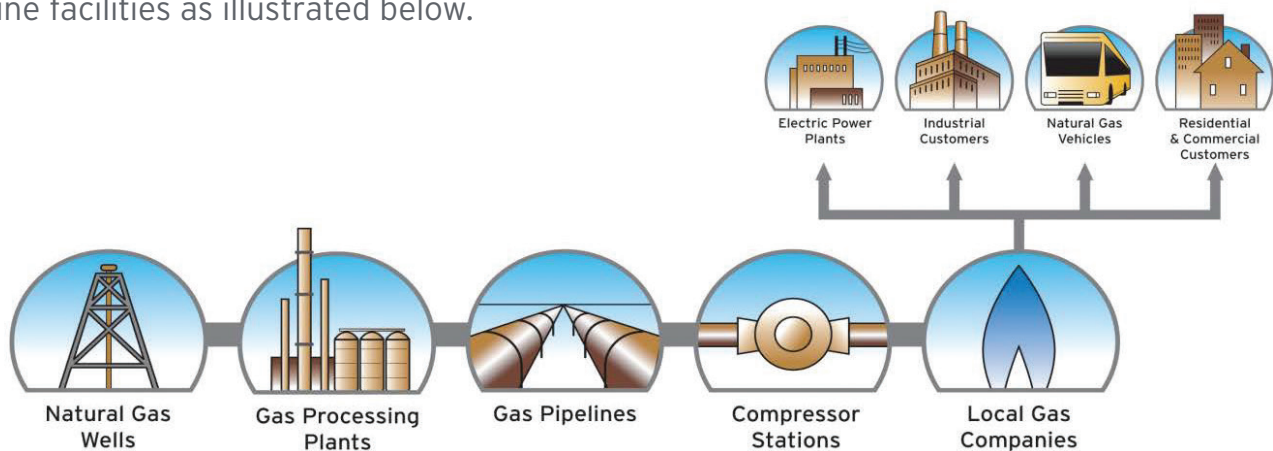


Southern California Gas Company (SoCalGas®) delivers about 2.8 billion cubic feet of natural gas a day to 20.9 million consumers connected through nearly 5.8 million meters for a wide variety of needs, ranging from cooking and space heating to electric generation. These natural gas deliveries are made possible through a complex network of pipelines and in-line facilities as illustrated below.



Most of the natural gas consumed by our customers comes from natural gas production fields in New Mexico, west Texas and Oklahoma, as well as in the Rocky Mountains and Canada. The remaining natural gas supply percentage is produced locally in Central and Southern California from onshore and offshore fields.

Typically, natural gas is gathered from individual production wells and then processed to remove liquids and other impurities to meet pipeline specifications. The natural gas is then transported to distribution systems throughout the U.S. by large, high-pressure transmission pipelines. Nearly all the natural gas in the U.S. is transported via pipelines.

## Moving Natural Gas into California

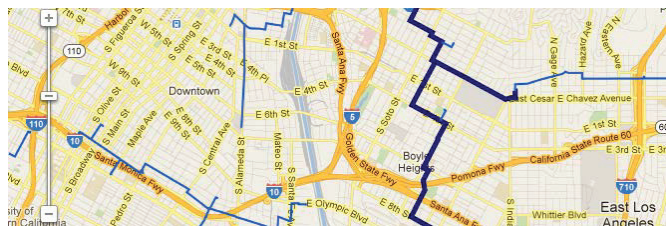
SoCalGas contracts for capacity on interstate pipelines to bring the natural gas from out-of-state producing regions into California. When natural gas enters Southern California, it moves into the more than 101,000-mile pipeline system that is owned, operated and maintained by SoCalGas.

Large, high-pressure transmission pipelines transport natural gas supplies from the California-Arizona border and other receipt locations in Central and Southern California to areas throughout the company's service territory. It then may be moved into underground storage, to be made available when it is needed,

*(Continued on back)*

or it may be moved into smaller, lower pressure mains that transport the natural gas around the region and directly to commercial or industrial customers. The natural gas is then moved into even smaller and lower pressure pipelines for delivery to homes and businesses throughout our service territory.

Information about your area pipeline can be obtained through the National Pipeline Mapping System: [www.npms.phmsa.dot.gov/](http://www.npms.phmsa.dot.gov/). The location of SoCalGas' high-pressure transmission and distribution pipelines can also be obtained at [socialgas.com](http://socialgas.com) (search "PIPELINE MAPS").



## Location and Design of Pipelines

When planning the construction of our pipelines and associated facilities, SoCalGas will work with the respective governing agencies to place them in rights-of-way along and under roadways to avoid existing and future development. It is an extensive process to install a pipeline. Once we identify a potential route for a pipeline, SoCalGas conduct a sound engineering analysis to identify any potential hazards along the

route, including active earthquake faults or high liquefaction susceptibility. This information will determine the strength of the pipe that is used and specific construction requirements for its installation.

SoCalGas deploy corrosion inhibiting measures at installation, such as pipe wrap and cathodic protection to prevent steel pipes from deteriorating. In addition to the engineering analysis, SoCalGas take the further safety precaution of pressure testing the pipeline prior to placing it in service to validate the engineering and fitness of the pipe. The test subjects the pipeline to a significantly greater pressure level than its operating pressure in order to validate its fitness for service.

## Operations and Maintenance

Once a pipeline is placed in service, the appropriate monitoring and surveillance activities take place as part of our ongoing commitment to safety. SoCalGas conduct leakage surveys and patrols of pipelines to identify potential leaks or problems. Whenever SoCalGas works on a pipeline, SoCalGas will look for potential problems and analyze samples of the pipe when appropriate. Also, in conformance with the Pipeline Safety Improvement Act of 2002, we are enhancing the safety of our transmission system through our Pipeline Integrity Management Program. Baseline integrity assessments began in 2003 and were completed in December 2012. SoCalGas plan to reassess those pipelines every seven years.



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