FOR OUR WORLD

As society’s demand for energy continues to grow, that energy needs to be produced responsibly, delivered safely, and used efficiently. This requires the innovation solutions that Gas Technology Institute (GTI) is delivering. Our technologies help to address environmental concerns and bring affordable, clean resources to fruition.

FOR OUR COUNTRY

Modernizing U.S. energy infrastructure and maximizing the use of U.S. resources will reduce energy costs for American citizens, create jobs, increase our country’s economic competitiveness, and enhance our energy independence. GTI is hard at work every day developing a diverse portfolio of technologies to ensure affordable fuel and power from all of our nation’s energy resources.

FOR OUR CUSTOMERS

GTI is working closely with partners to deliver relevant products and services, and commercialize new technologies that help our customers succeed. We leverage our expertise to reduce market and technology risks, optimize operational efficiency, lower costs, enhance safety, and increase the adoption of energy efficient equipment and appliances.

FOR OUR EMPLOYEES

For over 7½ decades, GTI has developed high-impact technologies, technical insight, and training. Our organization offers plentiful opportunities for the best and the brightest energy professionals to deliver economically viable results and make meaningful contributions to the health of our planet. We foster a stimulating environment for smart, innovative scientists and engineers and savvy businesspeople.
GTI experienced a year of unprecedented growth in 2016 as we celebrated our 75th anniversary as an enterprise. We exceeded our new business contracts goal, more than doubling what we set out to do. Including pending contracts, new awards across the energy value chain totaled $201 million for the year. And for the first time since the Institute of Gas Technology (IGT) and Gas Research Institute (GRI) came together in 2000 to form GTI, our revenue crested over $100 million.

Our engineers and scientists executed critical technical projects, performing safely in our laboratories and attaining record levels of customer satisfaction. Maintaining a safe work environment while creating value for our many customers remain our top priorities. We’re pleased with the results, but remain committed to improvement.

We anchored GTI’s presence in California with the addition of subsidiary BKi, an energy efficiency and alternative transportation services and consulting firm. In January 2017, we announced the acquisition of Frontier Associates, a Texas-based company that serves utilities with energy efficiency program management, engineering, consulting, and software solutions. Having a direct operating presence in these important energy consuming and producing states helps to ensure our offerings are responsive to changing local markets.

Our diverse project portfolio and clientele spans utilities, private companies, and government agencies across the energy value chain. We are proud to hear that nearly 100% of participants in a customer satisfaction survey indicated that GTI’s deliverables add value to the industry. GTI programs are growing in scale and scope, and they have the potential to change the trajectory of our nation’s energy future.

GTI inventors were awarded 20 patents from the United States Patent and Trademark Office, a high water mark in efforts to bring innovative ideas to the market. Our research team’s expertise—particularly technical skills and capabilities—is continually recognized as GTI’s greatest strength.

All in all, we made extraordinary progress and had an incredibly successful year in 2016. Maintaining a focus on crisp project execution and market impact will propel our growth in 2017, and make the future very bright for GTI.

David C. Carroll,  
President & CEO

Terry D. McCallister,  
Chairman of the Board
GTI is leading a high-profile program on Hydraulic Fracturing Test Sites (HFTS), collaborating with industry and government. This program could fundamentally change the hydraulic fracturing process, improve reservoir recovery rates, and eliminate the need for thousands of wells, which would provide a tremendous reduction in the environmental footprint of production.

The first test site (HFTS #1) was hosted at a Laredo Petroleum, Inc. Permian Basin field, where 400+ fracture stages were completed in 11 wells in the Wolfcamp formation of the Midland Basin. In 2016, three oil and gas majors provided additional funding to join the HFTS #1 project, bringing the total number of industry participants to 11. A one-of-a-kind through-fracture core was drilled through the hydraulic fractures, that, along with comprehensive data, is providing a first-ever look at how induced underground fractures spread. It is the most meaningful data set to date for unconventional oil and gas production.

GTI and BHP Billiton Petroleum (BHP) signed a letter of intent for HFTS #2 in west Texas. The experimental program will be funded through a joint industry project, similar to HFTS #1. Considerable interest has been expressed by operators and service companies.

A through-fracture core will characterize the stimulated reservoir volume (SRV) within the Wolfcamp formation to provide insight to the fracturing network and connectivity between fractures within and across horizontal wellbores. Well pattern and geological differences between the Delaware (HFTS #2) and Midland (HFTS #1) sites will provide unique information on parameters that affect the productivity of hydraulic fracture treatments.

