

**APPLICATION OF SOUTHERN CALIFORNIA GAS COMPANY
& SAN DIEGO GAS & ELECTRIC COMPANY FOR AUTHORITY TO REVISE THEIR
NATURAL GAS RATES AND IMPLEMENT STORAGE PROPOSALS
IN THE 2027 COST ALLOCATION PROCEEDING (A.25-09-014)
DATA REQUEST SET 19 FROM CAL ADVOCATES – PUBADV-SCG_SDGE-019-ST
DATED: MARCH 20, 2026
SOCALGAS RESPONSE DATED: APRIL 14, 2026_SUPPLEMENTAL NO.1**

The following questions refer to Chapter 3 SoCalGas Workpapers:

5. Referring to Tables Res-9 and Res-10 on pp. 9-12:

- a) Provide all data sources, supporting documents and researched information used to determine saturation values in Tables Res-9 and Res-10.
- b) Provide any surveys, studies, or empirical data supporting the assumption that saturations remain constant through 2031.
- c) Explain how appliance turnover was modeled for each end use. If appliance turnover was not modeled to determine saturation, explain why.
- d) Provide all assumptions regarding electrification impacts on saturation (e.g., heat pump adoption).
- e) Provide the methodology used to differentiate saturation between old and new vintages.

Partial Response

- a) *Response will be provided at a later date.*
- b) No information exists regarding future saturation rates so the values were held constant.
- c) Appliance turnover was not modeled to determine saturation due to the lack of turnover data in the Residential Appliance Saturation Study (RASS).
- d) SoCalGas has no assumptions regarding electrification (or fuel substitution) impact on saturation.
- e) Saturations by building vintage are created based on analysis of 2019 RASS survey individual weighted responses.

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6. Referring to Tables Res-11 and Res-12 on pp. 13-16:

- a) Provide all data sources used to determine the base-year fuel share values, including:
- customer billing data (since this data is strictly confidential, provide what can be feasibly provided in aggregate).
 - appliance saturation surveys
 - engineering studies
 - external datasets (e.g., Residential Energy Consumption Survey (RECS) from the Energy Information Administration (EIA), California Energy Commission (CEC) surveys, etc).
- b) Describe the methodology used to derive fuel share values for each end use. Include all formulas, assumptions, and adjustments.
- c) Explain why fuel share values were held constant throughout the entire forecast period (2025-2031). Provide any surveys, studies, or empirical data supporting this assumption.
- d) Provide all assumptions used for fuel share calculations regarding:
- heat pump adoption
 - electric appliance adoption
 - local gas bans
 - Title 24 building code impacts
 - decarbonization policies
- e) Provide all calibration steps used to align fuel share assumptions with actual 2024 customer usage patterns.
- f) Provide any benchmarking or validation studies comparing SoCalGas’s fuel share assumptions to:
- CEC Integrated Energy Policy Report (IEPR) assumptions
 - statewide electrification forecasts

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- local building electrification ordinances

Partial Response

- a) *Response will be provided at a later date.*
- b) See Response 6a.
- c) Fuel substitution impact is applied as an out-of-model adjustment. The fuel share values were held constant to avoid double-counting with respect to the out-of-model fuel substitution adjustments.
- d) See Response 6c.
- e) No calibration was performed.
- f) Benchmarking or validation studies from the CEC, statewide electrification forecasts, or local building assumption comparing SoCalGas’s fuel share assumptions are not applicable as SoCalGas’s fuel share values did not incorporate or account for fuel substitution. See Responses 6a to 6c above.

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13. Referring to Tables Res-9 and Res-10 on pp. 9-12:

- a) Provide all data sources, supporting documents and researched information used to determine saturation values in Tables Res-9 and Res-10.
- b) Provide any surveys, studies, or empirical data supporting the assumption that saturations remain constant through 2031.
- c) Explain how appliance turnover was modeled for each end use. If appliance turnover was not modeled to determine saturation, explain why.
- d) Provide all assumptions SDG&E used regarding electrification impacts on saturation (e.g., heat pump adoption).

Partial Response

- a) *Response will be provided at a later date.*
- b) No information exists regarding future saturation rates so the values were held constant.
- c) Appliance turnover was not modeled to determine saturation due to lack of turnover data in the Residential Appliance Saturation Study (RASS).
- d) SDG&E has no assumptions regarding electrification (or fuel substitution) impact on saturation.

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14. Referring to Tables Res-11 and Res-12 on pp. 13-16:

a) Provide all data sources SDG&E used to determine the base-year fuel share values, including:

- customer billing data (since this data is strictly confidential, provide what can be feasibly provided in aggregate).
- appliance saturation surveys
- engineering studies
- external datasets (e.g., Residential Energy Consumption Survey (RECS) from the Energy Information Administration (EIA), CEC surveys, etc).

b) Describe the methodology used to derive fuel share values for each end use. Include all formulas, assumptions, and adjustments.

c) Explain why fuel share values were held constant throughout the entire forecast period (2025-2031). Provide any surveys, studies, or empirical data supporting this assumption.

d) Provide all assumptions used for fuel share calculations regarding:

- heat pump adoption
- electric appliance adoption
- local gas bans
- Title 24 building code impacts
- decarbonization policies

e) Provide all calibration steps used to align fuel share assumptions with actual 2024 customer usage patterns.

f) Provide any benchmarking or validation studies comparing SDG&E's fuel share assumptions to:

- CEC IEPR assumptions
- statewide electrification forecasts
- local building electrification ordinances

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Response 14.

- a) *Response will be provided at a later date.*
- b) See Response 14 a.
- c) Fuel substitution impact is applied as an out-of-model adjustment. The fuel share values were held constant to avoid double-counting with respect to the out-of-model fuel substitution adjustments.
- d) See Response 6c
- e) No calibration performed.
- f) Benchmarking or validation studies from the CEC, statewide electrification forecasts, or local building assumption comparing SDG&E’s fuel share assumptions are not applicable as SDG&E’s fuel share values did not incorporate or account for fuel substitution. See Responses to 6a to 6c above.