

SAN DIEGO GAS & ELECTRIC COMPANY

Risk Assessment and Mitigation Phase

2025 Report

Chapter: SDG&E-Risk-4

Number: SDG&E-R04-WP

Wildfires and PSPS O&M Workpapers

SAN DIEGO GAS & ELECTRIC COMPANY

May 15, 2025



2025 Risk Assessment & Mitigation Phase

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Risk Chapter 1OR04: SDG&E-RISK-4 WILDFIRES AND PSPS

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Summary of Risk Chapter: 1OR04 - SDG&E-Risk-4 Wildfires and PSPS

In 2024 \$ (000s) Incurred Costs												
	Adjusted Recorded					Adjusted Forecast						
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Control/Mitigation	193,208	168,691	180,486	190,784	150,476	144,646	139,824	139,511	145,122	145,034	146,244	146,768
Alternative Mitigation	0	0	0	0	0	0	0	2,504	7,496	7,496	7,496	5,498
Units	See detailed pages for Units as the unit measure can vary for each mitigation.											

Note: Totals may include rounding differences.

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
A520	Grid Hardening Alternative 1	Miles UG (C	0	0	0	0	0	0	0	1,012	4,729	4,729	4,729	4,224
A522	Grid Hardening Alternative 2	Miles harder	0	0	0	0	0	0	0	1,492	2,767	2,767	2,767	1,274
C504	Standby Power Program (Fi	No feasible	0	0	0	0	0	1,000	1,000	1,000	1,000	1,000	1,000	1,000
C506	Microgrids	No feasible	500	1,826	1,542	1,259	1,019	1,273	1,273	1,273	1,273	1,273	1,273	1,273
C507	CMP Repairs	No feasible	184	51	384	189	176	250	250	250	250	250	250	250
C508	Advanced Protection	Nodes	3	-3	151	213	188	188	188	188	188	188	188	188
C510	Hotline Clamps	Hotline clarr	4,310	4,479	2,020	1,644	47	0	0	0	0	0	0	0
C512	Customized Resiliency Asse	Installations	6,789	9,749	11,431	15,909	3,792	3,953	3,953	3,953	3,953	3,953	3,953	3,953
C516	Generator Assistance Progr	Rebates Iss	1,009	922	837	574	489	489	489	489	489	489	489	489
C518	Strategic Undergrounding	Miles UG (C	0	0	192	461	1,069	1,493	1,634	1,671	1,709	1,749	1,790	871
C520	Distribution Overhead Syste	Jobs comple	2,687	2,191	3,601	1,197	1,555	3,150	1,219	420	420	420	0	0
C522	Transmission Overhead Har	No feasible	0	0	0	1	1	1	1	1	1	1	1	1
C526	Distribution Overhead Detai	HFTD inspe	417	377	458	140	116	301	401	401	801	801	801	801
C528	Dist. System Inspection IR/C	HFTD inspe	228	189	190	318	139	0	0	0	0	0	0	0
C530	Distribution Wood Pole Intru	HFTD inspe	1,172	984	45	112	73	73	73	1,012	1,451	1,696	1,684	1,698
C534	Risk-Informed Drone Inspec	HFTD inspe	63,334	39,470	48,370	53,691	31,210	16,692	11,810	10,720	11,053	11,400	11,760	12,135
C536	Distribution Overhead Patrol	HFTD patro	300	297	288	262	284	284	284	284	284	284	284	284
C537	Off-Cycle Patrol	VMA (Veget	924	1,003	1,158	1,170	1,352	1,414	1,440	1,467	1,495	1,523	1,553	1,584
C540	Fuels Management	structures cl	7,702	4,217	8,654	4,143	3,523	5,445	5,445	5,445	5,445	5,445	5,445	5,445
C544	Pole Clearing (Brushing)	Poles brush	7,194	6,805	6,550	8,161	7,121	8,123	8,404	8,695	8,998	9,311	9,636	9,973
C546	Aviation Firefighting Program	N/A	8,997	8,574	7,916	8,155	7,665	4,503	4,503	4,503	4,503	4,503	4,503	4,503
C548	Wildfire Infrastructure Protec	N/A	3,433	3,758	3,285	4,723	4,820	4,820	4,820	4,820	4,820	4,820	4,820	4,820
C550	Combined Covered Conduct	Miles harder	0	17	2,736	2,440	1,886	2,042	1,832	1,832	1,832	1,832	1,412	650
C551	Prune and Removal (Cleara	Trees trimm	39,763	27,152	25,530	28,528	30,337	28,250	29,269	30,327	31,424	32,563	33,745	34,971

Note: Totals may include rounding differences.

Risk Chapter: **SDG&E-Risk-4 Wildfires and PSPS**

Risk ID: **1OR04**

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
C554	Detailed Inspections	Trees inspe	3,273	2,864	4,384	3,673	3,724	4,334	4,502	4,677	4,859	5,048	5,245	5,449
C555	Vegetation Restoration Initia	Trees plante	0	481	938	1,239	926	0	0	0	0	0	0	0
C556	Engagement with AFN Popu	No feasible	0	1,405	1,405	1,851	1,496	1,719	1,719	1,719	1,719	1,719	1,719	1,719
C557	Public Outreach and Educat	No feasible	595	787	576	575	530	605	605	605	605	605	605	605
C558	Risk Methodology and Asses	No feasible	0	7	2,060	4,099	5,753	5,753	5,753	5,753	5,973	5,973	5,973	5,973
C559	LiDAR Flights	Miles	0	1,408	3,206	889	31	150	0	0	2,500	0	0	0
C560	Mylar Balloon Alternative	No feasible	114	48	2	4	2	0	0	0	0	0	0	0
C563	Wildfire Mitigation Strategy I	No feasible	4,864	6,559	5,840	5,926	4,120	5,046	5,046	5,046	5,306	5,306	5,306	5,306
C564	Distribution Communications	No feasible	0	0	763	927	796	2,287	2,318	1,066	945	1,005	914	914
C565	Transmission Overhead De	Inspections	0	0	2	36	6	15	15	15	15	15	15	15
C566	Enterprise Data Foundation	No feasible	0	0	0	0	0	2,020	2,169	2,481	2,481	2,481	2,481	2,481
C567	Public Emergency Communi	No feasible	10,916	11,033	8,824	8,578	6,996	8,706	9,387	9,528	9,528	9,528	9,528	9,528
C568	Strategic Pole Replacement	Poles	0	0	0	0	58	303	168	168	168	136	69	0
C569	Cleveland National Forest Fi	No feasible	4	301	2,374	669	232	232	232	1	1	1	1	1
C571	Emergency Preparedness a	No feasible	18,320	26,745	18,858	22,537	20,970	21,720	21,533	21,533	21,383	21,383	21,383	21,383
C572	Situational Awareness and F	No feasible	4,517	3,571	4,158	4,463	4,421	4,496	4,496	4,496	4,496	4,496	4,496	4,496
C573	Early Fault Detection	No feasible	0	0	0	0	3	3	3	3	3	3	3	3
C575	Vegetation Management Ent	No feasible	62	136	381	237	327	327	327	327	327	327	327	327
C576	Avian Protection	Poles protec	0	0	19	9	17	0	0	0	0	0	0	0
C578	QA/QC of Veg Mgmt	No feasible	1,597	1,288	1,358	1,782	3,206	3,186	3,263	3,342	3,424	3,507	3,592	3,679

