Brighter futures are fueled by ambition. And that’s one resource we’ll never run out of.

It will take more energy, ingenuity and trust to fulfill our aspirations for the future. And GE Oil & Gas is ready to do its part.

We’ve been an industry leader through constantly evolving energy sector dynamics and increasingly complex infrastructure challenges across the globe for more than 120 years.

We understand the entire energy value chain and know that oil and gas will continue to play a critical role.

That’s why our technologies extract, transport and refine oil and gas with productivity and the environment in mind.

So we can keep our homes warm, our planes, trains and cars running, and our lights burning bright.

As the world’s first digital industrial company, GE is transforming energy markets with software-defined machines and solutions that are connected, responsive and predictive—bringing speed, scale and greater insight to our oil and gas customers.

And with the best minds and machines, we’re reducing equipment downtime, optimizing assets and building new partnership models for the sector.

We’re GE. Pushing the boundaries of technology to bring energy to the world. Dedicated to fueling the future.
In the oil & gas industry the adage that ‘time is money’ is especially true. When assets are not performing optimally, time and money are lost. Our global team provides access to the best minds and best machines and allows us to apply reliable and effective solutions to keep our customers operating wherever they are and whatever their asset, from wellhead to refinery.

Improving Productivity

GE Store

GE has successfully developed innovative machines and technologies for more than one hundred years. That industrial heritage comes with an assurance of high quality and our customers know that they have a secure relationship with a long term partner. It is a heritage too that successfully transfers ideas and excellence from one industry to another in what we call the GE Store, so that our customers benefit from ideas and invention beyond the oil and gas industry.

Mastering Complexity

The age of easy oil and gas is over, ours is a complex industry. Complexity takes many forms, from challenging geophysics to high pressure, high temperature wells and from challenging project economics to an extended and growing global supply chain. GE Oil & Gas are experts at mastering complexity and partnering with customers to overcome these and many more challenges.

As the world’s first digital industrial company, we work to master some of the most complex challenges. Through partnership with our customers and access to the best of GE, we help reduce equipment downtime, optimize assets and build new business models; using the best minds and the best machines.

Partnering for Change

The best ideas can come from anywhere. We work in close partnership with our customers in the oil and gas industry, often sharing our workspaces whether that is at the wellhead or crunching data in the lab. By collaborating we can accelerate innovation and more quickly overcome the simplest to most complex challenges of producing oil and gas.

Delivering Insights

GE is the world’s first digital industrial company. We are harnessing the power of data to help our customers make better and quicker decisions and to make their operations and equipment as productive and efficient as they can be. We draw insights from our business to imagine and deliver digital and technical solutions that allow our oil and gas partners to maximize productivity gains while minimizing risks across the full spectrum of their assets, their operations and their organization.

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The global oil and gas industry today is facing downward commodity price pressures unseen over the past three decades. Hundreds of billions of dollars of proved oil and natural gas reserves have been written down, because the cost to produce them is greater than the market price these products command.

To put those assets back within reach and remain competitive in this low-price environment, operators have a need like never before to optimize operations, eliminate downtime and maximize the value gained from every dollar of Capex and Opex invested—all while continuing to make operations safer. This cannot be achieved at sufficient scale by squeezing supplier margins or tweaking elements of “business as usual.” The oil and gas industry needs a bold new vision for unlocking hidden value and unprecedented productivity gains from the reservoir to the refinery.

That vision is digital. It involves connecting machines, data and people to create digital solutions that optimize performance and processes, safely and securely, across the full value chain of oil and gas operations. It is the sweet spot where the physical and digital worlds meet. And it has the power to drive a new age of productivity that will transform the oil and gas industry.

