

**TURN DATA REQUEST-055**  
**SDG&E-SOCALGAS 2019 GRC – A.17-11-007/8**  
**SDG&E\_SOCALGAS RESPONSE**  
**DATE RECEIVED: APRIL 20, 2018**  
**DATE RESPONDED: MAY 11, 2018**

Exhibit Reference: SDG&E-04  
Witnesses: Orozco-Mejia  
Subject: SDG&E – Gas Distribution - CNG

1. At SDG&E-4, page 98, SDG&E states that it recently performed a customer survey at the company owned public access CNG stations.

- a. Please more fully describe the survey, including but not limited to when it was conducted, the name of the firm that prepared the survey, the name of the firm that conducted the survey, and the name of the firm that tabulated the results of the survey.
- b. Please provide a copy of the survey, and the tabulation of the results of the survey.
- c. If any report or final write-up of survey results was prepared, please provide a copy of such report or write-up.

**Utility Response 1:**

- a. The survey referred to in Exhibit SDG&E-4 page 98 was designed to better understand the current customer experience at utility owned compressed natural gas (CNG) vehicle refueling stations and what actions (if any) could be taken to improve upon that experience. The survey was conducted from January 23 through January 30, 2012, and the results compiled all by Davis Research, LLC.
- b. A copy of the actual survey accompanies this response (filename TURN\_DR-055-Q1.b) Results of the survey are shown in the response to Question 1c.
- c. A PowerPoint presentation file showing the results of the survey accompanies this response (filename: CNG Drivers Refueling Survey.pdf). **The PowerPoint presentation contains Confidential and Protected Materials pursuant to PUC Section 583, GO 66-D, and D.17-09-023.**

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b. Please provide a copy of the survey, and the tabulation of the results of the survey.

c. If any report or final write-up of survey results was prepared, please provide a copy of such report or write-up.

**Utility Response 1:**

Response Pending

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2. At SDG&E-4, page 98, SDG&E states, “Company owned public access CNG stations serve the increasing use of CNG vehicles throughout Southern California both in the private, business, and industrial sectors.”

a. For each public access CNG station SDG&E owns at present, please state the number of non-utility CNG vehicles that were served in each year from 2012-2017, inclusive.

b. For each public access CNG station SDG&E owns at present, please state the number of gallons of gasoline equivalent (GGE) sold to non-utility customers in each year from 2012-2017, inclusive.

**Utility Response 2:**

- a. This information is not available since the number of vehicles served is not tracked. SDG&E tracks the number of fueling transactions. A single vehicle can engage in multiple fueling transactions over a year, therefore there is no method to track the number of vehicles served.
- b. The number of gallons of gasoline equivalent (GGE) sold to non-utility customers in each year from 2012-2017 is shown in Table 1 below:

**Table 1**

2019 GRC SDG&E Gas Distribution - TURN-SDG&E-DR-055  
SDG&E Public Access CNG Station Volumes (GGEs)

Year	Miramar	Carlsbad	Kearney
2012	106,293	113,741	94,527
2013	139,823	139,090	149,266
2014	132,137	188,035	155,182
2015	102,168	141,928	126,997
2016	26,671*	108,278	109,648
2017	132,280	98,017	95,666

Notes

\*/ Facility was out of service for upgrade most of year 2016

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3. At SDG&E-4, page 98, SDG&E states that the forecasted expense represents the construction and installation of one natural gas vehicle (NGV) station per year at additional sites in 2018 and 2019. Please identify the sites for these stations, and generally describe the status of the station that will be constructed and installed in 2018.

**Utility Response 3:**

Planning for Kearny Station at 5488 Overland Ave, San Diego will commence in 2018. This will require significant upgrades to compression and public fueling capabilities. These improvements are expected to be placed in service in 2019. Internal company approvals for this station are not yet finalized. A second station is forecasted to start in 2019 at SDG&E's Metro C&O Center (Center City), located at 735 33rd St San Diego, CA 92102

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4. Please break out the recorded costs of \$2.635 million from 2016 (Table GOM-29) to identify the costs for each of the underlying cost drivers identified on page 99 of SDG&E-4 (Company labor, contractor labor, contractor services, engineering, pressure testing, third-party services, paving services, and materials such as controls, electronics, compressors, valves, pipes and fittings).

**Utility Response 4:**

As indicated in Exhibit SDG&E-04-R, pages GOM 98 to GOM-99, the forecast was based on the cost for the construction and installation of one public access CNG facility. The cost breakdown of that facility is shown in the table below. Construction of the facility was performed by a contractor, thus the majority of the cost was for Contract Services. SDG&E does not track the costs in the level of detail requested. The costs include some invoices that cleared after the forecast was made.

