

**February 21, 2018**

The California Public Utilities Commission, Energy Division was notified by Southern California Gas Company that a withdrawal from Aliso Canyon occurred. Withdrawal of gas from Aliso Canyon began at approximately 5:00 AM on February 21, 2018 and ceased at approximately 12:45 PM on February 21, 2018.

**SOUTHERN CALIFORNIA GAS COMPANY**  
**ALISO CANYON WITHDRAWAL PROTOCOL (11-2-17)**  
**SOCALGAS RESPONSE TO CPUC-ENERGY DIVISION**  
**DATED FEBRUARY 22, 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 5:00 AM on February 21, 2018 and ceased at approximately 12:45 PM on February 21, 2018.

- a. The total withdrawal from the field was 0.14 Bcf. The hourly withdrawals from the field are provided below. Inventory volumes are based on OSI Soft PI Historian and are subject to adjustment based on SoCalGas' routine monthly reconciliation between real-time SCADA system data, OSI Soft PI Historian, and the measurement data recorded by our Measurement Data Operations (MDO) department. SoCalGas will update this response following the reconciliation process, if appropriate.

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<b>Date / Time</b>	<b>Hourly Withdrawal (MMCF)</b>
2/21/2018 5:00	
2/21/2018 6:00	
2/21/2018 7:00	
2/21/2018 8:00	<b>REDACTED</b>
2/21/2018 9:00	
2/21/2018 10:00	
2/21/2018 11:00	
2/21/2018 12:00	
2/21/2018 13:00	

- b. 24 wells were used for making withdrawals. Please see the attached spreadsheet.

**REDACTED**

- c. The pre- and post-withdrawal Aliso working gas inventory were 22.701 Bcf and 22.554 Bcf, respectively.

Inventory volumes are based on OSISoft PI Historia and are subject to adjustment based on SoCalGas' routine monthly reconciliation between real-time SCADA system data, PI, 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.

**REDACTED**

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.

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- 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.

**REDACTED**

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

- f. **REDACTED**

- g. **REDACTED**

- h. No