

VENTURA COMPRESSOR STATION MODERNIZATION PROJECT

FEASIBILITY STUDY



THE IMPORTANCE OF THE MODERNIZATION PROJECT

The Ventura Compressor Station is an important part of SoCalGas' natural gas system, supplying energy to more than 250,000 residents on the Central Coast, including Ventura. Compressor stations are an integral part of the pipeline network because they help move natural gas over long distances to residential customers and essential agricultural and industrial customers.

At SoCalGas, our mission is to build the cleanest, safest, and most innovative energy company in America. One of the ways we are delivering on this mission is by modernizing our Ventura Compressor Station.

The existing compressor equipment needs to be modernized to meet our obligation to provide reliable service, as well as support continued energy resiliency for our communities. Because of this, the modernization project will involve replacing and modernizing our compressor units and other facility equipment.



ANALYSIS & PROCESS

SoCalGas conducted a Feasibility Study to evaluate a range of alternative locations and equipment configurations with a rigorous six-step process:

ANALYSIS PROCESS



ALTERNATE SITES CONSIDERED

SoCalGas hosted a series of town hall meetings in October 2021 to solicit feedback from the community. In addition to the alternatives suggested by the community, SoCalGas identified potential new locations and equipment configurations. Ten of the 17 alternatives that were initially identified meet the purpose, need, and most objectives of the project as well the essential site criteria. Five site locations were evaluated based on two scenarios – an all-gas configuration and a hybrid configuration that would include the installation of two electric and two natural gas compressors.



AVOCADO SITE

- Suggested by the community at our town halls in October
- 3,000 feet west of the compressor station property on the existing transmission pipeline corridor
- 15 acres and designated as open space and zoned for agriculture by the County of Ventura and is a part of the Save Open Space and Agricultural Resources (SOAR) initiative
- Currently used as an avocado farm



DEVIL'S CANYON ROAD

- Suggested by the community at our town halls in October
- 5,300 feet northwest of the compressor station and not located on the existing transmission pipeline corridor
- 12.88 acres and designated and zoned as open space and is a part of the SOAR initiative
- Currently used for oil extraction



COUNTY LINE

- Identified by SoCalGas
- 11 miles northwest of the compressor station property located within Ventura County at the Santa Barbara County line, generally on the existing transmission pipeline corridor
- 12.33 acres, and designated as open space and zoned for agriculture and is a part of the SOAR initiative
- Currently vacant and zoned for agriculture



VENTURA STEEL

- Identified by SoCalGas
- 7,000 feet north of the compressor station property to the east of North Ventura Avenue within the County of Ventura, not located on the existing transmission pipeline corridor
- 10 acres and currently designated, zoned and developed with industrial uses, including oil extraction

PREFERRED ALTERNATIVE

SoCalGas' preferred alternative is the hybrid configuration at the current compressor station site. This project would include the construction of a new compressor building and the installation of two new electric and two new natural gas compressors. A hybrid configuration of natural gas and electric technology would reduce NOx emissions beyond the reductions achieved from the use of best available control technology on an all-natural gas configuration. This alternative provides greater reliability benefits as compared to the alternative site locations due to project duration, greater air quality improvements and emissions reductions as compared to all-gas options, all while reducing the project cost burden to our customers



More information on the feasibility study and findings can be found at socalgas.com/Ventura