Units

Mitigation		Unit Measure	Adjusted Recorded					Adjusted Forecast						
ID	Name		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031

Note: Totals may include rounding differences.

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Units

Mitigation		Unit Measure	Adjusted Recorded					Adjusted Forecast						
ID	Name		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
A520	Grid Hardening Alternative 1	Miles UG (C	0	0	0	0	0	0	0	0	200	200	200	200
A522	Grid Hardening Alternative 2	Miles harder	0	0	0	0	0	0	0	0	200	200	200	200
C504	Standby Power Program (Fi	No feasible	0	0	0	0	0	0	0	0	0	0	0	0
C506	Microgrids	No feasible	0	0	0	0	0	0	0	0	0	0	0	0
C507	CMP Repairs	No feasible	0	0	0	0	0	0	0	0	0	0	0	0
C508	Advanced Protection	Nodes	0	0	7	110	18	18	18	18	18	18	18	18
C510	Hotline Clamps	Hotline clarr	2,061	2,743	1,903	962	0	0	0	0	0	0	0	0
C512	Customized Resiliency Asse	Installations	0	0	0	0	0	100	100	100	100	100	100	100
C516	Generator Assistance Progr	Rebates Iss	0	0	0	0	0	250	250	250	250	250	250	250
C518	Strategic Undergrounding	Miles UG (C	0	0	65	72	112	25	0	0	150	150	150	150
C520	Distribution Overhead Syste	Jobs comple	0	0	0	0	0	150	50	20	20	20	0	0
C522	Transmission Overhead Har	No feasible	0	0	0	0	0	0	0	0	0	0	0	0
C526	Distribution Overhead Detai	HFTD inspe	17,977	22,354	17,935	11,755	16,503	17,697	21,924	17,779	11,537	15,741	0	0
C528	Dist. System Inspection IR/C	HFTD inspe	0	0	0	0	0	0	0	0	0	0	0	0
C530	Distribution Wood Pole Intru	HFTD inspe	14,450	8,721	0	0	0	0	0	12,520	18,373	21,639	21,473	21,667
C534	Risk-Informed Drone Inspec	HFTD inspe	37,310	21,420	30,044	15,311	6,529	6,500	6,500	6,500	6,500	6,500	6,500	6,500
C536	Distribution Overhead Patrol	HFTD patro	86,075	86,490	86,821	85,857	86,140	84,678	84,678	84,678	84,678	84,678	84,678	84,678
C537	Off-Cycle Patrol	VMA (Veget	106	106	105	106	106	106	106	106	106	106	106	106
C540	Fuels Management	structures cl	324	463	500	514	147	500	500	500	500	500	500	500
C544	Pole Clearing (Brushing)	Poles brush	23,100	22,906	23,253	22,641	22,769	22,000	22,000	22,000	22,000	22,000	22,000	22,000
C546	Aviation Firefighting Program	N/A	0	0	0	0	0	0	0	0	0	0	0	0
C548	Wildfire Infrastructure Protec	N/A	0	0	0	0	0	0	0	0	0	0	0	0
C550	Combined Covered Conduct	Miles harder	0	20	61	60	36	50	50	50	50	50	50	50
C551	Prune and Removal (Cleara	Trees trimm	104,830	94,400	95,115	83,245	90,885	91,336	91,336	91,336	91,336	91,336	91,336	91,336

Note: Totals may include rounding differences.

Risk Chapter: **SDG&E-Risk-4 Wildfires and PSPS**

Risk ID: **1OR04**

Units

Mitigation		Unit Measure	Adjusted Recorded					Adjusted Forecast						
ID	Name		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
C554	Detailed Inspections	Trees inspe	225,604	251,066	254,555	253,713	261,975	255,000	255,000	255,000	255,000	255,000	255,000	255,000
C555	Vegetation Restoration Initia	Trees plante	0	0	0	0	0	0	0	0	0	0	0	0
C556	Engagement with AFN Popu	No feasible	0	0	0	0	0	0	0	0	0	0	0	0
C557	Public Outreach and Educat	No feasible	0	0	0	0	0	0	0	0	0	0	0	0
C558	Risk Methodology and Asses	No feasible	0	0	0	0	0	0	0	0	0	0	0	0
C559	LiDAR Flights	Miles	0	0	0	0	0	0	0	0	0	0	0	0
C560	Mylar Balloon Alternative	No feasible	0	0	0	0	0	0	0	0	0	0	0	0
C563	Wildfire Mitigation Strategy I	No feasible	0	0	0	0	0	0	0	0	0	0	0	0
C564	Distribution Communications	No feasible	0	0	0	0	0	0	0	0	0	0	0	0
C565	Transmission Overhead De	Inspections	0	0	2,323	1,928	2,940	0	2,035	2,036	2,224	0	0	0
C566	Enterprise Data Foundation	No feasible	0	0	0	0	0	0	0	0	0	0	0	0
C567	Public Emergency Communi	No feasible	0	0	0	0	0	0	0	0	0	0	0	0
C568	Strategic Pole Replacement	Poles	0	0	0	0	40	200	200	200	200	200	200	0
C569	Cleveland National Forest Fi	No feasible	0	0	0	0	0	0	0	0	0	0	0	0
C571	Emergency Preparedness a	No feasible	0	0	0	0	0	0	0	0	0	0	0	0
C572	Situational Awareness and F	No feasible	0	0	0	0	0	0	0	0	0	0	0	0
C573	Early Fault Detection	No feasible	0	0	0	0	0	0	0	0	0	0	0	0
C575	Vegetation Management Ent	No feasible	0	0	0	0	0	0	0	0	0	0	0	0
C576	Avian Protection	Poles protec	0	0	973	663	774	0	0	0	0	0	0	0
C578	QA/QC of Veg Mgmt	No feasible	0	0	0	0	0	0	0	0	0	0	0	0