GE’s purpose-built digital technologies connect people and equipment in a constant dialogue of optimization and improvement—with the following capabilities:

**Equipment Performance Excellence**

With actionable insights, we can help to drive proactive management of equipment health, minimizing unplanned downtime, reducing maintenance spend and delivering peak equipment safety and performance.
UPSTREAM
Offshore development is moving into deeper waters and more challenging environments with increasing temperatures and pressures. GE pushes the technology needed to increase reliability, flexibility, speed and performance. Together with GE, your operations can go further and deeper than before.

In an environment in which developments are extending into ever more complex and increasingly remote locations, our production systems and expertise are designed to help meet the challenges of current and future field development, with reliability, control and optimized life of field as standard:

- Subsea Power and Processing
- Subsea Production Control Systems
- Surface Wellheads and Flow Control
- Subsea Services
- Flexible Pipe Solutions
- Subsea Wellheads, Specialty Connectors and Pipe
- Subsea Trees, Manifolds & Connection Systems

SUBSEA

ADDRESSING TOGETHER THE CHALLENGES OF DEEP WATERS & HARSH ENVIRONMENTS

SELECTED PRODUCTS

- Blue-CTM Subsea Compressor
- VetcoGray D-Series DVXT
- VetcoGray D-Series DHXT
- Diverless Vertical (DVCM) Cluster Manifolds
- Uti-Max™ GT
- SFX: Wellhead System Solution
- Wet Mate Connectors
- Subsea Construction
- Smart Facilities
- Flexible Pipe Solutions
- MAPS-FR
- Completion Workover Riser ICWOR system
An increasing portion of oil and gas production is coming from offshore resources, and advancing technologies now permit production from deepwater and marginal fields.

Offshore production platforms bring hydrocarbons up to the surface via flowlines and risers, and move them to onshore receiving facilities, or re-inject associated gas back into the well to enhance production.

As projects move into deeper waters, GE works with operators to solve concerns over space, weight, stability, safety and reliability. Technologies must be adapted to more restrictive operating conditions and harsh environments. Our capabilities include:

- Offshore Drilling
- Offshore Production
- Offshore Turbomachinery
- Gas Lift
- Control and Safety Valves
- Regulators
- Actuators
- Valve Instrumentation and Accessories
- Water Injection Pumps

SELECTED PRODUCTS

- DDHM High-pressure Diffuser Barrel Multistage Pumps
- SeaONYX™ BOP Control System
- NDT BOP Inspection Technology
- 20k Blowout Preventers
- AC water cooled motors
- CHA Hydraulic Actuators
- Offshore Modernization Solutions
- Integrated Compressor Line (ICL)
- NovaLT5
- LM6000-FF+
- LM2500
- SeaSmart Offshore Package™
- High Pressure Ratio Compressor
- Wet Gas
GE’s advancements in technology and innovation continue to help us deliver products and services from manufacturing through the entire lifecycle of the product including service and maintenance. Our products help reduce your unplanned downtime, while decreasing your maintenance intervals and overall operating costs.

We are strengthening our localized footprint, to be closer to you. GE is bringing you the parts and service when you need them, to optimize your operations.

In-field production requires reliable parts and service that you can count on. Our oilfield areas of expertise include:

- Wireline Technology
- Drilling Measurement Solutions
- Oilfield Production
- Gas Processing
- Power Generation
- Surface Flow Control
- Logging Services
- Artificial Lift
- Surface Well Control
- Flare Gas Reduction Solutions

SELECTED PRODUCTS

- Novo LT Gas Turbines
- LandSmart® Package Solutions
- Industrial Module Solutions
- High Pressure Ratio Compressor
- Virtual Natural Gas Pipeline
- Electro-Trac™ MWD System
- API618 reciprocating compressors
- Bently Nevada Production Asset Reliability (PAR)
- Multiple Array Production Suite
- Downhole Electric Pipe Cutter
- Dura Plus Motors and Seals
- NoBolt™ Dual Seal Pneumatic Actuator
- AR Wide Range Pump
- Ace Plus Gas Handler
- ESP Harsh Environment
- Lufkin Beam Pumping Units
- Shale 360° Services

ONSHORE REDUCING UNPLANNED DOWNTIME TO HELP DECREASE YOUR OPERATING COSTS
GE Oil & Gas partners with operators to keep the oil and gas flow uninterrupted from production plants to distribution points. GE’s solutions support your assets’ integrity for compression and pumping on more than 2 million kilometers of pipelines and strategic storage facilities globally.

