

**PACIFIC GAS AND ELECTRIC COMPANY  
Gas Distribution Expenditures Audit  
Data Response**

PG&E Data Request No.:	OC_024-884		
PG&E File Name:	GasDistributionExpendituresAudit_DR_OverlandConsulting_024-Q884		
Request Date:	November 16, 2012	Requester DR No.:	024
Date Sent:	December 11, 2012	Requesting Party:	Overland Consulting, Inc.
PG&E Witness:		Requester:	Gary Harpster

**QUESTION 884**

Please provide a schedule showing the number of gas distribution leak re-checks conducted by PG&E by year, type of survey (special or routine), grade and type (mains or services) for 2003 to 2010 (Re-checks of known leaks that do not require immediate repair).

**ANSWER 884**

PG&E tracks the gas leak and repair data in the Integrated Gas Information System (IGIS), a dynamic electronic database. In the table below, PG&E has extracted data from IGIS to provide the number of gas distribution leak re-checks. For each year from 2003 to 2010, the table below includes grades assigned before and after rechecks. Leaks could have been rechecked on multiple outings, depending on the grade, and the table accounts for each recheck. The IGIS system does not capture whether leaks are on distribution mains or services or transmission pipe until a repair has been made. Therefore, an Unknown category is included in the table for rechecks on mains, services and transmission pipe that have not been repaired yet, or may have had further recheck(s) prior to final repair. Transmission leaks represent a very small percentage of all leaks, hence, there are a very small amount of transmission rechecks in the Unknown category. It is not possible to query the IGIS system for whether the survey type was special or routine recheck.

Type	Previous Grade	Recheck Grade	2003	2004	2005	2006	2007	2008	2009	2010	Total
Main	2+	1	32	19	26	27	25	66	69	50	314
		2+	66	50	67	73	91	160	311	102	920
		2	30	27	37	26	18	64	145	138	485
		3	6	3	3	6	9	14	25	21	87
		0	9	8	11	14	16	114	181	113	466
	<b>2+ Total</b>		<b>143</b>	<b>107</b>	<b>144</b>	<b>146</b>	<b>159</b>	<b>418</b>	<b>731</b>	<b>424</b>	<b>2,272</b>
	2	1	43	23	19	23	14	28	58	50	258
		2+	35	26	28	42	56	81	221	236	725
		2	561	601	485	417	378	472	910	1,246	5,070
		3	50	64	46	26	33	31	66	68	384
		0	40	55	16	2	17	58	105	134	427
	<b>2 Total</b>		<b>729</b>	<b>769</b>	<b>594</b>	<b>510</b>	<b>498</b>	<b>670</b>	<b>1,360</b>	<b>1,734</b>	<b>6,864</b>
	3	1	8	6	9	10	11	32	89	31	196
		2+	19	20	25	27	29	76	203	84	483
		2	67	76	75	51	79	121	319	217	1,005
		3	165	247	221	265	249	212	233	92	1,684
		0		12	6	3	3	22	28	22	96
	<b>3 Total</b>		<b>259</b>	<b>361</b>	<b>336</b>	<b>356</b>	<b>371</b>	<b>463</b>	<b>872</b>	<b>446</b>	<b>3,464</b>
	<b>0</b>	0	1	6	1		2	27	37	40	114
	<b>0 Total</b>		<b>1</b>	<b>6</b>	<b>1</b>		<b>2</b>	<b>27</b>	<b>37</b>	<b>40</b>	<b>114</b>
<b>Main Total</b>		<b>1,132</b>	<b>1,243</b>	<b>1,075</b>	<b>1,012</b>	<b>1,030</b>	<b>1,578</b>	<b>3,000</b>	<b>2,644</b>	<b>12,714</b>	
Service	2+	1	38	51	79	87	77	562	431	192	1,517
		2+	145	175	182	205	215	1,349	3,317	592	6,180
		2	75	51	37	49	42	95	208	210	767
		3	8	8	8	7	10	16	39	96	192
		0	13	22	17	21	48	318	478	270	1,187
	<b>2+ Total</b>		<b>279</b>	<b>307</b>	<b>323</b>	<b>369</b>	<b>392</b>	<b>2,340</b>	<b>4,473</b>	<b>1,360</b>	<b>9,843</b>
	2	1	97	68	51	57	58	246	228	168	973
		2+	84	77	82	100	86	281	673	1,071	2,454
		2	951	824	790	742	780	1,426	2,088	6,886	14,487
		3	72	122	80	67	53	63	75	2,292	2,824
		0	25	94	31	13	29	177	279	249	897
	<b>2 Total</b>		<b>1,229</b>	<b>1,185</b>	<b>1,034</b>	<b>979</b>	<b>1,006</b>	<b>2,193</b>	<b>3,343</b>	<b>10,666</b>	<b>21,635</b>
	3	1	19	21	24	24	30	98	243	99	558
		2+	29	42	33	48	61	158	477	246	1,094
		2	122	118	87	99	222	273	464	339	1,724
		3	214	236	374	340	447	381	320	269	2,581
		0		6	11	11	8	26	37	29	128
	<b>3 Total</b>		<b>384</b>	<b>423</b>	<b>529</b>	<b>522</b>	<b>768</b>	<b>936</b>	<b>1,541</b>	<b>982</b>	<b>6,085</b>
	<b>0</b>	0	3	10	4		4	98	79	115	313
	<b>0 Total</b>		<b>3</b>	<b>10</b>	<b>4</b>		<b>4</b>	<b>98</b>	<b>79</b>	<b>115</b>	<b>313</b>
<b>Service Total</b>		<b>1,895</b>	<b>1,925</b>	<b>1,890</b>	<b>1,870</b>	<b>2,170</b>	<b>5,567</b>	<b>9,436</b>	<b>13,123</b>	<b>37,876</b>	

