

SAN DIEGO GAS & ELECTRIC COMPANY

Risk Assessment and Mitigation Phase

2025 Report

Chapter: SDG&E-Risk-7

Number: SDG&E-R07-WP

Contractor Safety O&M Workpapers

SAN DIEGO GAS & ELECTRIC COMPANY

May 15, 2025



2025 Risk Assessment & Mitigation Phase

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Risk Chapter 1OR07: SDG&E-RISK-7 CONTRACTOR SAFETY

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Summary of Risk Chapter: 1OR07 - 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	1,332	1,300	949	1,026	1,018	1,376	1,276	1,276	1,276	1,276	1,276	1,276
Alternative Mitigation	0	0	0	0	0	495	495	495	495	495	495	495
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: **1OR07**

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
A394	Contractor Safety Data Anal	FTEs	0	0	0	0	0	495	495	495	495	495	495	495
C301	Class 1 Contractor Safety Pi	FTEs	1,332	1,300	949	1,026	1,018	1,092	1,092	1,092	1,092	1,092	1,092	1,092
M307	Risk Informed Class 1 Contr	FTEs	0	0	0	0	0	284	184	184	184	184	184	184

Units

Mitigation		Unit Measure	Adjusted Recorded					Adjusted Forecast						
ID	Name		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
A394	Contractor Safety Data Anal	FTEs	0	0	0	0	0	4	4	4	4	4	4	4
C301	Class 1 Contractor Safety Pi	FTEs	9	9	7	7	6	6	6	6	6	6	6	6
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: 1OR07A394: Mitigation - Contractor Safety Data Analytics & Support

Year	Forecast Description	(000s)			# FTEs
		Labor	Non-Labor	TOTAL	
2025	4 Incremental AD2 FTEs to manually collect safety observation, inspection, and HECA data in lieu of centralized risk software Labor: 4 FTEs*\$120,750=\$483,000 Non-Labor: \$3,000/FTE*4=\$12,000 (phone, training, and other office expenses)	483	12	495	4.0
2026	4 Incremental AD2 FTEs to manually collect safety observation, inspection, and HECA data in lieu of centralized risk software Labor: 4 FTEs*\$120,750=\$483,000 Non-Labor: \$3,000/FTE*4=\$12,000 (phone, training, and other office expenses)	483	12	495	4.0
2027	4 Incremental AD2 FTEs to manually collect safety observation, inspection, and HECA data in lieu of centralized risk software Labor: 4 FTEs*\$120,750=\$483,000 Non-Labor: \$3,000/FTE*4=\$12,000 (phone, training, and other office expenses)	483	12	495	4.0
2028	4 Incremental AD2 FTEs to manually collect safety observation, inspection, and HECA data in lieu of centralized risk software Labor: 4 FTEs*\$120,750=\$483,000 Non-Labor: \$3,000/FTE*4=\$12,000 (phone, training, and other office expenses)	483	12	495	4.0
2029	4 Incremental AD2 FTEs to manually collect safety observation, inspection, and HECA data in lieu of centralized risk software Labor: 4 FTEs*\$120,750=\$483,000 Non-Labor: \$3,000/FTE*4=\$12,000 (phone, training, and other office expenses)	483	12	495	4.0
2030	4 Incremental AD2 FTEs to manually collect safety observation, inspection, and HECA data in lieu of centralized risk software Labor: 4 FTEs*\$120,750=\$483,000 Non-Labor: \$3,000/FTE*4=\$12,000 (phone, training, and other office expenses)	483	12	495	4.0
2031	4 Incremental AD2 FTEs to manually collect safety observation, inspection, and HECA data in lieu of centralized risk software Labor: 4 FTEs*\$120,750=\$483,000 Non-Labor: \$3,000/FTE*4=\$12,000 (phone, training, and other office expenses)	483	12	495	4.0

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Risk Chapter **SDG&E-Risk-7-Contractor Safety**
Risk ID: **1OR07M307: Mitigation - Risk Informed Class 1 Contractor Safety Program Management**

