WP SCG- 1: Recorded and Forecast Costs Workpaper (2018 Direct \$000)

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Disk hole Disk hole <t< th=""><th>RAMP Chapter ID</th><th></th><th>Mitigation ID</th><th>Control/Mitigation Name</th><th>2014</th><th>2015 201</th><th>0 4</th><th>2017 2018</th><th>2014</th><th>2015</th><th>2016</th><th>2017</th><th>2018</th><th>\$ Low</th><th>\$ High</th><th>\$ Low</th><th>\$ High</th><th>\$ Low</th><th>\$ High</th><th>\$ Low</th><th>\$ High</th><th>\$ Low</th><th>\$ High</th><th>\$ Low</th><th>\$ High</th><th>4</th></t<>	RAMP Chapter ID		Mitigation ID	Control/Mitigation Name	2014	2015 201	0 4	2017 2018	2014	2015	2016	2017	2018	\$ Low	\$ High	\$ Low	\$ High	\$ Low	\$ High	\$ Low	\$ High	\$ Low	\$ High	\$ Low	\$ High	4
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Diak Description	500 1				312,037	ŞI3,327 ŞIJ,	100 31	13,701 310,03	JU 34,807	34,321	30,093	\$5,008	\$7,133	\$15,700	\$20,138	310,470	\$21,040	\$17,181	\$21,555	\$9,007	\$11,505	33,842	\$12,577	\$10,078	Ş13,044	
11 and	SCG-1	(Excluding Dig-in)	SCG-1-C2	Valve Inspections and Maintenance	\$774	\$792 \$	313	\$840 \$89	5 \$0	\$0	\$0	\$0	\$0	\$845	\$1,080	\$871	\$1,113	\$897	\$1,146	\$0	\$0	\$0	\$0	\$0	\$0	
1 1 </td <td>555 A</td> <td></td> <td>SCG-1-C3</td> <td>Meter and Regulator (M&R) Maintenance</td> <td>440 500</td> <td></td> <td></td> <td></td> <td></td> <td>440.070</td> <td></td> <td>410 510</td> <td>45.000</td> <td>400.004</td> <td>405 740</td> <td>404 400</td> <td>405.000</td> <td>404.005</td> <td>407.040</td> <td>44.070</td> <td>AF 150</td> <td>40 505</td> <td>40.000</td> <td>47.40</td> <td>40.40</td> <td></td>	555 A		SCG-1-C3	Meter and Regulator (M&R) Maintenance	440 500					440.070		410 510	45.000	400.004	405 740	404 400	405.000	404.005	407.040	44.070	AF 150	40 505	40.000	47.40	40.40	
	SCG-1				\$13,592	\$14,051 \$14,	584 Ş1	14,033 \$14,68	9 \$14,254	\$13,278	\$19,021	\$10,516	\$5,838	\$20,934	\$26,749	Ş21,130	\$26,999	\$21,325	\$27,249	\$4,270	\$5,456	\$2,506	\$3,202	\$743	\$949	+
Part Area Part Area Part Area Part Area Part Area Part Area Part Area Part Area Part	SCG-1		SCG-1-C4	Meter Set Assembly (MSA) Inspection and Maintenance	\$11,584	\$9,326 \$9,	518 \$1	11,576 \$10,07	8 \$23,487	\$37,441	\$30,885	\$14,879	\$18,593	\$10,381	\$13,264	\$10,375	\$13,257	\$10,378	\$13,261	\$10,906	\$13,935	\$7,994	\$10,215	\$5,083	\$6,495	
Description		Medium Pressure Gas Pipeline Incident	SCG-1-C5	Pineline Patrol																						
Dim Dim <td>SCG-1</td> <td></td> <td>500 1 05</td> <td>Tipeline Factor</td> <td>\$130</td> <td>\$141 \$</td> <td>138</td> <td>\$140 \$9</td> <td>0 \$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$175</td> <td>\$223</td> <td>\$184</td> <td>\$235</td> <td>\$194</td> <td>\$248</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td></td>	SCG-1		500 1 05	Tipeline Factor	\$130	\$141 \$	138	\$140 \$9	0 \$0	\$0	\$0	\$0	\$0	\$175	\$223	\$184	\$235	\$194	\$248	\$0	\$0	\$0	\$0	\$0	\$0	
Prime Prim Prime Prime <th< td=""><td>SCG-1</td><td></td><td>SCG-1-C6</td><td>Gas Infrastructure Protection Project (GIPP)</td><td>\$468</td><td>\$265 \$</td><td>248</td><td>\$377 \$1 77</td><td>8 \$5 651</td><td>\$5 310</td><td>\$6 951</td><td>\$4 226</td><td>\$6 743</td><td>\$746</td><td>\$953</td><td>\$746</td><td>\$953</td><td>\$746</td><td>\$953</td><td>\$4 861</td><td>\$6 211</td><td>\$4 861</td><td>\$6 211</td><td>\$4 861</td><td>\$6 211</td><td></td></th<>	SCG-1		SCG-1-C6	Gas Infrastructure Protection Project (GIPP)	\$468	\$265 \$	248	\$377 \$1 77	8 \$5 651	\$5 310	\$6 951	\$4 226	\$6 743	\$746	\$953	\$746	\$953	\$746	\$953	\$4 861	\$6 211	\$4 861	\$6 211	\$4 861	\$6 211	
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Dim Dim <td>SCG-1</td> <td></td> <td>SCG-1-C7-T1</td> <td>DREAMS: Vintage Integrity Plastic Plan (VIPP)</td> <td>\$599</td> <td>\$252 \$</td> <td>190 Ş</td> <td>\$2,307 \$1,58</td> <td>9 \$6,434</td> <td>\$20,364</td> <td>\$42,049</td> <td>\$65,619</td> <td>\$103,706</td> <td>\$662</td> <td>\$846</td> <td>\$662</td> <td>\$846</td> <td>\$662</td> <td>\$846</td> <td>\$126,000</td> <td>\$161,000</td> <td>\$126,000</td> <td>\$161,000</td> <td>\$153,000</td> <td>\$195,500</td> <td></td>	SCG-1		SCG-1-C7-T1	DREAMS: Vintage Integrity Plastic Plan (VIPP)	\$599	\$252 \$	190 Ş	\$2,307 \$1,58	9 \$6,434	\$20,364	\$42,049	\$65,619	\$103,706	\$662	\$846	\$662	\$846	\$662	\$846	\$126,000	\$161,000	\$126,000	\$161,000	\$153,000	\$195,500	
