



Gas power services

Providing the energy sector with pioneering, safe and trusted solutions to complex problems in harsh environments for over 25 years.





Products and services

Who we are	1
Gas power services	1
Gas turbine generators	2
Gas engine generators	3
Gas booster compressors	4
CNG systems	5
Gas to liquids solution	6
Sale or lease purchase	7
Aftermarket support	7
Field technical support	7

Who we are

Providing the energy sector with pioneering, safe and trusted solutions to complex problems in harsh environments for over 25 years.

ScanTech Offshore is renowned as the go-to company for your rental, lease purchase and direct sale of specialist equipment and services.

We support the oil majors and principal names in well services with inventory including zone II air compressors, gas booster compressors, steam generators, heat exchangers, rig cooling systems and complementary award winning products that enhance safety and productivity. Building on those strengths with our business partners, we now provide gas turbine and conventional gas powered generators, enhanced gas compression services and compressed natural gas (CNG) solutions.



ScanTech Offshore is part of James Fisher and Sons plc, a leading provider of specialist services to the marine, oil and gas, and other high-assurance industries worldwide; the company is registered on the London Stock Exchange. With over 2000 employees operating in over 40 countries worldwide, we provide the highest quality services and equipment wherever you are working.



Gas power services

Utilising associated petroleum gas (APG) for a sustainable future

ScanTech Offshore is making a transition to cleaner energy technologies by offering a suite of gas-powered equipment to maximise the utilisation of flared or stranded gas providing customers with a range of solutions to monetarise their waste gas streams.

We provide equipment and services for gas to power, gas compression services and compressed natural gas (CNG) systems.

Our engineering department are developing a gas to liquid (diesel) GTL solution utilising APG with the aim of bringing to market a proven system at a price point that makes sense for a positive financial investment decision.

www.scantechoffshore.com/oil-and-gas/gas-power-services



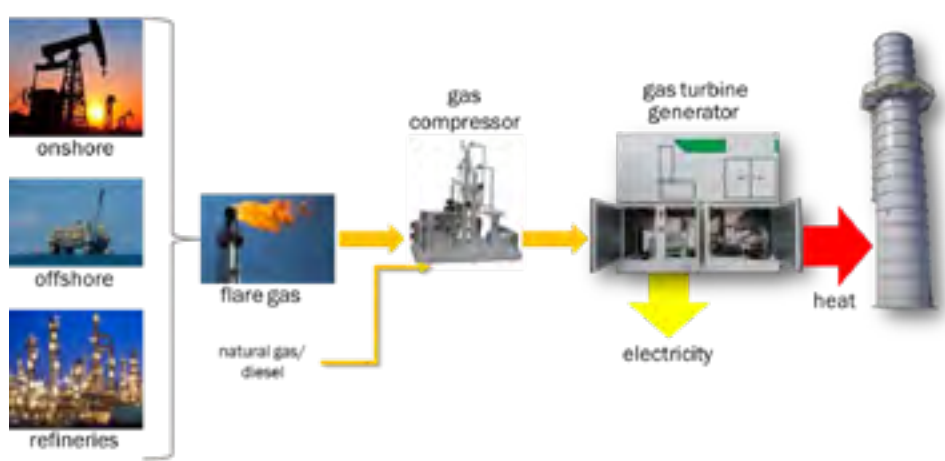
Gas turbine generators

- Up to 30% lower lifetime costs
- From 1MW to 6MW+
- Bespoke solutions
- Full turnkey solutions
- Industry leading reliability
- Highest safety standards

We can help you monetise-flared gas by generating power, reducing your operating costs, creating a new revenue stream and reducing your carbon footprint.

Gas turbines accept a wide range of gas specifications, including H₂S and are ideally suited to APG waste streams. Notwithstanding higher capital cost versus gas engine generators, the operating costs represent a 30% lower lifetime spend.

With a range of gas turbine generators from 1MW to 6MW+ in modular configuration for upscaling or downscaling, we can engineer and deliver bespoke solutions to match your individual needs and provide full turnkey solutions via local EPC partners, with industry leading reliability and the highest safety standards.





Gas engine generators

In addition to gas turbine generators, we provide traditional gas engine generators from 500kW to 3.5MW, powered by renowned Waukesha and Caterpillar brands. These traditional generators generally require lower capital investment, but require more preventative maintenance than a turbine that can result in higher operating costs.