Type	Previous Grade	Recheck Grade	2003	2004	2005	2006	2007	2008	2009	2010	Total
Unknown	2+	1						1	2	1	4
		2+	7	8	2	7	8	27	35	24	118
		2	30	33	23	40	23	72	201	264	686
		3	21	17	15	17	24	54	157	293	598
		0	98	78	80	84	73	420	1,131	889	2,853
<b>2+ Total</b>			<b>156</b>	<b>136</b>	<b>120</b>	<b>148</b>	<b>128</b>	<b>574</b>	<b>1,526</b>	<b>1,471</b>	<b>4,259</b>
2		1	8	5	3	3	2	5	11	12	49
		2+	8	10	10	9	7	23	90	112	269
		2	398	464	364	343	301	439	1,229	3,210	6,748
		3	354	297	282	158	163	231	541	10,719	12,745
		0	664	680	556	489	426	874	2,503	7,704	13,896
<b>2 Total</b>			<b>1,432</b>	<b>1,456</b>	<b>1,215</b>	<b>1,002</b>	<b>899</b>	<b>1,572</b>	<b>4,374</b>	<b>21,757</b>	<b>33,707</b>
3		1	4		3	2	1	6	18	15	49
		2+	19	9	5	9	10	30	106	56	244
		2	137	124	138	103	122	267	581	383	1,855
		3	1,809	1,831	2,223	1,767	2,230	2,582	2,720	2,167	17,329
		0	2,926	2,423	2,801	1,931	2,342	2,447	3,423	2,614	20,907
<b>3 Total</b>			<b>4,895</b>	<b>4,387</b>	<b>5,170</b>	<b>3,812</b>	<b>4,705</b>	<b>5,332</b>	<b>6,848</b>	<b>5,235</b>	<b>40,384</b>
0	0	21	32	22	20	205	1,169	2,319	3,990	7,778	
<b>0 Total</b>			<b>21</b>	<b>32</b>	<b>22</b>	<b>20</b>	<b>205</b>	<b>1,169</b>	<b>2,319</b>	<b>3,990</b>	<b>7,778</b>
<b>Unknown Total</b>			<b>6,504</b>	<b>6,011</b>	<b>6,527</b>	<b>4,982</b>	<b>5,937</b>	<b>8,647</b>	<b>15,067</b>	<b>32,453</b>	<b>86,128</b>
<b>Total</b>			<b>9,531</b>	<b>9,179</b>	<b>9,492</b>	<b>7,864</b>	<b>9,137</b>	<b>15,792</b>	<b>27,503</b>	<b>48,220</b>	<b>136,718</b>