

THE FUTURE OF POWER IN LA

McCullough-Victorville Transmission Lines 1 and 2

Project Description

McCullough-Victorville (MCC-VIC) Transmission Lines 1 and 2 are two existing 500 kilovolt (kV) electrical power lines supported on approximately 1,740 single-circuit

placed the first MCC-VIC Transmission Line in service as a 287.5 kV transmission line and then the second MCC-VIC Transmission Line was placed in service in 1939. In 1970, one line was upgraded to 500 kV and then in 1980 the second line was upgraded accordingly.

These transmission lines are a part of 14 high voltage transmission lines that run on the West of River (WOR) Path 46, from southeast California and Nevada up to the Colorado River.



Purpose

Increase LADWP's share of transmission capacity on West of River (WOR) Path 46 through

- Transmission line improvements to increase the rating and capacity;
- Allows for delivery of additional renewable energy from the East territory region;
- Increases energy transmission capacity by 475 megawatts (MW) which is equivalent to powering 300,000 homes for one year.

Project Schedule: **Region:**

Tentative Start – May 2026
 Tentative End – December 2028

Victorville, CA
 Searchlight, NV

towers, and spanning over 160 miles from McCullough Switching Station in Nevada, through several mountain ranges, into the Mojave Desert and ending at the Victorville Switching Station in California. This project supports LADWP's goal to transition to a clean energy future, with ongoing efforts to transition from coal to renewable energy, influenced by Los Angeles City Council's vote in 2021 to commit to 100% carbon-free energy. In 1936, LADWP

Scope

- Retrofit existing towers & conductors;
- Replace insulators & hardware assemblies;
- Replace & repair tower foundations;
- Repair existing roads.