Pacific Intertie – A partnership nearing half a century

Sylmar station upgrade – Enhanced efficiency and reliability of power supply

The 846 miles (1,362 km)

Long Pacific HVDC Interie allows power to flow between the Northwest and Southern California, helping to balance supply with demand.

Lifetime commitment

Now Upgrade of Sylmar station to enhance and improve efficiency and reliability of power supply.

2016 Refurbishment and upgrade of Celilo converter station.
3,800 megawatts, ±560 kilovolts

2004 Modernization and life extension of Sylmar converter station.

1989 ABB commissions the Pacific Intertie Expansion.
3,100 megawatts, ±500 kilovolts

1985 Upgrade.
2,000 megawatts, ±500 kilovolts

1975 Transmission rating raised.
1,600 megawatts, ±400 kilovolts

1970 ABB commissions Pacific Intertie HVDC link.
1,440 megawatts, ±400 kilovolts

An HVDC link in an AC grid

MACH, the market leading control and protection system for HVDC.

Optimized for the unique requirements of the Pacific Intertie.