Description Description <thdescription< th=""> <thdescription< th=""></thdescription<></thdescription<>			SCG-1-C7-T2	DREAMS: Bare Steel Replacement Program (BSRP)																						
Diama Diama <th< td=""><td>SCG-1</td><td></td><td></td><td></td><td>\$257</td><td>\$108 \$:</td><td>210</td><td>\$989 \$68</td><td>\$2,758</td><td>\$8,727</td><td>\$18,021</td><td>\$28,123</td><td>\$44,445</td><td>\$284</td><td>\$363</td><td>\$284</td><td>\$363</td><td>\$284</td><td>\$363</td><td>\$54,000</td><td>\$69,000</td><td>\$54,000</td><td>\$69,000</td><td>\$65,700</td><td>\$83,950</td><td></td></th<>	SCG-1				\$257	\$108 \$:	210	\$989 \$68	\$2,758	\$8,727	\$18,021	\$28,123	\$44,445	\$284	\$363	\$284	\$363	\$284	\$363	\$54,000	\$69,000	\$54,000	\$69,000	\$65,700	\$83,950	
Number Number Number Number </td <td>SCG-1</td> <td></td> <td>SCG-1-C8</td> <td>Sewer Lateral Inspection Project (SLIP)</td> <td>\$5,091</td> <td>\$6,108 \$8,</td> <td>/04 \$1</td> <td>10,175 \$9,58</td> <td>3 \$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$9,065</td> <td>\$11,583</td> <td>\$9,065</td> <td>\$11,583</td> <td>\$9,065</td> <td>\$11,583</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td></td>	SCG-1		SCG-1-C8	Sewer Lateral Inspection Project (SLIP)	\$5,091	\$6,108 \$8,	/04 \$1	10,175 \$9,58	3 \$0	\$0	\$0	\$0	\$0	\$9,065	\$11,583	\$9,065	\$11,583	\$9,065	\$11,583	\$0	\$0	\$0	\$0	\$0	\$0	
		Medium Pressure Gas Pipeline Incident	SCG 1 C0	Distribution Picor Inspection Project (DPIP)																						
Matrix Matrix<	SCG-1		300-1-09	Distribution Riser Inspection Project (DRIP)	\$7,990	\$7,869 \$16,3	227 \$1	14,942 \$14,83	9 \$0	\$0	\$0	\$0	\$0	\$15,108	\$19,305	\$15,108	\$19,305	\$15,108	\$19,305	\$0	\$0	\$0	\$0	\$0	\$0	4
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Image: And and a state of the stat	300-1				ŞU	ŞU	ŞU		JU - ŞU	ŞU	ŞU	202	\$722	ŞU	ŞU	ŞU	ŞU	30	ŞU	\$4,491	Ş5,759	ŞZ6,406	Ş30,299	332,205	\$41,150	+
Distriction Distriction <	SCG-1		SCG-1-C11	Leak Survey	\$6,327	\$5,709 \$6,	340 \$	\$7,459 \$9,67	4 \$0	\$0	\$0	\$0	\$0	\$9,432	\$12,052	\$10,192	\$13,023	\$10,952	\$13,994	\$O	\$0	\$0	<u>\$</u> 0	\$0	\$0	
Dim Dim <thd< td=""><td></td><td></td><td>SCG-1-C12</td><td>Bridge & Span Inspections</td><td></td><td><i></i></td><td></td><td>470</td><td></td><td></td><td></td><td></td><td>Ţ</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1 .</td><td></td></thd<>			SCG-1-C12	Bridge & Span Inspections		<i></i>		470					Ţ												1 .	
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Series Series<	SCG-1		SCG-1-C13	Unstable Earth Inspection	\$6	\$7	\$8	\$7 ¢	8 \$0	\$0	\$0	\$0	\$0	\$8	\$11	\$9	\$11	\$9	\$12	ŚO	\$0	\$0	\$0	\$0	\$0	
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Sch-5 Dight of conde with any ensure start of many en	366-5			Pipeline Safety Ennancement Plan – Pipeline Replacement: Phase 2A	\$0	\$0	Ş0	\$0 \$	υ \$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,081	\$7,771	\$12,652	\$16,167	\$30,310	\$38,730	
High Pesare Gas Pepeline Indexent (Excluding Bigs) CGS- 6C-12 Pepeline Safe for functionent Plan - Pressure Esting Planes all S S S S <td>SCG-5</td> <td>· · ·</td> <td></td> <td>Pipeline Safety Enhancement Plan – Pressure Testing: Phase 14</td> <td>Śŋ</td> <td>\$0</td> <td>\$0</td> <td>\$0 ¢</td> <td>0 \$0</td> <td>\$0</td> <td>\$0</td> <td>ŚŊ</td> <td>\$0</td> <td>ŚŊ</td> <td>ŚŊ</td> <td>\$0</td> <td>\$n</td> <td>\$0</td> <td>Śŋ</td> <td>Śſ</td> <td>ŚŊ</td> <td>\$0</td> <td>ŚŊ</td> <td>Śſ</td> <td>\$0</td> <td></td>	SCG-5	· · ·		Pipeline Safety Enhancement Plan – Pressure Testing: Phase 14	Śŋ	\$0	\$0	\$0 ¢	0 \$0	\$0	\$0	ŚŊ	\$0	ŚŊ	ŚŊ	\$0	\$n	\$0	Śŋ	Śſ	ŚŊ	\$0	ŚŊ	Śſ	\$0	
Sch Digh Concent Petine Safety Enhancement Plan – Pressure Testing: Phase 18 So So So So So				,			<i>(</i> -	, ,		ŲŲ	ψŪ		,,	ŲŲ	ψŲ	ŲĻ	γU	ŲŲ	υÇ	υĻ	γu	ŲÇ	Ųζ	ŲÇ	ŲÇ.	