*Photo courtesy of Laredo Petroleum*
New clean technology solutions can help position coal as an economic and environmentally acceptable energy choice in the U.S. and around the world. This is especially important to developing economies, where efficient use of coal, their most abundant energy resource, is crucial to economic well-being and quality of life. In addition to power, coal can be used as a feedstock for chemicals, and it also has the potential to be a major value-creating export segment in the U.S. economy.

In 2016, GTI researchers completed long-duration testing of the high-ash-fusion temperature coal from Yangquan Coal Group using GTI’s R-GAS™ advanced gasifier technology and delivered successful results. GTI and Yangquan signed a contract for joint development of an Industrial Demonstration Project for the R-GAS gasification process in China.

CO₂ Capture

CarboLock™ hollow fiber membrane contactor (HFMC) technology for carbon capture can greatly reduce the capital and operating costs for solvent-based gas clean-up technologies, providing a modular alternative to conventional systems. It works in flue gas, synthesis gas, and sour natural gas applications for pre-combustion and post-combustion carbon capture. The technology is suitable for purifying natural gas to meet pipeline specification and to achieve the much tighter requirements for LNG production.

CarboLock has been shown to capture equivalent amounts of CO₂ with less than 10% of the volume required by conventional gas/liquid contacting equipment in slipstream testing at a coal-fired power plant in Illinois.

Under a U.S. Department of Energy (DOE)/National Energy Technology Laboratory (NETL) project, GTI is preparing to test CarboLock at a 0.5-MWe scale on a coal-derived flue gas stream at the National Carbon Capture Center (NCCC). The construction of the pilot plant was completed in 2016, and tests will be performed in 2017 and 2018.
In 2016, GTI continued the development of our best-in-class biomass to liquid fuels process, IH₂®, licensed by Shell/CRI Catalyst Company. The GTI-patented technology helps to increase the supply of renewable transportation fuels with favorable economics.

IH₂® is a simple, self-sufficient, cost-effective way to produce drop-in gasoline, diesel, and jet fuels that meet U.S. product standards directly without creating a crude intermediate. It offers low capital and operating costs and can convert a wide range of biomass feedstocks, including wastes.

Shell India Markets Pvt Ltd (SIMPL) initiated the construction of a 5 TPD demonstration plant at their new Technology Center in Bangalore, India, while attracting many interested project developers. GTI is providing ongoing technical and commercialization support with testing in our IH₂® pilot plant. Commissioning of the Shell demonstration plant is taking place in summer 2017.

CRI has signed several other licensing agreements, including one with New Delhi-headquartered Sunlight Fuels, another with SynSel Energi AS headquartered in Northern Europe. A number of other global customers have commissioned site-specific engineering studies for the technology. GTI is continuing to build the IH₂® process patent family, with 8 U.S. and 38 international patents awarded so far.
The U.S. has an efficient and reliable delivery natural gas delivery system that is unrivaled. Methane detection and leakage must be addressed to fully realize the environmental benefits of natural gas and expand its use.

GTI is working on a multitude of projects to quantify and mitigate methane emissions or address methane emission measurement in natural gas distribution systems.

**QUANTIFYING METHANE EMISSIONS**

- A project to quantify methane emissions from distribution pipelines for the California Air Resources Board (CARB) was completed, providing important information on natural gas leaks from local distribution companies and improving methane emission estimates from this sector. The next phase of work is focusing on methane emissions from residential customer meters. In addition, GTI is performing an assessment of fugitive emissions from the natural gas system in commercial buildings for the California Energy Commission that will quantify total building emissions. Field data collection, starting in commercial restaurants, is getting underway.

- GTI and partners received a DOE award to conduct field campaigns to measure methane emissions from new and vintage plastic, plastic-lined steel, and cast-iron pipes, as well as from industrial meters. Information collected on parameters will allow further classification of pipeline and meter emission categories to improve the EPA’s U.S. Greenhouse Gas Inventory and help operators prioritize the repair of leaks.

**MIDSTREAM METHANE MITIGATION**

GTI and Jet Propulsion Laboratory are developing and testing a high-efficiency integrated burner/thermoelectric system in a field pilot for oil and gas field operations. The system will substitute air instead of natural gas as the operating fluid for pneumatic controllers, resulting in energy recovery and reduced greenhouse gas emissions.

