

**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 TURN-SEU-03) SDG&E**

**DATA RECEIVED: 2-6-19**

**DATE RESPONDED: 2-21-19**

**FIRST SUPPLEMENTAL DATE RESPONDED: 3-1-19**

**SECOND SUPPLEMENTAL DATE RESPONDED: 3-6-19**

**QUESTION 2:**

Please provide the following figures on gas distribution mains and services for SDG&E at the end of the latest available year:

- a) Number of miles of steel distribution mains by size of pipe.
- b) Number of miles of steel services by size of pipe.
- c) Number of steel services by size of pipe.
- d) Number of miles of plastic distribution mains by size of pipe.
- e) Number of miles of plastic services by size of pipe.
- f) Number of plastic services by size of pipe.
- g) Number of miles of other distribution mains (e.g., cast iron) by size of pipe.
- h) Number of miles of other services by size of pipe.
- i) Number of other services by size of pipe.
- j) How many miles of gas main, divided into steel and plastic, are high pressure mains and how many are medium pressure mains?
- k) Please provide relevant Handy-Whitman price escalators for gas mains.
- l) If available, please provide a data base showing the number of miles and cost of gas distribution mains currently in service by size and type of pipe installed in each year.

**RESPONSE 2:**

See 2017 data below (data for 2018 is not available):

- a) Number of miles of steel distribution mains by size of pipe.

2. MILES OF MAINS IN SYSTEM AT END OF YEAR							
MATERIAL	UNKNOWN	2" OR LESS	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8" THRU 12"	OVER 12"	SYSTEM TOTALS
STEEL	0	2599	502	334	100	38	3573

**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 TURN-SEU-03) SDG&E**

**DATA RECEIVED: 2-6-19**

**DATE RESPONDED: 2-21-19**

**FIRST SUPPLEMENTAL DATE RESPONDED: 3-1-19**

**SECOND SUPPLEMENTAL DATE RESPONDED: 3-6-19**

b) Number of miles of steel services by size of pipe.

<b>Number of MILES of services at end of year 2017</b>							
Material	Unknown	1" or Less	Over 1" thru 2"	Over 2" thru 4"	Over 4" thru 8"	Over 8"	Total
Steel	0	3518	47	1	--	0	3566

c) Number of steel services by size of pipe.

<b>3.NUMBER OF SERVICES IN SYSTEM AT END OF YEAR</b>						<b>AVERAGE SERVICE LENGTH: 70</b>	
MATERIAL	UNKNOWN	1" OR LESS	OVER 1" THRU 2"	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8"	SYSTEM TOTALS
STEEL	0	265350	3571	69	1	0	268991

d) Number of miles of plastic distribution mains by size of pipe.

<b>2.MILES OF MAINS IN SYSTEM AT END OF YEAR</b>							
MATERIAL	UNKNOWN	2" OR LESS	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8" THRU 12"	OVER 12"	SYSTEM TOTALS
PLASTIC PE	0	3400	1051	74	0	0	4525

e) Number of miles of plastic services by size of pipe.

<b>Number of MILES of services at end of year 2017</b>							
Material	Unknown	1" or Less	Over 1" thru 2"	Over 2" thru 4"	Over 4" thru 8"	Over 8"	Total
Plastic	0	4742	202	2	--	0	4946

f) Number of plastic services by size of pipe.

<b>3.NUMBER OF SERVICES IN SYSTEM AT END OF YEAR</b>						<b>AVERAGE SERVICE LENGTH: 70</b>	
MATERIAL	UNKNOWN	1" OR LESS	OVER 1" THRU 2"	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8"	SYSTEM TOTALS
PLASTIC PE	0	357704	15229	116	5	0	373054

**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 TURN-SEU-03) SDG&E

DATA RECEIVED: 2-6-19

DATE RESPONDED: 2-21-19

FIRST SUPPLEMENTAL DATE RESPONDED: 3-1-19

SECOND SUPPLEMENTAL DATE RESPONDED: 3-6-19

g) Number of miles of other distribution mains (e.g., cast iron) by size of pipe.

None

h) Number of miles of other services by size of pipe.

None

i) Number of other services by size of pipe.

None

j) The number of miles of gas main, divided into steel and plastic and separated by high pressure mains and medium pressure mains are presented below: (This data was derived from our GIS Mapping database).

Material	Miles of Medium Pressure Mains	Miles of High Pressure Mains
Steel	3577	381
Plastic	4690	0

Notes:

1/ Count is through the end of 2018

2/ Does not include Transmission pipelines

k) Response previously provided.

l) If available, please provide a data base showing the number of miles and cost of gas distribution mains currently in service by size and type of pipe installed in each year.

The total number (all sizes) of miles of mains by decade as of year-end 2017 is shown below. Totals by size and associated costs for these totals by decade are not available:

4. MILES OF MAIN BY DECADE OF INSTALLATION											
	UNKNOWN	PRE-1940	1940-1949	1950-1959	1960-1969	1970-1979	1980-1989	1990-1999	2000-2009	2010-2019	TOTAL
MILES OF MAIN	0	185	274	1153	1104	1478	1551	1045	1011	297	8098

**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 TURN-SEU-03) SDG&E**

**DATA RECEIVED: 2-6-19**

**DATE RESPONDED: 2-21-19**

**FIRST SUPPLEMENTAL DATE RESPONDED: 3-1-19**

**SECOND SUPPLEMENTAL DATE RESPONDED: 3-6-19**

---

**QUESTION 11:**

Provide the following information monthly from 2015 through the latest available month in 2018 for SDG&E:

- a) Number of gas meters read manually (a) because an AMI meter was not installed yet; (b) due to AMI opt-out; and (c) due to other reasons.
- b) Number of meter readers (full-time equivalent – gas and electric).
- c) Costs booked to FERC Account 902, divided into electric and gas and further divided into labor and non-labor, and divided into any FERC sub-accounts used by SDG&E if applicable. If SDG&E uses any sub-accounts, provide a definition of each sub-account.

**RESPONSE 11:**

- a) Please see the attachment produced in response to this question. SDG&E implemented Advanced Metering Infrastructure (AMI) and since that implementation SDG&E no longer has a Meter Reader classification. The number of manual meter reads shown in the tables in the attachment represent reads by a combination of resources in Advanced Meter Operations (AMO) (e.g., Electric Meter Testers and Single-phase Meter Testers) as well as Customer Service – Field (CSF) (e.g., Meter Service Person, Service Technician, Relief Appliance Mechanic, Appliance Mechanic, and Collectors).
- b) Please see the attachment produced in response to this question. SDG&E no longer has a Meter Reader classification. The number of FTEs shown in the tables in the attachment represent a variety of resources within the AMO and CSF organizations in addition to other job duties as assigned.
- c) Please see the attachment produced in response to this question. The dollars represent direct costs only, exclusive of indirect costs (e.g., overheads), such that the costs will not match SDG&E's FERC Form 1 or Form 2 annual reports, or the TCAP workpapers (Chapter 10) for FERC Account 902.