

SOUTHERN CALIFORNIA GAS COMPANY (SOCALGAS)
CAL ADVOCATES-SCG-A2209006-004
HYDROGEN BLENDING DEMONSTRATION APPLICATION (A.22-09-006)
DATE REQUESTED: October 9, 2025
RESPONSE DUE: October 16, 2025

QUESTION 1:

SoCalGas' Rebuttal Testimony, at page BW-7, speaks to the age and length of "Existing PE Pipe Involved For Proposed Project at UC Irvine", with its earliest polyethelene (PE) pipe segment being installed in 1999.

SoCalGas' response to prior questions about the UCI Project use of new steel pipe stated:

“New steel pipe” is being installed within the UCI demonstration in order to create a mixed-material demonstration project. The new steel pipe material installed within the UCI demonstration will be representative of at least the last decade of steel infrastructure and of steel assets anticipated for installation in coming years.” SoCalGas response to DR-01 Question 5(a), at 16.

- a) What percentage of SoCalGas' distribution polyethene (PE) pipe segments were installed after 1999?
- b) What percentage of SoCalGas' distribution polyethene (PE) pipe segments were installed before 1999?
- c) What percentage of SoCalGas' distribution main pipeline segments are polyethelene (PE)?
- d) What percentage of SoCalGas' distribution main pipeline segments are made of a material other than polyethelene (PE)?
- e) What percentage of SoCalGas' distribution steel pipe segments were installed utilizing the “the last decade of steel infrastructure”?
- f) What percentage of SoCalGas' distribution steel pipe segments were not installed utilizing the “the last decade of steel infrastructure”?

RESPONSE 1:

- a) As reported in the End of Year 2024 PHMSA Distribution Annual Report, 35.16% of SoCalGas's polyethylene medium-pressure mains and services were installed after 1999.
- b) As reported in the End of Year 2024 PHMSA Distribution Annual Report, 63.13% of SoCalGas's polyethylene medium-pressure mains and services were installed before 1999.

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- c) As reported in the End of Year 2024 PHMSA Distribution annual report, 53.93% of SoCalGas's medium-pressure mains are polyethylene.
- d) As reported in the End of Year 2024 PHMSA Distribution Annual Report, 46.07% of SoCalGas's medium-pressure mains are made of material other than polyethylene.
- e) In this scenario, SoCalGas's reference to "new steel pipe material installed within the UCI demonstration will be representative of at least the last decade of steel infrastructure" is predicated on historical pipeline standards for steel pipe grade and wall thickness. SoCalGas does not actively track this level of detail with regard to its medium pressure distribution system and thus is not able to determine with certainty within the time provided to respond to this data request what percentage of distribution steel pipe segments are representative of the last decade of steel infrastructure based on specific codes and standards. SoCalGas was, however, able to determine the amount of steel pipeline installed within the last decade. As reported in the End of Year 2024 PHMSA Distribution annual report, 0.11% of SoCalGas's steel medium-pressure mains and services were installed between 2015 and 2024.
- f) See response to question 1.e. Similarly, as reported in the End of Year 2024 PHMSA Distribution annual report, 99.89% of SoCalGas's steel medium-pressure mains and services were installed before 2015.