**RESIDENTIAL METHANE DETECTORS**

GTI began a national pilot study to evaluate the performance of methane detectors in residential settings, with utilities deploying about 700 commercially available residential methane detectors (RMDs) in customers’ homes. After reproducibility and repeatability testing was completed, GTI suggested modifications to the UL standard governing RMDs, advocating reduction of the alarm limit to 10% lower explosive limit (LEL) of methane.

In 2016, a new natural gas industry consortium—the Center for Methane Research (CMR)—was launched to serve as a technical information resource on a range of issues related to methane emissions and their real-world global warming impact. Initial funding includes natural gas distribution companies, with an expectation to expand to include other upstream natural gas companies.
GTI was presented with the Best Paper Award at the Plastic Pipes (PP) XVIII Conference hosted in Berlin. The research team’s work on the “Effects of Hydrocarbon Permeation on Plastic Pipe Strength and Fusion Performance” assessed the impacts of heavy hydrocarbons on polyethylene (PE) pipes and yielded key information on the effects on strength and fusibility of impacted PE pipe.

ATMOSPHERIC CORROSION AND LEAK ANALYSIS

A year-long collection of utility data on behalf of Northeast Gas Association (NGA) and its New York member companies to investigate and statistically analyze atmospheric corrosion and leak investigation data from indoor gas piping inspections has been completed. The study quantifies the corrosion rates for various installation and environmental conditions, and delivers results to provide the technical justification to enable NY utilities to develop and tailor a Distribution Integrity Management Program (DIMP) inspection plan with extended inspection intervals for specific interior operating environments. A final report detailing statistical results and technical recommendations has been developed and will be submitted to the New York Public Service Commission for review and approval.

HYDROSTATIC ALTERNATIVE PROGRAM

A new analytical tool has been developed and is available for industry use. It will help pipeline operators use inspection techniques as alternatives to hydrostatic testing when looking to address Integrity Verification Process (IVP) and Engineering Critical Assessment regulations and requirements. With Operations Technology Development (OTD) funding, GTI developed and deployed a Critical Flaw and Critical Wall Loss Calculator that can help ensure pipeline safety and provide operators with significant cost savings in complying with new regulations.

APPROACHES FOR PREVENTING CATASTROPHIC EVENTS

GTI completed a project that provides a thorough and critical review of approaches for preventing catastrophic events, both within and outside the natural gas industry, in order to be able to select the most appropriate approaches and models, develop them further, and ultimately issue guidelines for effective implementation in risk models and integrity management programs. The Department of Transportation (DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA)-funded effort focused on improving the risk management process for pipeline operators, ultimately enhancing the safety and reliability of our nation’s pipeline infrastructure.
Reducing the Risk of Third-Party Damage

To reduce the risk of third-party damage to gas pipelines, a project on an excavation encroachment notification (EEN) system is underway in California with support from the California Energy Commission and Pacific Gas and Electric (PG&E). The EEN system provides real-time GPS monitoring from hardware installed on excavation, agricultural, or other equipment. It notifies the gas operator of potential damage by identifying risk behaviors of the equipment operating within areas where underground pipe facilities are present.

Tracking and Traceability

In a project to provide the industry with a standardized approach for capturing pipe, appurtenance, welding and coating data, GTI is helping to develop standards, guidelines, and technology for tracking and traceability of distribution and transmission piping systems.

Mobile and GIS Data Collection and Analysis

With deployments at 15 utilities and over 250 users, GTI subsidiary LocusView Solutions provides a comprehensive mobile data collection platform customized for the natural gas industry. LocusMap, a mobile application for creating as-built maps and capturing material traceability data, was successfully deployed at 12 utilities in 2016 with significant expansion planned for 2017 including a full-production deployment at Unitil in New Hampshire, Maine, and Massachusetts. LocusIQ, a solution for collecting and analyzing quality inspection data, was deployed to several companies including Southwest Gas, which now has over 200 active users.
EXPANDING EE CAPABILITIES AND SERVICES
GTI International acquired Bevilacqua-Knight, Inc. (BKi), an energy efficiency, consulting, and alternative transportation firm, in April 2016. To serve customers in a more comprehensive manner, a decision was made to merge it with other California-based subsidiaries Davis Energy Group (DEG) and Fisher-Nickel (fishnick) to form a single legal entity. The new company was launched on January 1, 2017, as Frontier Energy, Inc., a professional services firm delivering energy efficiency, market transformation, and transportation solutions that encourage the intelligent use of energy.