SCG-5 Dig-in SCG-5-C7 Pipeline Safety Enhancement Plan – Pressure Esting: Phase 2A S	SCG-5	Dig-in)	SCG-5-C4-T2	Pipeline Safety Enhancement Plan – Pressure Testing: Phase 1B	\$0	\$40 \$	348	\$135 \$	0 \$0	\$6	\$67	\$0	\$569	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
High Pressure Gas Pipeline Incident (Excluding Dig-in) SCG-5-C Pipeline Safety Enhancement Plan – Valve Automation 50 50 50 <th< td=""><td>1</td><td></td><td></td><td></td><td>I T</td><td></td><td></td><td>. </td><td></td><td>L T</td><td></td><td>I, T</td><td>L I</td><td>. T</td><td></td><td></td><td></td><td>I T</td><td></td><td></td><td>L T</td><td></td><td></td><td></td><td>Ι</td><td></td></th<>	1				I T			.		L T		I, T	L I	. T				I T			L T				Ι	
SCG-5 Digin SCG-5C SCG-5C <t< td=""><td>SCG-5</td><td></td><td></td><td>Pipeline Safety Enhancement Plan – Pressure Testing: Phase 2A</td><td>\$0</td><td>\$0</td><td>Ş2 Ş</td><td>\$2,192 \$1,44</td><td>0 \$0</td><td>\$0</td><td>\$72</td><td>\$1,133</td><td>\$211</td><td>\$32,523</td><td>\$41,558</td><td>\$99,079</td><td>\$126,601</td><td>\$71,708</td><td>\$91,627</td><td>\$10,786</td><td>\$13,782</td><td>\$24,464</td><td>\$31,259</td><td>\$31,139</td><td>\$39,789</td><td><u>+</u></td></t<>	SCG-5			Pipeline Safety Enhancement Plan – Pressure Testing: Phase 2A	\$0	\$0	Ş2 Ş	\$2,192 \$1,44	0 \$0	\$0	\$72	\$1,133	\$211	\$32,523	\$41,558	\$99,079	\$126,601	\$71,708	\$91,627	\$10,786	\$13,782	\$24,464	\$31,259	\$31,139	\$39,789	<u>+</u>
High Pressure Gas Pipeline lickluction Sci-S-C Transission Integrity Management Program (TIMP) Sci-S Sci-S Sci-S-C Transission Integrity Management Program (TIMP) Sci-S Sci-S Sci-S Sci-S-C Transission Integrity Management Program (TIMP) Sci-S	SCG-5			Pineline Safety Enhancement Plan – Valve Automation	ćn	Śņ	ŚŊ	śn é	0 ¢470	\$1 000	\$1 207	\$4 120	\$10.252	ćn	ćn	ćo	ćo	ćņ	ćn	\$10 EGO	\$62.052	\$32.070	\$12 120	¢E 470	¢6 000	
SGG-5 Digh SGG-5 Transission Integrity Management Program (TIMP) \$45,00 \$41,22 \$47,20 \$47,20 \$47,20 \$47,20 \$47,20 \$47,20 \$47,20 \$47,20 \$47,20 \$55,503 \$43,437 \$55,503 \$51,935 \$66,362 \$				ripenite barety enhancement rian - valve Automation	οų	υç	οų	- yu - Şi	-v 24/8	71,030	/ 50,1 ډ	,+,15U	\$10,505	οç	οų	γU	şυ	γU	γU	,940,003	202,000	<i>232,91</i> 0	¥42,128	7,4/0	90,99U	t
High Pressure Gas Pipeline Incident [Sculution] CG-5-77 Value Maintenance So So <t< td=""><td>SCG-5</td><td></td><td></td><td>Transmission Integrity Management Program (TIMP)</td><td>\$45,802</td><td>\$41,124 \$43,4</td><td>\$4</td><td>\$66,90</td><td>0 \$41,074</td><td>\$47,693</td><td>\$47,209</td><td>\$107,222</td><td>\$191,219</td><td>\$43,437</td><td>\$55,503</td><td>\$43,437</td><td>\$55,503</td><td>\$43,437</td><td><u>\$</u>55,503</td><td>\$51,935</td><td>\$66,362</td><td>\$51,935</td><td>\$66,362</td><td>\$51,935</td><td>\$66,362</td><td></td></t<>	SCG-5			Transmission Integrity Management Program (TIMP)	\$45,802	\$41,124 \$43,4	\$4	\$66,90	0 \$41,074	\$47,693	\$47,209	\$107,222	\$191,219	\$43,437	\$55,503	\$43,437	\$55,503	\$43,437	<u>\$</u> 55,503	\$51,935	\$66,362	\$51,935	\$66,362	\$51,935	\$66,362	
High Pressure Gas Pipeline Incident (Excluding Dig-in) Gas Control supervisory control and data acquisition (SCADA) $52,637$ $52,657$ $52,574$ $52,575$ $52,574$			ng																							
SCG-5 Operation SCG-5.0 Operation SCG-5.0 Operation SCG-5.0 SC-5.0	SCG-5				\$0	\$0	\$0	\$0 \$	0 \$2,223	\$6,220	\$4,873	\$13,276	\$15,643	\$0	\$0	\$0	\$0	\$0	\$0	\$19,805	\$25,306	\$23,166	\$29,601	\$27,033	\$34,542	4
