**A.14-11-003 and A.14-11-004 Sempra Utilities’ 2016 TY GRC**

**TURN Data Request**

**Data Request Number:** TURN-SCG-8 (New Bus. & Meters Forecasts)

**Date Sent:** April 3, 2015

**Response Due:** April 17, 2015

Please provide an electronic response to the following questions. A hard copy response is unnecessary. The response should be provided on a CD sent by mail or as attachments sent by e-mail to the following:

|  |  |  |
| --- | --- | --- |
| Bob FinkelsteinThe Utility Reform Network (TURN)785 Market Street, Suite 1400San Francisco, CA 94103bfinkelstein@turn.org  | Garrick JonesJBS Energy311 D Street, Suite AWest Sacramento, CA 95605garrick@jbsenergy.com  |  |

For each question, please provide the name of each person who materially contributed to the preparation of the response. If different, please also identify the Sempra Utilities witness who would be prepared to respond to cross-examination questions regarding the response.

For any questions requesting numerical recorded data, please provide all responses in working Excel spreadsheet format if so available, with cells and formulae functioning.

For any question requesting documents, please interpret the term broadly to include any and all hard copy or electronic documents or records in the possession of either of the Sempra Utilities.

**Capital Spending (New Business, Meters, and Regulators)**

1. Regarding new meter set costs, shown on SCG-FBA-CAP-SUP-001 (SCG-CWP-04, p. 13):
	1. Please provide data for 2009-2010 and 2014 similar to that shown for 2011-2013. If only part of 2014 data are available provide to the latest available month.
	2. Please explain in detail why the cost of new meter sets increased from $626 per meter in 2009 dollars in the 2012 forecast (as shown on 2012 GRC SCG-2, GOM-CWP-1) to $847 (2013 dollars) in the 2016 GRC forecast. Identify any specific costs that were included in the recorded costs from 2011-13 used to develop the 2016 GRC forecast but were not included in the 2012 GRC forecast.
2. Please provide actual costs of trench reimbursements and new business forfeitures for 2014.
3. Please provide a continuity schedule of meters in inventory for 2009-2014, showing the number and dollar cost of each type of meter (1 to 3 and 4+ consistent with SCG-FBA-CAP-SUP-001) in inventory at the beginning of the year, the number and dollar cost of each type purchased, the number and dollar cost of each type installed, and the ending number and dollar cost.
4. Workpaper SCG-FBA-CAP-SUP-009 page 2 of 2 (at SCG-04-CWP, p. 172 of 248) develops a 2013 labor and non-labor costs per meter for different types of meters in 2013. Please break out the “Recorded-Adjusted” figures for 2009-2012 given in 2013 dollars on SCG-04-CWP-166 into the same categories and unit costs shown for 2013 costs at page 2 of 2 of this workpaper. If costs increased by more than 10% in 2013 relative to the average of the costs that you calculate in 2009-2012 in real 2013 dollars, please provide a detailed narrative explanation for the increase.
5. Please confirm based on the information shown on SCG-FBA-CAP-SUP-010 (at SCG-04-CWP, p. 182 of 248) that the extra 100,000 regulators forecast to be purchased at the end of 2012 (per 2012 GRC GOM-CWP-8) and authorized in the 2012 GRC decision were not actually purchased in either 2012 or 2013. If you cannot confirm this information, please explain why you believe that those regulators were purchased at that time notwithstanding the figures shown on SCG-FBA-CAP-SUP-010 . If you can confirm this information, please explain why the regulators were not purchased and explain why the project that allegedly required the additional regulators identified in the 2012 GRC was not pursued
6. Workpaper SCG-FBA-CAP-SUP-10 (at SCG-04-CWP, p. 182 of 248) develops 2013 labor and non-labor costs per regulator for different types of regulators in 2013. Please break out the “Recorded-Adjusted” figures for 2009-2012 given in 2013 dollars on SCG-04-CWP-177 into the same categories and unit costs shown for 2013 costs on this workpaper. If costs increased by more than 10% in 2013 relative to the average of the costs that you calculate in 2009-2012 in real 2013 dollars, please provide a detailed narrative explanation for the increase.

**Connected Meter Forecasts**

1. Please provide Excel spreadsheets containing all quarterly historical and forecast data used by Ms. Payan to develop her forecasts of connected meters (including but not limited to SCG-30-WP pages 11-50).
2. Please provide actual Connected meters on a quarterly basis, by category for 2014.
3. Please provide in Excel format actual quarterly data for the variables contained on SCG-30-WP pages 11-50. Update these workpapers through the end of 2014.
4. Please provide SoCalGas’s actual, forecast, and error terms for each of its statistical equations forecasting connected meters (residential single-family, residential multi-family, commercial, and industrial). Provide on an Excel spreadsheet.
5. Please explain why SoCalGas used data starting in 1979 for its 2016 TY GRC forecast of connected meters, but starting in 1981-82 for its 2012 GRC forecast of connected meters.
6. Please explain why SoCalGas changed its forecasting method to use Housing Starts in 2016 versus Building Permits in 2012.
7. Does SoCal believe that any recorded figures for quarterly building permits contained in the 2012 GRC workpapers (SCG-30, SRW-WP-8) are inaccurate? If so, please provide recorded quarterly building permit figures to replace any figures that SoCal believes are not accurate in Mr. Wilder’s 2012 GRC workpapers.
8. Please provide recorded quarterly building permits for 2010-2014 divided into single-family and multi-family residential.
9. Please update recorded housing start data from the latest data used in Ms. Payan’s workpapers in this GRC to end of 2014 or the otherwise latest available historical data.
10. Please identify the counties and municipalities included in the Housing Start forecast in 2016 and the Building Permit forecast in 2012. If the counties and municipalities were different, please explain why and provide building permit data for the 2016 definition of local governments, and housing start data for the 2012 definition of local governments.
11. Please identify the source of all forecast data (e.g, Global Insight, Moody’s) used to forecast employment, housing starts, and other drivers of meter sets and the month(s) and year(s) when those forecast data were provided to SoCalGas.
12. Please identify all updates to each source of forecast data used to forecast employment, housing starts, and other drivers of meter sets that SoCalGas has received after the forecast that it used to develop its GRC filing and supporting testimony to date. Provide the information contained in each such update. Also provide building permit data to the extent available in each such update.
13. Please provide the actual percentages of inactive meters for the residential single-family and residential multi-family, commercial, and industrial classes on a quarterly basis from 2006-2014.
14. Please provide the actual number of meter removes recorded in each quarter from 2006-2014.
15. Please provide the actual number of seasonal meter resets recorded in each quarter from 2006-2014.
16. Please provide any narrative explanations provided by the forecasting service(s) user by SoCalGas to explain or discuss changes in the number of housing starts and/or building permits over time, both in the forecast(s) used for the GRC and in any subsequent forecasts.