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Note: Totals may include rounding differences.

Supplemental Workpapers

Risk Chapter SDG&E-Risk-4-Wildfire and PSPS
 Risk ID: 10R04A520 - SDG&E-Risk-4 Wildfire and PSPS Grid Hardening Alternative 1

Line Item	Labor/ Non-Labor	RAMP/ Non-RAMP	Unit Metric	2027			2028			2029			2030			2031			Total Cost
				# of units	Cost per unit*	Total cost	# of units	Cost per unit*	Total cost	# of units	Cost per unit*	Total cost	# of units	Cost per unit*	Total cost	# of units	Cost per unit*	Total cost	
Construction - Civil, Electrical, Materials	Non-Labor	RAMP	Miles			\$ -	200	\$ 12,024	\$ 2,404,867	200	\$ 12,024	\$ 2,404,867	200	\$ 12,024	\$ 2,404,867	200	\$ 12,024	\$ 2,404,867	\$ 9,619,467
Design & Engineering	Non-Labor	RAMP	Miles	200	\$ 5,058	\$ 1,011,645	200	\$ 5,058	\$ 1,011,645	200	\$ 5,058	\$ 1,011,645	200	\$ 5,058	\$ 1,011,645	100	\$ 5,058	\$ 505,822	\$ 4,559,402
Project Support	Non-Labor	RAMP	Miles			\$ -	200	\$ 6,390	\$ 1,277,925	200	\$ 6,390	\$ 1,277,925	200	\$ 6,390	\$ 1,277,925	200	\$ 6,390	\$ 1,277,925	\$ 5,111,700
Labor	Labor	RAMP	Hours			\$ -	48,952	\$ 0.71	\$ 34,731	48,952	\$ 0.71	\$ 34,731	48,952	\$ 0.71	\$ 34,731	48,952	\$ 0.71	\$ 34,731	\$ 138,925
Summary						\$ -		\$ 34,731		\$ 34,731		\$ 34,731		\$ 34,731		\$ 34,731		\$ 34,731	\$ 138,925
	Labor	RAMP				\$ 1,011,645		\$ 4,694,437		\$ 4,694,437		\$ 4,694,437		\$ 4,694,437		\$ 4,188,614		\$ -	\$ 19,283,569
	Non-Labor	RAMP				\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ -
	NSE	RAMP				\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ -
Total RAMP						\$ 1,011,645		\$ 4,729,168		\$ 4,729,168		\$ 4,729,168		\$ 4,729,168		\$ 4,223,345		\$ 19,422,494	

Risk Chapter
Risk ID:

SDG&E-Risk-4-Wildfire and PSPS
10R04A522 - SDG&E-Risk-4 Wildfire and PSPS Grid Hardening Alternative 2

Line Item	Labor/ Non-Labor	RAMP/ Non-RAMP	Unit Metric	2027			2028			2029			2030			2031			Total Cost
				# of units	Cost per unit*	Total cost	# of units	Cost per unit*	Total cost	# of units	Cost per unit*	Total cost	# of units	Cost per unit*	Total cost	# of units	Cost per unit*	Total cost	
Material	Non-Labor	RAMP	mi	-	\$ -	\$ -	200	\$ 2,011	\$ 402,208	200	\$ 2,011	\$ 402,208	200	\$ 2,011	\$ 402,208	200	\$ 2,011	\$ 402,208	\$ 1,608,833
Construction FTE	Labor	RAMP	mi	-	\$ -	\$ -	200	\$ 958	\$ 191,565	200	\$ 958	\$ 191,565	200	\$ 958	\$ 191,565	200	\$ 958	\$ 191,565	\$ 766,260
Construction Contractor	Non-Labor	RAMP	mi	-	\$ -	\$ -	200	\$ 3,401	\$ 680,219	200	\$ 3,401	\$ 680,219	200	\$ 3,401	\$ 680,219	200	\$ 3,401	\$ 680,219	\$ 2,720,876
Pre-Construction FTE	Labor	RAMP	mi	200	\$ 225	\$ 45,000	200	\$ 225	\$ 45,000	200	\$ 225	\$ 45,000	200	\$ 225	\$ 45,000	-	\$ -	\$ -	\$ 180,000
Pre-Construction Contractor	Non-Labor	RAMP	mi	200	\$ 7,237	\$ 1,447,401	200	\$ 7,237	\$ 1,447,401	200	\$ 7,237	\$ 1,447,401	200	\$ 7,237	\$ 1,447,401	-	\$ -	\$ -	\$ 5,789,605
Summary																			
	Labor	RAMP			\$ 45,000			\$ 236,565			\$ 236,565		\$ 236,565		\$ 191,565		\$ 946,260		
	Non-Labor	RAMP			\$ 1,447,401			\$ 2,529,829			\$ 2,529,829		\$ 2,529,829		\$ 1,082,427		\$ 10,119,314		
	NSE	RAMP			\$ -			\$ -			\$ -		\$ -		\$ -		\$ -		
Total RAMP					\$ 1,492,401			\$ 2,766,394			\$ 2,766,394		\$ 2,766,394		\$ 1,273,992		\$ 11,065,574		

Risk Chapter SDG&E-Risk-4-Wildfire and PSPS
 Risk ID: 10R04C520 - SDG&E-Risk-4 Wildfire and PSPS Distribution Overhead System Hardening