**Table 2**

2019 GRC SDG&E Gas Distribution - TURN-SDG&E-DR-055  
**CNG Facility Construction Cost Breakdown**  
(Thousands of 2016 Dollars)

Item	Direct Cost (\$)
Internal Labor	32,921
Materials	682,247
Contract Services	2,520,615
<b>Total</b>	<b>3,235,783</b>

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5. In SDG&E-04-CWP, the workpapers include the statement, “SDG&E has a program to build or renovate one compressed natural gas fueling station per year for five years beginning in 2018.”

- a. Please describe the highest level of management review and approval for this program.
- b. Please provide all documentation provided to SDG&E management in the process of obtaining review and approval for this program.
- c. Please provide all documentation of SDG&E management approving this program.

**Utility Response 5:**

- a. This program is approved at the manager and director levels for station concept including location and type of station; and at the vice president level on a project by project basis based on cost level authorization
- b. SDG&E objects to this request under Rule 10.1 of the Commission’s Rules of Practice and Procedure on the grounds that the request is overly broad and the burden, expense and intrusiveness of this request clearly outweigh the likelihood that the information sought will lead to the discovery of admissible evidence. Subject to and without waiving the foregoing objection, SDG&E responds as follows:

Table 3 below shows the latest 5-year plan overview for SDG&E’s NGV (CNG) fueling stations. This plan is periodically reviewed and updated by management to provide general plan direction. Projects are then approved individually providing final authorization to proceed with associated expenses. This approval is provided through the signature of a Work Order Authorization for a specific NGV station. The last SDG&E station completed in 2017 was at SDG&E’s Miramar facility. Please also see the response to Question 3 regarding status of approvals for sites in 2018 and 2019.

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**Utility Response 5 Continued:**

Table 3

NGV Infrastructures Improvement	2018	2019	2020	2021	2022
<b>Public NGV Stations</b>					
<b>Kearny</b>					
1. Relocate NGV station (2 New Compr; Dryers; 6 Storage Vessels)	300,000	2,500,000			
2. Public Fueling station (Canopy, Price Sign, Driveway)		2,200,000			
3. Fast Fill Post and 2 hoses & Time Fill Post (5) and 20 hoses		300,000			
<b>Sub-Total</b>	<b>300,000</b>	<b>5,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Private NGV Station</b>					
<b>Center City</b>					
1. Replace 2 Old IR Compressors w/ 2 New Bauer Compressors		200,000	900,000		
2. Buffer Panel & Gas Dryer			100,000		
3. Fast Fill Post and 2 hoses & Time Fill Post (5) and 20 hoses			300,000		
<b>Sub-Total</b>	<b>0</b>	<b>200,000</b>	<b>1,300,000</b>	<b>0</b>	<b>0</b>
<b>Beach Cities</b>					
1. Replace Old Gimini Compressors w/ 2 New Bauer Compressors			200,000	900,000	
2. Buffer Panel & Gas Dryer				100,000	
3. Fast Fill Post and 2 hoses & Time Fill Post (5) and 20 hoses				300,000	
<b>Sub-Total</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	<b>1,300,000</b>	<b>0</b>
<b>North East</b>					
1. Replace 2 Old IR Compressors w/ 2 New Bauer Compressors				200,000	900,000
2. Buffer Panel & Gas Dryer					100,000
3. Fast Fill Post and 2 hoses & Time Fill Post (5) and 20 hoses					300,000
<b>Sub-Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	<b>1,300,000</b>
<b>New NGV Station</b>					
<b>Station #1 - El Cajon</b>					
1. New NGV station (2 New Compr; Dryers; 6 Storage Vessels)			300,000	2,500,000	
2. Public Fueling station (Canopy, Price Sign, Driveway)				1,500,000	
3. Fast Fill Post and 2 hoses				300,000	
4. Time Fill Post (5) and 20 hoses				700,000	
<b>Sub-Total</b>	<b>0</b>	<b>0</b>	<b>300,000</b>	<b>5,000,000</b>	<b>0</b>
<b>Station #1 - Oceanside</b>					
1. New NGV station (2 New Compr; Dryers; 6 Storage Vessels)				300,000	2,500,000
2. Public Fueling station (Canopy, Price Sign, Driveway)					1,500,000
3. Fast Fill Post and 2 hoses					300,000
4. Time Fill Post (5) and 20 hoses					700,000
<b>Sub-Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>	<b>5,000,000</b>
<b>Total Annual NGV Direct</b>	<b>300,000</b>	<b>5,200,000</b>	<b>1,800,000</b>	<b>6,800,000</b>	<b>6,300,000</b>

- c. SDG&E objects to this request under Rule 10.1 of the Commission’s Rules of Practice and Procedure on the grounds that the request is overly broad and the burden, expense and intrusiveness of this request clearly outweigh the likelihood that the information sought will lead to the discovery of admissible evidence. Subject to and without waiving the foregoing objection, SDG&E responds as follows:

Please see information provided in the response to Questions 3 and 5.b. above. This information and the results of the customer survey are some of the information provided to management. The other document is a Work Order Authorization, that is developed for each specific station and is signed and approved according to the authorized signature levels.