



## GTI Energy

GTI Energy offers a comprehensive suite of services across the energy sector, focusing on developing, scaling, and deploying energy transition solutions that enhance lives, economies, and the environment. Their primary services include:

**Research & Development (R&D):** Conducting advanced research to develop innovative energy technologies and solutions.

**Technical Services:** Providing specialized technical expertise to support the design, testing, and implementation of energy systems and technologies.

**Analytical Services:** Offering detailed analyses of energy systems and materials to inform decision-making and optimize performance.

**Commercialization:** Assisting in bringing new energy technologies to market through licensing, partnerships, and strategic support.

**Program Management:** Overseeing and coordinating energy projects to ensure they meet objectives, timelines, and budgets.

**Consulting:** Providing expert advice on energy strategies, policy, and technology implementation.

**Information Services:** Delivering data-driven insights and information to support energy decision-making and strategy development.

Additionally, GTI Energy focuses on several key areas:

- **Hydrogen:** Advancing hydrogen technologies for energy applications.
- **Methane Emissions:** Developing solutions to detect and reduce methane emissions.
- **Carbon Management:** Implementing strategies for carbon capture, utilization, and storage.
- **Digital Innovation:** Integrating digital technologies to enhance energy systems.
- **Renewable Energy:** Promoting the development and deployment of renewable energy sources.
- **Gasification:** Converting carbon-based materials into syngas for energy production.

- **Gas Conversion & Processing:** Transforming natural gas into valuable products and energy.
- **Infrastructure Integrity:** Ensuring the safety and reliability of energy infrastructure.
- **Energy Efficiency:** Improving energy use to reduce consumption and costs.
- **Power Generation:** Developing technologies for efficient and sustainable power production.
- **Alternative Transportation:** Advancing alternative fuels and transportation technologies.
- **Sub-Surface Technologies (SST):** Innovating technologies for subsurface energy applications.

Through these services and focus areas, GTI Energy collaborates with various stakeholders, including the energy industry, government agencies, equipment manufacturers, private investors, and entrepreneurial start-ups, to drive impactful energy solutions.

<https://www.gti.energy/>