

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

**ORDER INSTITUTING RULEMAKING TO ESTABLISH POLICIES, PROCESSES AND
RULES TO ENSURE SAFE AND RELIABLE GAS SYSTEMS IN CALIFORNIA AND
PERFORM LONG-TERM GAS SYSTEM PLANNING**

(R.20-01-007)

(2nd DATA REQUEST FROM SOUTHERN CALIFORNIA GENERATION COALITION)

**DATA RECEIVED: 5-22-20
DATE RESPONDED: 6-9-20**

QUESTION 2.1:

Reference: the 2018 California Gas Report (“CGR”) forecasts requirements for Southern California Gas Company by end-use for 2020, 2025, and 2030 (among other years) on a cold temperature year (1-in-35 cold year event) and dry hydro year. See CGR Tables 3-SCG and 4-SCG.

2.1.1. Using the same forecast that was prepared for the 2018 California Gas Report, please provide the forecast requirements for Southern California Gas Company by end-use for 2020, 2025, and 2030 on a cold temperature year (1-in-10 cold year event) and dry hydro year basis.

RESPONSE 2.1:

SoCalGas objects to this request to the extent it seeks to have SoCalGas create new information and/or analysis that did not previously exist. Notwithstanding such objection and subject thereto, SoCalGas responds as follows: Requested data are provided in the attached Excel file.



CGR 2018 - 1-in-10
Cold - Dry Hydro.xls:

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QUESTION 2.2:

Referring to Table 1 from SoCalGas' Summer 2020 Technical Assessment, which is reproduced here for convenience:

Table 1. "Best Case" Available Flowing Pipeline Supplies

Receipt Point	Capacity/Supply (MMcfd)	Details
North Needles	400	Reduced receipt capacity due to Line 3000 temporary pressure reduction and operating pressures of Line 235-2 and Line 4000.
Topock	300	
Kramer Junction	550	Limited to firm receipt capacity due to supply from North Needles and Topock.
Blythe	980	Reduced receipt capacity due to loss of pipeline on Southern System.
Otay Mesa	150	Expected level of supply available due to EG demand in Mexico.
Wheeler Ridge & Kern River Station	765	
California Production	70	Current level of local California production.
Total	3,215	
Assume 90% pipeline utilization	2,901	

- 2.2.1. With respect to the capacity/supply identified for North Needles and Topock, does SoCalGas/SDG&E expect that the delivery capacity will increase for those two points at some time in the future?
- 2.2.2. If the answer to the previous question is "yes," does SoCalGas/SDG&E expect that the lines would be returned to their original design capacity or have factors emerged that lead SoCalGas/SDG&E to conclude that the capacity would be reduced below the original design capacity of those receipt points?

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- 2.2.3. Please provide the current capacity on Lines 235-2 and 4000 downstream from the Newberry compressor station.
- 2.2.4. If the answer to the previous question is “440 MMcfd,” will the capacity on Lines 235-2 and 4000 downstream from the Newberry compressor station be raised to 700 MMcfd, which is the sum of 400 MMcfd capacity at North Needles and the 300 capacity at Topock according to the SoCalGas’ Summer 2020 Technical Assessment? If so, when will the capacity be increased to 700 MMcfd? I
- 2.2.5. Does the statement in the details about Blythe, “Reduced receipt capacity due to loss of pipeline on Southern System,” refer to the loss of the right-of-way for Line 2000 through the Morongo Reservation?
- 2.2.6. If the answer to the previous question is “no,” please describe in detail the loss of pipeline on the Southern System that is referenced and explain the impact of the loss of the right-of-way for Line 2000 through the Morongo Reservation.
- 2.2.7. With respect to the capacity/supply identified for Otay Mesa, if sufficient gas supply is available, can 400 MMcf/d be delivered into the SoCalGas/SDG&E system at Otay Mesa?
- 2.2.8. If factors other than gas supply limit the receipt capacity at Otay Mesa below 400 MMcf/d, please identify each of those limiting factors and the associated reduction in receipt point capacity that is associated with each limiting factor.

RESPONSE 2.2:

- 2.2.1. Table 1 and 2 in SoCalGas’ Summer 2020 Technical Assessment represent the potential receipt point capacity for the 2020 summer assessment only. SoCalGas expects the pipelines could operate anywhere between the “Best” case in Table 1 and “Worst” case in Table 2 this summer. However, there are no construction plans currently in place for Lines 235-2 and 4000 that will allow restoration to full capacity, so an estimated date for returning those lines to service at higher pressures is not

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available at this time.

2.2.2. Please refer to Response 2.2.1.

2.2.3. The current capacity for the Needles/Topock Area Zone as of this data request response dated 6/9/2020, and as posted on SoCalGas' electronic bulletin board ENVOY (postings provided below) is 270 MMcfd, attributed entirely to Line 4000 downstream of the Newberry compressor station with L235-2 out of service for remediation.

https://scgenvoy.sempa.com/ebb/attachments/1591049427684_SYSIMPT.pdf

2.2.4. N/A

2.2.5. Yes.

2.2.6. N/A

2.2.7. Yes, subject to Southern Zone seasonal load conditions as posted in ENVOY.

2.2.8. Please refer to Response 2.2.7.

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QUESTION 2.3:

Referring to Table 2 from SoCalGas’ Summer 2020 Technical Assessment, which is reproduced here for convenience:

Table 2. “Worst Case” Available Flowing Pipeline Supplies

Receipt Point	Capacity/Supply (MMcfd)	Details
North Needles	0	No receipt capacity due to Line 235 and Line 4000 outages.
Topock	0	
Kramer Junction	700	Increased receipt capacity due to lost receipt capacity at North Needles and Topock
Blythe	765	Reduced receipt capacity due to loss of pipeline on Southern System and Line 2001 outage due to remediation.
Otay Mesa	0	No receipt due to EG demand in Mexico.
Wheeler Ridge & Kern River Station	765	
California Production	70	Current level of local California production.
Total	2,300	
Assume 95% pipeline utilization	2,189	

- 2.3.1. Please describe in detail the “Line 2001 outage due to remediation” that is stated regarding Blythe.
- 2.3.2. Is the statement “Line 2001 outage due to remediation” referring to PSEP work on Line 2001 that has already been identified by SoCalGas/SDG&E in their Test Year GRC?
- 2.3.3. Is the capacity loss associated with this remediation responsible equal to 215 MMcf/d (980 MMcf/d – 765 MMcf/d) or some other amount?
- 2.3.4. If the capacity loss referred to in the previous question is “some other amount,” please state the amount.

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RESPONSE 2.3:

2.3.1. Line 2001 may be out of service for remediation pending in-line inspection results currently planned for mid-summer.

https://scgenvoy.sempa.com/ebb/attachments/1591049427684_SYSIMPT.pdf

2.3.2. No, although a failed pressure test may also result in a protracted outage of Line 2001 through the summer season.

2.3.3. Yes, if required for remediation.

2.3.4. N/A