

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-036)

DATA RECEIVED: 2-4-19

DATE RESPONDED: 2-19-19

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**QUESTION 1:**

In response to Data Request ORA-Sempra-2020TCAP-OO2 Sempra provided commercial and industrial non-core employment elasticities derived from the 2005 BCAP application. This included data from January 1998 through March 2003. For the period from April 2003 through December 2017 please provide, on a monthly basis, the following variables:

- (a) LN(USE<sub>t</sub>)
- (b) LN(EMPLOY<sub>t-6</sub>)
- (c) LN(GAS\_P<sub>t</sub>)
- (d) CLOSE<sub>t</sub>
- (e) XMASt

**RESPONSE 1:**

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



- Therm<sub>t</sub>*** Noncore C&I monthly consumption (therm) in month *t*.
- Employment<sub>t</sub>*** Noncore C&I monthly Employment (thousands) in month *t*.
- Employment<sub>t-6</sub>*** Noncore C&I monthly Employment (thousands) in month *t-6*.
- Gas\_Price<sub>t</sub>*** Gas price (cents per therm) in month *t*.
- Ln(USE<sub>t</sub>)*** = Natural logarithm of ***Therm<sub>t</sub>***.
- LN(EMPLOY<sub>t-6</sub>)*** = Natural logarithm of ***Employment<sub>t-6</sub>***.
- LN(GAS\_P<sub>t</sub>)*** = Natural logarithm of ***Gas\_Price<sub>t</sub>***.
- XMASt*** December dummy variable. For December, XMASt = 1; otherwise XMASt = 0
- CLOSE<sub>t</sub>*** All values are 0. (Note: this is a dummy variable created for the previous model. In the previous model, for January 1998 through December 2000, CLOSE<sub>t</sub> = 1; otherwise CLOSE<sub>t</sub> = 0)