Line Item	Labor/ Non-Labor	RAMP/ Non-RAMP	Unit Metric	2025			2026			2027			2028			2029			Total Cost
				# of units	Cost per unit*	Total cost	# of units	Cost per unit*	Total cost	# of units	Cost per unit*	Total cost	# of units	Cost per unit*	Total cost	# of units	Cost per unit*	Total cost	
Material	Non-Labor	RAMP	mi	-	\$ 4,104	\$ -	6	\$ 4,104	\$ 24,625	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ 24,625
Construction FTE	Labor	RAMP	mi	-	\$ 1,955	\$ -	6	\$ 1,955	\$ 11,728	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ 11,728
Construction Contractor	Non-Labor	RAMP	mi	-	\$ 6,941	\$ -	6	\$ 6,941	\$ 41,646	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ 41,646
Pre-Construction FTE	Labor	RAMP	mi	-	\$ 459	\$ -	6	\$ 459	\$ 2,755	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ 2,755
Pre-Construction Contractor	Non-Labor	RAMP	mi	-	\$ 14,769	\$ -	6	\$ 14,769	\$ 88,616	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ 88,616
Other	Non-Labor	RAMP	mi	-	\$ -	\$ -	6	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
Material (TU)	Non-Labor	RAMP	jobs	150	\$ 3,648	\$ 547,241	50	\$ 3,648	\$ 182,414	20	\$ 3,648	\$ 72,965	20	\$ 3,648	\$ 72,965	20	\$ 3,648	\$ 72,965	\$ 948,550
Construction FTE (TU)	Labor	RAMP	jobs	150	\$ 3,259	\$ 488,887	50	\$ 3,259	\$ 162,962	20	\$ 3,259	\$ 65,185	20	\$ 3,259	\$ 65,185	20	\$ 3,259	\$ 65,185	\$ 847,404
Construction Contractor (TU)	Non-Labor	RAMP	jobs	150	\$ 6,235	\$ 935,258	50	\$ 6,235	\$ 311,753	20	\$ 6,235	\$ 124,701	20	\$ 6,235	\$ 124,701	20	\$ 6,235	\$ 124,701	\$ 1,621,114
Pre-Construction FTE (TU)	Labor	RAMP	jobs	150	\$ 252	\$ 37,859	50	\$ 252	\$ 12,629	20	\$ 252	\$ 5,049	20	\$ 252	\$ 5,049	20	\$ 252	\$ 5,049	\$ 65,640
Pre-Construction Contractor (TU)	Non-Labor	RAMP	jobs	150	\$ 7,605	\$ 1,140,745	50	\$ 7,605	\$ 380,248	20	\$ 7,605	\$ 152,099	20	\$ 7,605	\$ 152,099	20	\$ 7,605	\$ 152,099	\$ 1,977,291

Summary																			
	Labor	RAMP			\$ 526,756		\$ 190,069		\$ 70,234		\$ 70,234		\$ 70,234		\$ 70,234		\$ 70,234		\$ 927,528
	Non-Labor	RAMP			\$ 2,623,244		\$ 1,029,302		\$ 349,766		\$ 349,766		\$ 349,766		\$ 349,766		\$ 349,766		\$ 4,701,843
	NSE	RAMP			\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Subtotal RAMP					\$ 3,150,000		\$ 1,219,371		\$ 420,000		\$ 420,000		\$ 420,000		\$ 420,000		\$ 420,000		\$ 5,629,371
	Labor	Non-RAMP			\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
	Non-Labor	Non-RAMP			\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
	NSE	Non-RAMP			\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Subtotal Non-RAMP					\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Total Project Forecast					\$ 3,150,000		\$ 1,219,371		\$ 420,000		\$ 420,000		\$ 420,000		\$ 420,000		\$ 420,000		\$ 5,629,371
Total Units Forecast																			

Risk Chapter: SDG&E-Risk-4-Wildfire and PSPS
Risk ID: 1OR04C334 - SDG&E-Risk-4 Wildfire and PSPS Risk-Informed Drone Inspections

Budget Code	Description	Details	<i>Includes a 4% escalation each year</i>						
			2025	2026	2027	2028	2029	2030	2031
22259	RIDI Inspections	Assumes we continue to perform ~6,500 inspections/year at a cost of \$200/pole (includes ASD Support, Safety Support, Customer Outreach Support, Mgmt Support, Non-QEW Line Inspector and Pilot, QA/QC) DOES NOT INCLUDE COSTS FOR QEW TO PERFORM THE INSPECTIONS	\$ 1,300,000.00	\$ 1,352,000.00	\$ 1,406,080.00	\$ 1,462,323.20	\$ 1,520,816.13	\$ 1,581,648.77	\$ 1,644,914.72
22259	Repairs	Assumes infraction rate continues at 20% with 80% of the infractions resulting in an O&M fix at an average cost of \$5000 per fix	\$ 6,400,000.00	\$ 6,656,000.00	\$ 6,922,240.00	\$ 7,199,129.60	\$ 7,487,094.78	\$ 7,786,578.58	\$ 8,098,041.72
20286	DIAR Repairs	See Sheet 2 for Breakdown, Assumes 15% trailing costs in 2026	\$ 5,400,000.00	\$ 810,000.00	\$ -	\$ -	\$ -	\$ -	\$ -
20286	DIAR PMO & Closeout Costs	PMO and Engineering support, safety support, access protocol, and trailing costs (\$100k x 12 months in 2025 and 50% of that in 2026)	\$ 1,200,000.00	\$ 600,000.00	\$ -	\$ -	\$ -	\$ -	\$ -
22259 & 20286	Software Licensing & Data Storage Fees	Sharper Shape/ CORE and IIP data storage	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
Total			\$ 14,450,000.00	\$ 9,568,000.00	\$ 8,478,320.00	\$ 8,811,452.80	\$ 9,157,910.91	\$ 9,518,227.35	\$ 9,892,956.44

Risk Chapter SDG&E-Risk-4-Wildfire and PSPS
 Risk ID: 1OR04C544 - SDG&E-Risk-4 Wildfire and PSPS Pole Clearing (Brushing)

