

CPUC Data Request No. 6-2: San Joaquin Cross Valley Loop Transmission Line Construction Duration Estimates¹

Transmission Line Construction Activity	Route 1 Mileage	Months of Construction	Route 2 Mileage	Months of Construction	Route 3 Mileage	Months of Construction	Route 6 Mileage²	Months of Construction
Marshalling yard preparation	-	1	-	1	-	1	-	tbd ³
Demolition of existing Big Creek #3 -Rector 220kV transmission facilities ⁴	1.1	1	10.8	4	14.6	5	8.1	tbd
Construction of new Big Creek #1 & #3 - Rector Double Circuit Transmission Line ⁵	1.1	2	10.8	6	14.6	8	8.1	tbd
Demolition of existing Big Creek #1 -Rector 220kV transmission facilities ⁶	1.1	1	10.8	4	14.6	5	8.1	tbd
Construction of new Cross Valley 220kV Double Circuit Transmission Line within the Big Creek-Rector Corridor	1.1	2	10.8	6	14.6	8	8.1	tbd
Construction of new Cross Valley 220kV Double Circuit Transmission Line across San Joaquin Valley	17.4	10	12.2	7	9.7	9	12.4	tbd
Construction of new Cross Valley 220kV Double Circuit Transmission Line tap into Big Creek-Springville Corridor	-	1	-	1	-	1	-	tbd
Project Post construction clean-up and restoration	-	1	-	2	-	2	-	tbd
Total Linear Miles for each Route Alternative	18.5	-	23.0	-	24.3	-	20.5	-
Total Circuit Miles for each Route Alternative	39.2	-	67.6	-	77.8	-	57.2	-
Total Project Construction Start to Finish Duration of each Alternative Route (without outage constraints) ⁷	-	12	-	20	-	24	-	tbd

¹ Adapted from SJXVL PEA Table 3.5. Incorporates workforce production assumptions described in SJXVL PEA Table 3.4, and schedule assumptions described in SJXVL PEA Section 3.12.

² Mileage estimates for CPUC-proposed Route Alternative 6 are based on CPUC drawings provided to SCE in February 2009.

³ To be determined.

⁴ Construction work in the existing Big Creek corridor is subject to transmission line system outage restrictions to be determined and approved by SCE Grid Operations and the California Independent System Operator (CAISO). Extended transmission line outages to enable construction work in the existing Big Creek corridor are typically not authorized from April 1 through October 1 in order to maintain electric system reliability.

⁵ See Footnote 4.

⁶ See Footnote 4.

⁷ The Total Project Construction Start to Finish Durations do not account for transmission line outage restrictions in the existing Big Creek corridor. Given that the combined work activities in the existing Big Creek corridor are expected to exceed 6 months in duration for SCE Route Alternatives 2, 3, and CPUC-proposed Route Alternative 6, an additional 6-12 months in construction time may be required to work around the April 1 through October 1 outage restrictions. In addition, these durations do not reflect time for delays due to weather, extended environmental and/or regulatory approval requirements, extended property rights acquisition, or extended material procurement.