



COMMUNITY AWARENESS

ALISO CANYON PROGRESS REPORT

Updated on December 12, 2016

Over the last year, SoCalGas® has made extensive physical upgrades and deployed advanced technologies to enhance safety at our Aliso Canyon natural gas storage facility (Aliso Canyon). These state-of-the-art enhancements strengthened the facility's infrastructure, introduced real-time pressure monitoring, and enabled improved communications with stakeholders. We have requested regulatory approval to resume injection operations at Aliso Canyon through approved wells to replenish the supply of natural gas at the facility to support the heating, cooking, and electricity needs of residents and businesses throughout Southern California.

COMPREHENSIVE WELL INSPECTIONS CONTINUE

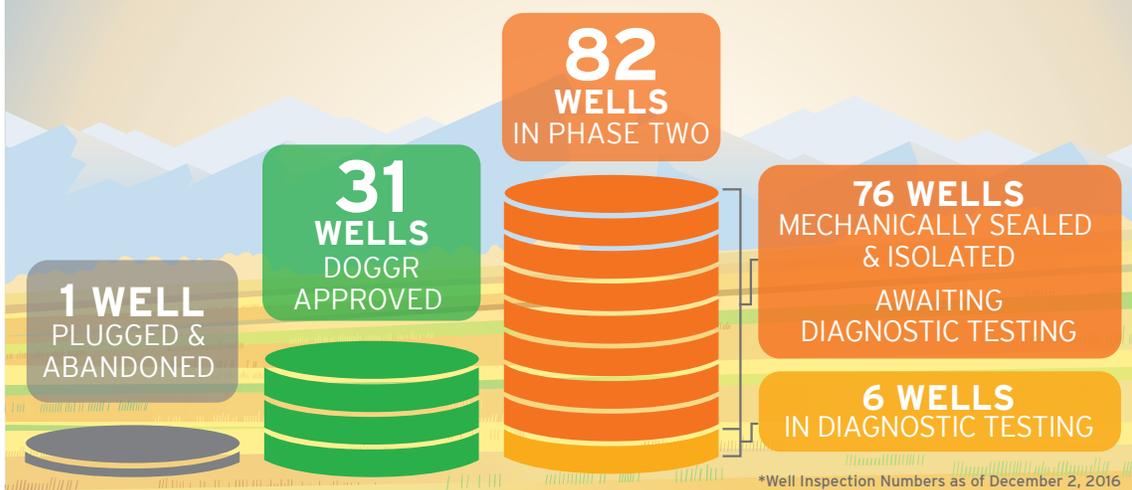
To date, 31 storage wells at the Aliso Canyon have passed all of the tests required under Department of Conservation's Division of Oil, Gas and Geothermal Resources (DOGGR)'s Comprehensive Safety Review. In compliance with the safety review, the remaining wells have been temporarily and mechanically sealed off from the storage reservoir.

DOGGR TIMELINE

On November 30, DOGGR issued an update on the timing of the public meeting that must be held before injections can resume at Aliso Canyon. DOGGR confirmed that it expects to complete the safety review and announce the schedule for the public meeting in early 2017. For further information or to sign up for updates, please visit the [DOGGR website](#).

SoCalGas continues to work with DOGGR, the California Public Utilities Commission (CPUC), and their experts as they complete the safety review of the facility. Aliso Canyon is critical to meeting the electricity, heating, and cooking needs of families, schools, hospitals, businesses, and other facilities critical to the region's health and economy.

INITIAL PHASE ONE TESTS ON **ALL 114 WELLS** HAVE BEEN COMPLETED



ALISO CANYON COMMUNITY ADVISORY COUNCIL UPDATE

To ensure we are providing information to the community effectively, we continue to partner with our new Aliso Canyon Community Advisory Council for guidance and insight on our outreach efforts as we focus on incorporating valuable feedback into our larger communications, including this Progress Report. To date, we have held two productive meetings, discussing new Fenceline methane monitoring technology and the [Aliso Canyon Gas and Electric Reliability Winter Action Plan](#). SoCalGas is committed to supporting the communities that it serves.

FREQUENTLY ASKED QUESTIONS

What safety enhancements has SoCalGas implemented at the facility?

Beyond the requirements of regulations and state law, SoCalGas made operations, technology, and safety enhancements at Aliso Canyon. These upgrades create multiple layers of safety and include:

- The inner metal tubing of every well approved for injection has been replaced. In total, more than 40 miles of new steel piping have been installed.
- A physical barrier, or casing, around the new inner metal tubing – tested to ensure integrity under pressure – will provide a secondary barrier of protection against potential leaks.
- Withdrawal and injection of natural gas now will occur only through newly installed inner metal tubing of wells that have passed all tests and have been approved for use by DOGGR.

In addition, a number of technology and safety enhancements and practices to improve monitoring have been introduced, including:

- An infrared fence-line methane detection system with eight pairs of infrared methane monitors;
- Around-the-clock pressure monitoring of all wells in a 24-hour operations center;
- Continued daily patrols to examine every well, which are conducted four times each day;
- Daily scanning of each well using sensitive infrared thermal imaging cameras that can detect leaks;
- Enhanced training for our employees and contractors.

Finally, at DOGGR's direction, SoCalGas will operate wells at a reduced pressure, increasing the margin of safety.

Why do we need natural gas if California is moving toward renewable energy?

More than 95 percent of homes in Southern California use natural gas for heating and hot water and approximately 60 percent of electricity in the region is generated using natural gas. Several critical facilities rely on our service to maintain public health, safety, and quality of life, including hospitals, transit agencies, fuel providers, food processors, and ports. In fact, we used natural gas from our Aliso Canyon storage facility 85 percent of the days last winter to meet the energy needs of our customers. In the absence of Aliso Canyon, our ability to meet the energy needs of all our customers is significantly reduced.

SIGN UP TO RECEIVE SOCALGAS NOTIFICATIONS

AIR QUALITY NOTIFICATIONS

Members of the community can now sign up to receive air quality notifications, via phone call, text message, and/or email, in the event of a release of natural gas at Aliso Canyon.

Visit socalgas.com/airqualitynotifications or call 1-800-427-2200 to sign up to receive Air Quality Notifications from SoCalGas

SOCALGAS ADVISORY

SoCalGas has developed a voluntary notification system called a SoCalGas Advisory. Every winter the demand for natural gas increases as we heat our homes and businesses. This winter, we are facing limited availability of natural gas locally. That's why we are asking all Southern Californians to work together to help conserve natural gas on certain days. If a SoCalGas Advisory is called, you can help by lowering your thermostat to 68 degrees, waiting a day to use major natural gas appliances and washing with cold water when possible. To sign up to receive a SoCalGas Advisory, visit socalgas.com/advisory or text "ADVISORY" to 39044.



LOWER



WAIT



WASH



**SOCALGAS®
ADVISORY**
A Call to Conserve
Natural Gas