Contractor	Model 1							
	2025	2026	2027	2028	2029	2030	2031	
Vendor 1	\$ 500,357.32	\$ 520,171.47	\$ 540,770.26	\$ 562,184.77	\$ 584,447.28	\$ 607,591.40	\$ 631,682.98	
Vendor 2	\$ 893,675.44	\$ 916,017.33	\$ 938,917.76	\$ 962,390.70	\$ 986,450.47	\$ 1,011,111.73	\$ 1,036,389.53	
Vendor 3	\$ 5,242,501.06	\$ 5,437,522.10	\$ 5,639,797.92	\$ 5,849,598.41	\$ 6,067,203.47	\$ 6,292,903.44	\$ 6,526,999.45	
Vendor 4	\$ 2,894,974.42	\$ 3,004,983.45	\$ 3,119,172.82	\$ 3,237,701.39	\$ 3,360,734.04	\$ 3,488,441.93	\$ 3,621,002.73	
SUM	\$ 9,531,508.25	\$ 9,878,694.35	\$ 10,238,658.77	\$ 10,611,875.27	\$ 10,998,835.26	\$ 11,400,048.50	\$ 11,816,074.68	
10% Reduction for Reduced Required Poles								
Vendor 1	\$ 450,321.59	\$ 468,154.33	\$ 486,693.24	\$ 505,966.29	\$ 526,002.56	\$ 546,832.26	\$ 568,514.69	
Vendor 2	\$ 804,307.90	\$ 824,415.59	\$ 845,025.98	\$ 866,151.63	\$ 887,805.42	\$ 910,000.56	\$ 932,750.57	
Vendor 3	\$ 4,718,250.96	\$ 4,893,769.89	\$ 5,075,818.13	\$ 5,264,638.57	\$ 5,460,483.12	\$ 5,663,613.09	\$ 5,874,299.50	
Vendor 4	\$ 2,605,476.98	\$ 2,704,485.10	\$ 2,807,255.54	\$ 2,913,931.25	\$ 3,024,660.64	\$ 3,139,597.74	\$ 3,258,902.45	
SUM	\$ 8,578,357.42	\$ 8,890,824.92	\$ 9,214,792.89	\$ 9,550,687.74	\$ 9,898,951.74	\$ 10,260,043.65	\$ 10,634,467.21	
10% Reduction for Non-HFTD Poles								
Vendor 1	\$ 405,289.43	\$ 421,338.89	\$ 438,023.91	\$ 455,369.66	\$ 473,402.30	\$ 492,149.03	\$ 511,663.22	
Vendor 2	\$ 723,877.11	\$ 741,974.03	\$ 760,523.39	\$ 779,536.47	\$ 799,024.88	\$ 819,000.50	\$ 839,475.52	
Vendor 3	\$ 4,246,425.86	\$ 4,404,392.90	\$ 4,568,236.32	\$ 4,738,174.71	\$ 4,914,434.81	\$ 5,097,251.78	\$ 5,286,869.55	
Vendor 4	\$ 2,344,929.28	\$ 2,434,036.59	\$ 2,526,529.98	\$ 2,622,538.12	\$ 2,722,194.57	\$ 2,825,637.97	\$ 2,933,012.21	
SUM	\$ 7,720,521.68	\$ 8,001,742.43	\$ 8,293,313.60	\$ 8,595,618.96	\$ 8,909,056.56	\$ 9,234,039.28	\$ 9,571,020.49	

Risk Chapter
Risk ID:

SDG&E-Risk-4-Wildfire and PSPS
1OR04C50 - SDG&E-Risk-4 Wildfire and PSPS Combined Covered Conductor

Line Item	Labor/ Non-Labor	RAMP/ Non RAMP	Unit Metric	2025			2026			2027			2028			2029			2030			2031		
				# of units	Cost per unit*	Total cost	# of units	Cost per unit*	Total cost	# of units	Cost per unit*	Total cost	# of units	Cost per unit*	Total cost	# of units	Cost per unit*	Total cost	# of units	Cost per unit*	Total cost	# of units	Cost per unit*	Total cost
Material	Non-Labor	RAMP	mi	50	\$ 4,104	\$ 205,200	50	\$ 4,104	\$ 205,200	50	\$ 4,104	\$ 205,200	50	\$ 4,104	\$ 205,200	50	\$ 4,104	\$ 205,200	50	\$ 4,104	\$ 205,200	50	\$ 4,104	\$ 205,200
Construction FTE	Labor	RAMP	mi	50	\$ 1,956	\$ 97,737	50	\$ 1,956	\$ 97,737	50	\$ 1,956	\$ 97,737	50	\$ 1,956	\$ 97,737	50	\$ 1,956	\$ 97,737	50	\$ 1,956	\$ 97,737	50	\$ 1,956	\$ 97,737
Construction Contractor	Non-Labor	RAMP	mi	50	\$ 6,941	\$ 347,050	50	\$ 6,941	\$ 347,050	50	\$ 6,941	\$ 347,050	50	\$ 6,941	\$ 347,050	50	\$ 6,941	\$ 347,050	50	\$ 6,941	\$ 347,050	50	\$ 6,941	\$ 347,050
Pre-Construction FTE	Labor	RAMP	mi	50	\$ 459	\$ 22,959	50	\$ 459	\$ 22,959	50	\$ 459	\$ 22,959	50	\$ 459	\$ 22,959	50	\$ 459	\$ 22,959	50	\$ 459	\$ 22,959	50	\$ 459	\$ 22,959
Pre-Construction Contractor	Non-Labor	RAMP	mi	50	\$ 14,769	\$ 738,470	50	\$ 14,769	\$ 738,470	50	\$ 14,769	\$ 738,470	50	\$ 14,769	\$ 738,470	50	\$ 14,769	\$ 738,470	50	\$ 14,769	\$ 738,470	50	\$ 14,769	\$ 738,470
Material (TU)	Non-Labor	RAMP	ea	30	\$ 2,214	\$ 66,431	20	\$ 2,214	\$ 44,287	20	\$ 2,214	\$ 44,287	20	\$ 2,214	\$ 44,287	20	\$ 2,214	\$ 44,287	-	\$ -	-	-	\$ -	-
Construction FTE (TU)	Labor	RAMP	ea	30	\$ 1,493	\$ 44,770	20	\$ 1,493	\$ 29,851	20	\$ 1,493	\$ 29,851	20	\$ 1,493	\$ 29,851	20	\$ 1,493	\$ 29,851	-	\$ -	-	-	\$ -	-
Construction Contractor (TU)	Non-Labor	RAMP	ea	30	\$ 3,507	\$ 105,750	20	\$ 3,507	\$ 70,140	20	\$ 3,507	\$ 70,140	20	\$ 3,507	\$ 70,140	20	\$ 3,507	\$ 70,140	-	\$ -	-	-	\$ -	-
Pre-Construction FTE (TU)	Labor	RAMP	ea	30	\$ 402	\$ 12,053	20	\$ 402	\$ 8,035	20	\$ 402	\$ 8,035	20	\$ 402	\$ 8,035	20	\$ 402	\$ 8,035	-	\$ -	-	-	\$ -	-
Pre-Construction Contractor (TU)	Non-Labor	RAMP	ea	30	\$ 13,884	\$ 401,517	20	\$ 13,884	\$ 267,678	20	\$ 13,884	\$ 267,678	20	\$ 13,884	\$ 267,678	20	\$ 13,884	\$ 267,678	-	\$ -	-	-	\$ -	-
Summary																								
Labor	RAMP			\$ 177,526		\$ 158,583		\$ 158,583		\$ 158,583		\$ 158,583		\$ 158,583		\$ 158,583		\$ 120,096		\$ 97,737		\$ 1,030,290		
Non-Labor	RAMP			\$ 1,825,826		\$ 1,672,843		\$ 1,672,843		\$ 1,672,843		\$ 1,672,843		\$ 1,672,843		\$ 1,672,843		\$ 1,250,759		\$ 932,259		\$ 10,308,288		
	NSE			\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
Total RAMP				\$ 2,041,423		\$ 1,831,423		\$ 1,831,423		\$ 1,831,423		\$ 1,831,423		\$ 1,831,423		\$ 1,831,423		\$ 1,411,423		\$ 649,996		\$ 11,428,548		

