

SAN DIEGO GAS & ELECTRIC COMPANY

Risk Assessment and Mitigation Phase

2025 Report

Chapter: SDG&E-Risk-8

Number: SDG&E-R08-WP

Cybersecurity O&M Workpapers

SAN DIEGO GAS & ELECTRIC COMPANY

May 15, 2025



2025 Risk Assessment & Mitigation Phase

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Risk Chapter 1OR08: SDG&E-RISK-8 CYBERSECURITY

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Summary of Risk Chapter: 1OR08 - SDG&E-Risk-8 Cybersecurity

In 2024 \$ (000s) Incurred Costs												
	Adjusted Recorded					Adjusted Forecast						
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Control/Mitigation	13,089	11,971	12,768	15,336	11,914	11,958	12,379	12,563	12,598	12,598	12,373	12,373
Alternative Mitigation	0	0	0	0	0	23,914	24,756	25,124	25,194	25,194	24,744	24,744
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-8 Cybersecurity**
Risk ID: **1OR08**

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
A801	Alternative Portfolio 1	FTEs	0	0	0	0	0	11,957	12,378	12,562	12,597	12,597	12,372	12,372
A802	Alternative Portfolio 2	FTEs	0	0	0	0	0	11,957	12,378	12,562	12,597	12,597	12,372	12,372
C801	Perimeter Defenses	FTEs	925	1,124	1,704	2,388	1,103	1,147	1,312	1,346	1,346	1,346	1,346	1,346
C802	Internal Defenses	FTEs	12,164	10,637	10,716	12,121	10,284	10,284	10,540	10,690	10,725	10,725	10,500	10,500
C803	Sensitive Data Protection	FTEs	0	210	348	827	527	527	527	527	527	527	527	527

Units

Mitigation		Unit Measure	Adjusted Recorded					Adjusted Forecast						
ID	Name		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
A801	Alternative Portfolio 1	FTEs	0	0	0	0	0	37	38	39	39	39	39	39
A802	Alternative Portfolio 2	FTEs	0	0	0	0	0	37	38	39	39	39	39	39
C801	Perimeter Defenses	FTEs	5	7	10	8	5	5	6	6	6	6	6	6
C802	Internal Defenses	FTEs	39	30	33	36	29	29	30	30	30	30	30	30
C803	Sensitive Data Protection	FTEs	0	2	2	5	3	3	3	3	3	3	3	3

Note: Totals may include rounding differences.

Appendix A: Forecast Methodology

Mitigation ID	Mitigation Name	Labor	Non-Labor	NSE	Units
A801	Alternative Portfolio 1	Base YR Rec	Base YR Rec	Base YR Rec	Base YR Rec
A802	Alternative Portfolio 2	Base YR Rec	Base YR Rec	Base YR Rec	Base YR Rec
C801	Perimeter Defenses	Base YR Rec	Base YR Rec	Base YR Rec	Base YR Rec
C802	Internal Defenses	Base YR Rec	Base YR Rec	Base YR Rec	Base YR Rec
C803	Sensitive Data Protection	Base YR Rec	Base YR Rec	Base YR Rec	Base YR Rec

Risk Chapter: **SDG&E-Risk-8 Cybersecurity**
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Appendix B: Unit Measure

Mitigation ID	Mitigation Name	Unit Measure
A801	Alternative Portfolio 1	FTEs
A802	Alternative Portfolio 2	FTEs
C801	Perimeter Defenses	FTEs
C802	Internal Defenses	FTEs
C803	Sensitive Data Protection	FTEs