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

**TURN Data Request**

**Data Request Number:** TURN-SCG-17 (Gas Distribution)

**Date Sent:** May 4, 2015

**Response Due:** May 8, 2015, or as soon as possible thereafter

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.

1. In Exhibit SCG-04, p. 100, regarding Main Replacements (Budget Code 00252.0), SoCalGas states, “SoCalGas replaced an average of 55 miles of pipe per year under this work category during the period 2009 through 2013.” Based on capital spending shown in Exh. 04-CWP, p. 68, these replacements cost an average of $47.234M/year from 2009 through 2013 in 2013 constant dollars. In Exhibit SCG-08-CWP, p. 39, 55.36 miles of main replacements appear to cost $65.775M.
	1. Are the costs shown for DIMP main replacements on p. 39 of Exh. 08-CWP in 2013 constant dollars? If not, please replicate that page using 2013 constant dollars.
	2. Please identify and describe each factor that results in the cost per mile of DIMP pipe replacements to be approximately $1.188M, ($65.775M/55.3 miles), while the cost per mile to replace main in Distribution Capital (from Exh. 04) is approximately $0.859M (calculated as $47.234M/55 miles).
2. In SoCalGas Exh. 04, p. 99, the discussion of Distribution Main Replacement refers to the factors that result in main replacements under that program, including leakage, anticipated leakage maintenance expense, cost of installing or maintaining cathodic protection, condition of material or wrap/coating, or corrosion or other defect. These factors are used by technical staff to “identif[y] and prioritiz[e] pipeline segments requiring replacement.” In SoCalGas’s response to TURN DR 07-7b, the factors used to identify and prioritize replacements under DREAMS are similar.
	1. Please explain how SoCalGas’s technical staff prioritizes pipeline segments requiring replacement as set forth in Main Replacements (Exh. 04). Pl
	2. Please explain how SoCalGas prioritizes pipeline segments requiring replacement through the DREAMS effort.
	3. Please identify and briefly describe any material difference between how SoCalGas prioritizes pipeline segments identified as requiring replacement through Main Replacements as compared to pipeline segments identified as requiring replacement through DREAMS.
	4. Please briefly describe how SoCalGas coordinates the two programs, to insure that the highest risk pipe is given priority for replacement. Please be as detailed as necessary.