ORA DATA REQUEST
ORA-SDGE-158-MCL
SDG&E 2019 GRC – A.17-10-007
SDG&E RESPONSE
DATE RECEIVED: MARCH 12, 2018
DATE RESPONDED: MARCH 26, 2018

Exhibit Reference: SDG&E-04R, SDG&E-04-CWP
SDG&E Witness: Gina Orozco-Mejia
Subject: Gas Distribution - Capital

Please provide the following:

1. In reference to Ex. SDG&E-04-CWP, Regulator Station Improvements and Other – Budget Code 0051.0 Please provide the management approved budget for 2018 for the following projects:

a. Dresser mechanical coupling removal

b. Oil drip piping removal

c. Replace buried piping in vaults

d. Closed valves between medium and high pressure systems (separating, eliminating these valves).

SDG&E Response 01:

We expect that the capital plan for 2018 will be finalized by the end of March, but changes to the plan will continue to be made until the date of the annual Sempra Energy analyst conference scheduled for June 28, 2018. Due to insider trading and other concerns, SDG&E would have very serious reservations about providing 2018 plan information to anyone outside of the company until the time of the June 28, 2018 analyst conference, at which time a public version of the 2018 plan will be released.

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2. Please explain whether in 2018, SDG&E has started any of the above projects listed in question 1, above.

SDG&E Response 02:

A brief status on these projects for 2018 is the following:

- Analysis of Dresser Mechanical Coupling work orders for high-pressure pipelines to determine field locations and mitigating methods is complete. Completion of the plan for coupling removal work in 2018 is pending.

- Analysis of Oil Drip Piping work orders for high-pressure pipelines to determine field locations and mitigating methods is complete. Completion of the plan for oil drip piping removal work in 2018 is pending.

- Work on the Buried Piping in Vaults project includes one completed in 2017. Plans are in place to issue a work order for construction for the next site in June of 2018. Analysis for additional sites is still in progress.

- Identification of the locations with Closed Valves between Medium and High-Pressure Systems is complete. Two sites with these valves are currently under construction to remove them. Three additional sites are planned for removal for mid-year 2018.

It should be noted that in some cases, some individual sites identified for all these projects are worked as they come up in other pipeline projects, rather than waiting to work them as a named project alone.

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3. Provide the most current start date and estimated end date for each project listed in question 1, above.

SDG&E Response 03:

Project time frames are shown in the table below. A project status for 2018 is discussed in the response to Question 2. The time to complete each project is only an estimate. An accurate forecasted completion date for these projects is not currently possible to list since the number of replacements or removals, their locations, and the extent of work required will be determined in the analysis phase of each project.

Table 1

2019 GRC SDG&E Gas Distribution - ORA-SDGE-158-MCL
Budget Code 510 RAMP Incremental Addition Project Time Frame

RAMP Activity	Testimony Section	RAMP Risk ID:	Expense Element	Forecasted Project Start Year	Estimated Time to Complete Project
Dresser Mechanical Coupling Removal[1]	IV. K (BC 510), Page GOM-95	Risk ID 16	Capital	2017 (Started Planning)	3 years
Oil Drip Piping Removal[2]	IV. K (BC 510), Page GOM-96	Risk ID 16	Capital	2017 (Started Planning)	3 years
Buried Piping in Vaults Replacement[3]	IV. K (BC 510), Page GOM-96	Risk ID 16	Capital	2018	2 years
Closed Valves Between Medium and High Pressure Systems[4]	IV. K (BC 510), Page GOM-96, 97	Risk ID 16	Capital	2018	5 years

Notes on Assumptions:

1/ Approximately 100 Dresser couplings require removal. Each Dresser coupling will require 2 PCF fittings, traffic control and 3 excavations per job.

2/ Approximately 120 oil drips require removal. Each oil drip will require 2 PCF fittings, traffic control and 3 excavations per job.

3/ Approximately 50 vault locations with pipe and fittings that require replacement. Over 1300 Work orders require review to determine locations.

4/ Approximately 149 closed valves exist between medium and high pressure systems.