

Application No.: A.23-05-010
Exhibit No.: SCE-02 Vol. 09
Witnesses: T. Anderson
K. Davis



(U 338-E)

2025 General Rate Case

Poles

Before the
Public Utilities Commission of the State of California

Rosemead, California
May 12, 2023

Table V-6
Development of Pole Replacement Unit Costs
(Nominal \$)

Distribution Pole Replacements	2023	2024	2025	2026	2027	2028
Base Unit Cost	\$23,147	\$23,151	\$23,151	\$23,147	\$23,147	\$23,147
Contractor Rate Increase	\$880	\$880	\$880	\$880	\$880	\$880
Design Standard Decision Document (DSDD)	\$460	\$736	\$764	\$460	\$460	\$460
Line and Non-Line Contractor Cost	\$699	\$699	\$699	\$699	\$699	\$699
Replacement Type and Location	\$454	\$454	\$454	\$454	\$454	\$454
Contract Design Rate Increase	\$365	\$365	\$365	\$365	\$365	\$365
Pole Material Cost Increase	\$297	\$297	\$297	\$297	\$297	\$297
Construction Resource Mix	(\$147)	(\$147)	(\$147)	(\$147)	(\$147)	(\$147)
Change in Material Type Mix	(\$60)	(\$60)	(\$60)	(\$60)	(\$60)	(\$60)
Total Unit Cost (Constant)	\$26,095	\$26,375	\$26,404	\$26,095	\$26,095	\$26,095
Total Unit Cost (Nominal)	\$27,500	\$29,170	\$29,914	\$29,814	\$30,022	\$30,459

Transmission Pole Replacements	2023	2024	2025	2026	2027	2028
Base Unit Cost	\$36,218	\$36,218	\$36,218	\$36,218	\$36,218	\$36,218
Design Standard Decision Document (DSDD)	\$1,255	\$1,254	\$1,698	\$1,247	\$1,247	\$1,247
Replacement Type and Location	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250
Pole Material Cost Increase	\$235	\$235	\$235	\$235	\$235	\$235
Construction Resource Mix	(\$1,781)	(\$1,781)	(\$1,781)	(\$1,781)	(\$1,781)	(\$1,781)
Total Unit Cost (Constant)	\$37,177	\$37,176	\$37,621	\$37,169	\$37,169	\$37,169
Total Unit Cost (Nominal)	\$38,530	\$39,120	\$39,823	\$39,591	\$40,036	\$40,655

Underbuild Pole Replacements	2023	2024	2025	2026	2027	2028
Base Unit Cost	\$10,184	\$10,184	\$10,184	\$10,184	\$10,184	\$10,184
Replacement Type and Location	(\$812)	(\$812)	(\$812)	(\$812)	(\$812)	(\$812)
Total Unit Cost (Constant)	\$9,372	\$9,372	\$9,372	\$9,372	\$9,372	\$9,372
Total Unit Cost (Nominal)	\$9,876	\$10,365	\$10,618	\$10,708	\$10,782	\$10,939

Telecom Pole Replacements	2023	2024	2025	2026	2027	2028
Base Unit Cost (Constant)	\$19,640	\$19,640	\$19,640	\$19,640	\$19,640	\$19,640
Total Unit Cost (Nominal)	\$20,355	\$20,667	\$20,790	\$20,920	\$21,155	\$21,482

(a) **Base Unit Cost**

The base unit cost forecast includes the following components: base unit costs, environmental costs, B-item material costs, and overhead costs. SCE developed its forecast based on the analysis of pole replacement costs derived from historical data from closed work orders. The base unit costs components are summarized in Figure V-6 above and discussed below.

For Distribution, SCE determined the 2022 closed work orders was the best representation of a Distribution pole's base unit cost. Transmission installations are more complex and require additional planning, extending over multiple years. SCE determined that using a 2021 and 2022 closed work order sample was the best representation for Transmission,