RESIDENTIAL BUILDING ENERGY EFFICIENCY
The Davis Energy Group division of Frontier Energy, Inc. is working with PG&E to raise the 2019 Title 24 Building Energy Standards in California, moving towards zero net energy (ZNE)-ready residential new construction in 2020 with proposed changes for residential building envelope requirements, HVAC, indoor air quality, and residential water heating. The effort focuses on completing targeted research, stakeholder activities such as public workshops, and developing documentation that will facilitate the necessary codes and standards changes. The team has been active in California Title 20 and Title 24 codes and standards activities for over 20 years.

COMMERCIAL KITCHEN EQUIPMENT OPTIMIZATION
Results from demonstrations of high-efficiency commercial cooking equipment are showing significant savings. Gate Gourmet, an airline catering provider, experienced 24% gas savings for their kitchen, largely due to replacement of their steam kettles with Energy Star double compartment steamers. Werewolf Bar & Grill experienced 7% gas and 24% electric savings for their entire cook line and was able to increase their production capacity. Their newly installed optimized kitchen ventilation system is being assessed with estimated 30–50% additional savings.

In the kitchen equipment retrofit project, funded by the California Energy Commission, the Pacific Gas and Electric (PG&E) Food Service Technology Center (FSTC) managed by the Fisher-Nickel division of Frontier Energy teamed up with SoCalGas and San Diego Gas & Electric (SDG&E) to determine energy savings potential, cost effectiveness, and cooking performance compared to baseline equipment.

HIGH-EFFICIENCY GAS-FIRED HEAT PUMP WATER HEATER
A demonstration of fourth-generation units at homes in Southern California is advancing a novel ultra high-efficiency Gas-fired Heat Pump Water Heater (GHPWH) toward commercialization. With funding from Utilization Technology Development (UTD), the water heater was designed and tested by GTI and Stone Mountain Technologies, along with major water heater manufacturers. Market assessment and stakeholder outreach activities are taking place in parallel to support a successful market introduction in 2017.

The GHPWH meets NOx requirements and has an Energy Factor (EF) that is more than twice that of standard gas water heaters. It offers the lowest operating cost and cost of ownership, with 50% energy savings.

GTI began efforts on a California Energy Commission project to demonstrate the potential of ZNE homes that generate as much energy as they consume. GTI is developing and testing advanced energy efficiency packages using low-cost construction methods, high-performance housing techniques, and solar PV in two identical homes: one all-electric and one mixed fuel. The project is being conducted with Habitat for Humanity in a new affordable housing community in Stockton, California.

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SUPERCRITICAL CO₂ PILOT POWER PLANT

GTI, together with partners Southwest Research Institute (SwRI) and GE Global Research, has signed a contract with DOE’s National Energy Technology Laboratory (NETL) to design, build, and operate a 10 MWe (megawatts electrical) supercritical carbon dioxide (sCO₂) pilot power plant at the SwRI campus in San Antonio, Texas. This initiative will integrate and prove compact, modular technologies that can be applied to generate clean, low-cost power from natural gas, coal, next-generation nuclear, concentrated solar thermal, and industrial waste heat sources.

The project, funded under DOE’s Supercritical Transformational Electric Power (STEP) program, includes an $80 million award from the DOE plus cofunding from industry, bringing the total contract value to $110 million. This crosscutting technology is supported by the DOE Fossil, Nuclear, and Energy Efficiency and Renewable Energy Offices.

OXYGEN-FIRED PRESSURIZED FLUIDIZED BED COMBUSTOR

GTI is partnering with DOE, NRCan/CanmetENERGY-Ottawa, and others to advance the development of an oxygen-fired pressurized fluidized bed combustion (Oxy-PFBC) process to generate electricity and heat with zero emissions by economically capturing greenhouse gases created by biomass and coal combustion.

A new 1 megawatt thermal pilot plant was commissioned in Ottawa, Canada to validate the process, mature the technologies, and address technology gaps to advance the commercialization of carbon capture, utilization and storage (CCUS) technologies in a collaborative program between the U.S. and Canada.

