

**SAN DIEGO GAS & ELECTRIC COMPANY
SOUTHERN CALIFORNIA GAS COMPANY
NORTH-SOUTH PROJECT REVENUE REQUIREMENT
(A.13-12-013)**

(25th DATA REQUEST FROM SOUTHERN CALIFORNIA GENERATION COALITION)

QUESTION 25.1:

25.1. At page 6 of the Updated Direct Testimony of David M. Bisi, Exhibit SCG-6 at page 6, Mr. Bisi states: “The Southern System can receive additional supplies from other pipelines within the SoCalGas transmission system by the use of two valve stations located along each of the two high-pressure pipelines extending westward from Moreno Station. These two valve stations are Chino and Prado Stations near the cities of Chino and Corona, respectively.”

25.1.1. Please define “valve stations.”

25.1.2. Please identify the high-pressure pipeline extending westward from Moreno Station on which the Chino valve station is located.

25.1.3. Please identify the high-pressure pipeline extending westward from Moreno Station on which the Prado valve station is located.

25.1.4. Please identify any high-pressure pipelines that interconnect at the Chino valve station with the high-pressure pipeline extending westward from Moreno Station.

25.1.5. Please identify any high-pressure pipelines that interconnect at the Prado valve station with the high-pressure pipeline extending westward from Moreno Station.

RESPONSE 25.1:

25.1.1 “Valve stations” in this context refers to a pipeline interconnect consisting of valves, controls, and piping.

25.1.2 SoCalGas objects to this question on the grounds that it seeks confidential system information. It would potentially compromise security and public safety to make this information public.

25.1.3 Please refer to Response 25.1.2 of this data request.

25.1.4 Please refer to Response 25.1.2 of this data request.

25.1.5 Please refer to Response 25.1.2 of this data request.

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QUESTION 25.2:

- 25.2 On page 6 of the Bisi Direct, Exhibit SCG-6, Mr. Bisi states: "Supplies from Chino and Prado Stations can flow both westward to the Los Angeles basin and eastward to Moreno Station."
- 25.2.1 Please identify the volume of gas that flowed westward to the Los Angeles basin and the volume of gas that flow eastward to Moreno Station from the Chino valve station on July 1, 2015.
- 25.2.2 Please identify the volume of gas that flowed westward to the Los Angeles basin and the volume of gas that flowed eastward to Moreno Station on July 1, 2015.
- 25.2.3 What is the maximum hourly flow and the maximum daily flow that is possible eastward from the Chino valve station and the Moreno Station?
- 25.2.4 What is the maximum hourly flow and the maximum daily flow that is possible eastward from the Prado valve station and the Moreno Station?

RESPONSE 25.2:

- 25.2.1 A total of 70 MMcf was transported through the Chino crossover to the Southern System on July 1, 2015, however SoCalGas lacks measurement capability to determine how much of this supply went west towards Puente Station or east towards Moreno Station.
- 25.2.2 SoCalGas assumes this question is in regards to the Prado crossover/valve station. A total of 1 MMcf was transported through the Prado crossover to the Southern System on July 1, 2015, however SoCalGas lacks measurement capability to determine how much of this supply went west towards Brea Station or east towards Moreno Station.
- 25.2.3 SoCalGas objects to this question on the grounds that it seeks confidential system information. It would potentially compromise security and public safety to make this information public.
- 25.2.4 Please refer to response 25.2.3 of this data request.

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QUESTION 25.3:

25.3 Please see SCGC Data Request Questions 2.4 and SoCalGas/SDG&E Response 2.4 as follows:

QUESTIONS 2.4:

2.4 With respect to the testimony on page 6, lines 16-20:

24.4.1 At the current time, can gas from Honor Rancho flow eastward through Chino or Prado valve stations?

24.4.2 If the answer to previous question is “no,” please explain why it is “no.”

24.4.3 How does the proposed project change the physical circumstances and allow gas to from Honor Rancho?

RESPONSE 2.4:

2.4.1 No.

2.4.2 Gas withdrawn from the Honor Rancho storage field must travel long distance to the Chino and Prado crossovers for delivery to the Southern System, and is used by customers upstream of the crossovers, in the San Joaquin Valley, in the Los Angeles Basin, or along the coast. Gas supply transported to the Southern System via the Chino and Prado crossovers is comprised of supplies delivered to the Northern Transmission System at North Needles, South Needles, and Kramer Junction.

