

**ORA DATA REQUEST**  
**ORA-SDG&E-DR-08**  
**SDG&E GRC Phase 2 APPLICATION – A.15-04-012**  
**SDG&E RESPONSE**  
**DATE RECEIVED: DECEMBER 1, 2015**  
**DATE RESPONDED: DECEMBER 11, 2015**

1. For Schedule DR, please provide the forecasted billing determinants on which SDG&E's residential bill impacts illustrated in advice letter AL2784-E relied.

More precisely, please provide ORA with the forecasted sales in kWh for the Summer and Winter periods in years 2016, 2017, 2018, 2019 and 2020, for each of the following usage tiers<sup>1</sup>.

Baseline consumption  
100%-130% of baseline  
130%-200% of baseline  
200%-400% of baseline  
>400% of baseline

**SDG&E Response:**

In the GRC Phase 2 testimony of Chris Swartz, served on December 1, 2015, SDG&E presented residential rates (on pages 1-2 of Attachments D, F, and H) and the associated bill impacts (on pages 6-33 of Attachment E, G, and I) that reflect the glidepath presented in AL 2784-E. These illustrative residential rates and bill impacts also reflect the updates to determinants, marginal cost studies and revenue allocations proposed in this proceeding.

There are two sets of determinants associated with the residential bill impacts presented: (1) the 2016 test-year (TY) determinants that provide the basis for the development of rates and (2) the billing determinants based on historic usage from January 1, 2014 – December 31, 2014 used for the calculation of illustrative bill impacts.

The tier definition, as defined in the glidepath, over the period addressed in the 2016 GRC Phase 2 is presented below. In addition, the determinants also reflect SDG&E's authorized transition path for reduction in baseline as authorized in D.15-07-001.

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<sup>1</sup> The billing determinants provided should be the same ones used in calculating the rates presented on pages 9 and 15 in AL2784-E.

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**Response to Question 1 (Continued)**

	Current	Year 1 (2016)	Year 2 (2017)	Year 3 (2018)
Up to 100% Baseline	Tier 1	Tier 1	Tier 1	Tier 1
101%-130% Baseline	Tier 2			
131%-200% Baseline	Tier 3	Tier 2	Tier 2	Tier 2
201-400% Baseline			SUE	SUE
>400% Baseline				

The determinants for the development of rates are provided in file “SDGE GRC P2 – ORA DR08 – Q1.xlsx” which provides the 2016 TY determinants consistent with the table presented above. The full 2016 TY determinants for residential tiered rates are available on the “Determinants” tab in the Consolidated Model workpapers (Consolidated Model GRC P2 Workpapers [CONFIDENTIAL]).

The determinants for bill impacts are provided in file “SDGE GRC P2 – ORA DR08 – Q1– Schedule DR-DRLI Billing Determinants.xlsx” which provides the billing determinants that were used for the illustrative residential bill impacts provided in Attachments E, G and I. The file includes billing determinants consistent with the bill impacts presented and thereby includes: Non-CARE/CARE; summer/winter determinants; climate zones (Inland/Coastal/Mountain/Desert) and service type (Basic/All-Electric).

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2. Please provide the most recent 12 months of available customer load data for all of SDG&E’s 100,000+ small commercial customers.
- a. For each customer included in the file, please delineate the following characteristics:
- Average kWh served for each hour in the Summer
  - Average annual kWh served for each hour
  - Climate zone in which that customer conducts business
    - Cool/Moderate
    - Hot
  - Business type<sup>2</sup>
    - Non-food retail
    - Restaurant
    - Property management/office
    - Healthcare
    - Government
    - Other
  - Max Annual kW demand
  - CARE/NON-CARE

b. Please provide the data according to the format illustrated below:

Customer (n)	Average Consumption kWh/Hour (i)												Climate zone	Business	Max Annual kW demand	CARE (1=Yes, 0=no)
	Annual						Summer									
	1	2	3	...	23	24	1	2	3	...	23	24				
1	x	x	x	x	x	x	y	y	y	y	y	y	cool/moderate	non-food retail	3.00	0
2	x	x	x	x	x	x	y	y	y	y	y	y	hot	Healthcare	10.00	0
3	x	x	x	x	x	x	y	y	y	y	y	y	cool/moderate	restaurant	20.00	0
...	x	x	x	x	x	x	y	y	y	y	y	x	cool/moderate	Government	10.00	0
99999	x	x	x	x	x	x	y	y	y	y	y	y	cool/moderate	Offices	5.00	1
100000	x	x	x	x	x	x	y	y	y	y	y	y	hot	Other	5.00	0

x = average of all consumption (kWh) in hour "i" for customer "n"  
y = average of all Summer consumption in hour "i" for customer "n"

<sup>2</sup> SDG&E may choose to use standard industry classification codes (“SIC”) or North American Industry Classification (“NAIC”) codes.

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**SDG&E Response:**

**Please note that this response is protected under Section 583 because it included non-public customer information.**

**REMOVED DUE TO CONFIDENTIALITY**