CHP FIELD MONITORING AND DATA COLLECTION

CDH Energy Corporation (CDH), a subsidiary of GTI International, is at the forefront of helping state agencies and utilities consider the benefits of distributed generation (DG) and combined heat and power (CHP). CDH provides detailed verification, measurement, and reporting for the New York State Energy Research and Development Authority (NYSERDA) performance-based incentive CHP program. The team also monitors the performance of CHP and other clean energy technologies for the Alternative Portfolio Standard (APS) program in Massachusetts and serves as a certified performance data provider (PDP) for the Self Generation Incentive Program (SGIP) in California.
ALTERNATIVE TRANSPORTATION

DEPLOYING NEW ALTERNATIVE FUELING INFRASTRUCTURE
GTI is leading the creation of a clean vehicle corridor program along I-94 from Port Huron through Michigan, Indiana, Illinois, Wisconsin and Minnesota to the North Dakota border. With a nearly $5 million award from DOE, GTI will be working with a coalition of Clean Cities organizations in those upper-Midwest states and facilitating the deployment of new alternative fueling infrastructure and vehicles.

FCEV MARKET OUTREACH
In July 2016, the city of San Francisco received a DOE Office of Energy Efficiency and Renewable Energy (EERE) grant to deploy new technologies to reduce emissions and protect air quality. The city turned to BKi, a division of Frontier Energy, who leads the California Fuel Cell Partnership, to provide assistance with increasing the deployment of fuel cell electric vehicles (FCEVs) and hydrogen infrastructure in the Bay Area through hydrogen safety training for emergency responders and public officials. BKi will also conduct public ride-and-drive sessions to give Bay Area residents a chance to get behind the wheel of a FCEV.

MEDIUM-DUTY NGV ENGINE
A Cummins Westport Inc. (CWI) 6.7L low emission medium-duty NGV engine that GTI helped to develop and field test—with support from UTD and the California Energy Commission—was introduced to the market for use in shuttle buses, school buses, and parcel delivery vehicles. The ISB6.7 G meets U.S. 2017 EPA GHG requirements a year ahead of schedule, as well as CARB’s optional low oxides of nitrogen (NOx) standard of 0.1 g/bhp-hr. CWI began commercial deployments in school buses in May 2016, went into full commercial production in December 2016, and has since seen steady adoption in all target markets.

FACILITY TRAINING AND GUIDANCE
Under a DOE contract on Alternative Fuel Vehicle Workplace Safety Programs, GTI is creating training and guidance materials for garage facility upgrades and building modifications for facilities that service natural gas, propane, and hydrogen vehicles.

DME AND HYDROGEN GENERATION
Through ARPA-E’s Renewable Energy to Fuels Through Utilization of Energy-Dense Liquids (REFUEL) program, GTI was selected to receive a $2.3 million contract to develop a reactor to synthesize diesel fuel substitute DME from CO$_2$, hydrogen, and electricity. Potentially, both the hydrogen and electricity could be sustainably sourced. GTI researchers will also serve as a subcontractor to University of South Carolina on a $1.6 project to generate high-purity H$_2$ from thermal catalytic NH$_3$ decomposition using a novel hollow fiber membrane reactor.
DISTRIBUTION AND TRANSMISSION TRAINING

Over 50 classroom courses trained 1,000+ gas industry professionals on distribution and transmission topics in 2016, in locations from metropolitan Chicago to Pittsburgh to Orlando. GTI also hosted a number of customized training courses, bringing registered gas distribution professional training to staff at Consolidated Edison as well as other onsite training to National Grid and Peoples Gas. GTI’s Natural Gas Field Skills Training Program offers a turn-key solution for generic field procedures and applications. Okaloosa Gas signed a new licensing agreement with GTI for the training, joining 12 other companies that are leveraging the program to prepare field workers for safe, effective on-the-job performance and meet regulatory requirements for operator qualification (OQ) assessments. The program has 77 modules in ten different topic areas, and is available as instructor-led training or online modules.

GTI will work with the Washington Greene County Job Training Agency, Inc. to create a targeted retraining program for displaced coal workers that enables them to pursue local employment in the natural gas utility and pipeline industry. The $653,400 grant is being provided by the Appalachian Regional Commission (ARC).

LNG TRAINING

GTI is at the forefront of LNG training, offering a large and growing array of standardized or customized programs. GTI presented LNG basics training at LNG 18 in Australia and developed a customized online version of the LNG Awareness Class for TOTE Maritime employees. GTI trained students at Freeport LNG in Houston, Texas on understanding the global LNG value chain, and conducted LNG awareness training at Kinder Morgan’s Elba Island facility. In addition, an on-site course was delivered in Shanghai for members of the China LNG Association on LNG as a marine fuel. GTI also collaborated with ClassNK in Tokyo for the development of a framework for LNG bunkering and LNG fuels training.