$\frac{\text{High Pressure Gas Pipeline Incident (Excluding Dig-in)}}{\text{SCG-5-09}} \left \begin{array}{c} \text{Right of Way} \\ \text{Right of Way} \\ \text{SCG-5-09 \\ \text{Infigh Pressure Gas Pipeline Incident (Excluding Dig-in)} \\ SCG-5-09 \\ \text{Infigh Pressure Gas Pipeline Incident (Excluding Dig-in) \\ \text{SCG-5-09 \\ \text{Infigh Pressure Gas Pipeline Incident (Excluding Dig-in) \\ \text{SCG-5-09 \\ \text{Infigh Pressure Gas Pipeline Incident (Excluding Dig-in) \\ \text{SCG-5-09 \\ \text{Infigh Pressure Gas Pipeline Incident (Excluding Dig-in) \\ \text{SCG-5-09 \\ \text{Infigh Pressure Gas Pipeline Incident (Excluding Dig-in) \\ \text{SCG-5-09 \\ \text{Infigh Pressure Gas Pipeline Incident (Excluding Dig-in) \\ \text{SCG-5-09 \\ \text{Infigh Pressure Gas Pipeline Incident (Excluding Dig-in) \\ \text{SCG-5-09 \\ \text{Infigh Pressure Gas Pipeline Incident (Excluding Dig-in) \\ \text{SCG-5-09 \\ \text{Infigh Pressure Gas Pipeline Incident (Excluding Dig-in) \\ \text{SCG-5-09 \\ \text{Infigh Pressure Gas Pipeline Incident (Excluding Dig-in) \\ \text{SCG-5-09 \\ \text{Infigh Pressure Gas Pipeline Incident (Excluding Dig-in) \\ \text{SCG-5-09 \\ \text{Infigh Pressure Gas Pipeline Incident (Excluding Dig-in) \\ \text{SCG-5-09 \\ \text{Infigh Pressure Gas Pipeline Incident (Excluding Dig-in) \\ \text{SCG-5-09 \\ \text{Infigh Pressure Gas Pipeline Incident (Excluding Dig-in) \\ \text{SCG-5-09 \\ \text{Infigh Pressure Gas Pipeline Incident (Excluding Dig-in) \\ \text{SCG-5-09 \\ \text{Infigh Pressure Gas Pipeline Incident (Excluding Dig-in) \\ \text{SCG-5-09 \\ \text{Infigh Pressure Gas Pipeline Incident (Excluding Dig-in) \\ \text{SCG-5-09 \\ \text{Infigh Pressure Gas Pipeline Incident (Excluding Dig-in) \\ \text{SCG-5-09 \\ \text{Infigh Pressure Gas Pipeline Incident (Excluding Dig-in) \\ \text{SCG-5-09 \\ \text{Infigh Pressure Gas Pipeline Incident (Excluding Dig-in) \\ \text{SCG-5-09 \\ \text{Infigh Pressure Gas Pipeline Incident (Excluding Dig-in) \\ \text{SCG-5-09 \\ \text{Infigh Pressure Gas Pipeline Incident (Excluding Dig-in) \\ \text{SCG-5-09 \\ \text{Infigh Pressure Gas Pipeline Incident (Excluding Dig-in) \\ \text{SCG-5-09 \\ \text{Infigh Pressure Gas Pipeline Incident (Excluding Dig-in) \\ \text{SCG-5-09 \\ \text{Infigh Pressure Gas Pipeline Incin) \\ \text{Infigh Pressure Gas $	SCG 5				63.637	¢2 604 -			c		40	**	A.0.	63 5 49	63.345	An	60 or -	63 - 74	60 00C	A	**	40		A-	A-	
SCG-5 Dig-in/ SCG-5-C9 Right of Way \$1,074 \$2,084 \$2,286 \$2,876 \$2,87	300-3				ş2,637	\$2,091 \$2,i	ana ĉ	\$3,26	o \$0	Ş0	Ş0	Ş0	<u></u> \$0	\$2,540	\$3,246	\$2,564	\$3,276	\$2,574	\$3,289	<u></u> \$0	ŞO	Ş0	Ş0	<u></u> \$0	<u></u> \$0	+
High Pressure Gas Pipeline Incident (Excluding Dig-in) SG-5-C10 Pipeline Maintenance \$11,736 \$9,166 \$10,421 \$11,981 \$9,209 \$0	SCG-5			Right of Way	\$1.674	\$2,048 \$2.3	286	\$2,434 \$2.28	8 ŚN	\$0	\$0	\$0	\$0	\$2.512	\$3.210	\$2.658	\$3.396	\$2.803	\$3.582	ŚO	\$0	\$0	ŚO	\$0	\$0	
SCG-5 Digin SCG-5-C10 Pipeline Maintenance \$1,736 \$9,166 \$10,981 \$9,209 \$0 <td></td> <td></td> <td></td> <td><i>v</i> ·····</td> <td>+_,0,1</td> <td>-,</td> <td></td> <td>,</td> <td>. , , , , ,</td> <td><i></i></td> <td>çu</td> <td><i>~~</i></td> <td><i>~~</i></td> <td>7-1012</td> <td>+0,210</td> <td>72,000</td> <td>, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</td> <td><i>\$2,000</i></td> <td><i>40,002</i></td> <td>Ļΰ</td> <td><i>~~</i></td> <td><i>4</i>0</td> <td>ŲŲ</td> <td>ŬÇ.</td> <td>Ű</td> <td>t</td>				<i>v</i> ·····	+_,0,1	-,		,	. , , , , ,	<i></i>	çu	<i>~~</i>	<i>~~</i>	7-1012	+0,210	72,000	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<i>\$2,000</i>	<i>40,002</i>	Ļΰ	<i>~~</i>	<i>4</i> 0	ŲŲ	ŬÇ.	Ű	t
	SCG-5	Dig-in)		Pipeline Maintenance	\$11,736	\$9,166 \$10,	\$1	11,981 \$9,20	9 \$0	\$0	\$0	\$0	\$0	\$9,230	\$11,794	\$9,426	\$12,045	\$9,421	\$12,038	\$0	\$0	<u>\$0</u>	<u>\$</u> 0	\$0	\$0	
SLG-6- L1 [Locate and Mark Training 5121 5121 5143 5143 5143 50 50 50 50 50 5643 5764 5643 5764 5643 5764 50 50 50 50 50 50 50			100 C					A																	l .	
