

**SOUTHERN CALIFORNIA GAS COMPANY**

Risk Assessment and Mitigation Phase

2025 Report

Chapter: SCG-Risk-1

Number: SCG-R01-WP

# **Excavation Damage O&M Workpapers**

**SOUTHERN CALIFORNIA GAS COMPANY**

May 15, 2025



## 2025 Risk Assessment & Mitigation Phase

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### Risk Chapter 2OR01: SCG-RISK-1 EXCAVATION DAMAGE

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Summary of Risk Chapter: 2OR01 - SCG-Risk-1 Excavation Damage

In 2024 \$ (000s) Incurred Costs												
	Adjusted Recorded					Adjusted Forecast						
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Control/Mitigation	26,860	28,969	30,476	32,121	34,742	34,414	35,032	35,650	38,106	39,297	40,344	41,105
Alternative Mitigation	0	0	0	0	0	166,623	166,623	166,623	166,623	166,623	166,623	166,623
Units	See detailed pages for Units as the unit measure can vary for each mitigation.											

**Note:** Totals may include rounding differences.

Risk Chapter: **SCG-Risk-1 Excavation Damage**  
Risk ID: **2OR01**

**In 2024 \$ (000s) Incurred Costs**

Mitigation		Unit Measure	Adjusted Recorded					Adjusted Forecast						
ID	Name		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
A001	MP Stand-By for Repeat Off	USA tickets	0	0	0	0	0	165,033	165,033	165,033	165,033	165,033	165,033	165,033
A002	Installation of non-required E	Installations	0	0	0	0	0	1,590	1,590	1,590	1,590	1,590	1,590	1,590
C001	Damage Prevention Strategi	USA tickets	805	951	769	1,298	1,391	1,391	1,391	1,391	1,391	1,964	2,393	2,536
C002	Damage Prevention Activitie	USA tickets	24,929	26,176	28,121	28,151	29,355	29,778	30,396	31,014	31,632	32,250	32,868	33,486
C003	Damage Prevention - Public	Communica	1,126	1,842	1,512	1,878	2,904	2,153	2,153	2,153	3,991	3,991	3,991	3,991
C004	Damage Prevention Mappin	USA tickets	0	0	74	794	1,092	1,092	1,092	1,092	1,092	1,092	1,092	1,092

**Units**

Mitigation		Unit Measure	Adjusted Recorded					Adjusted Forecast						
ID	Name		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
A001	MP Stand-By for Repeat Off	USA tickets	0	0	0	0	0	146,696	146,696	146,696	146,696	146,696	146,696	146,696
A002	Installation of non-required E	Installations	0	0	0	0	0	220	220	220	220	220	220	220
C001	Damage Prevention Strategi	USA tickets	938,358	1,043,299	1,104,907	1,043,761	1,032,221	1,032,221	1,032,221	1,032,221	1,032,221	1,032,221	1,032,221	1,032,221
C002	Damage Prevention Activitie	USA tickets	938,358	1,043,299	1,104,907	1,043,761	1,032,221	987,610	951,267	914,924	878,581	842,238	805,895	769,552
C003	Damage Prevention - Public	Communica	6,170,734	6,719,468	6,272,051	6,774,775	6,333,063	6,524,839	6,524,839	6,524,839	7,177,322	7,177,322	7,177,322	7,177,322
C004	Damage Prevention Mappin	USA tickets	938,358	1,043,299	1,104,907	1,043,761	1,032,221	1,032,221	1,032,221	1,032,221	1,032,221	1,032,221	1,032,221	1,032,221

**Note:** Totals may include rounding differences.

Risk Chapter: **SCG-Risk-1 Excavation Damage**  
Risk ID: **2OR01**

**Appendix A: Forecast Methodology**

Mitigation ID	Mitigation Name	Labor	Non-Labor	NSE	Units
A001	MP Stand-By for Repeat Offenders	Base YR Rec	Base YR Rec	Base YR Rec	Base YR Rec
A002	Installation of non-required EFVs	Base YR Rec	Base YR Rec	Base YR Rec	Base YR Rec
C001	Damage Prevention Strategies	Base YR Rec	Base YR Rec	Base YR Rec	Base YR Rec
C002	Damage Prevention Activities - Gas	3-YR Linear	3-YR Linear	3-YR Linear	3-YR Linear
C003	Damage Prevention - Public Awareness	Base YR Rec	Base YR Rec	Base YR Rec	Base YR Rec
C004	Damage Prevention Mapping	Base YR Rec	Base YR Rec	Base YR Rec	Base YR Rec

Risk Chapter: **SCG-Risk-1 Excavation Damage**  
Risk ID: **2OR01**

**Appendix B: Unit Measure**

Mitigation ID	Mitigation Name	Unit Measure
A001	MP Stand-By for Repeat Offenders	USA tickets
A002	Installation of non-required EFVs	Installations
C001	Damage Prevention Strategies	USA tickets
C002	Damage Prevention Activities - Gas	USA tickets
C003	Damage Prevention - Public Awareness	Communications sent
C004	Damage Prevention Mapping	USA tickets