



Risk Assessment and Mitigation Phase

(SDG&E-Risk-5-WP)

Customer & Public Safety - Contact with Electric Equipment Workpapers

May 17, 2021

2021 RAMP
SDG&E-Risk-5-WP
Risk Factors Recorded and Forecast Costs Incurred Workpaper
Tab: Incurred\$
(2020 Direct \$000)

RAMP Chapter ID	RAMP Chapter Name	Control / Mitigation ID	Control / Mitigation Name	RECORDED DOLLARS										FORECAST DOLLARS										Shared Allocations (Yes/No)				
				O&M					Capital					O&M					Capital									
				2016	2017	2018	2019	2020	2016	2017	2018	2019	2020	2022		2023		2024		2022		2023			2024			
											\$ Low	\$ High	\$ Low	\$ High	\$ Low	\$ High	\$ Low	\$ High	\$ Low	\$ High	\$ Low	\$ High						
SDG&E-Risk-5	Customer & Public Safety - Contact with Electric Equipment	C1	General Safety Communications	\$ 210	\$ 127	\$ (1)	\$ 1,991	\$ 1,670	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,500	\$ 2,170	\$ 1,500	\$ 2,170	\$ 1,500	\$ 2,170	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	No
SDG&E-Risk-5	Customer & Public Safety - Contact with Electric Equipment	M1	Kids Website Expansion	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Included in C1	Included in C1	Included in C1	Included in C1	Included in C1	Included in C1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	No
SDG&E-Risk-5	Customer & Public Safety - Contact with Electric Equipment	M2	Direct Communications to At-risk Businesses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Included in C2	Included in C2	Included in C2	Included in C2	Included in C2	Included in C2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	No
SDG&E-Risk-5	Customer & Public Safety - Contact with Electric Equipment	A1	K-12 School Curriculum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 90	\$ 115	\$ 90	\$ 115	\$ 90	\$ 115	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	No
SDG&E-Risk-5	Customer & Public Safety - Contact with Electric Equipment	A2	Dedicated Safety Outreach Position	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 90	\$ 115	\$ 90	\$ 115	\$ 90	\$ 115	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	No
NOTES:																												
[1] The figures provided are direct charges and do not include company loaders, with the exception of vacation and sick. The costs are also in 2020 dollars and have not been escalated to 2021 amounts.																												
[2] Costs are provided, where available, for all activities regardless of whether a RSE analysis was performed.																												

2021 RAMP

SDG&E-Risk-5-WP

Cross-Functional Factors Recorded and Forecast Costs Shared Allocations Workpaper

Tab: Shared Allocations

(2020 Direct \$000)

CFF Volume ID	CFF Name	Line No.	Project / Program Description	O&M Shared Allocations			
				Retained	SDG&E	Sempra Energy	Other
SDG&E-Risk-5	Customer & Public Safety - Contact with Electric Equipment	C1	General Safety Communications	100%	0%	0%	0%
SDG&E-Risk-5	Customer & Public Safety - Contact with Electric Equipment	M1	Kids Website Expansion	100%	0%	0%	0%
SDG&E-Risk-5	Customer & Public Safety - Contact with Electric Equipment	M2	Direct Communications to At-risk Businesses	100%	0%	0%	0%
SDG&E-Risk-5	Customer & Public Safety - Contact with Electric Equipment	A1	K-12 School Curriculum	100%	0%	0%	0%
SDG&E-Risk-5	Customer & Public Safety - Contact with Electric Equipment	A2	Dedicated Safety Outreach Position	100%	0%	0%	0%

2021 RAMP
SDG&E-Risk-5-WP
Risk Factors Recorded and Forecast Costs After Allocations Workpaper
Tab: After Allocation\$
(2020 Direct \$000)

RAMP Chapter ID	RAMP Chapter Name	Control / Mitigation ID	Control / Mitigation Name	RECORDED DOLLARS										FORECAST DOLLARS												
				O&M					Capital					O&M					Capital							
				2016	2017	2018	2019	2020	2016	2017	2018	2019	2020	2022		2023		2024		2022		2023		2024		
				\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$ Low	\$ High	\$ Low	\$ High	\$ Low	\$ High	\$ Low	\$ High	\$ Low	\$ High	\$ Low	\$ High	
SDG&E-Risk-5	Customer & Public Safety - Contact with Electric Equipment	C1	General Safety Communications	\$ 210	\$ 127	\$ (1)	\$ 1,991	\$ 1,670	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,500	\$ 2,170	\$ 1,500	\$ 2,170	\$ 1,500	\$ 2,170	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SDG&E-Risk-5	Customer & Public Safety - Contact with Electric Equipment	M1	Kids Website Expansion	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Included in C1	Included in C1	Included in C1	Included in C1	Included in C1	Included in C1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SDG&E-Risk-5	Customer & Public Safety - Contact with Electric Equipment	M2	Direct Communications to At-risk Businesses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Included in C2	Included in C2	Included in C2	Included in C2	Included in C2	Included in C2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SDG&E-Risk-5	Customer & Public Safety - Contact with Electric Equipment	A1	K-12 School Curriculum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 90	\$ 115	\$ 90	\$ 115	\$ 90	\$ 115	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SDG&E-Risk-5	Customer & Public Safety - Contact with Electric Equipment	A2	Dedicated Safety Outreach Position	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 90	\$ 115	\$ 90	\$ 115	\$ 90	\$ 115	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
NOTES:																										
[1] The figures provided are direct charges and do not include company loaders, with the exception of vacation and sick. The costs are also in 2020 dollars and have not been escalated to 2021 amounts.																										
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2021 RAMP
 SDG&E-Risk-5-WP
 Risk Factors Recorded and Forecast Units Workpaper
 Tab: Units

RAMP Chapter ID	RAMP Chapter Name	Control / Mitigation ID	Control / Mitigation Name	Units Description		RECORDED UNITS										FORECAST UNITS									
				Capital	O&M	O&M					Capital					O&M					Capital				
				2016	2017	2018	2019	2020	2016	2017	2018	2019	2020	2022		2023		2024		2022		2023		2024	
														Low	High	Low	High	Low	High	Low	High	Low	High	Low	High
SDG&E-Risk-5	Customer & Public Safety - Contact with Electric Equipment	C1	General Safety Communications	No Feasible Units	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SDG&E-Risk-5	Customer & Public Safety - Contact with Electric Equipment	M1	Kids Website Expansion	No Feasible Units	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SDG&E-Risk-5	Customer & Public Safety - Contact with Electric Equipment	M2	Direct Communications to At-risk Businesses	No Feasible Units	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SDG&E-Risk-5	Customer & Public Safety - Contact with Electric Equipment	A1	K-12 School Curriculum	No. of curriculum	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	-	-	-	-	
SDG&E-Risk-5	Customer & Public Safety - Contact with Electric Equipment	A2	Dedicated Safety Outreach Position	FTE	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	-	-	-	-	