	SCG-6	Pipeline	SCG-6-C1	Locate and Mark Training	\$121	\$121 \$	143	\$143 \$14	3 ŞO	\$0	Ş0	\$0	\$0	\$643	\$764	\$643	\$764	\$643	\$764	Ş0	Ş0	Ş0	\$0	\$0	\$0	

i i	1	1																						
SCG-6	Third Party Dig-in on a Medium Pressure Pipeline	SCG-6-C2	Locate and Mark Activities	\$15.213	\$16.180	0 \$16.620	\$15.865	\$17.060	0 \$0	\$0	\$0	\$0	\$0	\$21,325	\$25,590	\$21,325	\$25,590	\$21,325	\$25,590	\$0	\$0 ¢	50 5	i0 <	0 \$0
	Third Party Dig-in on a Medium Pressure		Locate and Mark Annual Refresher Training and Competency	1 - 7 - 1			1				1.		7-									<u> </u>	- <u>-</u>	
SCG-6	Pipeline Third Party Dig-in on a Medium Pressure	SCG-6-C3	Program	\$100	\$95	5 \$95	\$95	\$95	5 \$0	\$0	\$0	\$0	\$0	\$345	\$520	\$345	\$520	\$345	\$520	\$0 5	<u>,0 \$</u>	0 \$	<u>0 \$</u>) \$0
SCG-6	Pipeline	SCG-6-C4	Locate and Mark Operator Qualification	\$105	\$105	5 \$105	\$105	\$10	5 \$0	\$0	\$0	\$0	\$0	\$116	\$210	\$116	\$210	\$116	\$210	\$0	\$0 \$,0 ș	,0 ;	0 \$0
SCG-6	Third Party Dig-in on a Medium Pressure	SCG-6-C5	Locate and Mark Quality Assurance Program	\$110	\$110	0 \$110	\$110	\$110	0 60	ćo	ćo	ćo	ćo	\$210	\$321	\$210	\$321	\$210	\$321	\$0	<pre>co</pre>	*0 (
500 0	Third Party Dig-in on a Medium Pressure	300 0 03	Electe and wark quality Assurance Hogram		\$110			211	0 - 30	ΟÇ	30		ŞU	Ş210	3 221	\$210	<i>3</i> 321	Ş210	\$321		<u>, y</u>	<u> </u>	<u>, ,</u>	<u>, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,</u>
SCG-6	Pipeline Third Parts Dia in an a Madium Processo	SCG-6-C6	Damage Prevention Analyst Program	\$0	\$0) \$0	\$0	\$48	5 \$0	\$0	\$0	\$0	\$0	\$872	\$1,116	\$872	\$1,116	\$872	\$1,116	\$0 \$	\$ 00	0 \$	0 \$	<u>) \$0</u>
SCG-6	Third Party Dig-in on a Medium Pressure Pipeline	SCG-6-C7	Prevention and Improvements-Refreshed Laptops	\$25	\$5	5 \$8	\$16	\$2	5 \$0	\$0	\$0	\$4,400	\$0	\$382	\$852	\$382	\$852	\$382	\$852 \$	938 \$1,0	79 \$93	\$1,07	79 \$93	8 \$1.079
	Third Party Dig-in on a Medium Pressure						1																	
SCG-6	Pipeline Third Party Dig-in on a Medium Pressure	SCG-6-C8-T1	Public Awareness Compliance - The Affected Public	\$284	\$323	3 \$175	\$328	\$232	2 \$0	\$0	Ş0	\$0	\$0	\$464	\$812	\$464	\$812	\$464	\$812	\$0 5	<u>,0 Ş</u>	<u>0 </u> \$	<u>0 ş</u>	<u>) \$0</u>
SCG-6	Pipeline	SCG-6-C8-T2	Public Awareness Compliance - Emergency Officials	\$23	\$33	3 \$18	\$33	\$2	3 \$0	\$0	\$0	\$0	\$0	\$46	\$81	\$46	\$81	\$46	\$81	\$0	<u>30 \$</u>	,0 <u>\$</u>	0 5	0 \$0
SCG-6	Third Party Dig-in on a Medium Pressure	SCG-6-C8-T3	Public Awareness Compliance - Local Public Officials	\$85	\$97	7 \$53	\$99	\$70	0 \$0	ŚO	ŚO	Śŋ	\$0	\$140	\$245	\$140	\$245	\$140	\$245	\$0	\$0 ¢	<u>د</u>	a (0 \$0
	Third Party Dig-in on a Medium Pressure								0 <i>0</i>	οç	ŲŪ		ψŲ	φ140	<i>Ş</i> 245		Ş245	<u>, 1+0</u>	Ş243	, ,	<u> </u>	<u>, ,</u>		<u>, , , , , , , , , , , , , , , , , , , </u>
SCG-6	Pipeline Third Party Dig-in on a Medium Pressure	SCG-6-C8-T4	Public Awareness Compliance - Excavators	\$171	\$194	4 \$105	\$197	\$140	0 \$0	\$0	\$0	\$0	\$0	\$280	\$490	\$280	\$490	\$280	\$490	\$0	<u>,0 \$</u>	.0 \$	0 \$	<u>) \$0</u>
SCG-6	Pipeline	SCG-6-C9	Increase Reporting of Unsafe Excavation	\$110	\$110	0 \$110	\$110	\$110	0 \$0	\$0	\$0	\$0	\$0	\$110	\$128	\$110	\$128	\$110	\$128	\$0	\$0 \$;0 \$	i0 5	0 \$0
	Third Party Dig-in on a Medium Pressure Pipeline	SCG-6-C10	Public Awareness - Secure Greater Enforcement through Legislation								4.5				4		4		4.5					
SCG-6	Third Party Dig-in on a Medium Pressure	SCG-6-C10	and California State Digging Board Public Awareness - Meet with the Cities with the Highest Damage	ŞU	<u>Ş0</u>	<u>, şu</u>	<u>\$0</u>	<u>Ş</u>	1 \$0	Ş0	ŞU	ŞU	ŞÜ	\$1	\$27	\$1	\$27	\$1	\$27	\$0 \$	<u>,0 Ş</u> i	0 \$	<u>J Ş</u>	<u> </u>
SCG-6	Pipeline	SCG-6-C11	Rates	\$0	\$0	0 \$0	\$0	\$	3 \$0	\$0	\$0	\$0	\$0	\$149	\$294	\$149	\$294	\$149	\$294	\$0 \$	\$ 0ز	,0 \$.0 ¢	0 \$0
