

2024-25 Power Infrastructure Plan: Achievements and Goals

2023-24 Achievements



Distribution

- 2,931 poles replaced
- 10,947 crossarms replaced
- 1,305 transformers replaced
- 60.4 miles of underground cable replaced
- 24 substructures replaced



Substations

- 23 distribution circuit breakers (4.8 kv) replaced
- 23 sub-transmission circuit breakers (34.5 kv) replaced
- 3 transmission circuit breakers (>100kv) replaced
- 13 distribution transformers replaced



Transmission System

- Retrofitted 5 maintenance hole covers
- Completed construction of 12 miles of overhead transmission line for new Castaic-Haskell 230 kV Line 3
- Completed construction of 11 miles of underground transmission line for new Scattergood-Olympic Cable B



Generation

- Completed 5 major generator inspections (Haynes Generating Station Units 11 & 14, Scattergood Generating Station Units 4 & 5, Castaic Power Plant Unit 5)
- Completed 4 minor generator inspections (Valley Generating Station Units 6, 7 & 8 and Haynes Generating Station Unit 2)

2024-25 Goals



Distribution

- Replace 3,600 poles
- Replace 13,500 crossarms
- Replace 1,274 transformers
- Replace 60 miles of underground cable
- Replace 27 substructures



Substations

- Replace 5 transformer banks (2 SS and 3 RS)
- Replace 75 distribution circuit breakers (4.8 kV)
- Replace 59 sub-transmission breakers (34.5 kV)
- Replace 15 transmission breakers (>100 kV)
 - Replace 15 station batteries
- Replace 26 distribution transformers
 - Automate 12 substations



Transmission System

- Complete underground transmission lines Scattergood-Pershing Cables A & B and Olympic-Pershing Cables A & B



Generation

- Perform inspections and repairs on Valley Generating Station Unit 7, Haynes Generating Station Unit 1, Castaic Power Plant Units 3 & 5, and San Francisquito Power Plant 2 Unit 3