FOODSERVICE ENERGY EFFICIENCY ELEARNING MODULES

Fisher-Nickel, a division of Frontier Energy, Inc., launched a new on-line training program called Fe3—Foodservice Energy Efficiency Expert (fethree.com). This new education and training program encompasses six different modules designed specifically to educate and certify foodservice professionals in the fundamentals of energy and water efficiency for commercial foodservice.
Financial and Business Overview

2016 Financials

In millions

- **Project Revenue**: $96.1
- **Royalty/Other Revenue**: $6.7
- **Total Revenue**: $102.8

- **Total Assets**: $116.9
- **Total Liabilities**: $40.1
- **Net Assets–Unrestricted**: $76.8

Significant 33% revenue growth over 2015 and new business growth of 24%

GTI Locations

**California**
- Oakland, West Sacramento, Davis, San Ramon, Los Angeles (Frontier Energy)
- Woodland Hills

**Illinois**
- Chicago (LocusView)
- Des Plaines (*Headquarters)

**New York**
- Cazenovia (CDH Energy)

**Texas**
- Houston
- Austin (Frontier Associates)

**Washington, DC**
- Capitol Hill

Growing national presence with 360+ employees

Community Service

We honored our veterans with a service project that collected and assembled toiletries into basic supply kits that were donated to those vets in need.

This is just one of the ways that GTI makes a difference in our local community. Through an annual payroll deduction campaign, we provide financial support for the United Way. We participate in the annual U.S. Marine Corps “Toys for Tots” campaign. GTI hosts food drives and sponsors blood drives each year. Our employees take part in the annual J.P. Morgan Corporate Challenge race, which donates to a local not-for-profit organization on behalf of all participants. These activities are a reflection of our culture, our values, and the way we do business.
GTI EXECUTIVE TEAM

• David C. Carroll, President and CEO
• James F. Ingold, Vice President of Finance, Treasurer, and CFO
• Edward B. Johnston, Senior Vice President, Research and Technology Development
• Ronald N. Snedic, Senior Vice President, Corporate Development and President, GTI International
• Peter N. Witty, General Counsel and Secretary

GTI BUSINESS LEADERS

• Vann Bush, Managing Director, Supply and Conversion
• Richard M. Kaelin, Vice President, Washington Operations
• William E. Liss, Managing Director, Delivery and Utilization
• Jeremy M. Otahal, Director, Human Resources
• Rodney C. Rinholm, Executive Director, Business Development and Education
• Larry Brand, President, Frontier Energy, Inc.
• Alicia Farag, President and CEO, LocusView Solutions

GTI BOARD OF DIRECTORS

• Carlos A. Cabrera, Executive Chairman, Genomatica, Inc.
• David C. Carroll, President and CEO, GTI (Ex Officio Director)
• Arthur C. Corbin, President and CEO, Municipal Gas Authority of Georgia
• Marc J. Fiorette, Digital Executive Advisor, ENGIE
• John D. Hofmeister, Chief Executive, Citizens for Affordable Energy
• Alexander A. Karsner, Managing Partner, Emerson Collective
• J. Brett Lane, President and COO, Southern California Gas Company
• Terry D. McCallister, Chairman and CEO, WGL Holdings, Inc. and Washington Gas (Chair)
• Steven L. Mueller, Chairman and CEO, Southwestern Energy Company (retired)
• Rebecca Ranich, Director, Deloitte Consulting LLP (retired) (Vice Chair)
• David F. Smith, Chairman, National Fuel Gas Company
• John W. Somerhalder II, Chairman, President and CEO, AGL Resources (retired)
• Nick Stavropoulos, President and COO, Pacific Gas & Electric Company
• Lori S. Traweek, Chief Operating Officer, American Gas Association

VALUES

Safety. Nothing is more important than the safety of our employees and our customers.
People. We provide opportunities and a stimulating environment for creative employees to learn, grow and make a difference.
Market Focus. We must bring solutions to customers that enable their continued success.

ENVIRONMENTAL SUSTAINABILITY

GTI’s Earth Day events made great strides reducing our environmental impact. GTI filled a semi with old electronics to be recycled, minimizing what goes into the landfill. Based on the overwhelming response, GTI hosted another recycling event in the fall.

Employees volunteered their time and talent to plant new trees and perennials on the GTI campus. In addition to making the space more attractive, the plants trap CO₂ from the environment, produce oxygen, provide shade and windbreaks for buildings, and provide habitats for birds and other wildlife.
GTI solves important energy challenges, turning raw technology into practical solutions that create exceptional value for our customers in the global marketplace