

Appendix I

Western Area Power Administration-RMR Projects Summary

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Weld Transformer Replacement Project

Project Sponsor: Western Area Power Administration - RMR
Additional Project Participants:
Project Description: Replace the transformer at Weld due to condition/age.

Voltage Class: 230 kV
Facility Rating: 150 MVA
Point of Origin/Location: Weld 230 kV
Point of Termination: Weld 230 kV
Intermediate Points:
Length of Line (in Miles):
Type of Project: Transformer
Development Status: Planned
Routing:
Subregional Planning Group: CCPG

Purpose of Project: Replace aging equipment and increasing area reliability

Estimated Cost (in 2028 Dollars): \$9.0 million

Schedule:

Construction Date:
Planned Completion/In-Service Date: 2028
Regulatory Info:
Regulatory Date:
Permitting Info:
Permitting Date:

Contact Information: Mike Korhonen
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Blue Mesa Reactor and Transformer Project

Project Sponsor:	Western Area Power Administration - RMR
Additional Project Participants:	
Project Description:	Install a new reactor and transformer at Blue Mesa substation due to increase area voltage support.
Voltage Class:	115 kV
Facility Rating:	15 MVAR Reactor; 50MVA Transformer
Point of Origin/Location:	Blue Mesa 115 kV
Point of Termination:	
Intermediate Points:	
Length of Line (in Miles):	
Type of Project:	Transformer and Reactor
Development Status:	Planned
Routing:	
Subregional Planning Group:	CCPG
Purpose of Project:	Reliability
Estimated Cost (in 2016 Dollars):	\$9.8 million
Schedule:	
Construction Date:	
Planned Completion/In-Service Date:	2029
Regulatory Info:	
Regulatory Date:	
Permitting Info:	
Permitting Date:	
Contact Information:	Mike Korhonen
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Fort Morgan Capacitor Bank Replacement Project

Project Sponsor:	Western Area Power Administration - RMR
Additional Project Participants:	
Project Description:	Replace existing 15MVAR cap bank with larger 15/30/45 MVAR bank to provide additional area voltage support.
Voltage Class:	115 kV
Facility Rating:	15/30/45 MVAR
Point of Origin/Location:	Fort Morgan West 115 kV
Point of Termination:	Fort Morgan West 115 kV
Intermediate Points:	
Length of Line (in Miles):	
Type of Project:	Capacitor
Development Status:	Planned
Routing:	
Subregional Planning Group:	CCPG
Purpose of Project:	Provide area voltage support
Estimated Cost (in 2026 Dollars):	\$4.0 million
Schedule:	
Construction Date:	
Planned Completion/In-Service Date:	2030
Regulatory Info:	
Regulatory Date:	
Permitting Info:	
Permitting Date:	
Contact Information:	Mike Korhonen
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Ault Transformer Replacement Project

Project Sponsor:	Western Area Power Administration - RMR
Additional Project Participants:	
Project Description:	Replace the transformer at Ault due to condition/age.
Voltage Class:	345 kV
Facility Rating:	600 MVA
Point of Origin/Location:	Ault 345 kV
Point of Termination:	Ault 230 kV
Intermediate Points:	
Length of Line (in Miles):	
Type of Project:	Transformer
Development Status:	Planned
Routing:	
Subregional Planning Group:	CCPG
Purpose of Project:	Replace aging equipment and increasing area reliability
Estimated Cost (in 2028 Dollars):	\$10.0 million
Schedule:	
Construction Date:	
Planned Completion/In-Service Date:	2030
Regulatory Info:	
Regulatory Date:	
Permitting Info:	
Permitting Date:	
Contact Information:	Mike Korhonen
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Phone	970-776-6730

Sand Creek Switchyard Project

Project Sponsor: Western Area Power Administration - RMR
Additional Project Participants:
Project Description: Construct a new 115kV switchyard at Sand Creek tap.

Voltage Class: 115 kV
Facility Rating: 1200 MVA
Point of Origin/Location: Prospect Valley, CO
Point of Termination: N/A
Intermediate Points:
Length of Line (in Miles):
Type of Project: New Switchyard
Development Status: Planned
Routing:
Subregional Planning Group: CCPG

Purpose of Project: Construct new switchyard to increase area reliability

Estimated Cost (in 2028 Dollars): \$10.0 million

Schedule:

Construction Date:
Planned Completion/In-Service Date: 2027
Regulatory Info:
Regulatory Date:
Permitting Info:
Permitting Date:

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