Year	Forecast Description	(000s)			# FTEs
		Labor	Non-Labor	TOTAL	
2025	New Risk Software (50% split for Contactor Safety / 50% Employee Safety) \$400K*50%=\$200K	-	200	200	-
2025	1 Incremental AD3 FTE to advance HECA operationalization (60% O&M / 40% Capital Contractor Field Safety Management Pool) Labor: 1 FTE*\$136,900*60%=\$82,140 Non-Labor: \$3,000/FTE*60%=\$1,800 (phone, training, and other office expenses)	82	2	84	0.6
2026	Ongoing Risk Software Licensing and Maintenance expenses (50% split for Contactor Safety / 50% Employee Safety) \$200K*50%=\$100K	-	100	100	-
2026	1 Incremental AD3 FTE to advance HECA operationalization (60% O&M / 40% Capital Contractor Field Safety Management Pool) Labor: 1 FTE*\$136,900*60%=\$82,140 Non-Labor: \$3,000/FTE*60%=\$1,800 (phone, training, and other office expenses)	82	2	84	0.6
2027	Ongoing Risk Software Licensing and Maintenance expenses (50% split for Contactor Safety / 50% Employee Safety) \$200K*50%=\$100K	-	100	100	-
2027	1 Incremental AD3 FTE to advance HECA operationalization (60% O&M / 40% Capital Contractor Field Safety Management Pool) Labor: 1 FTE*\$136,900*60%=\$82,140 Non-Labor: \$3,000/FTE*60%=\$1,800 (phone, training, and other office expenses)	82	2	84	0.6
2028	Ongoing Risk Software Licensing and Maintenance expenses (50% split for Contactor Safety / 50% Employee Safety) \$200K*50%=\$100K	-	100	100	-
2028	1 Incremental AD3 FTE to advance HECA operationalization (60% O&M / 40% Capital Contractor Field Safety Management Pool) Labor: 1 FTE*\$136,900*60%=\$82,140 Non-Labor: \$3,000/FTE*60%=\$1,800 (phone, training, and other office expenses)	82	2	84	0.6
2029	Ongoing Risk Software Licensing and Maintenance expenses (50% split for Contactor Safety / 50% Employee Safety) \$200K*50%=\$100K	-	100	100	-
2029	1 Incremental AD3 FTE to advance HECA operationalization (60% O&M / 40% Capital Contractor Field Safety Management Pool) Labor: 1 FTE*\$136,900*60%=\$82,140 Non-Labor: \$3,000/FTE*60%=\$1,800 (phone, training, and other office expenses)	82	2	84	0.6
2030	Ongoing Risk Software Licensing and Maintenance expenses (50% split for Contactor Safety / 50% Employee Safety) \$200K*50%=\$100K	-	100	100	-
2030	1 Incremental AD3 FTE to advance HECA operationalization (60% O&M / 40% Capital Contractor Field Safety Management Pool) Labor: 1 FTE*\$136,900*60%=\$82,140 Non-Labor: \$3,000/FTE*60%=\$1,800 (phone, training, and other office expenses)	82	2	84	0.6
2031	Ongoing Risk Software Licensing and Maintenance expenses (50% split for Contactor Safety / 50% Employee Safety) \$200K*50%=\$100K	-	100	100	-
2031	1 Incremental AD3 FTE to advance HECA operationalization (60% O&M / 40% Capital Contractor Field Safety Management Pool) Labor: 1 FTE*\$136,900*60%=\$82,140 Non-Labor: \$3,000/FTE*60%=\$1,800 (phone, training, and other office expenses)	82	2	84	0.6

Risk Chapter: **SDG&E-Risk-7 Contractor Safety**
Risk ID: **1OR07**

Appendix A: Forecast Methodology

Mitigation ID	Mitigation Name	Labor	Non-Labor	NSE	Units
A394	Contractor Safety Data Analytics & Support	Zero-Based	Zero-Based	Zero-Based	Zero-Based
C301	Class 1 Contractor Safety Program	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: **1OR07**

Appendix B: Unit Measure

Mitigation ID	Mitigation Name	Unit Measure
A394	Contractor Safety Data Analytics & Support	FTEs
C301	Class 1 Contractor Safety Program	FTEs
M307	Risk Informed Class 1 Contractor Safety Program Management	FTEs