

**APPLICATION OF SOUTHERN CALIFORNIA GAS COMPANY  
AND SAN DIEGO GAS & ELECTRIC COMPANY  
FOR AUTHORITY TO REVISE THEIR NATURAL GAS RATES  
EFFECTIVE JANUARY 1, 2017 IN THEIR  
TRIENNIAL COST ALLOCATION PROCEEDING - PHASE 2**

**(A.15-07-014)**

**(DATA REQUEST ORA-TCAP2-SCG-21 )**

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**QUESTION 1:**

Please provide forecasts from Sempra's enduse model for the residential sector based on the following residential price elasticity's.

- (a) Residential Single-Family = -0.07944
- (b) Residential Premise 2 = -0.08132
- (c) Residential Premise 3 = -0.05576
- (d) Residential Master Meter = -0.01538
- (e) Residential Sub Meter = -0.05833

**RESPONSE 1:**

Please find the new average temperature year forecasts, based on the above elasticities, below.

	<b>SCG</b>	<b>SDGE</b>
	<b>Forecast</b>	<b>Forecast</b>
<b>Year</b>	<b>(MDth)</b>	<b>(MDth)</b>
2017	244,168	31,815
2018	242,988	31,908
2019	241,652	31,971

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**QUESTION 2:**

Please provide forecasts from Sempra's enduse model for the commercial core sector based on the following price and employment elasticities

<b><u>SECTOR</u></b>	<b><u>PRICE ELASTICITY</u></b>	<b><u>EMPLYOMENT ELASTICITY</u></b>
Office -	0.1350	0.5050
Restaurant -	0.0325	0.8175
Retail -	0.2650	1.4868
Laundry -	0.0894	0.5288
Warehouse -	0.1577	0.5410
School -	0.0406	-----
College -	0.0424	0.7340
Health -	0.0970	1.3834
Lodging -	0.1060	0.1808
Miscellaneous -	0.0652	-----
Government	-----	-----
TCU -	0.6478	0.724
Construction -	0.1610	0.106
Agriculture -	0.2723	0.6951

**RESPONSE 2:**

Please find the new average temperature year forecasts, based on the above elasticities, below.

Year	<u>SoCalGas (Mdth)</u>	<u>SDGE (Mdth)</u>
2014	81,566	17,093
2015	82,396	17,172
2016	82,248	17,315
2017	81,813	17,189
2018	81,276	17,048
2019	80,548	16,838

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**QUESTION 3:**

Please provide forecasts from Sempra's enduse model for the industrial core sector based on the following price and employment elasticities.

<b><u>SECTOR</u></b>	<b><u>PRICE ELASTICITY</u></b>	<b><u>EMPLYOMENT ELASTICITY</u></b>
Mining -	0.02475	----
Food -	0.13974	1.2176
Textile	-----	1.3026
Wood and Paper -	0.2157	0.1432
Chemicals -	0.2050	0.6401
Petroleum -	0.0577	----
Stone and Clay	-----	1.3070
Primary Metal -	0.0565	0.8728
Fabricated Metal -	0.0054	1.1927
Transportation -	0.21944	0.6862
Miscellaneous -	0.03697	1.5664

**RESPONSE 3:**

Please find the new average temperature year forecasts, based on the above elasticities, below.

<b><u>Year</u></b>	<b><u>SoCalGas</u></b>	<b><u>SDG&amp;E</u></b>
	mdth	mdth
2014	22,708.2	1,521.6
2015	22,442.0	1,545.0
2016	22,269.9	1,563.4
2017	21,987.9	1,558.3
2018	21,639.2	1,549.0
2019	21,102.7	1,530.5