



**Western Area
Power Administration**

2024 Annual Progress Report

I. WAPA – Rocky Mountain Region

A. Stegall 230-kV Breaker-and-a-half Conversion

a) Description of Work:

Convert the existing Main and Transfer bus configuration to Breaker-and-a-half.

b) Estimate Completion Date:

4th Quarter 2028

II. WAPA – Desert Southwest Region

A. Pinal Central – ED5 Transmission Line

a) Description of Work:

Construct a new 230kV transmission line, connecting the existing Pinal Central substation to the existing ED-5 substation.

b) Completion Date:

4th Quarter 2025

B. Bouse Upgrade

a) Description of Work:

- Expand the existing Bouse Substation by adding a 230kV bus.
- Add two 230/161kV Transformer Banks at the Bouse substation.
- Construct a new 230kV transmission line, connecting the Bouse Substation to the existing Parker-Liberty #2 transmission line. New configuration will be Parker – Bouse – Liberty 230kV transmission line.
- Connect the existing Parker-Headgate Rock 161kV transmission line to the existing Parker-Bouse 161kV transmission line. New configuration will be Headgate Rock – Bouse 161kV transmission line.

b) Completion Date:

4th Quarter 2027

III. WAPA – Upper Great Plains Region

Nothing to report.

IV. WAPA – Sierra Nevada Region

WASN (WAPA-SNR) does not have new generation projects (200 MW or greater) or any new upgraded transmission facility over 200 kV. In addition, there are no planned facilities, or other changes (e.g., operating procedures) below these thresholds that may have a significant impact on the reliability of the WECC interconnected electric system.