

Power Lines Near Pinal West Substation (Mobile, AZ)

Existing Infrastructure

- Line 1: A single-circuit 500kV line was energized in 2008, running approximately 52 miles into Pinal West.
- Line 2: SRP has approval and ongoing preparations to construct a parallel second 500kV line, although its construction has been extended to by May 24, 2034.

Capacity Details

- Each of these lines is a single-circuit 500kV triple-bundle conductor, capable of transmitting up to 1,400MW.
- With two lines in place, the total capacity feeding Pinal West is approximately 2,800MW.

Summary of Power Flow Near Pinal West

Circuit	Voltage	Configuration	Approx. Capacity
1	500kV	Single-circuit, triple-bundle	~1,400MW
2	500kV	Same as above (planned)	~1,400MW
Total		Combined	~2,800MW

So in and around the Pinal West Substation, you're looking at two 500kV lines, each roughly 1.4GW, giving a combined corridor capacity of about 2.8GW.