

SAN DIEGO GAS & ELECTRIC COMPANY

Risk Assessment and Mitigation Phase

2025 Report

Chapter: SDG&E-Risk-7

Number: SDG&E-R07-CWP

Contractor Safety Capital Workpapers

SAN DIEGO GAS & ELECTRIC COMPANY

May 15, 2025



2025 Risk Assessment & Mitigation Phase

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Risk Chapter 1CR07: SDG&E-RISK-7 CONTRACTOR SAFETY

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Summary of Risk Chapter: 1CR07 - SDG&E-Risk-7 Contractor Safety

In 2024 \$ (000s) Incurred Costs												
	Adjusted Recorded					Adjusted Forecast						
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Control/Mitigation	0	0	5,610	5,531	4,754	4,859	4,859	4,859	4,859	4,859	4,859	4,859
Alternative Mitigation	0	0	0	0	0	3,177	3,177	3,177	3,177	3,177	3,177	3,177
Units	See detailed pages for Units as the unit measure can vary for each mitigation.											

Note: Totals may include rounding differences.

Risk Chapter: **SDG&E-Risk-7 Contractor Safety**
Risk ID: **1CR07**

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
A395	Dedicated Contractor Safety	FTEs	0	0	0	0	0	3,177	3,177	3,177	3,177	3,177	3,177	3,177
C304	Contractor Safety Field Over	Class 1 Con	0	0	5,610	5,531	4,754	4,803	4,803	4,803	4,803	4,803	4,803	4,803
M307	Risk Informed Class 1 Contr	FTEs	0	0	0	0	0	56	56	56	56	56	56	56

Units

Mitigation		Unit Measure	Adjusted Recorded					Adjusted Forecast						
ID	Name		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
A395	Dedicated Contractor Safety	FTEs	0	0	0	0	0	20	20	20	20	20	20	20
C304	Contractor Safety Field Over	Class 1 Con	0	0	7,897,505	8,456,549	7,249,839	7,249,839	7,249,839	7,249,839	7,249,839	7,249,839	7,249,839	7,249,839
M307	Risk Informed Class 1 Contr	FTEs	0	0	0	0	0	1	1	1	1	1	1	1

Note: Totals may include rounding differences.

Supplemental Workpapers

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Risk Chapter **SDG&E-Risk-7-Contractor Safety**
Risk ID: **1CR07A395: Alternative - Dedicated Contractor Safety Field Oversight Team**