Risk Chapter: SDG&E-Risk-4-Wildfire and PSPS

Risk ID: 1OR04C564 - SDG&E-Risk-4 Wildfire and PSPS Distribution Communications Reliability Improvements (DCRI)

Non-Labor Planned Expenses	2025	2026	2027	2028	2029	2030	2031
Federated Wireless - CBSDs for PLTE	13,668	13,668	13,668	13,668	13,668	13,668	13,668
Backup SAS Connections for PLTE	12,000	12,000	12,000	12,000	12,000	12,000	12,000
Nokia 30 Site Hardware Support PLTE * amortized for 5 years	120,948	120,948	120,948	-	-	-	-
Nokia 2nd carrier for CBRS * amortized for 5 years	91,476	91,476	91,476	91,476	91,476	-	-
Roaming - Circuits	110,000	120,000	120,000	120,000	120,000	120,000	120,000
Roaming - IPX	44,000	48,000	48,000	48,000	48,000	48,000	48,000
Roaming - Hosting and operation	176,000	192,000	192,000	192,000	192,000	192,000	192,000
Roaming minimum data charges	11,000	12,000	60,000	60,000	120,000	120,000	120,000
NOC Resident Engineers for PLTE	1,300,000	1,300,000	-	-	-	-	-
Rent to house telecommunications equipment supporting WMP	408,000	408,000	408,000	408,000	408,000	408,000	408,000
Total	\$ 2,287,092	\$ 2,318,092	\$ 1,066,092	\$ 945,144	\$ 1,005,144	\$ 913,668	\$ 913,668

Risk Chapter SDG&E-Risk-4-Wildfire and PSPS
 Risk ID: 10R04C566 - SDG&E-Risk-4 Wildfire and PSPS Enterprise Data Foundation

Line Item	Unit Description	Labor/ Non-Labor	RAM/MP Non-RAMP	Unit	2025			2026			2027			2028			2029			2030			2031			Comments	
					# of units	Cost per unit*	Total cost	# of units	Cost per unit*	Total cost	# of units	Cost per unit*	Total cost	# of units	Cost per unit*	Total cost	# of units	Cost per unit*	Total cost	# of units	Cost per unit*	Total cost	# of units	Cost per unit*	Total cost		Total Cost
OES Data Foundation	OES/WWMP Data Engineers	Non-Labor	RAMP	ea	3	\$ 312,000	\$ 936,000	3	\$ 312,000	\$ 936,000	3	\$ 312,000	\$ 936,000	3	\$ 312,000	\$ 936,000	3	\$ 312,000	\$ 936,000	3	\$ 312,000	\$ 936,000	3	\$ 312,000	\$ 936,000	\$ 6,552,000	Contracted resources for the maintenance of OES Data Foundation and SAP HANA.
OES Data Foundation	OES/WWMP Data Engineers	Labor	RAMP	hours	4160	\$ 66	\$ 274,560	6240	\$ 66	\$ 411,840	6240	\$ 66	\$ 411,840	6240	\$ 66	\$ 411,840	6240	\$ 66	\$ 411,840	6240	\$ 66	\$ 411,840	6240	\$ 66	\$ 411,840	\$ 2,745,600	Internal resources supporting OES Special ODR.
OES Data Foundation	Cloud O&M Costs	Non-Labor	RAMP	ea	2	\$ 48,000	\$ 96,000	1	\$ 60,000	\$ 60,000	1	\$ 60,000	\$ 60,000	2	\$ 60,000	\$ 120,000	1	\$ 60,000	\$ 60,000	1	\$ 60,000	\$ 60,000	1	\$ 60,000	\$ 60,000	\$ 408,000	Cloud O&M costs for the implementation of OES Data Foundation.
Asset & Work Management	Data Engineers	Non-Labor	RAMP	ea	2	\$ 312,000	\$ 624,000	2	\$ 312,000	\$ 624,000	3	\$ 312,000	\$ 936,000	3	\$ 312,000	\$ 936,000	3	\$ 312,000	\$ 936,000	3	\$ 312,000	\$ 936,000	3	\$ 312,000	\$ 936,000	\$ 5,928,000	Contracted resources for the maintenance of Asset 360.
Asset & Work Management	Data Engineers	Labor	RAMP	hours	2080	\$ 66	\$ 137,280	2080	\$ 66	\$ 137,280	2080	\$ 66	\$ 137,280	2080	\$ 66	\$ 137,280	2080	\$ 66	\$ 137,280	2080	\$ 66	\$ 137,280	2080	\$ 66	\$ 137,280	\$ 860,960	Adding a data engineer for the maintenance of Asset 360.
Summary																											
	Labor	RAMP				\$ 411,840	\$ 549,120	\$ 549,120	\$ 549,120	\$ 549,120	\$ 549,120	\$ 549,120	\$ 549,120	\$ 549,120	\$ 549,120	\$ 549,120	\$ 549,120	\$ 549,120	\$ 549,120	\$ 549,120	\$ 549,120	\$ 549,120	\$ 549,120	\$ 549,120	\$ 3,708,560		
	Non-Labor	RAMP				\$ 8,856,000	\$ 11,620,100	\$ 11,620,100	\$ 11,620,100	\$ 11,620,100	\$ 11,620,100	\$ 11,620,100	\$ 11,620,100	\$ 11,620,100	\$ 11,620,100	\$ 11,620,100	\$ 11,620,100	\$ 11,620,100	\$ 11,620,100	\$ 11,620,100	\$ 11,620,100	\$ 11,620,100	\$ 11,620,100	\$ 11,620,100	\$ 11,620,100	\$ 12,888,000	
	NSE	RAMP				\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	

