

February 19, 2018

The California Public Utilities Commission, Energy Division was notified by Southern California Gas Company that a withdrawal from Aliso Canyon occurred. Further information is attached. Withdrawal of gas from Aliso Canyon began at approximately 7:36 PM on February 19, 2018 and ceased at approximately 11:49 AM on February 20, 2018.

SOUTHERN CALIFORNIA GAS COMPANY
ALISO CANYON WITHDRAWAL PROTOCOL (11-2-17)
SOCALGAS RESPONSE TO CPUC-ENERGY DIVISION
DATED FEBRUARY 21, 2018

PUBLIC VERSION

DATA REQUESTS

Question 1:

Pursuant to the Aliso Canyon Withdrawal Protocol dated November 2, 2017, SoCalGas shall within 24 hours of cessation of a withdrawal from Aliso Canyon, provide the Energy Division of the CPUC:

- a. the total and hourly withdrawals from the field;
- b. the number of wells used for making withdrawals and the SoCalGas identifier for each well used;
- c. the pre- and post-withdrawal Aliso working gas inventory;
- d. the hourly pipeline receipts for the calendar day(s) on which a withdrawal was made and the day immediately preceding the withdrawal;
- e. the hourly withdrawals by field from non-Aliso storage facilities for the calendar day(s) on which a withdrawal was made and the day immediately preceding the withdrawal;
- f. information concerning any anomalies experienced during the operation of the field;
- g. any repairs or mitigation required as a result of the withdrawal, including the time necessary to make them before another withdrawal could be made and the impact on the field's injection and withdrawal capacity;
- h. whether the withdrawal was made under conditions identified in 1.B.

Response 1:

SoCalGas provides the following response with respect to the withdrawal of gas from Aliso Canyon that began at approximately 7:36 PM on February 19, 2018 and ceased at approximately 11:49 AM on February 20, 2018.

- a. The total withdrawal from the field was 0.43 Bcf. The hourly withdrawals from the field are provided below. Inventory volumes are based on Gas Control system data and are subject to adjustment based on SoCalGas' routine monthly reconciliation between real-time SCADA system data, and the measurement data recorded by our Measurement Data Operations (MDO) department. SoCalGas will update this response following the reconciliation process, if appropriate.

SOUTHERN CALIFORNIA GAS COMPANY
ALISO CANYON WITHDRAWAL PROTOCOL (11-2-17)
SOCALGAS RESPONSE TO CPUC-ENERGY DIVISION
DATED FEBRUARY 21, 2018

PUBLIC VERSION

Date / Time	Hourly Withdrawal (MMCF)
2/19/2018 19:00	
2/19/2018 20:00	
2/19/2018 21:00	
2/19/2018 22:00	
2/19/2018 23:00	
2/20/2018 0:00	
2/20/2018 1:00	
2/20/2018 2:00	
2/20/2018 3:00	REDACTED
2/20/2018 4:00	
2/20/2018 5:00	
2/20/2018 6:00	
2/20/2018 7:00	
2/20/2018 8:00	
2/20/2018 9:00	
2/20/2018 10:00	
2/20/2018 11:00	
2/20/2018 12:00	

- b. 42 wells were used for making withdrawals. Please see the attached spreadsheet.

REDACTED

- c. The pre- and post-withdrawal Aliso working gas inventory were 23.07 Bcf and 22.64 Bcf, respectively.

Inventory volumes are based on Gas Control system data and are subject to adjustment based on SoCalGas' routine monthly reconciliation between real-time SCADA system data, and the measurement data recorded by our Measurement Data Operations (MDO) department. SoCalGas will update this response following the reconciliation process, if appropriate.

- d. The hourly pipeline receipts for the calendar days on which a withdrawal was made and the calendar day immediately preceding the withdrawal, is provided in the attached spreadsheet.

SOUTHERN CALIFORNIA GAS COMPANY

ALISO CANYON WITHDRAWAL PROTOCOL (11-2-17)

**SOCALGAS RESPONSE TO CPUC-ENERGY DIVISION
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Pipeline receipt data is based on Gas Control system data and are subject to adjustment based on SoCalGas' routine monthly reconciliation between real-time SCADA system data, and the measurement data recorded by our Measurement Data Operations (MDO) department. SoCalGas will update this response following the reconciliation process, if appropriate.

REDACTED

- e. The hourly withdrawals by field from non-Aliso storage facilities for the calendar days on which a withdrawal was made and the calendar day immediately preceding the withdrawal are provided in the attached spreadsheet.

Inventory volumes are based on Gas Control system data and are subject to adjustment based on SoCalGas' routine monthly reconciliation between real-time SCADA system data, and the measurement data recorded by our Measurement Data Operations (MDO) department. SoCalGas will update this response following the reconciliation process, if appropriate.

REDACTED

- f. **REDACTED**

- g. **REDACTED**

- h. Yes.