

**APPLICATION OF SOUTHERN CALIFORNIA GAS COMPANY &  
SAN DIEGO GAS & ELECTRIC COMPANY FOR AUTHORITY TO REVISE THEIR  
NATURAL GAS RATES AND IMPLEMENT STORAGE PROPOSALS EFFECTIVE  
JANUARY 1, 2020 IN THE TRIENNIAL COST ALLOCATION PROCEEDING**

**(A.18-07-024)**

**(DATA REQUEST CAL ADVOCATES-DR-048)**

**DATA RECEIVED: 2-22-19**

**DATE RESPONDED: 3-7-19**

**QUESTION 1:**

Please re-run Sempra's end-use model using the following commercial non-core price elasticities.<sup>1</sup>

<b>Sector</b>	<b>Price Elasticity</b>	<b>Weight</b>
Office	0	0
Restaurant	-0.023	0.0022
Retail	0	0
Laundry	0	0
Warehouse	0	0
School	0	0
College	0	0
Health	-0.010	0.5147
Lodging	0	0
Miscellaneous	0	0
Government	-0.068	0.1597
TCU	-0.20	0.1261
Construction	-0.004	0.1973
<b>Weighted Average</b>	<b>-0.0323</b>	

<sup>1</sup> Cal Advocates confirmed via email dated March 4, 2019 that a noncore commercial agriculture elasticity of -0.004 should also be used for this data request.

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**RESPONSE 1:**

The gas demand forecasts which would result from re-running Applicants end-use model using the requested commercial non-core price elasticities, after post-model adjustments, are shown in the following table.

Year	MDth/Yr
2017	18,270.2
2018	18,700.6
2019	18,682.6
2020	18,673.7
2021	18,622.6
2022	18,560.9
2023	18,448.7

Detailed data and monthly forecasts are provided in the attached Excel file below.



CalAdvocates-DR-04  
8 Response 1.xlsx

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**QUESTION 2:**

Please re-run Sempra's end-use model using the following industrial non-core price elasticities.<sup>2</sup>

Sector	Price Elasticity	Weight
Mining	0	0
Food	-0.066	0.5833
Textile	-0.022	0.0716
Wood and Paper	-0.097	0.1039
Chemical	-0.016	0.1005
Stone and Clay	-0.007	0.1406
Primary Metal	0	0
Fabricated Metal	0	0
Transportation	0	0
Miscellaneous	0	0
<b>Weighted Average</b>	<b>-0.053</b>	

**RESPONSE 2:**

The gas demand forecasts which would result from re-running Applicants end-use model using the requested industrial non-core price elasticities, after post-model adjustments, are shown in the following table.

Year	MDth/Yr
2017	51,258.7
2018	51,801.3
2019	51,486.8
2020	51,154.0
2021	50,602.7
2022	50,002.2
2023	49,248.2

<sup>2</sup> Cal Advocates confirmed via email dated March 4, 2019 that a noncore industrial petroleum and coal elasticity of 0 should be used for this data request.

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Detailed data and monthly forecasts are provided in the attached Excel file below.



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8 Response 2.xlsx