

COLLABORATIVE NATURAL GAS PROGRAMS BENEFIT UTILITIES AND THEIR CUSTOMERS



MISSION

Identify, select, fund, and oversee research projects resulting in innovative solutions and the improved safety, reliability, and operational efficiency of natural gas systems.

GOALS

ENHANCE SAFETY

Develop new technologies to assess the integrity of transmission and distribution systems, evaluate system risk, and facilitate remediation activities in the effort to enhance the safety of the natural gas pipeline infrastructure.

ENABLE OPERATIONAL EXCELLENCE

Develop and validate new work methods, tools, techniques, and data collection methodologies to create operating efficiencies and provide the means for utilities to meet and exceed regulatory mandates.

MINIMIZE ENVIRONMENTAL IMPACT

Create solutions to quantify and mitigate environmental impacts from natural gas operations.

PROVIDE GOOD SCIENCE

Develop independent, unbiased, technically substantiated information to serve as the foundation for sound operational, risk, and regulatory decisions.



HOW WE DO IT

- Develop and validate the performance of new technologies with industry and regulators
- Adapt commercial technologies to fit the specific needs of the natural gas industry
- Introduce advanced gas construction, maintenance, and data management technologies to the marketplace through technology evaluations, lab testing, and field demonstrations—all important steps to reach commercial viability
- Develop software and hardware tools, information, and data sets to facilitate optimum asset and risk management
- Leverage deep technical expertise and industry knowledge to help solve the industry's most challenging problems