2.4.3 The North-South Pipeline provides a more direct interconnection with the Southern System and the SDG&E demand center at Moreno Pressure Limiting Station (PLS), and the rebuilt Adelanto Compressor Station will boost the pressure such that it is delivered to Moreno at an adequate level for operations.

25.3.1 Are the points that are identified in Data Response 2.4.2 as “the Chino and Prado crossovers,” the same as the Chino and Prado valve stations identified by Mr. Bisi in Exhibit SCG-6?

25.3.2 Please identify the pipelines that “crossover” at the “Chino crossover.”

25.3.3 Please identify the pipelines that “crossover” at the “Prado crossover.”

25.3.4 Is the “Moreno Pressure Limiting Station (PLS)” identified in Data Response 2.4.3 the same as the Moreno Compressor Station and the “Moreno Station” identified by Mr. Bisi in Exhibit SCG-6, page 6?

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- 25.3.5 If the answer to the previous question is “no,” please explain how the “Moreno Pressure Limiting Station,” the Moreno Compressor Station, and the “Moreno Station” are different from each other.
- 25.3.6 Please explain why the Moreno Pressure Limiting Station that is referenced in Response 2.4.3 is called the “SDG&E demand center” in Response 2.4.3.
- 25.3.7 Regarding the statement in Response 2.4.3. that “Gas supply transported to the Southern System via the Chino and Prado crossovers is comprised of supplies delivered to the Northern Transmission System at North Needles, South Needles, and Kramer Junction,”
- 25.3.8 Please identify in sequence the pipeline(s) used to transport the supply from North Needles to Chino and Prado,
- 25.3.9 Please identify in sequence the pipeline(s) used to deliver supplies from South Needles to Chino and Prado, and
- 25.3.10 Please identify in sequence the pipeline(s) used to deliver supplies from Kramer Junction to Chino and Prado.
- 25.3.11 Please provide the diameters and maximum capacity of each of the pipelines identified in response to the sub-questions in Question 25/3/7 above.

RESPONSE 25.3:

- 25.3.1 Yes.
- 25.3.2 Please refer to response 25.1.4 of this data request.
- 25.3.3 Please refer to response 25.1.5 of this data request.
- 25.3.4 “Moreno Pressure Limiting Station (PLS)” correlates to “Moreno Station” in Exhibit SCG-6.
- 25.3.5 The Moreno Compressor Station is located south of the Moreno Pressure Limiting Station as shown in Figure 1 of the Updated Direct Testimony of David M. Bisi submitted in this proceeding.
- 25.3.6 The SDG&E system is supplied from the Rainbow Corridor pipelines, which begin at Moreno Station.
- 25.3.7 N/A
- 25.3.8 SoCalGas objects to this question regarding providing pipeline numbers in sequence on the grounds that it seeks confidential system information. It would potentially compromise security and public safety to make information regarding the pipeline numbers in sequence public. That information along with Figure 1 in the Updated

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Direct Testimony of David M. Bisi in A.13-12-013 will provide more information about the SoCalGas transmission system than our policies allow to be made public for safety and security reasons. Without waiving these objections, SoCalGas responds as follows: Lines 4002, 235, 1185, and 4000 transport supplies from North Needles to Chino and Prado.

- 25.3.9 SoCalGas objects to this question regarding providing pipeline numbers in sequence on the grounds that it seeks confidential system information. It would potentially compromise security and public safety to make information regarding the pipeline numbers in sequence public. That information along with Figure 1 in the Updated Direct Testimony of David M. Bisi in A.13-12-013 will provide more information about the SoCalGas transmission system than our policies allow to be made public for safety and security reasons. Without waiving these objections, SoCalGas responds as follows: Lines 4002, 1185, 3000, and 4000 transport supplies from South Needles to Chino and Prado.
- 25.3.10 SoCalGas objects to this question regarding providing pipeline numbers in sequence on the grounds that it seeks confidential system information. It would potentially compromise security and public safety to make information regarding the pipeline numbers in sequence public. That information along with Figure 1 in the Updated Direct Testimony of David M. Bisi in A.13-12-013 will provide more information about the SoCalGas transmission system than our policies allow to be made public for safety and security reasons. Without waiving these objections, SoCalGas responds as follows: Lines 4002, 235, 1185, 3000, 6905, and 4000 transport supplies from Kramer Junction to Chino and Prado.
- 25.3.11 SoCalGas objects to this question on the grounds that it seeks confidential system information. It would potentially compromise security and public safety to make this information public.

