



Risk Assessment and Mitigation Phase

(Chapter SCG-Risk-7-WP)

Incident Involving a Contractor

Workpapers

May 17, 2021

2021 RAMP
 SCG-Risk-7-WP
 Risks Recorded and Forecast Costs Incurred Allocations 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		
SCG-Risk-7	Incident Involving a Contractor	C1	Contractor Safety Oversight	\$ 1,109	\$ 1,054	\$ 867	\$ 1,716	\$ 1,669	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,586	\$ 1,920	\$ 1,586	\$ 1,920	\$ 1,586	\$ 1,920	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	No
SCG-Risk-7	Incident Involving a Contractor	C2	Third-Party Administration Tools	\$ 43	\$ 42	\$ 42	\$ 31	\$ 49	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 47	\$ 57	\$ 47	\$ 57	\$ 47	\$ 57	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	No
SCG-Risk-7	Incident Involving a Contractor	C3	Contractor Engagement	\$ 11	\$ 15	\$ 19	\$ 17	\$ 11	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10	\$ 13	\$ 10	\$ 13	\$ 10	\$ 13	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	No
SCG-Risk-7	Incident Involving a Contractor	C4	Construction Contractor Field Oversight	\$ -	\$ -	\$ -	\$ -	\$ 303	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 287	\$ 348	\$ 287	\$ 348	\$ 287	\$ 348	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	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

SCG-Risk-7-WP

Risks Shared Allocations Workpaper

Tab: Shared Allocations

(2020 Direct \$000)

RAMP Chapter ID	RAMP Chapter Name	Control / Mitigation ID	Control / Mitigation Name	Shared Allocations			
				Retained	SDG&E	Sempra Energy	Other
SCG-Risk-7	Incident Involving a Contractor	C1	Contractor Safety Oversight	100%	0%	0%	0%
SCG-Risk-7	Incident Involving a Contractor	C2	Third-Party Administration Tools	100%	0%	0%	0%
SCG-Risk-7	Incident Involving a Contractor	C3	Contractor Engagment	100%	0%	0%	0%
SCG-Risk-7	Incident Involving a Contractor	C4	Construction Contractor Field Oversight	100%	0%	0%	0%

2021 RAMP
 SCG-Risk-7-WP
 Risks Recorded and Forecast Costs After Allocations Workpaper
 Tab: After Allocations\$
 (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					
SCG-Risk-7	Incident Involving a Contractor	C1	Contractor Safety Oversight	\$ 1,109	\$ 1,054	\$ 867	\$ 1,716	\$ 1,660	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,586	\$ 1,920	\$ 1,586	\$ 1,920	\$ 1,586	\$ 1,920	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SCG-Risk-7	Incident Involving a Contractor	C2	Third-Party Administration Tools	\$ 43	\$ 42	\$ 42	\$ 31	\$ 49	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 47	\$ 57	\$ 47	\$ 57	\$ 47	\$ 57	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SCG-Risk-7	Incident Involving a Contractor	C3	Contractor Engagement	\$ 11	\$ 15	\$ 19	\$ 17	\$ 11	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10	\$ 13	\$ 10	\$ 13	\$ 10	\$ 13	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SCG-Risk-7	Incident Involving a Contractor	C4	Construction Contractor Field Oversight	\$ -	\$ -	\$ -	\$ -	\$ 303	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 287	\$ 348	\$ 287	\$ 348	\$ 287	\$ 348	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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2021 RAMP
 SCG-Risk-7-WP
 Risks Recorded and Forecast Units Workpaper
 Tab: Units

RAMP Chapter ID	RAMP Chapter Name	Control / Mitigation ID	Control / Mitigation Name	RECORDED UNITS										FORECAST UNITS													
				O&M					Capital					O&M					Capital								
				Units Description		2016	2017	2018	2019	2020	2016	2017	2018	2019	2020	2022		2023		2024		2022		2023		2024	
				Capital	O&M										Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	
SCG-Risk-7	Incident Involving a Contractor	C1	Contractor Safety Oversight	FTE	2	2	2	2	2	0	0	0	0	0	2	2	2	2	2	2	0	0	0	0	0		
SCG-Risk-7	Incident Involving a Contractor	C2	Third-Party Administration Tools	License	3	3	3	3	3	0	0	0	0	0	3	3	3	3	3	3	0	0	0	0	0		
SCG-Risk-7	Incident Involving a Contractor	C3	Contractor Engagement	Event	5	5	5	5	5	0	0	0	0	0	5	5	5	5	5	5	0	0	0	0	0		
SCG-Risk-7	Incident Involving a Contractor	C4	Construction Contractor Field Oversight	FTE	0	0	0	0	4	0	0	0	0	0	4	4	4	4	4	4	0	0	0	0	0		