

Appendix H

Platte River Power Authority

Project Summary

Table of Contents

Black Hollow Solar Phase 2 Project	H-2
Weld Battery Energy Storage System Project	H-3
Rawhide Aeroderivative Turbine Project	H-4

Black Hollow Solar Phase 2 Project

Project Sponsor: Platte River Power Authority
Additional Project Participants:
Project Description: Phase 2 of solar power plant added at Severance substation.

Voltage Class: 230 kV
Facility Rating: 107 MW (of 257 MW total)
Point of Origin/Location: Severance 230 kV
Point of Termination: Severance 230 kV
Intermediate Points:
Length of Line (in Miles):
Type of Project: Interconnection - Solar power plant
Development Status:
Routing:
Subregional Planning Group: CCPG

Purpose of Project: Renewable Generation

Estimated Cost (interconnection, in 2026 Dollars): \$0 (interconnection cost included in prior phase)

Schedule:

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

Contact Information: Jeremy Brownrigg
Email: brownriggj@prpa.org
Phone: 970-266-7979

Weld Battery Energy Storage System Project

Project Sponsor:	Platte River Power Authority
Additional Project Participants:	
Project Description:	100 MW, 4-hour duration battery energy storage system added at Severance substation.
Voltage Class:	230 kV
Facility Rating:	100 MW, 4-hour
Point of Origin/Location:	Severance 230 kV
Point of Termination:	Severance 230 kV
Intermediate Points:	
Length of Line (in Miles):	
Type of Project:	Interconnection - Battery energy storage system
Development Status:	
Routing:	
Subregional Planning Group:	CCPG
Purpose of Project:	System Reliability
Estimated Cost (interconnection, in 2026 Dollars):	\$3.6 million
Schedule:	
Construction Date:	
Planned Completion/In-Service Date:	2026
Regulatory Info:	
Regulatory Date:	
Permitting Info:	
Permitting Date:	
Contact Information:	Jeremy Brownrigg
Email	brownriggj@prpa.org
Phone	970-266-7979

Rawhide Bus Expansion and Aeroderivative Turbine Project

Project Sponsor:	Platte River Power Authority
Additional Project Participants:	
Project Description:	Five gas aeroderivative turbines added at Rawhide substation and associated bus expansion.
Voltage Class:	230 kV
Facility Rating:	200 MW total
Point of Origin/Location:	Rawhide 230 kV
Point of Termination:	Rawhide 230 kV
Intermediate Points:	
Length of Line (in Miles):	
Type of Project:	Interconnection – Gas aeroderivative turbine
Development Status:	
Routing:	
Subregional Planning Group:	CCPG
Purpose of Project:	Dispatchable Generation
Estimated Cost (interconnection, in 2026 Dollars):	\$21 million
Schedule:	
Construction Date:	
Planned Completion/In-Service Date:	2028
Regulatory Info:	
Regulatory Date:	
Permitting Info:	
Permitting Date:	
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