Together with our customers, our goal is no unplanned downtime. Our solutions drive efficiency and profitability for pipelines, gas storage terminals and distribution systems worldwide. We can help you promote environmental and public safety, whilst optimizing your asset’s long term reliable performance.

Our gas turbine product line is among the most extensive in the industry, with more than 1,450 installed units and over 56 million operating hours.

You can choose within our range of products and services:
- Gas Processing & Compression
- Oil Boosting
- Pipeline Integrity Services
- Downstream pipeline
- Gas Production
- Virtual Pipeline

**SELECTED PRODUCTS**

- LM2500
- MS5002E
- LandSmart® Package Solutions
- Integrated Compressor Line (ICL)
- ULE compressor
- NovaLT Gas Turbines
- Integral and Separable Gas Reciprocating Compressors and Gas Engines
- ULE compressor
- Virtual Natural Gas Pipeline
- MagneScan™
- Pipeline Crack Management
Since the 1990’s, GE designs systems for LNG production, liquefaction, regasification and storage - both onshore and offshore. Rigorous testing to the highest international standards and in the most extreme operating conditions guarantees enhanced throughput, combined with peace of mind.

The injection of GE’s latest technologies can greatly improve the efficiency and performance of your existing LNG terminals. From small-scale LNG plant up to module solutions, GE Oil & Gas customizes all its LNG equipment for the best fit with each project’s specific constraints. Our product range supports customer requirements, from highly standardized equipment to cutting-edge compression solutions for Liquefied Natural Gas and Gas-To-Liquids plants. Discover our proven solutions:

- Compression Solutions
- Gas Turbines and Control Solutions
- Module Solutions
- Floating LNG
- Small-Scale to Mid-Scale LNG Plants
- CO2 Liquefaction
- Gearing Technology
- Pumps

SELECTED PRODUCTS

- LMS100
- LM6000-PF+
- Industrial Module Solutions
- Antisurge Valves
- Small-Scale to Mid-Scale LNG Liquefaction Plants
- Masoneilan Control Valves
- Consolidated Safety Relief Valves

DRIVING INCREASED PERFORMANCES ACROSS YOUR LNG PROCESS
DOWNSTREAM
GE’s turbines, compressors, expanders, pumps and more — true workhorses of the industry — are designed and manufactured to help you compete in the clean fuel space.

Protecting your plant means knowing exactly how much and where to invest in conversions and upgrades, to help you remain competitive. Plant performance can be optimized through valorization of low quality streams within the refinery itself or integrated petrochemical production, to considerably improve economics.

Our customers benefit from fully integrated solutions that include refinery and petrochemical plant equipment, parts, supporting technologies and value-adding services, carefully tailored to their specific needs. We offer:

- Steam Turbines
- Centrifugal & Reciprocating Compressors
- Aero Derivative & Heavy Duty Gas Turbines
- Service Solutions
- Pumps & Valves

PROTECTING YOUR PLANT TO COMPETE WITH REGULATORY & ENVIRONMENTAL REQUIREMENTS

SELECTED PRODUCTS

- MO5002E
- Turboexpander-Compressors
- LDPE Hypercompressor
- Industrial Steam Turbines
- Impulse Steam Turbines
- API Reciprocating Compressors
- Pump As Turbine
- DHMH High-pressure Diffuser Barrel Multistage Pumps
- DDHF Multi-stage Centrifugal Pump
- Hot Gas Expanders
- OptiComp Compressor
- Control Suite
- DH Overhung Centrifugal Compressors
- Masoneilan Control Valves
- Consolidated Safety Relief Valves