Risk Chapter SDG&E-Risk-4-Wildfire and PSPS
 Risk ID: 10R04C568 - SDG&E-Risk-4 Wildfire and PSPS Strategic Pole Replacement

Line Item	Labor/ Non-Labor	RAMP/ Non-RAMP	Unit Metric	2025			2026			2027			2028			2029			2030			Total Cost
				# of units	Cost per unit*	Total cost	# of units	Cost per unit*	Total cost	# of units	Cost per unit*	Total cost	# of units	Cost per unit*	Total cost	# of units	Cost per unit*	Total cost	# of units	Cost per unit*	Total cost	
Material	Non-Labor	RAMP	ea	449	\$ 233	\$ 104,476	250	\$ 233	\$ 58,172	250	\$ 233	\$ 58,172	250	\$ 233	\$ 58,172	200	\$ 233	\$ 46,537	102	\$ 233	\$ 23,734	\$ 349,262
Construction Contractor	Non-Labor	RAMP	ea	449	\$ 254	\$ 114,000	250	\$ 254	\$ 63,474	250	\$ 254	\$ 63,474	250	\$ 254	\$ 63,474	200	\$ 254	\$ 50,779	102	\$ 254	\$ 25,898	\$ 381,100
Construction FTE	Labor	RAMP	hours	747	\$ 107	\$ 79,800	416	\$ 107	\$ 44,432	416	\$ 107	\$ 44,432	416	\$ 107	\$ 44,432	333	\$ 107	\$ 35,546	170	\$ 107	\$ 18,128	\$ 266,770
All Other	Non-Labor	RAMP	ea	449	\$ 11	\$ 4,992	250	\$ 11	\$ 2,780	250	\$ 11	\$ 2,780	250	\$ 11	\$ 2,780	200	\$ 11	\$ 2,224	102	\$ 11	\$ 1,134	\$ 16,688
Summary																						
	Labor	RAMP			\$ 79,800			\$ 44,432		\$ 44,432		\$ 44,432		\$ 44,432		\$ 35,546		\$ 18,128		\$ 266,770		
	Non-Labor	RAMP			\$ 223,468			\$ 124,425		\$ 124,425		\$ 124,425		\$ 124,425		\$ 99,540		\$ 50,766		\$ 747,050		
	NSE	RAMP			\$ -			\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
Total RAMP					\$ 303,268			\$ 168,857		\$ 168,857		\$ 168,857		\$ 168,857		\$ 135,086		\$ 68,894		\$ 1,013,820		

Appendix A: Forecast Methodology

Mitigation ID	Mitigation Name	Labor	Non-Labor	NSE	Units
A520	Grid Hardening Alternative 1	Zero-Based	Zero-Based	Zero-Based	Zero-Based
A522	Grid Hardening Alternative 2	Zero-Based	Zero-Based	Zero-Based	Zero-Based
C504	Standby Power Program (Fixed Backup Power Commercial)	Base YR Rec	Base YR Rec	Base YR Rec	Base YR Rec
C506	Microgrids	3-YR Average	3-YR Average	3-YR Average	3-YR Average
C507	CMP Repairs	3-YR Average	3-YR Average	3-YR Average	3-YR Average
C508	Advanced Protection	Base YR Rec	Base YR Rec	Base YR Rec	Base YR Rec
C510	Hotline Clamps	Zero-Based	Zero-Based	Zero-Based	Zero-Based
C512	Customized Resiliency Assessment	Base YR Rec	Base YR Rec	Base YR Rec	Base YR Rec
C516	Generator Assistance Program	Base YR Rec	Base YR Rec	Base YR Rec	Base YR Rec
C518	Strategic Undergrounding	Base YR Rec	Base YR Rec	Base YR Rec	Zero-Based
C520	Distribution Overhead System Hardening	Zero-Based	Zero-Based	Zero-Based	Zero-Based
C522	Transmission Overhead Hardening (Distribution Underbuild)	Base YR Rec	Base YR Rec	Base YR Rec	Base YR Rec
C526	Distribution Overhead Detailed Inspections	5-YR Average	5-YR Average	5-YR Average	Zero-Based
C528	Dist. System Inspection IR/Corona	Zero-Based	Zero-Based	Zero-Based	Zero-Based
C530	Distribution Wood Pole Intrusive Inspections	Base YR Rec	Base YR Rec	Base YR Rec	Base YR Rec
C534	Risk-Informed Drone Inspections	3-YR Average	Zero-Based	Zero-Based	Zero-Based
C536	Distribution Overhead Patrol Inspections	Base YR Rec	Base YR Rec	Base YR Rec	Zero-Based
C537	Off-Cycle Patrol	Base YR Rec	Base YR Rec	Base YR Rec	Base YR Rec
C540	Fuels Management	Base YR Rec	3-YR Average	Base YR Rec	3-YR Average
C544	Pole Clearing (Brushing)	Base YR Rec	Base YR Rec	Zero-Based	Zero-Based
C546	Aviation Firefighting Program	Base YR Rec	Base YR Rec	Base YR Rec	Base YR Rec
C548	Wildfire Infrastructure Protection Teams	Base YR Rec	Base YR Rec	Base YR Rec	Base YR Rec
C550	Combined Covered Conductor	Zero-Based	Zero-Based	Zero-Based	Zero-Based
C551	Prune and Removal (Clearance)	Base YR Rec	Base YR Rec	Base YR Rec	Base YR Rec
C554	Detailed Inspections	Base YR Rec	Base YR Rec	Base YR Rec	Base YR Rec

