW Battery Energy Storage Project Interconnection – Fuller Creek Substation
Voltage Class:	230 kV
Facility Rating:	N/A
Point of Origin/Location:	Fuller Substation
Point of Termination:	
Intermediate Points:	
Length of Line (in Miles):	
Type of Project:	Interconnection
Development Status:	In-Service
Routing:	
Subregional Planning Group:	CCPG
Purpose of Project:	Interconnection – Energy Storage PPA
Estimated Cost (in 2024 Dollars):	\$13.0 million
Schedule:	
Construction Date:	2024
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

Horizon Transformer

Project Sponsor:	Colorado Springs Utility
Additional Project Participants:	
Project Description:	Horizon 230/34.5kV Power Transformer Addition
Voltage Class:	230/34.5 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 2024 Dollars):	\$15.8 million
Schedule:	
Construction Date:	2025
Planned Completion/In-Service Date:	2026
Regulatory Info:	
Regulatory Date:	
Permitting Info:	
Permitting Date:	
Contact Information:	Jeffrey Hanson
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