

**ORA DATA REQUEST  
ORA-SDGE-108-MRK  
SDG&E 2019 GRC – A.17-10-007  
SDG&E RESPONSE  
DATE RECEIVED: JANUARY 29, 2018  
DATE RESPONDED: FEBRUARY 8, 2018**

**Exhibit Reference:** SDG&E-38  
**SDG&E Witness:** Kenneth Schiermeyer  
**Subject:** Electric Customer Forecast

**Please provide the following:**

1. Referring to the working spreadsheet “DR ORA-SDG&E-006 Q1Attachment \_SDG&E-38-WP WithFormulas.xlsx” in SDG&E’s response to data request ORA-SDGE-006-MRK Q.1, ORA requests that SDG&E explain the meaning of the following variables in the tab ResRegAndFcastQ:

- a. Model DRDRLI (SD)
- b. NewDRDRLI-SD
- c. Model DRDRLI (OC)
- d. NewDRDRLI-OC
- e. Model DRDRLI (SDGE)
- f. NewDRDRLI-SDGE

**SDG&E Response 01:**

Please note, these concepts were addressed in SDG&E’s response to ORA-SDGE-105-MRK, which describes the residential forecast process.

However, to further clarify:

- a) NewDRDRLI-SD is the concept forecasted by the regression model, or total DRDRLI net customer additions for San Diego County (SD).
- b) Adding these net customer additions (also referred to as customer gains) to the previous period's total customers for San Diego County, or Model DRDRLI-SD, yields the DRDRLI customer forecast for San Diego County (SD).
- c) The same explanation is applicable for the small portion of Orange County that SDG&E serves (OC) and SDG&E's total service territory (SDGE), ie., where  $SD+OC=SDGE$ .

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2. Referring to Question 1, above, are any of these variables being forecast by SDG&E? If so, please specify which ones.

**SDG&E Response 02:**

All of the variables are being forecasted since they are all driven by formulas in the forecast period. However, the only concept that is derived from a regression model is NewDRDRLI-SD.

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3. What is the purpose of forecasting each of the variables specified above? Which if any of these variables serves to forecast the residential numbers in Table KES-1?

**SDG&E Response 03:**

Please see SDG&E's response to Question 1 above for further clarification of the purpose for forecasting San Diego County, the small portion of Orange County, and the sum of these two concepts resulting in SDG&E DRDRLI customers. Note: customer gains for OC (NewDRDRLI-OC) and for SDG&E (NewDRDRLI-SDGE) are for presentation purposes.

Therefore, all these variables are used to derive the residential numbers in Table KES-1. To further clarify, as was pointed out in SDG&E's response to ORA-SDG&E-053-MRK and SDG&E's response to Question 1 above, the tab RegRegAndFcastQ presents the regression results for NewDRDRLI-SD and adds OC, to yield SDG&E DRDRLI customers (without individual EV customers).

Specifically, please note, for the average of the 12 months for 2019, from the tab ResRegFcastM:

...DRDRLI-SD	1,187,730 (adding regression results to last historical level, Column H)
+ DRDRLI-OC	+ 112,761 (estimated OC portion from Column J)
= DRDRLI-SDGE	= 1,300,490 (rounded to nearest integer, from Column L)
+ EV Res. Customers	+ 249 (from Column AI on M-Cust(HistAndFcast))
	= 1,300,739

Adding the remaining small residential rate schedule customers levels:

+ Schedule DM	+ 3,482 (from Column E on M-Cust(HistAndFcast))
+ Schedule DS	+ 234 (from Column F on M-Cust(HistAndFcast))
+ Schedule DT	+ 436 (from Column H on M-Cust(HistAndFcast))
= KES-1 'Residential'	= 1,304,891 (DR w/EV, DRLI, DM, DS, and DT for SDGE)