

**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-053)

**DATA RECEIVED: 3-14-19**

**DATE RESPONDED: 3-26-19**

**QUESTION 1:**

In CalAdvocates Data Request 48, CalAdvocates requested Sempra to re-run its end-use model with an alternative set of non-commercial and non-core industrial price elasticities. Please use these price elasticities to forecast non-core commercial and non-core industrial demand under SoCalGas' cold year temperature conditions.

**RESPONSE 1:**

The cold year gas demand forecasts for noncore commercial 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	Noncore Commercial Cold Year (MDth)
2017	18,678.4
2018	19,108.9
2019	19,090.9
2020	19,082.0
2021	19,030.9
2022	18,969.1
2023	18,857.0

Detailed data and monthly forecasts for average year and cold year are provided in the attached Excel file.



CalAdvocates-DR-0  
53 Response 1a.xlsx

For this TCAP, based on analysis of monthly usage and Heating degree days (Hdd), noncore industrial is found to be non-temperature-sensitive. The forecasted cold year throughputs are therefore the same as the forecasted average year throughputs for noncore industrial as provided in Response 2 to Data Request 48.

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**QUESTION 2:**

Please use the non-core commercial and industrial non-core price elasticities referred to in question1 to forecast commercial non-core and industrial non-core demand for SDG&E under average temperature and cold year temperature conditions.

**RESPONSE 2:**

Forecasts of gas demand for SDG&E noncore commercial and noncore industrial were calculated from relationships developed from monthly consumption data and employment in the San Diego area. The regression models for demand forecasts use SDG&E's commercial and industrial employment as independent variables, respectively. Price elasticities were not used in the forecasting models. Therefore, SDG&E cannot provide a response to this question.