



Gas Operations “See Our Progress”

Gas Operations progress since 2011 demonstrate our commitment to becoming the safest, most reliable gas company in the country.



GAS ODOR RESPONSE TIMES

Average response time in minutes	33.3	20.4
Percent response within 60 minutes	94.4%	99.6%

2010	2017
33.3	20.4
94.4%	99.6%



SCADA VISIBILITY AND CONTROL POINTS

Transmission pressures and flows	1,300	2,841
Transmission Control Points	870	1,583
Distribution pressures and flows	290	2,785

1,300	2,841
870	1,583
290	2,785



LEAK BACKLOG

Open Grade 2 and 2+ leak indications	12,203	65
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12,203	65
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DIG-IN REDUCTION

Excavation damage/1,000 excavation tickets	3.5	1.89
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3.5	1.89
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GAS TRANSMISSION

Miles of pipeline replaced	9	>200
Miles of pipeline hydrotested	0	>1,090
Miles of pipeline made piggable	130	>850
Automated valves installed	0	291

2010	2011-17
9	>200
0	>1,090
130	>850
0	291



GAS DISTRIBUTION

Miles of main replaced ¹	27	>585
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27	>585
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SINCE 2011 PG&E HAS ALSO

Completed GPS survey for 100% of the accessible transmission pipeline system using highly precise mapping tools

Opened a state-of-the-art Gas Control Center in San Ramon, California

Opened its world-class Gas Safety Academy located in Winters, California

Opened the Center for Gas Safety and Innovation located in Dublin, California

Certifications received for gas operations:

- In 2014, PG&E became one of the first utilities ever to earn two of the highest internationally recognized asset management certifications—the International Organization for Standardization (ISO) 55001 and Publicly Available Specification (PAS) 55-1. Gas Operations was recertified for both of these standards in 2017.
- In 2015, PG&E became the first company in the U.S. to receive compliance for the industry standard on pipeline safety management system, the American Petroleum Institute Recommended Practice (API RP) 1173.
- In 2016, PG&E became the first utility to receive the chemical industry’s RC14001® management system standard. RC 14001 was developed as a standard issued through the American Chemistry Council for process safety; community communications; product safety; occupational safety, health, environmental and security practices.

¹In 2014 all known remaining cast-iron pipe was decommissioned.