

ATTACHMENT 1

SCE's Supplemental Response to the California Public Utilities Commissions' Deficiency Report for the Riverside Transmission Reliability Project Application (A.15-04-013)

**Riverside Transmission Reliability Project (RTRP) Preliminary Estimated Cost Comparison
RTRP Final EIR Overhead (OH) transmission route vs. Underground (UG) Scenarios
described in SCE's RTRP 230 kV Underground Alternatives Desktop Study, July 2015**

2015 Dollars

Project Element	Project Cost ¹		
	As filed in CPCN application (~10 mi OH)	UG EIR Route Alternative (~5.5 mi OH, ~4.5 mi UG)	UG Wineville Route Alternative (~5.5 mi OH, ~3.6 mi UG)
Network Upgrades (NU)			
Licensing	\$6	\$8	\$8
Substation	\$17	\$16	\$16
Substation Reactive Compensation	n/a	\$28	\$28
Transmission (>200kV) - Overhead (OH)	\$80	\$44	\$44
Transmission (>200kV) - Underground (UG)	n/a	\$186	\$163
Telecom	\$2	\$2	\$2
Edison Carrier Solutions	\$1	\$1	\$1
Power System Control	\$0.1	\$0.1	\$0.1
Real Properties	\$74	\$55	\$41
Environmental	\$14	\$10	\$10
Direct Expenditures	\$194	\$349	\$328
Contingency²	\$28	\$95	\$90
Total Direct Expenditures with Contingency	\$222	\$443	\$419

NOTES:

¹ Direct Costs in millions of 2015 constant dollars, excludes corporate overhead and cost of financing

² Contingency as filed in CPCN Application is 15%, contingency for Reactive Compensation & UG Transmission is 35%