SCG-6	Third Party Dig-in on a Medium Pressure Pipeline	SCG-6-C12	Public Awareness - Remain Active Members of the California Regional Common Ground Alliance	\$22	\$22	2 \$22	\$22	\$23	2 ćn	ŚŊ	¢n	Śņ	¢Ω	\$22	\$88	\$22	\$88	\$22	\$88	\$0	\$0 ¢	50 4	i0 (0 \$0
500 0	Third Party Dig-in on a Medium Pressure	1		ΨZZ	722				2 90	ΟÇ	ŲŲ		ŲŲ	ΨZZ	çõõ	ΨZZ	çõõ	722	çõõ	ço ,	<u> </u>	<u> </u>	<u>, ,</u>	<u>, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,</u>
SCG-6	Pipeline Third Party Dig-in on a Medium Pressure	SCG-6-C13	Continue to Participate in the Gold Shovel Standard Program	\$0	\$0	0 \$2	\$2	\$	2 \$0	\$0	\$0	\$0	\$0	\$2	\$3	\$2	\$3	\$2	\$3	\$0	,0 \$	0 \$	0 \$	<u>)</u> \$0
SCG-6	Pipeline	SCG-6-C14	Locating Equipment	\$18	\$24	4 \$24	\$24	\$40	0 \$0	\$0	\$0	\$0	\$0	\$44	\$470	\$44	\$470	\$44	\$470	\$0	\$0 \$.0 .¢	,0 .	0 \$0
	Third Party Dig-in on a Medium Pressure							\$740						A		A. a	A	**	A	\$0 5	-			
SCG-6	Pipeline Third Party Dig-in on a Medium Pressure	SCG-6-C15	Remain Active Members of the California 811 One-Call Centers	\$577	\$507	7 \$640	\$678	\$740	0 \$0	Ş0	Ş0	\$0	Ş0	\$1,325	\$1,710	\$1,325	\$1,710	\$1,325	\$1,710	\$0 S	<u>,0 Ş</u> i	<u>0 ş</u>	<u>) ş</u>	<u> </u>
SCG-6	Pipeline	SCG-6-M1	Automate Third Party Excavation Incident Reporting	\$0	\$0) \$0	\$0	\$	0 \$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0 \$1,	\$3,00	00 \$1,00	\$3,00	\$1,00	0 \$3,000
SCG-6	Third Party Dig-in on a Medium Pressure Pipeline	SCG-6-M2	Establish a Program to Address the Area of Continual Excavation	ŚO	\$0	0 \$0	ŚO		0 \$0	ŚO	ŚO	Śŋ	\$0	\$12	\$30	\$12	\$30	\$12	\$30	\$0	\$0 ¢	<u>د</u>	a (0 \$0
	Third Party Dig-in on a Medium Pressure		Recording Photographs for Each Locate & Mark Ticket Visited by	0ڊ			لې د		رچ <u>ک</u>	οç	ŲÇ	υç	υç	عدب										· · · · · · · · · · · · · · · · · · ·
SCG-6	Pipeline Third Party Dig-in on a Medium Pressure	SCG-6-M3	Locator	\$0	\$0) \$O	\$0	\$ ^r	0 \$0	\$0	\$0	\$0	\$0	\$1,125	\$2,250	\$1,125	\$2,250	\$1,125	\$2,250	\$0 5	<u>,0 \$</u>	0 \$	0 \$	<u>) \$0</u>
SCG-6	Pipeline	SCG-6-M4	Utilize Electronic Positive Response	\$0	\$0	J \$0	\$0	\$	0 \$0	\$0	\$0	\$0	\$0	\$100	\$250	\$100	\$250	\$100	\$250	\$0	\$0 \$;0 ¢	,0 Ś	0 \$0
	Third Party Dig-in on a Medium Pressure		Enhance process to leverage excavation technology to help with																					
SCG-6	Pipeline Third Party Dig-in on a Medium Pressure	SCG-6-M5	difficult locates (vacuum excavation technology) Promote Process and System Improvements in USA Ticket Routing	Ş0	<u>\$0</u>	<u>, </u> \$0	<u>\$0</u>	<u>ş</u> ı	0 \$0	\$0	Ş0	\$0	\$0	\$2,000	\$3,000	\$2,000	\$3,000	\$2,000	\$3,000	\$0 5	<u>,0 Ş</u>	<u>0 </u> \$	<u>0 ş</u>	<u>) \$0</u>
SCG-6	Pipeline	SCG-6-M6	and Monitoring	\$0	\$0) \$0	\$0	\$	0 \$0	\$0	\$0	\$0	\$0	\$338	\$432	\$338	\$432	\$338	\$432	\$0	<u>30 \$</u>	,0 <u>\$</u>	0 5	0 \$0
SCG-6	Third Party Dig-in on a Medium Pressure Pipeline	SCG-6-M7	Leverage Data Gathered by Locating Equipment	ŚO	\$0	0 \$0	ŚO		0 \$0	ŚO	ŚO	\$0	\$0	\$169	\$216	\$169	\$216	\$169	\$216	\$0 S	\$0 ¢	<u>د</u>	a (0 \$0
300-0	Third Party Dig-in on a Medium Pressure	300-0-1017					<u>,,</u>		0 - 30	ŞU	ŞU		ŞŪ	\$105	Ş210	3103	Ş210	\$109	\$210	, UÇ	<u>, </u>	<u> </u>	<u>, ,</u>	<u>, , , , , , , , , , , , , , , , , , , </u>
SCG-6 SCG-7	Pipeline	SCG-6-M8 SCG-7-C1	Install warning mesh above buried company facilities Locate and Mark Training	\$0 \$16	0 \$0 \$16	\$0 \$0 6 \$20	\$0 \$20	0 \$0 \$20	0 \$0 0 \$0	0 \$0 \$0	\$0 \$0	0 \$0 \$0	\$0 \$0	\$51 \$77	\$64 \$92	\$51 \$77	\$64 \$92	\$51 \$77	\$64 \$92	\$0 \$0	\$0 \$1 \$0 \$1	0 \$	50 \$ 50 \$	0 \$0 0 \$0
SCG-7	Third Party Dig-in on a High Pressure Pipeline Third Party Dig-in on a High Pressure Pipeline	SCG-7-C1 SCG-7-C2		\$2,075			\$3,966							\$2,920	\$92	\$2,920	\$92 \$3,489	\$2,920			\$0 \$1 \$0 \$1	, c	50 \$ 50 \$	
			Locate and Mark Annual Refresher Training and Competency				1 .																	
