

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-S-WP
Risk Factors Recorded and Forecast Costs Incurred Workpaper
Tab: Incurred\$
(2020 Direct \$000)

				RECORDED DOLLARS								FORECAST DOLLARS																
						0&M					Capital			O&M							Capital							
		Control / Mitigation		2016	2017	2018	2019	2020	2016	2017	2018	2019	2020		2022		023	21	024	2022		2023		2024		Shared Allocations		
RAMP Chapter ID	RAMP Chapter Name	ID	Control / Mitigation Name	2020	2027	2010	2013	2020	2010	2027		201.		\$ Low	\$ High	\$ Low	\$ High	\$ Low	\$ High	\$ Low	\$ High	\$ Low	\$ High	\$ Low	\$ High	(Yes/No)		
	Customer & Public Safety - Contact with Electric																											
SDG&E-Risk-5	Equipment	C1	General Safety Communications	\$ 210	\$ 127	\$ (:	1) \$ 1,99	1 \$ 1,670	\$ -	\$ -	\$ -	\$ -	\$ -		500 \$ 2,170						\$ -	\$ -	\$ -	\$ -	\$ -	No		
	Customer & Public Safety - Contact with Electric													Included		Included	Included	Included	Included									
SDG&E-Risk-5	Equipment	M1	Kids Website Expansion	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	C1	in C1	in C1	in C1	in C1	in C1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	No		
	Customer & Public Safety - Contact with Electric													Included			Included											
SDG&E-Risk-5	Equipment	M2	Direct Communications to At-risk Businesses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	C2	in C2	in C2	in C2	in C2	in C2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	No		
	Customer & Public Safety - Contact with Electric																											
SDG&E-Risk-5	Equipment	A1	K-12 School Curriculum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	- \$	- \$	90 \$ 115	\$ 90	\$ 115	\$ 90	\$ 115	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	No		
	Customer & Public Safety - Contact with Electric																											
SDG&E-Risk-5	Equipment	A2	Dedicated Safety Outreach Position	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	- \$	- \$	90 \$ 115	\$ 90	\$ 115	\$ 90	\$ 115	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	No		
NOTES:																												
[1] The figures prov	ided are direct charges and do not include compar	ny loaders, with the e	xception of vacation and sick. The costs are also in 2020 dollars and ha	we not beer	escalated	to 2021 an	nounts.																					
[3] Costs are provis	led, where available, for all activities regardless of v	whathar a BSE analysi	r was performed																									
[2] Costs are provid	ed, where available, for all activities regardless of t	whether a RSE analysi	s 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)

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

					RECORDED DOLLARS									FORECAST DOLLARS													
	O&M							Capital					0&	м			Capital										
		Control /		2016	2016 2017 2018 2019 2020 2010			2016	2017	2018	2019	2020	202	2022		2023 20			2022		2023		2024				
RAMP Chapter ID	RAMP Chapter Name	Mitigation ID	Control / Mitigation Name	2010	2027	2010	2023	2020	2010	2027	2010	2023	2020	\$ Low	\$ High	\$ Low	\$ High	\$ Low	\$ High	\$ Low	\$ High	\$ Low	\$ High	\$ Low	\$ High		
	Customer & Public Safety - Contact with Electric																										
SDG&E-Risk-5	Equipment	C1	General Safety Communications	\$ 210	\$ 127	\$ (1	\$ 1,991	\$ 1,670	\$ -	\$ -	\$ -	\$ -	\$ -				\$ 2,170				\$ -	\$ -	\$ -	\$ -	\$ -		
	Customer & Public Safety - Contact with Electric													Included in	Included	Included	Included	Included	Included								
SDG&E-Risk-5	Equipment	M1	Kids Website Expansion	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	C1	in C1	in C1	in C1	in C1	in C1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Customer & Public Safety - Contact with Electric													Included in	Included	Included	Included	Included	Included								
	Equipment	M2	Direct Communications to At-risk Businesses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	C2	in C2	in C2	in C2	in C2	in C2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Customer & Public Safety - Contact with Electric																										
SDG&E-Risk-5	Equipment		K-12 School Curriculum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 90	\$ 115	\$ 90	\$ 115	90	\$ 115	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Customer & Public Safety - Contact with Electric																										
SDG&E-Risk-5	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.

[2] Costs are provided, where available, for all activities regardless of whether a RSE analysis was performed.

2021 RAMP SDG&E-Risk-5-WP Risk Factors Recorded and Forecast Units Workpaper Tab: Units

						RECORDED UNITS										FORECAST UNITS													
								0&M			Capital						0&	М			Capital								
		Control / Mitigation		Units De	Units Description 20		2017	2018	2019	2020	2016	2017	2018	2019	2020	20	2022 2023		023	2	024	20	122	2	023	20	024		
RAMP Chapter ID	RAMP Chapter Name	ID	Control / Mitigation Name	Capital	0&M	2010	2017	2010	2023	2020	2020	2017	2020	2013	2020	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High		
	Customer & Public Safety - Contact with Electric																										ĺ		
SDG&E-Risk-5	Equipment	C1	General Safety Communications	No Feasible Units		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Customer & Public Safety - Contact with Electric																										ĺ		
SDG&E-Risk-5	Equipment	M1	Kids Website Expansion	No Feasible Units		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Customer & Public Safety - Contact with Electric																										ĺ		
SDG&E-Risk-5	Equipment	M2	Direct Communications to At-risk Businesses	No Feasible Units		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Customer & Public Safety - Contact with Electric																												
SDG&E-Risk-5	Equipment	A1	K-12 School Curriculum		No. of curriculum		- 1	-	- 1	-	-	-	-	-	-	1	1	1	1	1	1	-	-	-	-	-			
	Customer & Public Safety - Contact with Electric																										ĺ		
SDG&E-Risk-5	Equipment	A2	Dedicated Safety Outreach Position		FTE	-	-	-	- 1	- 1	-	-	-	-	-	1	1	1	1	1	1	-	-	-	-	-	-		