

**ORA DATA REQUEST  
 ORA-SCG-050-DAO  
 SOCALGAS 2019 GRC – A.17-10-008  
 SOCALGAS RESPONSE  
 DATE RECEIVED: DECEMBER 13, 2017  
 DATE RESPONDED: JANUARY 12, 2018**

**Exhibit Reference:** SCG-04

**SCG Witness:** Gina Orozco-Mejia

**Subject:** Field Operations and Maintenance, Field Support and Tools Fittings & Materials

**Please provide the following:**

1. Referring to SCG’s testimony, page GOM-64, lines 13-23, please provide the following information:

- a. A copy of all calculations and supporting documents SCG used to determine the statement on lines 15-16, “there has been an increase in customer and municipality requests for SoCalGas to remove previously-abandoned mains...”
- b. Provide the number of customer and municipality requests and expenses incurred to remove previously-abandoned mains each year from 2012-2017YTD; and
- c. Provide the number of requests to remove abandoned pipe made after the capital main abandonment project is completed as discussed on lines 19-23, and expenses incurred for each year from 2012-2017YTD.

**SoCalGas Response 1:**

- a. SoCalGas did not develop specific calculations for the removal of previously abandoned pipe activity. The statement provided in testimony was an overview of the type of activities included in the Field Support work category and the general observations made by SoCalGas’ subject matter experts on cost drivers impacting Field Support.
- b. SoCalGas does not track the data to the level of detail requested. This is considered a miscellaneous project and it is tracked under the “Other Main Maintenance” cost category. Please see the expenses related to these “main maintenance routine” activities from 2013-2017-YTD (November 30<sup>th</sup>). 2012 expenses are not available due to a change in SoCalGas’ financial tracking system.

Main Maintenance Routine Expenses				
2013	2014	2015	2016	2017
\$ 63,678	\$ 159,523	\$ 271,994	\$ 500,477	\$ 449,880

- c. As discussed in the response to Question 1.b above, SoCalGas does not track the data to the level of detail requested. This is considered a miscellaneous project and it is tracked under the “Other Main Maintenance” cost category. The statement provided in testimony was an overview of the type of activities included in the Field Support work category and the

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general observations made by SoCalGas' subject matter experts on cost drivers impacting Field Support.

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2. Referring to SCG’s testimony on page GOM-65, lines 19-21, please provide the following:
- a. A copy of all calculations and supporting documents used to determine the six incremental heavy duty trucks proposed for 2017; and
  - b. The number of heavy-duty trucks assigned/allocated specifically to Field Support activities for each year from 2012-2017 YTD.

**SoCalGas Response 2:**

a. SoCalGas determined the incremental crew trucks in 2017 based on the historical straight time FTEs from 2012 – 2016 under the Field Support workbook and the forecasted amount of FTEs (2017 – 2019) from the base forecast methodology chosen. The percentage of straight time under the field support workbook was multiplied by the forecasted FTEs to determine a headcount. The headcount increase for each year was used to determine the number of vehicles needed utilizing a two-headcount per vehicle ratio for heavy-duty vehicles. Based on this methodology, SoCalGas forecasted 12 incremental heads in 2017. Applying the headcount to vehicle ratio provided the forecast for the number of vehicles needed as mentioned in GOM-65, lines 19-21: “SoCalGas is adding six incremental heavy-duty trucks in 2017.”

b. Heavy-duty trucks are not specifically assigned to field support work activities. Heavy-duty trucks are assigned to each facility based on the number of employees and work function per base location. Please see the number of heavy-duty trucks below assigned to Gas Distribution from 2012 – 2017 YTD (November 30<sup>th</sup>):

<b>Heavy-Duty Trucks (2012 – 2017 YTD)</b>						
	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
<b>Vehicles</b>	206	227	276	264	262	280

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3. Referring to SCG’s testimony page GOM-66, lines 17-20, please provide:

- a. A copy of all calculations and supporting documents used to determine the additional three Field Supervisors in 2017, three for 2018, and three for TY 2019 and the \$945,000 increase in the forecast; and
- b. The number of Field Supervisors and corresponded expenses recorded at year end for each year from 2012-2016, and 2017YTD.

**SoCalGas Response 3:**

- a. SoCalGas determined the number of incremental field supervisors in 2017, 2018, and 2019 based on the forecasted amount of FTEs in TY 2019. SoCalGas took the difference between the test year and the base year to determine the total forecasted increase in FTEs which resulted in approximately 102 FTEs. SoCalGas then applied an employee to supervisor ratio of 11 to 1 to determine the incremental number of supervisors needed. This resulted in nine additional supervisors needed for support of O&M field activities. SoCalGas then assumed these field supervisors would be added at a rate of three per year in 2017, 2018, and 2019 to provide support to the forecasted growth of field employees. Please see workpapers SCG-04-WP\_GDIST pages 84-87 for additional details. Please note the explanation in the workpapers regarding TY 2019 cost calculation is for 1 FTE, when applied to the forecast of 9 FTEs the forecasted dollar amount is correct.
- b. Please see the table below with the number of field supervisors and corresponding O&M expenses recorded at the end of each year from 2012 – 2016 and 2017 YTD (November 30<sup>th</sup>):

<b>Field Supervisors (2012 - 2017 YTD)</b>						
	2012	2013	2014	2015	2016	2017
<b>Field Supervisors</b>	105	93	100	107	117	101
<b>Expenses</b>	\$9,854,114	\$8,975,817	\$9,925,959	\$10,923,350	\$12,285,000	\$10,605,000

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4. Referring to page GOM-70, lines 20-27, please provide a copy of all calculations and supporting documents SCG used to determine the increase of \$500,000 for TY 2019.

**SoCalGas Response 4:**

Please see the table below for the estimate used for the increase of \$500,000 in support of calibrated tools as mentioned in GOM-70, lines 20-27.

<b>2019</b>				
<b>Equipment</b>	<b>Number of Units</b>	<b>Maintenance \$/Unit</b>	<b>Estimated Costs</b>	<b>Rounded Estimate</b>
Odorometers	100	\$200	\$20,000	\$20,000
Crystal Gauges	400	\$25	\$9,960	\$10,000
Leak Detection Calibration & Maintenance (excluding OMDs)	3092	\$23	\$71,425	\$71,000
Infra-Red Guns	600	\$37	\$22,410	\$22,000
Locator Calibration & Maintenance	500	\$35	\$17,325	\$17,000
Gasurveyor 500 Replacements	182	\$2,000	\$363,000	\$360,000
<b>Total</b>	<b>4874</b>	<b>\$103</b>	<b>\$504,120</b>	<b>\$500,000</b>