Year	Forecast Description	(000s)			# FTEs
		Labor	Non-Labor	TOTAL	
2025	10 Incremental AD2 FTEs as dedicated field presence support (in lieu of contractor support) to promote safe work practices, including field safety observations and engagements, contractor event documentation, pre-construction meetings, and weekly/monthly meetings. Labor: 10 FTEs*\$120,750=\$1,207,500 Non-Labor: \$30,000/FTE*10=\$300,000 (phone, training, other office expenses, vehicles)	1,208	300	1,508	10.0
2025	10 Incremental AD3 FTEs as dedicated field presence support (in lieu of contractor support) to promote safe work practices, including field safety observations and engagements, contractor event documentation, pre-construction meetings, and weekly/monthly meetings. Labor: 10 FTEs*\$136,900=\$1,369,000 Non-Labor: \$30,000/FTE*10=\$300,000 (phone, training, other office expenses, vehicles)	1,369	300	1,669	10.0
2026	10 Incremental AD2 FTEs as dedicated field presence support (in lieu of contractor support) to promote safe work practices, including field safety observations and engagements, contractor event documentation, pre-construction meetings, and weekly/monthly meetings. Labor: 10 FTEs*\$120,750=\$1,207,500 Non-Labor: \$30,000/FTE*10=\$300,000 (phone, training, other office expenses, vehicles)	1,208	300	1,508	10.0
2026	10 Incremental AD3 FTEs as dedicated field presence support (in lieu of contractor support) to promote safe work practices, including field safety observations and engagements, contractor event documentation, pre-construction meetings, and weekly/monthly meetings. Labor: 10 FTEs*\$136,900=\$1,369,000 Non-Labor: \$30,000/FTE*10=\$300,000 (phone, training, other office expenses, vehicles)	1,369	300	1,669	10.0
2027	10 Incremental AD2 FTEs as dedicated field presence support (in lieu of contractor support) to promote safe work practices, including field safety observations and engagements, contractor event documentation, pre-construction meetings, and weekly/monthly meetings. Labor: 10 FTEs*\$120,750=\$1,207,500 Non-Labor: \$30,000/FTE*10=\$300,000 (phone, training, other office expenses, vehicles)	1,208	300	1,508	10.0
2027	10 Incremental AD3 FTEs as dedicated field presence support (in lieu of contractor support) to promote safe work practices, including field safety observations and engagements, contractor event documentation, pre-construction meetings, and weekly/monthly meetings. Labor: 10 FTEs*\$136,900=\$1,369,000 Non-Labor: \$30,000/FTE*10=\$300,000 (phone, training, other office expenses, vehicles)	1,369	300	1,669	10.0
2028	10 Incremental AD2 FTEs as dedicated field presence support (in lieu of contractor support) to promote safe work practices, including field safety observations and engagements, contractor event documentation, pre-construction meetings, and weekly/monthly meetings. Labor: 10 FTEs*\$120,750=\$1,207,500 Non-Labor: \$30,000/FTE*10=\$300,000 (phone, training, other office expenses, vehicles)	1,208	300	1,508	10.0
2028	10 Incremental AD3 FTEs as dedicated field presence support (in lieu of contractor support) to promote safe work practices, including field safety observations and engagements, contractor event documentation, pre-construction meetings, and weekly/monthly meetings. Labor: 10 FTEs*\$136,900=\$1,369,000 Non-Labor: \$30,000/FTE*10=\$300,000 (phone, training, other office expenses, vehicles)	1,369	300	1,669	10.0
2029	10 Incremental AD2 FTEs as dedicated field presence support (in lieu of contractor support) to promote safe work practices, including field safety observations and engagements, contractor event documentation, pre-construction meetings, and weekly/monthly meetings. Labor: 10 FTEs*\$120,750=\$1,207,500 Non-Labor: \$30,000/FTE*10=\$300,000 (phone, training, other office expenses, vehicles)	1,208	300	1,508	10.0
2029	10 Incremental AD3 FTEs as dedicated field presence support (in lieu of contractor support) to promote safe work practices, including field safety observations and engagements, contractor event documentation, pre-construction meetings, and weekly/monthly meetings. Labor: 10 FTEs*\$136,900=\$1,369,000 Non-Labor: \$30,000/FTE*10=\$300,000 (phone, training, other office expenses, vehicles)	1,369	300	1,669	10.0
2030	10 Incremental AD2 FTEs as dedicated field presence support (in lieu of contractor support) to promote safe work practices, including field safety observations and engagements, contractor event documentation, pre-construction meetings, and weekly/monthly meetings. Labor: 10 FTEs*\$120,750=\$1,207,500 Non-Labor: \$30,000/FTE*10=\$300,000 (phone, training, other office expenses, vehicles)	1,208	300	1,508	10.0
2030	10 Incremental AD3 FTEs as dedicated field presence support (in lieu of contractor support) to promote safe work practices, including field safety observations and engagements, contractor event documentation, pre-construction meetings, and weekly/monthly meetings. Labor: 10 FTEs*\$136,900=\$1,369,000 Non-Labor: \$30,000/FTE*10=\$300,000 (phone, training, other office expenses, vehicles)	1,369	300	1,669	10.0
2031	10 Incremental AD2 FTEs as dedicated field presence support (in lieu of contractor support) to promote safe work practices, including field safety observations and engagements, contractor event documentation, pre-construction meetings, and weekly/monthly meetings. Labor: 10 FTEs*\$120,750=\$1,207,500 Non-Labor: \$30,000/FTE*10=\$300,000 (phone, training, other office expenses, vehicles)	1,208	300	1,508	10.0
2031	10 Incremental AD3 FTEs as dedicated field presence support (in lieu of contractor support) to promote safe work practices, including field safety observations and engagements, contractor event documentation, pre-construction meetings, and weekly/monthly meetings. Labor: 10 FTEs*\$136,900=\$1,369,000 Non-Labor: \$30,000/FTE*10=\$300,000 (phone, training, other office expenses, vehicles)	1,369	300	1,669	10.0