SCG-7 SCG-7	Third Party Dig-in on a High Pressure Pipeline Third Party Dig-in on a High Pressure Pipeline	SCG-7-C3 SCG-7-C4	Program Locate and Mark Operator Qualification	\$14 \$13	\$13 \$13	3 \$13 3 \$13	\$13 \$13		3 \$0 3 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$41 \$14	\$62 \$16	\$41 \$14	\$62 \$16	\$41 \$14	\$62 \$16	\$0 50	\$0 \$1 \$0 \$1	0 \$ 50 {	50 \$ 50 \$	0 \$0 0 \$0
SCG-7	Third Party Dig-in on a High Pressure Pipeline	SCG-7-C5	Locate and Mark Quality Assurance Program	\$15	\$15	5 \$15	\$15	\$1	5 \$0	\$0	\$0	\$0	\$0	\$25	\$39	\$25	\$39	\$25	\$39	\$0	\$0 \$	\$0 \$	\$0 \$	0 \$0
SCG-7 SCG-7	Third Party Dig-in on a High Pressure Pipeline Third Party Dig-in on a High Pressure Pipeline	SCG-7-C6 SCG-7-C7	Damage Prevention Analyst Program Prevention and Improvements-Refreshed Laptops	\$0 \$3									\$0 \$0	\$110 \$46	\$142 \$102	\$110 \$46	\$142 \$102	\$110 \$46		\$0 \$1 113 \$12	\$0 \$ 29 \$11		\$0 \$ 29 \$11	
SCG-7	Third Party Dig-in on a High Pressure Pipeline	SCG-7-C8-T1	Public Awareness Compliance - The Affected Public	\$39	\$44	4 \$24	\$45	\$32	2 \$0	\$0	\$0	\$0	\$0	\$56	\$97	\$56	\$97	\$56	\$97	\$0	\$0 \$	\$0 \$	\$0 \$	0 \$0
SCG-7 SCG-7	Third Party Dig-in on a High Pressure Pipeline Third Party Dig-in on a High Pressure Pipeline	SCG-7-C8-T2 SCG-7-C8-T3	Public Awareness Compliance - Emergency Officials Public Awareness Compliance - Local Public Officials	\$3 \$13					3 \$0 9 \$0			\$0 \$0	\$0 \$0	\$6 \$17	\$10 \$29	\$6 \$17	\$10 \$29	\$6 \$17			\$0 \$1 \$0 \$1		\$0 \$	÷
SCG-7	Third Party Dig-in on a High Pressure Pipeline	SCG-7-C8-T4	Public Awareness Compliance - Excavators	\$23							+-	ΨŪ	ŲÇ	\$34	\$59	\$34	\$59	\$34			\$0 \$,o ,	50 \$	
SCG-7	Third Party Dig-in on a High Pressure Pipeline	SCG-7-C9	Increase Reporting of Unsafe Excavation	\$15	\$15	5 \$15	\$15	\$1	5 \$0	\$0	\$0	\$0	\$0	\$15	\$17	\$15	\$17	\$15	\$17	\$0 \$	\$0 \$	0 \$	\$0 \$	0 \$0
SCG-7	Third Party Dig-in on a High Pressure Pipeline	SCG-7-C10	Public Awareness - Secure Greater Enforcement through Legislation and California State Digging Board	\$0	\$0	J \$0	\$0	\$	1 \$0	\$0	\$0	\$0	\$0	\$1	\$3	\$1	\$3	\$1	\$3	\$0 5	\$0 \$	50 S	.o .e	0 \$0
			Public Awareness - Meet with the Cities with the Highest Damage			+ +	1																	
SCG-7	Third Party Dig-in on a High Pressure Pipeline	SCG-7-C11	Rates Public Awareness - Remain Active Members of the California	\$0	\$0	0 \$0	\$0	<u>\$</u>	3 \$0	\$0	\$0	\$0	\$0	\$3	\$12	\$3	\$12	\$3	\$12	\$0 \$	<u>ې</u> 0،	0 \$	0 \$	<u>) \$0</u>
SCG-7	Third Party Dig-in on a High Pressure Pipeline		Regional Common Ground Alliance	\$2	\$2	2 \$2	\$2	\$	2 \$0	\$0	\$0	\$0	\$0	\$3	\$12	\$3	\$12	\$3	\$12	\$0	\$ 0ز	,0 \$	0 \$	o \$0
SCG-7 SCG-7	Third Party Dig-in on a High Pressure Pipeline Third Party Dig-in on a High Pressure Pipeline	SCG-7-C13 SCG-7-C14	Continue to Participate in the Gold Shovel Standard Program Locating Equipment	62	67	\$1 3 \$3			1 \$0 5 \$0					\$1 \$5	\$2 \$56	\$1 \$5	\$2 \$56	\$1 \$5	\$2 \$56	Ç0	\$0 \$1 \$0 \$1	T T	\$0 \$ \$0 \$	0 \$0 0 \$0
SCG-7	Third Party Dig-in on a High Pressure Pipeline Third Party Dig-in on a High Pressure Pipeline	SCG-7-C15	Remain Active Members of the 811 California One-Call Centers	\$2 \$79	\$3									\$5 \$159	\$205	\$159	\$205	\$5 \$159	\$205		\$0 \$1 \$0 \$1		50 \$ 50 \$	
SCG-7 SCG-7	Third Party Dig-in on a High Pressure Pipeline	SCG-7-C16	Install warning mesh above buried company facilities	\$0 \$0	\$0	- <i>+</i> -		\$5:	1 \$0 0 \$0		\$0 \$0	\$0		\$51	\$64	\$51 \$0	\$64	\$51			\$0 \$		\$ 0 \$	
SCG-7 SCG-7	Third Party Dig-in on a High Pressure Pipeline Third Party Dig-in on a High Pressure Pipeline	SCG-7-C17 SCG-7-M1	Prevention and Improvements-Fiber Optics Automate Third Party Excavation Incident Reporting	\$0 \$0	\$0 \$0	0 \$0 0 \$0		\$(0 \$0 0 \$0	÷÷.	\$0 \$0	\$0	\$6,000 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0		000 \$7,50 120 \$36				
																1-		1.1						
SCG-7	Third Party Dig-in on a High Pressure Pipeline	SCG-7-M2	Establish A Program To Address The Area Of Continual Excavation Recording Photographs For Each Locate & Mark Ticket Visited By	\$0	\$0	0 \$0	\$0	\$r	0 \$0	\$0	\$0	\$0	\$0	\$100	\$250	\$100	\$250	\$100	\$250	\$0 \$	<u>,0 \$</u>	<u>0 \$</u>	<u>)</u> \$	<u>\$0</u>
