



COMMUNITY AWARENESS

ALISO CANYON NATURAL GAS STORAGE FACILITY

MEETING THE REGION'S ENERGY NEEDS

Natural gas is the foundation of California's energy systems, providing a safe, clean, affordable, and reliable source of energy for homes, businesses, transportation, electric generation, and industrial processes. Today, more than 90 percent of residents use clean natural gas to heat their homes and water, and prefer it by a ratio of 4 to 1 over electricity for those uses. In addition, because about 60 percent of the state's electricity comes from natural gas power plants, this clean fuel is also used to keep the lights on 24/7.

At SoCalGas®, we're committed to delivering the affordable, reliable, safe, and clean natural gas that Southern Californians deserve, and local natural gas storage facilities, like Aliso Canyon Natural Gas Storage Facility (Aliso Canyon), play a critical role in maintaining the reliability of our natural gas and electricity systems. That's why we're working with State agencies to explore all available options to mitigate the risk of service interruptions and price volatility for our customers this winter. With its central location in the heart of the Santa Susanna Mountains, Aliso Canyon allows for quick and effective response to local, real-time energy demands, protecting families and consumers from energy shortages and sudden spikes in price. In addition, natural gas from local storage facilities, like Aliso Canyon, also supports renewable sources of energy, like solar and wind, serving as a critical safety net that supports the electric grid when the sun doesn't shine and the wind doesn't blow.

APPLYING INDUSTRY-LEADING SAFETY MEASURES

For nearly two years, we have been working with State agencies, assisted by leading experts, to conduct comprehensive well inspections, introduce new safety enhancements, and apply advanced monitoring technologies at each of our natural gas storage facilities. SoCalGas has taken proactive steps to ensure that our natural gas storage facilities not only meet, but exceed the rigorous standards set by state regulators.

Today, all storage wells at Aliso Canyon are undergoing the comprehensive battery of tests designed by state regulators and the National Labs, and we continue to work with the Division of Oil and Gas and Geothermal Resources (DOGGR) and the California Public Utilities Commission (CPUC). State energy experts have referred to these tests as the most comprehensive in the nation. Test results are submitted by SoCalGas on the first and third Friday of every month, reviewed by DOGGR staff, and then posted on conservation.ca.gov.

Other work at Aliso Canyon that has been completed includes:

- Replacing the inner steel tubing of every approved well;
- Using the casing around the new inner steel tubing – tested to ensure integrity under pressure – to provide a physical, secondary barrier of protection against potential leaks;
- Operating the facility at reduced pressure, as directed by CPUC; and



- Withdrawing and injecting natural gas only through the inner steel tubing of those wells that have passed all tests and have been approved for use by DOGGR.

In addition, we have introduced a suite of advanced leak-detection technologies and practices that allow for early detection of leaks and help to quickly identify anomalies, such as changes in well pressure. These enhancements include:

- An infrared fence-line methane detection system with eight pairs of infrared methane monitors;
- Around-the-clock monitoring of the pressure in all wells from our 24-hour operations center;
- Visual inspections of each well four times a day;
- Daily scanning of each wellhead and the surrounding surface area, using sensitive infrared thermal imaging cameras that can detect leaks; and
- Enhanced training for our employees and contractors.

WORKING WITH THE LOCAL COMMUNITY

Local Community Advisory Council

As part of our continuing commitment to serving communities in the San Fernando Valley, we continue to host monthly meetings of our Aliso Canyon Community Advisory Council to discuss our progress and operations at Aliso Canyon and to collect valuable feedback regarding the local community's needs and concerns. Over the course of this year, we have discussed everything from specific storage enhancements to California energy needs.

Community Notifications

SoCalGas has also been working to open new channels for more effective communications with communities near all of our natural gas storage facilities. Our community notification system is now available to members of the public who live and work near all four of our storage facilities. This communications system was built with significant input from the public and from members of our community advisory council. To learn more or to sign up to receive community notifications, visit socalgas.com/communitynotifications or call 1-800-427-2200.

Aliso Canyon Fence-line Methane Monitoring System

Earlier this year, we launched a new, interactive online tool that allows members of the public to view data from a network of methane monitors



that have been installed at Aliso Canyon. Eight pairs of monitors have been installed along the facility's border with the Porter Ranch community to record methane levels around-the-clock. The interactive web page displays a map indicating the general location of the fence-line methane monitoring devices. By clicking on any of the fence-line monitor icons, users can view a chart with data showing methane levels in a parts per million, recorded in five-minute increments over the previous 24 hours. To access the online tool, visit socalgas.com/alisoupdates and click on "Current Infrared Methane Monitoring Readings" on the right-hand rail.

For the latest news and information Aliso Canyon or to sign up for our community notifications, visit socalgas.com/alisoupdates.