

SOUTHERN CALIFORNIA GAS COMPANY
Monthly Aliso Canyon Withdrawal Report
Revised Response Dated January 19, 2021
Report Period Gas Day October 1, 2020 through Gas Day October 31, 2020
PUBLIC VERSION

Purpose

On July 23, 2019 the Energy Division of the California Public Utilities Commission (CPUC) issued a new Aliso Canyon Withdrawal Protocol (Withdrawal Protocol), replacing the Withdrawal Protocol that was issued on November 2, 2017.¹ The Withdrawal Protocol specifies the conditions when Southern California Gas Company (SoCalGas) may execute a withdrawal operation from the Aliso Canyon storage field. In addition, the Withdrawal Protocol contains certain noticing and reporting requirements, including the following:

In a monthly report to be provided on the third business day after each month in which withdrawals from Aliso Canyon occurred, SoCalGas shall provide the CPUC's Energy Division both a confidential and public report with a full description of the events and conditions leading up to the Aliso Canyon withdrawal(s). The report shall include:

1. the total and hourly withdrawals from the field;
2. the pre- and post-withdrawal Aliso Canyon working gas inventory;
3. the inventory of the non-Aliso fields before and after the Aliso Canyon withdrawal(s);
4. the geographical and/or the time price spread used in determining the OFO stages for the day(s) of the withdrawal(s) and the two days immediately preceding and following;
5. weather conditions in the SoCalGas service territory for the day(s) of the withdrawal(s) and the day immediately preceding the initiation of withdrawal(s);
6. the hourly pipeline receipts for the calendar day(s) on which a withdrawal was made and the day immediately preceding the initiation of withdrawal(s);
7. 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 initiation of withdrawal(s);
8. the hourly system sendout for the calendar day(s) on which a withdrawal was made and the day immediately preceding the initiation of withdrawal(s);
9. demand response activations and Dial It Down Alerts; and
10. information concerning any anomalies experienced during the operation of the field.

Pursuant to the Withdrawal Protocol, SoCalGas provides the following monthly report with respect to the withdrawals from Aliso Canyon that occurred from Gas Day October 1, 2020 through Gas Day October 31, 2020.²

¹ The Aliso Canyon Withdrawal Protocol dated July 23, 2019 was revised on April 1, 2020 to add two additional reporting requirements including reporting requirement 8. These changes did not alter the conditions under which SoCalGas may withdraw gas from Aliso Canyon.

² The report would include the gas day starting on the first day of the month and include the gas day that ends on the first day of the subsequent month. A gas day is from 7am to 7am the following day.

Summary

The table below provides the Aliso Canyon approximate withdrawal start times, withdrawal end times, and withdrawal volumes during October 2020.

Gas Day	Withdrawal Start	Withdrawal End	Withdrawal Volume in Billion Cubic Feet (Bcf)
10/01/2020	10/01/2020 1:26 PM PCT	10/01/2020 9:51 PM PCT	0.155 ³
10/06/2020	10/06/2020 12:31 PM PCT	10/06/2020 9:40 PM PCT	0.165

³ There was a total of 0.165 Bcf of withdrawal from Aliso Canyon on Gas Day 10/01/2020. 10 MMcf (0.01 Bcf) of withdrawal was used for cleanup flow testing.

1. Total and hourly withdrawals from the (Aliso Canyon) field

Total Withdrawal during Report Period:
Approximately 320 million cubic feet (MMcf)

Hourly Withdrawal during Report Period:

Date-Time	Aliso Canyon Withdrawal (MMcf)
10/1/2020 14:00	
10/1/2020 15:00	
10/1/2020 16:00	
10/1/2020 17:00	
10/1/2020 18:00	
10/1/2020 19:00	
10/1/2020 20:00	
10/1/2020 21:00	
10/1/2020 22:00	
10/6/2020 13:00	
10/6/2020 14:00	
10/6/2020 15:00	
10/6/2020 16:00	
10/6/2020 17:00	
10/6/2020 18:00	
10/6/2020 19:00	
10/6/2020 20:00	
10/6/2020 21:00	
10/6/2020 22:00	

2. Pre- and post-withdrawal Aliso Canyon working gas inventory⁴

The table below provides the approximate inventories of Aliso Canyon storage field, in billion cubic feet (Bcf), at the beginning and end of the withdrawal event(s).

Date-Time	Pre-Withdrawal Inventory (Bcf)	Date-Time	Post-Withdrawal Inventory (Bcf)
10/01/2020 7:00 AM	33.519	10/02/2020 7:00 AM	33.366
10/06/2020 7:00 AM	33.401	10/07/2020 7:00 AM	33.236 ⁵

3. Inventory of the non-Aliso Canyon fields before and after the Aliso Canyon withdrawal(s)⁶

The table below provides the approximate inventories of the non-Aliso Canyon storage fields, in Bcf, at the beginning and end of the withdrawal event(s).

Date-Time	Pre-Withdrawal Inventory (Bcf)			Date-Time	Post-Withdrawal Inventory (Bcf)		
	Honor Rancho	La Goleta	Playa Del Rey		Honor Rancho	La Goleta	Playa Del Rey
10/01/2020 7:00 AM				10/02/2020 7:00 AM			
10/06/2020 7:00 AM				10/07/2020 7:00 AM			

⁴ 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.

⁵ After receiving a data request from Energy Division, SoCalGas discovered that approximately 33 MMcf of Aliso Canyon withdrawal on Gas Day October 6, 2020 was not captured by SoCalGas' storage inventory database. Therefore, a post-withdrawal inventory of 33.236 Bcf is a more accurate figure compared to the 33.270 Bcf originally stated.

⁶ 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.

4. Geographical and/or the time price spread used in determining the OFO stages for the day(s) of the withdrawal(s) and the two days immediately preceding and following

The table below provides the geographical and time price spreads, in dollars per Dth (\$/Dth), for the day(s) of the withdrawal(s) and the two days immediately preceding and following.

Gas Day	Geographical Spread	Time Spread (next month)	Time Spread (two months ahead)
09/29/2020			
09/30/2020			
10/01/2020			
10/02/2020			
10/03/2020			
10/04/2020			
10/05/2020			
10/06/2020			
10/07/2020			
10/08/2020			

5. Weather conditions in the SoCalGas service territory for the day(s) of the withdrawal(s) and the day immediately preceding the initiation of withdrawal(s)

Gas Day	Avg. Temp. (deg F)	Heating Degree Day (HDD)
09/30/2020	81	0
10/01/2020	82	0
10/05/2020	76	0
10/06/2020	73	0

6. Hourly pipeline receipts (MMcf) for the calendar day(s) on which a withdrawal was made and the day immediately preceding the initiation of withdrawal(s)



Confidential_Receipts(Oct2020).xlsx

7. Hourly withdrawals by field (MMcf) from non-Aliso Canyon storage facilities for the calendar day(s) on which a withdrawal was made and the day immediately preceding the initiation of withdrawal(s)



Confidential_nonAlisoWithdrawals(Oct2020).xlsx

8. Hourly system sendout for the calendar day(s) on which a withdrawal was made and the day immediately preceding the initiation of withdrawal(s)



Confidential_Sendout(Oct2020).xlsx

9. Demand response activations and Dial It Down Alerts

SoCalGas did not declare any Smart Therm demand response events or issue any Dial-It-Down alerts in October 2020.

10. Information concerning any anomalies experienced during the operation of the field

No anomalies were identified during withdrawal operations.