

Appendix I

Western Area Power Administration-RMR Projects Summary

Table of Contents

Weld KV1A Replacement and Breaker and Half Project	2
Blue Mesa Reactor and Transformer Project.....	3
Fort Morgan Capacitor Bank Replacement Project	4

Weld KV1A Replacement and Breaker and Half Project

Project Sponsor:	Western Area Power Administration - RMR
Additional Project Participants:	
Project Description:	Replace the KV1A at Weld due to condition/age. Convert to breaker and half to increase reliability.
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):	\$13.8 million
Schedule:	
Construction Date:	
Planned Completion/In-Service Date:	2030
Regulatory Info:	
Regulatory Date:	
Permitting Info:	
Permitting Date:	
Contact Information:	Mike Korhonen
Email	Korhonen@wapa.gov
Phone	970-776-6730

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):	\$9.7 million
Schedule:	
Construction Date:	
Planned Completion/In-Service Date:	2032
Regulatory Info:	
Regulatory Date:	
Permitting Info:	
Permitting Date:	
Contact Information:	Mike Korhonen
Email	Korhonen@wapa.gov
Phone	970-776-6730

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 45 MVAR bank to provide additional area voltage support.
Voltage Class:	115 kV
Facility Rating:	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):	\$2.0 million
Schedule:	
Construction Date:	
Planned Completion/In-Service Date:	2027
Regulatory Info:	
Regulatory Date:	
Permitting Info:	
Permitting Date:	
Contact Information:	Mike Korhonen
Email	Korhonen@wapa.gov
Phone	970-776-6730