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Risk Chapter SDG&E-Risk-7-Contractor Safety
Risk ID: 1CR07M307: Mitigation - Risk Informed Class 1 Contractor Safety Program Management

Year	Forecast Description	(000s)			# FTEs
		Labor	Non-Labor	TOTAL	
2025	1 Incremental AD3 FTE to advance HECA operationalization (60% O&M / 40% Capital Contractor Field Safety Management Pool) Labor: 1 FTE*\$136,900*40%=\$54,760 Non-Labor: \$3,000/FTE*40%=\$1,200 (phone, training, and other office expenses)	55	1	56	0.4
2026	1 Incremental AD3 FTE to advance HECA operationalization (60% O&M / 40% Capital Contractor Field Safety Management Pool) Labor: 1 FTE*\$136,900*40%=\$54,760 Non-Labor: \$3,000/FTE*40%=\$1,200 (phone, training, and other office expenses)	55	1	56	0.4
2027	1 Incremental AD3 FTE to advance HECA operationalization (60% O&M / 40% Capital Contractor Field Safety Management Pool) Labor: 1 FTE*\$136,900*40%=\$54,760 Non-Labor: \$3,000/FTE*40%=\$1,200 (phone, training, and other office expenses)	55	1	56	0.4
2028	1 Incremental AD3 FTE to advance HECA operationalization (60% O&M / 40% Capital Contractor Field Safety Management Pool) Labor: 1 FTE*\$136,900*40%=\$54,760 Non-Labor: \$3,000/FTE*40%=\$1,200 (phone, training, and other office expenses)	55	1	56	0.4
2029	1 Incremental AD3 FTE to advance HECA operationalization (60% O&M / 40% Capital Contractor Field Safety Management Pool) Labor: 1 FTE*\$136,900*40%=\$54,760 Non-Labor: \$3,000/FTE*40%=\$1,200 (phone, training, and other office expenses)	55	1	56	0.4
2030	1 Incremental AD3 FTE to advance HECA operationalization (60% O&M / 40% Capital Contractor Field Safety Management Pool) Labor: 1 FTE*\$136,900*40%=\$54,760 Non-Labor: \$3,000/FTE*40%=\$1,200 (phone, training, and other office expenses)	55	1	56	0.4
2031	1 Incremental AD3 FTE to advance HECA operationalization (60% O&M / 40% Capital Contractor Field Safety Management Pool) Labor: 1 FTE*\$136,900*40%=\$54,760 Non-Labor: \$3,000/FTE*40%=\$1,200 (phone, training, and other office expenses)	55	1	56	0.4

Risk Chapter: **SDG&E-Risk-7 Contractor Safety**
Risk ID: **1CR07**

Appendix A: Forecast Methodology

Mitigation ID	Mitigation Name	Labor	Non-Labor	NSE	Units
A395	Dedicated Contractor Safety Field Oversight Team	Zero-Based	Zero-Based	Zero-Based	Zero-Based
C304	Contractor Safety Field Oversight	Base YR Rec	Base YR Rec	Base YR Rec	Base YR Rec
M307	Risk Informed Class 1 Contractor Safety Program Management	Zero-Based	Zero-Based	Zero-Based	Zero-Based

Risk Chapter: **SDG&E-Risk-7 Contractor Safety**
Risk ID: **1CR07**

Appendix B: Unit Measure

Mitigation ID	Mitigation Name	Unit Measure
A395	Dedicated Contractor Safety Field Oversight Team	FTEs
C304	Contractor Safety Field Oversight	Class 1 Contractor Hours
M307	Risk Informed Class 1 Contractor Safety Program Management	FTEs