



Risk Assessment and Mitigation Phase

(Chapter SCG -Risk-2-WP)

Excavation Damage (Dig-In) on the Gas System Workpapers

May 17, 2021

2021 RAMP
 SCG-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	Shared Allocations			
				Retained	SDG&E	Sempra Energy	Other
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C01	Locate and Mark Training - (MP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C12	Damage Prevention Analysts - (HP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C13	Locating Equipment and supporting computer Hardware/Software - (MP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C14	Locating Equipment and supporting computer Hardware/Software - (HP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C15-T1	Public Awareness - Affected Public - (MP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C15-T2	Public Awareness - Emergency Officials - (MP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C15-T3	Public Awareness - Local Public Officials - (MP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C15-T4	Public Awareness - Excavators - (MP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C16-T1	Public Awareness - Affected Public - (HP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C16-T2	Public Awareness - Emergency Officials - (HP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C16-T3	Public Awareness - Local Public Officials - (HP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C16-T4	Public Awareness - Excavators - (HP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C17	Increase Reporting of Unsafe Excavation - (MP)	84%	16%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C19	Damage Prevention Policy Activities - (MP)	84%	16%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C18	Increase Reporting of Unsafe Excavation - (HP)	84%	16%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C20	Damage Prevention Policy Activities - (HP)	84%	16%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C02	Locate and Mark Training - (HP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C03	Locate and Mark Activities - (MP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C04	Locate and Mark Activities - (HP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C07	Locate and Mark Operator Qualification - (MP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C08	Locate and Mark Operator Qualification - (HP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C09	Locate and Mark Quality Assurance - (MP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C10	Locate and Mark Quality Assurance - (HP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C11	Damage Prevention Analysts - (MP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	M1	Automate Third Party Excavation Incident Reporting - (MP)	84%	16%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	M3	Locate and Mark Photographs - (MP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	M7	Leverage Technology for Difficult Locates - (MP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C33	Enhance Ticket Management Software - (MP)	84%	16%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C35	Leverage Data Gathered by Locating Equipment - (MP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C05	Locate and Mark Annual Refresher Training and Competency Program - (MP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C22	Gold Shovel Standard Program - (MP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	M5	Electronic Positive Response - (MP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C24	Excess Flow Valve or Curb Valve Installation - (MP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C31	Ticket Risk Assessment and Evaluating City Permit Data - (MP)	84%	16%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C25	Pipeline Patrol and Pipeline Markers - (MP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	M11	Outreach for Latent 3rd Party Damages - (MP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C27	Company Excavator Training - (MP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C29	Warning Mesh - (MP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	A1	Virtual Reality Training - (MP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	A2	GPS Tracking of Excavation Equipment - (MP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	M2	Automate Third Party Excavation Incident Reporting - (HP)	84%	16%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	M4	Locate and Mark Photographs - (HP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	M8	Leverage Technology for Difficult Locates - (HP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C34	Enhance Ticket Management Software - (HP)	84%	16%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C36	Leverage Data Gathered by Locating Equipment - (HP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C06	Locate and Mark Annual Refresher Training and Competency Program - (HP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C23	Gold Shovel Standard Program - (HP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	M6	Electronic Positive Response - (HP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C32	Ticket Risk Assessment and Evaluating City Permit Data - (HP)	84%	16%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C26	Pipeline Patrol and Pipeline Markers - (HP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	M12	Outreach for Latent 3rd Party Damages - (HP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C28	Company Excavator Training - (HP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C30	Warning Mesh - (HP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C21	Prevention & Improvements - Fiber Optics - (HP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	C37	Pipeline Monitoring Technologies - (HP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	A3	Virtual Reality Training - (HP)	100%	0%	0%	0%
SCG-Risk-2	EXCAVATION DAMAGE (DIG-IN) ON THE GAS SYSTEM	A4	GPS Tracking of Excavation Equipment - (HP)	100%	0%	0%	0%