SCG-7	Third Party Dig-in on a High Pressure Pipeline	SCG-7-M3	Locator	\$0	\$0) \$0	\$0	\$	0 \$0	\$0	\$0	\$0	\$0	\$135	\$270	\$135	\$270	\$135	\$270	\$0	\$ 0ز	,0 \$	0 \$	o \$0
SCG-7	Third Party Dig-in on a High Pressure Pipeline	SCG-7-M4	Utilize Electronic Positive Response	\$0	\$0	0 \$0	\$0	<u>\$</u>	0 \$0	\$0	\$0	\$0	\$0	\$12	\$30	\$12	\$30	\$12	\$30	\$0 5	\$0 \$	<u>.0 \$</u>	\$0 \$	0 \$0
SCG-7	Third Party Dig-in on a High Pressure Pipeline	SCG-7-M5	Enhance process to leverage excavation technology to help with difficult locates (vacuum excavation technology)	\$0	\$0	0 \$0	\$0	\$	0 \$0	\$0	\$0	\$0	\$0	\$250	\$400	\$250	\$400	\$250	\$400	\$0	\$0 \$.0 .¢	,0 .	0 \$0
			Promote Process and System Improvements in USA Ticket Routing				i													40	**			40
SCG-7 SCG-7	Third Party Dig-in on a High Pressure Pipeline Third Party Dig-in on a High Pressure Pipeline	SCG-7-M6 SCG-7-M7	and Monitoring Leverage Data Gathered by Locating Equipment	\$0 \$0	\$0 \$0	0 \$0 0 \$0	\$0 \$0	\$1 ¢	0 \$0 0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$41 \$20	\$52 \$26	\$41 \$20	\$52 \$26	\$41 \$20	\$52 \$26	\$0 \$	\$0 \$1 \$0 \$1	¢ \$	50 \$ 50 \$	0 \$0 0 \$0
SCG-8	Storage Well Integrity Event	SCG-8-C1	Well Construction Requirements and Dual Barrier System	\$0	\$0	0 \$0	\$0) \$(0 \$0	\$0	\$35,928	\$59,840	\$62,361	\$0	\$0	\$0	\$0	\$0	\$0 \$60,	\$87,10	00 \$51,30	00 \$74,10	0 \$43,87	\$ \$63,375
SCG-8 SCG-8	Storage Well Integrity Event Storage Well Integrity Event	SCG-8-C2 SCG-8-C3	Well Abandonments Pressure Monitoring and Alarming	\$0 \$0	\$0 \$0	0 \$0 0 \$228		\$489	0 \$0 9 \$0		\$3,972 \$0		\$22,166 \$0	\$0 \$450	\$0 \$650	\$0 \$100	\$0 \$250	\$0 \$450		325 \$18,52 \$0	25 \$4,05 \$0 \$		50 \$4,05	
SCG-8	Storage Well Integrity Event	SCG-8-C4	Wellhead Leak Detection and Repair	\$0 \$0	\$0	0 \$1,532	\$2,767	\$2,982	2 \$0	\$0	\$0	\$0	\$0	\$2,250	\$3,250	\$135	\$270	\$2,250	\$3,250	\$0	\$0 \$	\$0 \$	\$0 \$	0 \$0
SCG-8 SCG-8	Storage Well Integrity Event	SCG-8-C5 SCG-8-C6	Integrity Management for Gas Storage Operations	\$0 \$0		0 \$4,057								\$4,950 \$7,420	\$7,150 \$10,717	\$12	\$30 \$400	\$4,950 \$7,096		350 \$1,95	50 \$1,35 \$0 \$		50 \$1,35 50 \$	
	Storage Well Integrity Event Cybersecurity	SCG-8-C6 SCG-9-C1	Integrity Demonstration, Verification, and Monitoring Practices Perimeter Defenses	\$0 \$109	\$0 9 \$488	0 \$5,725 88 \$495		\$3,79 8 \$6			\$0 \$0	\$0 0 \$0		\$7,420 \$160	\$10,717 \$210	\$250 \$41	\$400 \$52	\$7,096 \$160		\$0 5 \$0	\$0\$	T T	\$0 \$6,10	00 \$7,800 Capital forecast is combined 3-year total
SDG&E-10/SCG-9	Cybersecurity	SCG-9-C2	Internal Defenses	\$327		63 \$1,486	\$1,675	5 \$180	0 \$0	\$0	Ŧ Ŧ	0 \$0	\$17,000	\$500	\$630	\$20	\$26	\$500	\$630	7 -	\$0		\$0 \$36,0	00 \$47,000 Capital forecast is combined 3-year total
	Cybersecurity Cybersecurity	SCG-9-C3 SCG-9-C4	Sensitive Data Protection Operational Technology (OT) Cybersecurity	\$327 \$272		53 \$1,486 19 \$1,238			0 \$2,456		\$0 \$5,709	φų.		\$500 \$410	\$630 \$520	\$500 \$410	\$630 \$520	\$500 \$410		\$0 \$0	\$0 \$0	÷.	\$0 \$5,70 \$0 \$17,00	
	1		Obsolete Information Technology (IT) Infrastructure and Application	,						,				,				÷ .20			· · · · · ·		+ • + =.,	
SDG&E-10/SCG-9					\$244	44 \$248	\$279	9 63	1 \$() ŚO	\$0	1 \$0	\$3,300	\$82	\$110	\$82	\$110	\$82	\$110	\$0	\$0	S0	\$0 \$7,40	00 \$9,500 Capital forecast is combined 3-year total
	Cybersecurity	SCG-9-C5	Replacement	\$54	1 \$24	+4 - 2246	<i>.</i> ,27.	- <u>-</u>	1 0	çe çe	ψŪ		+=,===	7	+			1			<u> </u>		71 71	55,500 Capital forecast is combined 5-year total
SDG&E-10/SCG-9	Cybersecurity	SCG-9-C5		\$54	\$24	44 <u>324</u> 6	<i>921</i> .		1	, ço	Ű				+						<u> </u>			

[1] The figures provided are direct charges and do not include company loaders, with the exception of vacation and sick time. The costs are also in 2018 dollars and have not been escalated to 2019 amounts.

[2] Internal labor (e.g., employee time spent to complete training courses, employee time spent to perform inspections) is not captured here.

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

[4] SoCalGas does not currently track all O&M costs at the RAMP activity level and was unable to impute O&M historical costs for all activities.