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QUESTION 25.4:

25.4 Please see SCGC Data Request Questions 6.1 and SoCalGas/SDG&E Response 6.1 as follows:

QUESTION 6.1:

- 6.1. With respect to SoCalGas' response to SCGC-02, Question 2.4.2:
 - 6.1.1. Please describe the path that gas withdrawn from Honor Rancho would have to take in order to reach the Chino and Prado crossovers and ultimately Moreno Station.
 - 6.1.2. Please estimate the distance associated with the path described in the answer to the previous question.
 - 6.1.3. Assuming the North-South Pipeline were in operation, please estimate the distance that Honor Rancho gas would have to travel to reach Moreno Station.
 - 6.1.4. If the North-South Pipeline were in operation, would Honor Rancho gas still be "used by customers upstream of the crossovers, in the San Joaquin Valley, in the Los Angeles Basin, or along the coast"?

RESPONSE 6.1:

- 6.1.1. SoCalGas and SDG&E object to this question on the grounds that it requests confidential and proprietary system information. It would create a risk to public safety to make this information public. Without waiving these objections, SoCalGas and SDG&E respond as follows: Gas withdrawn from Honor Rancho for delivery to Moreno Station via the Chino and Prado crossover stations would utilize Transmission Lines 2000, 225, 4000, 1185, 235, 4002, 335, and 2001.
 - 6.1.2. The distance is approximately 160 miles.
 - 6.1.3. The distance is approximately 130 miles.
 - 6.1.4. Yes.
 - 6.1.5. N/A
- 25.4.1 Is the "Moreno Station" identified in Response 6.1.1 the same as the "Moreno Pressure Limiting Station" and the Moreno Compressor Station?
- 25.4.2 If the "Moreno Station" identified in Response 6.1.1 different from the Moreno Pressure Limiting Station or the Moreno Compressor Station, please identify the difference in location and in function.

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- 25.4.3 If the transmission lines identified in Response 6.1.1 were listed in the correct sequence running from the Honor Rancho Storage Field to the Chino and Prado crossover stations, what would the sequence?
- 25.4.4 Would Line 5000 also be used to transport gas from the Chino crossover to the Moreno Station?
- 25.4.5 Please identify the diameters and capacities of the pipelines identified in response to Questions 25.4.3 and 25.4.4.
- 25.4.6 What is the maximum hourly and maximum daily volume that can be delivered from Adelanto Compressor Station to the Chino valve station across Lines 1185, 4000, and 4002 currently?
- 25.4.7 What would be the maximum hourly and maximum daily volume that could be delivered from Adelanto Compressor Station to the Chino valve station across Lines 1185, 4000, and 4002 if the Adelanto Compressor Station were upgraded as proposed in this proceeding without the construction of the North-South Pipeline?
- 25.4.8 How would your answers to Questions 25.4.6 and 25.4.7 change if Line 2001 were completely looped by Line 5000 between the Chino valve station and the Moreno Station?

RESPONSE 25.4:

- 25.4.1 “Moreno Station” in Response 6.1.1 of the cited data request refers to the “Moreno Pressure Limiting Station”.
- 25.4.2 Please refer to response 25.3.5 of this data request.
- 25.4.3 SoCalGas objects to this question on the grounds that it seeks confidential system information. It would potentially compromise security and public safety to make this information public.
- 25.4.4 Yes.
- 25.4.5 Please refer to response 25.4.3 of this data request.
- 25.4.6 Please refer to response 25.4.3 of this data request.
- 25.4.7 An upgraded Adelanto compressor station would be unnecessary without the pipeline between Adelanto and Moreno proposed in our application.
- 25.4.8 Our responses would not change.

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QUESTION 25.5:

25.5 Please identify the diameters of Line 6900, Line 1027, and Line 1028 between the Moreno Compressor Station and the Rainbow Compressor Station.

25.5.1 Do Line 6900, Line 1027, and Line 1028 between the Moreno Compressor Station and the Rainbow Compressor Station constitute the “Rainbow Corridor?”

25.5.2 What is the maximum capacity of the “Rainbow Corridor” pipelines?

RESPONSE 25.5:

25.5 SoCalGas objects to this question on the grounds that it seeks confidential system information. It would potentially compromise security and public safety to make this information public.

25.5.1 Yes.

25.5.2 The current capacity of the Rainbow Corridor is 760 MMcfd in the winter operating season and 740 MMcfd in the summer.