

**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 PUBLIC ADVOCATES OFFICE-2020TCP-004)

Updated Response Provided October 5, 2018

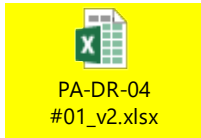
QUESTION 1:

In response to Cal PA Data Request ORA-Sempra-2002TCAP-002, Question 21, Sempra provided historic commercial non-core data for the period January 2002 through December 2006. Please provide this data for the period from January 2007 through December 2017.

RESPONSE 1:

Requested data are provided in the attached Excel file. Below are the explanations for each Excel worksheet:

The following Excel file contains information highlighted in yellow that has been identified as confidential pursuant to General Order 66-D and D.17-09-023, and is accompanied by a Confidentiality Declaration.



Hdd Price CPI:

This tab has the HDD, Price, CPI data as well as some additional columns of data that are derived from the Price and CPI variables. Rows#136 and #137 have some summary statistics that are used later or to re-calibrate the CPI series to base year of 2017.

Therm:

This worksheet has the monthly consumption in therm by commercial business type; rows#136 has some summary statistics that are used later to calculate the "Pterm1" worksheet entries.

Empl:

This worksheet has the monthly employment (units are millions of employees) by commercial business type; rows#136 shows summary statistics.

Pterm1:

The data are derived from the variable "Price_2017_Lag1Mo" variable in col-J of the "Hdd_Price_CPI" worksheet. Basically, it's from the equation:

$$P_{Term1} = (\text{Price}_{2017_Lag1Mo}) \times (\text{2007-2017 Avg Mo Therm by business type}) / (\text{2007-2017 Avg Price})$$

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The equation shows that even though we use the same price data for each business type, the values of PTerm1 will vary by business type since the “2007-2017 Avg Mo Therm by business type” vary by business type. By doing this transformation, the coefficient of this variable in a linear regression model with Therm as dependent variable will yield an estimate that represents a price elasticity for the respective business type.

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QUESTION 2:

In response to Cal PA Data Request ORA-Sempra-2002TCAP-002, Question 22, Sempra provided historic industrial non-core data for the period January 2002 through December 2006. Please provide this data for the period from January 2007 through December 2017.

RESPONSE 2:

Requested data are provided in the attached Excel file. Below are the explanations for each Excel worksheet:



PA-DR-04 #02.xlsx

Hdd Price CPI:

This tab has the HDD, Price, CPI data as well as some additional columns of data that are derived from the Price and CPI variables. Rows#136 and #137 have some summary statistics that are used later or to re-calibrate the CPI series to base year of 2017.

Therm:

This worksheet has the monthly consumption in therm by industrial business type; rows#136 has some summary statistics that are used later to calculate the "Pterm1" worksheet entries.

Empl:

This worksheet has the monthly employment (units are thousands of employees) by industrial business type; rows#136 shows summary statistics.

Pterm1:

The data are derived from the variable "Price_2017_Lag1Mo" variable in col-J of the "Hdd_Price_CPI" worksheet. Basically, it's from the equation:

$$P_{Term1} = (\text{Price}_{2017_Lag1Mo}) \times (\text{2007-2017 Avg Mo Therm by business type}) / (\text{2007-2017 Avg Price})$$

The equation shows that even though we use the same Price data for each business type, the values of PTerm1 will vary by business type since the "2007-2017 Avg Mo Therm by business type" vary by business type. By doing this transformation, the coefficient of this variable in a linear regression model with Therm as dependent variable will yield an estimate that represents a price elasticity for the respective business type.