

## Proposed Solution: 2024-W1-708

- Construct a new 175 miles Amos to Welton Springs 765 kV line. Add one 765 kV breaker at Amos Substation to expand the breaker and a half scheme to accommodate the new Amos - Welton Springs 765 kV Line.
- Construct a new switchyard (Welton Springs) with 765 kV bus, two 250 MVAR shunt capacitors, and a +/-500 MVAR STATCOM.
- Construct a new 86 miles Welton Springs to Rocky Point 765 kV line.
- Construct a new substation called Rocky Point with a 765 kV and a 500 kV yard. Loop in the Doubs - Goose Creek 500 kV line, the Doubs - Aspen 500 kV line, and the Woodside – Goose Creek 500 kV line.
- Expand Black Oak Substation to accommodate the connection of the 502 Jct - Woodside 500 kV line and loop the 502 Jct – Woodside 500 kV line into the Black Oak substation by constructing ~0.85 miles of new 500 kV line into and out of Black Oak 500 kV substation.
- Upgrade the terminal equipment on the Doubs No. 1 500/230 kV Transformer.

**Estimated Cost: \$1,944.98 M**

**Required IS Date: 6/1/2029**

**Projected IS Date: 12/1/2029**