Many options provided in modular configuration allow upscaling or downscaling. We can engineer and deliver bespoke solutions to match your individual needs and provide full turnkey solutions, including 24/7 operation and maintenance support for industry leading reliability and the highest safety standards.



- Waukesha and Caterpillar
- From 500kW to 3.5MW
- Bespoke solutions
- Full turnkey solutions
- Highest safety standards
- Industry leading reliability
- 24/7 operation / maintenance

Gas booster compressors

Infinitely scalable, our gas booster compressors come in a range of sizes from 150kW to 3.5MW, with flows and pressures to meet your gas compression needs. If you're looking to boost your gas line pressure, reinject gas back into the formation or pump gas to production, we can provide you with a solution.

Our range of gas boosters are positioned to provide both gas and diesel driven engines from renowned manufacturers:

- Ariel Corporation
- Caterpillar
- Waukesha
- MAN

We offer sales, long-term rentals and lease purchase options all with 24/7 service and maintenance contracts.



Applications

Upstream

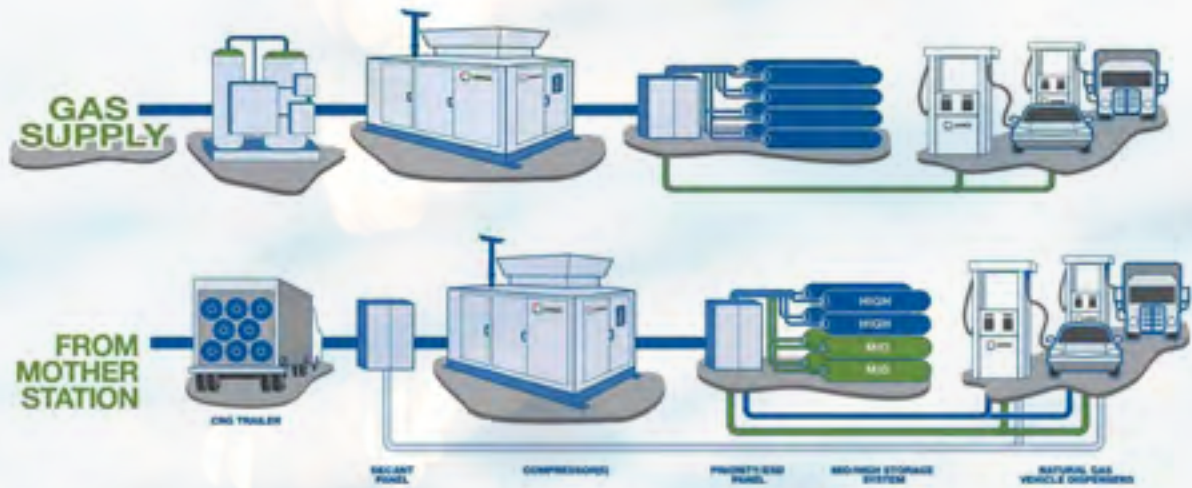
- Wellhead compression
- Enhanced oil recovery
- Natural gas gathering
- Air and nitrogen injection

Midstream

- Pipeline transmission
- Gas storage injection withdrawal

Downstream

- Compressed natural gas (CNG)



CNG systems

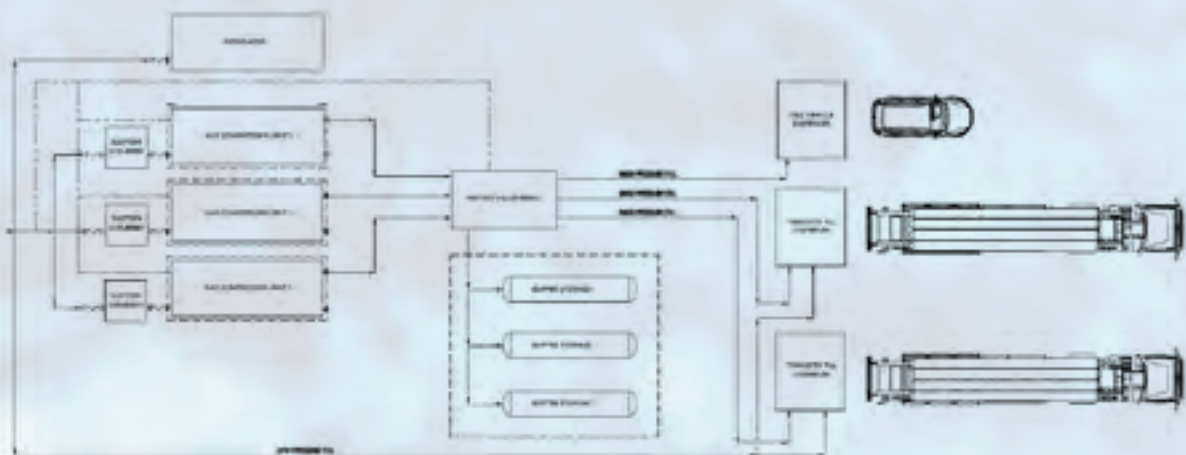
Designed to deliver 20 years of continuous service, our supply of CNG compressors ensure the lowest overall lifetime cost.