Appendix A: Forecast Methodology

Mitigation ID	Mitigation Name	Labor	Non-Labor	NSE	Units
C555	Vegetation Restoration Initiative	Zero-Based	Zero-Based	Zero-Based	Zero-Based
C556	Engagement with AFN Populations Total	3-YR Average	3-YR Average	3-YR Average	3-YR Average
C557	Public Outreach and Education Awareness	3-YR Average	3-YR Average	3-YR Average	3-YR Average
C558	Risk Methodology and Assessment	Base YR Rec	Base YR Rec	Base YR Rec	Base YR Rec
C559	LiDAR Flights	Base YR Rec	Base YR Rec	Base YR Rec	Base YR Rec
C560	Mylar Balloon Alternative	Zero-Based	Zero-Based	Zero-Based	Zero-Based
C563	Wildfire Mitigation Strategy Development	Base YR Rec	3-YR Average	Base YR Rec	Base YR Rec
C564	Distribution Communications Reliability Improvements (DCRI)	Zero-Based	Zero-Based	Zero-Based	Zero-Based
C565	Transmission Overhead Detailed Inspections	3-YR Average	3-YR Average	3-YR Average	Zero-Based
C566	Enterprise Data Foundation	Zero-Based	Zero-Based	Zero-Based	Zero-Based
C567	Public Emergency Communication Strategy	3-YR Average	3-YR Average	3-YR Average	3-YR Average
C568	Strategic Pole Replacement	Zero-Based	Zero-Based	Zero-Based	Zero-Based
C569	Cleveland National Forest Fire Hardening	Base YR Rec	Base YR Rec	Base YR Rec	Base YR Rec
C571	Emergency Preparedness and Recovery Plan	Base YR Rec	Base YR Rec	Base YR Rec	Base YR Rec
C572	Situational Awareness and Forecasting	Base YR Rec	Base YR Rec	Base YR Rec	Base YR Rec
C573	Early Fault Detection	Base YR Rec	Base YR Rec	Base YR Rec	Base YR Rec
C575	Vegetation Management Enterprise System	Base YR Rec	Base YR Rec	Base YR Rec	Base YR Rec
C576	Avian Protection	Zero-Based	Zero-Based	Zero-Based	Zero-Based
C578	QA/QC of Veg Mgmt	Base YR Rec	Base YR Rec	Base YR Rec	Base YR Rec

Appendix B: Unit Measure

Mitigation ID	Mitigation Name	Unit Measure
A520	Grid Hardening Alternative 1	Miles UG (Capital)
A522	Grid Hardening Alternative 2	Miles hardened (Capital)
C504	Standby Power Program (Fixed Backup Power Commercial)	No feasible units
C506	Microgrids	No feasible units
C507	CMP Repairs	No feasible units
C508	Advanced Protection	Nodes
C510	Hotline Clamps	Hotline clamps removed
C512	Customized Resiliency Assessment	Installations
C516	Generator Assistance Program	Rebates Issued
C518	Strategic Undergrounding	Miles UG (Capital)
C520	Distribution Overhead System Hardening	Jobs completed
C522	Transmission Overhead Hardening (Distribution Underbuild)	No feasible units
C526	Distribution Overhead Detailed Inspections	HFTD inspections
C528	Dist. System Inspection IR/Corona	HFTD inspections
C530	Distribution Wood Pole Intrusive Inspections	HFTD inspections
C534	Risk-Informed Drone Inspections	HFTD inspections
C536	Distribution Overhead Patrol Inspections	HFTD patrols
C537	Off-Cycle Patrol	VMA (Vegetation Management Area)
C540	Fuels Management	structures cleared
C544	Pole Clearing (Brushing)	Poles brushed
C546	Aviation Firefighting Program	N/A
C548	Wildfire Infrastructure Protection Teams	N/A
C550	Combined Covered Conductor	Miles hardened (Capital)
C551	Prune and Removal (Clearance)	Trees trimmed
C554	Detailed Inspections	Trees inspected

Risk Chapter: **SDG&E-Risk-4 Wildfires and PSPS**

Risk ID: **1OR04**

Appendix B: Unit Measure

Mitigation ID	Mitigation Name	Unit Measure
C555	Vegetation Restoration Initiative	Trees planted
C556	Engagement with AFN Populations Total	No feasible units
C557	Public Outreach and Education Awareness	No feasible units
C558	Risk Methodology and Assessment	No feasible units
C559	LiDAR Flights	Miles
C560	Mylar Balloon Alternative	No feasible units
C563	Wildfire Mitigation Strategy Development	No feasible units
C564	Distribution Communications Reliability Improvements (DCRI)	No feasible units
C565	Transmission Overhead Detailed Inspections	Inspections
C566	Enterprise Data Foundation	No feasible units
C567	Public Emergency Communication Strategy	No feasible units
C568	Strategic Pole Replacement	Poles
C569	Cleveland National Forest Fire Hardening	No feasible units
C571	Emergency Preparedness and Recovery Plan	No feasible units
C572	Situational Awareness and Forecasting	No feasible units
C573	Early Fault Detection	No feasible units
C575	Vegetation Management Enterprise System	No feasible units
C576	Avian Protection	Poles protected
C578	QA/QC of Veg Mgmt	No feasible units