



**Risk Assessment and Mitigation Phase**  
**(Chapter SDG&E-Risk-2-WP)**  
**Electric Infrastructure Integrity**  
**Workpapers**

**May 17, 2021**



2021 RAMP

SDG&E-Risk-2-WP

Risks Shared Allocations Workpaper

Tab: Shared Allocations

(2020 Direct \$000)

RAMP Chapter ID	RAMP Chapter Name	Control / Mitigation ID	Control / Mitigation Name	O&M Shared Allocations			
				Retained	SoCalGas	Sempra Energy	Other
SDG&E-Risk-2	Electric Infrastructure Integrity	C1	Overhead Public Safety (OPS) Program	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C2	GO165 Pole Replacement Reinforcement	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C3	4kV Modernization Program – Distribution	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C4:T1	Distribution Overhead Switch Replacement Program - SCADA	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C4:T2	Distribution Overhead Switch Replacement Program - Gang	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C4:T3	Distribution Overhead Switch Replacement Program - Hook	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C5	Management of Overhead Distribution Service (Non-CMP)	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C6	Vegetation Management (non-HFTD)	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C7	Restoration of Service	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C8	Aviation Protection Program	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C9	Underground Cable Replacement Program – Reactive	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C10:T1	Underground Cable Replacement Program – Proactive – UG Feeder	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C10:T2	Underground Cable Replacement Program – Proactive – UG Branch	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C10:T3	Underground Cable Replacement Program – Proactive – North Harbor Project	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C11	Tee Modernization Program	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C12	Replacement of Live Front Equipment - Reactive	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C13	Replacement of Live Front Equipment - Proactive	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C14	DOE Switch Replacement – Underground	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C15	GO165 Corrective Maintenance Program – Underground	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C16	GO 165 Manhole, Vault Restoration Program	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C17	Management of Underground Distribution Service (Non-CMP)	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C18	Distribution Circuit Reliability	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C19	Minor Distribution Substation Reliability Projects	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C20:T1	Substation Reliability for Distribution Components – Batiquitos 12kV Replacements	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C20:T2	Substation Reliability for Distribution Components – Bernardo 12kV Breakers Replacements	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C20:T3	Substation Reliability for Distribution Components – Chicarita 12kV Replacements	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C20:T4	Substation Reliability for Distribution Components – Laguna Niguel 12kV Replacements	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C20:T5	Substation Reliability for Distribution Components – Miramar 12kV Replacements	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C20:T6	Substation Reliability for Distribution Components – Scripps 12kV Replacements	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C20:T7	Substation Reliability for Distribution Components – Pacific Beach Bus Tie Replacements	100%	0%	0%	0%

RAMP Chapter ID	RAMP Chapter Name	Control / Mitigation ID	Control / Mitigation Name	O&M Shared Allocations			
				Retained	SoCalGas	Sempra Energy	Other
SDG&E-Risk-2	Electric Infrastructure Integrity	C20:T8	Substation Reliability for Distribution Components – Coronado 69/12kV Transformer Replacements	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C21	Distribution Substation Obsolete Equipment	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C22	Emergency Transformer and Switchgear	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C23	San Mateo Substation Rebuild	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C24	Urban Substation Rebuild	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C25	Substation Inspection GO-174	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C26	Power Quality Monitor Deployment and Replacement	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C27	Distribution Substation SCADA Expansion	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C28	Field SCADA RTU Replacement	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	C29	SCADA Capacitors	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	M1	Non-HFTD Wireless Fault Indicator OH	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	M2	UG Fault Detection	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	A1	Customer Owned E-Structure Reconfigure	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	A2:T1	Modernize Manual Switches - OH	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	A2:T2	Modernize Manual Switches - UG	100%	0%	0%	0%
SDG&E-Risk-2	Electric Infrastructure Integrity	A3	Avian Protection Program	100%	0%	0%	0%