- Reduces capital investment at project front end
- Minimises operating costs during project life cycle
- Provision of gas compressors
- Filling dispensers
- Tank trailers to complete EPC facilities
- 3MMSCFD to 10MMSCFD

Utilising world-leading manufacturers of gas compressors with an estimated 70% market share and collaboration with the world's leading provider of CNG tank trailer and automotive filling dispensers, ScanTech Gas Power Services integrates fully automated technology with remote monitoring systems to provide pioneering, safe and trusted CNG plant solutions for the virtual pipeline industry.

Temperature compensated filling utilising a proprietary controller removes the need for closed loop, refrigerated gas cooling and associated water treatment plants. Our design approach reduces capital investment at project front end and minimises operating costs during project life cycle. From 3MMSCFD to 10MMSCFD, provision of gas compressors, filling dispensers, tank trailers to complete EPC facilities, we have a solution for you.

- Gas Pre-treatments
- Gas Compressors
- CNG Filling Dispensers
- CNG Tank Trailers





Volume of flared
and vented gas
5 trillion
SCF annually



Flaring could cost
oil & gas companies
\$7.8 billion
in annual penalties

Gas to liquids solution

With the cooperation of some of the biggest names in the gas to liquid (GTL) field of excellence, we have gained access to the most advanced, efficient field-tested and proven components (Syngas Reformers and Fischer-Tropsch Reactors) to engineer a profitable solution converting associated petroleum gas (APG) into Zero Sulphur Diesel, Synthetic Oils, Wax and diluent. With a modular design and small footprint, the solution can be deployed worldwide.

Some key aspects and benefits of ScanTech's Gas to Liquid solution:

- Small scale (1 to 5mmscf/d) and multiples
- Convert flared gas to syngas (100 to 500 bbls/d) and multiples
- Small footprint self-contained generating its own power and utilities
- Modular design ISO style 40' x 8' skids and frames
- 85% reduction in CO2 emissions
- 20 year design life
- Over 30% return on capital employed
- Payback under 5 years



Sale or lease purchase

If you prefer to own your equipment, the majority of our products are available to purchase, including new build and ex-rental options. Purchases can be supported by contract maintenance and the provision of operating personnel.

ScanTech Offshore offer direct sale, long-term rental and lease purchase options, providing you with a range of CAPEX and OPEX advantages.

Should you wish to purchase and operate your own assets there are several cost factors to consider:

- Cost of capital outlay
- Financing options
- Associated interest
- Depreciation costs
- Life cycle OPEX costs
- Cost of operating personnel
- Preventative maintenance and breakdown repairs


Aftermarket services

ScanTech's equipment partners are an integral part of our business. Our longstanding relationships ensure we are at the forefront of providing the best technical and commercial solutions to our customers. All of our agreements include core components and spare parts supply. Our certified local service technicians are fully qualified under the Ariel and Waukesha training programmes to efficiently provide full operations and maintenance for our customers' current installations.

Field technical services

Providing local aftermarket services from across our various facilities, our team of fully trained engineers are primed to administer reciprocating engine and compressor analysis, in addition to:

- Full aftermarket support
- Spare parts
- Startup and commissioning
- Customer training support
- Supervision during installation
- Equipment maintenance



We support the oil majors and principal names in well services with inventory including zone II air compressors, gas booster compressors, steam generators, heat exchangers, rig cooling systems and complementary award winning products that enhance safety and productivity.



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