

**SOUTHERN CALIFORNIA GAS COMPANY
SAN DIEGO GAS & ELECTRIC COMPANY**

**APPLICATION FOR REVIEW OF COSTS INCURRED IN EXECUTING
PIPELINE SAFETY ENHANCEMENT PLAN (PSEP)
(A.18-11-010)**

(Cal PA Data Request-11)

**Date Requested: February 5, 2019
Date Responded: February 20, 2019**

QUESTION 01:

The Code of Federal Regulation (49 CFR 192.507) sets the pressure testing criteria for pipeline operating “at a hoop stress less than 30% SMYS and at or above 100 p.s.i. gage.” Based on your companies’ interpretation, do SoCalGas and SDG&E apply the Maximum Allowable Operating Pressure (MAOP) as the pressure to be matched against the “100 p.s.i. gage” and the pressure yielding the hoop stress (and therefore the percentage SMYS) as described in the previous paragraph? If not, please explain what value SoCalGas and SDG&E utilize.

RESPONSE 01:

Yes, SoCalGas and SDG&E use the Maximum Allowable Operating Pressure (MAOP) of the pipeline to determine the hoop stress.

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QUESTION 02:

Referring to SoCalGas' and SDG&E's response to Cal PA's data request CalPA-SCG-03, in which the attachment "CalPA DR-03_Q01 CONFIDENTIAL 2018RR Project data_Amend 1.xlsx" was provided:

- a) Please explain how SoCalGas and SDG&E broke down each PSEP project into separate rows.
- b) Please explain what is meant by pipe segment and pipe section.
- c) Is each of the PSEP projects broken down by pipe segment?
- d) Is each of the PSEP projects broken down by pipe section?
- e) Please define the term "Original SMYS" and explain the basis for the term being expressed in unit of percentage (%).

RESPONSE 02:

- a) A separate row was created if there were different attributes, such as Standard Minimum Yield Strength (SMYS), test information, pipeline name or break in stationing.
- b) As stated in the Workpaper glossary (Volume 1, Appendix B) at WP-G-10, a segment is a length of pipeline that has unique characteristics. A section of pipe can be made up of multiple segments.
- c) Yes.
- d) No, each project is broken down by segment.
- e) Original SMYS is MAOP divided by yield strength, expressed as a percentage.