Powering your Business with Natural Gas
For Smart Savings & Peace of Mind

www.CloudEnergi.com
Who We Are
Leading the future with Natural Gas.

CloudEnergi is a UAE based company specializing in Natural Gas Solutions.

We use Virtual Pipeline technology as a bridge for customers not close to a physical pipeline, making it easy for cross-sector customers to switch to natural gas and enjoy the smart savings & benefits that this clean & reliable natural fuel provides.

CloudEnergi leverages state-of-the-art infrastructure and innovative service to unlock the value of natural gas for all stakeholders within the CloudEnergi Ecosystem; including consumers, suppliers, industrial zones, and government.

Vision

Own and operate a world-class flexible and adaptable alternative natural gas distribution network, supporting the growth and development of small/medium industrial & power enterprises as well as natural gas vehicles operators in select developing markets.

Mission

Deliver turnkey end-to-end solutions providing reliable, secure and safe natural gas to customers with no access to physical pipeline. We use innovative virtual pipeline solutions to deliver a clean and cost effective alternative fuel, that reduces the total operating and maintenance energy expenditures with minimal environmental impact.

The era of Natural Gas is here. The value and benefits are real. The only question is Are You On Board?
Who We Serve
Our customers aim to reduce energy expenditure & increase efficiencies.

Our customers are typically businesses with no access to physical pipeline, who are seeking a cheaper, cleaner and more reliable alternative to dirty fossil fuels.

**Industrial**

**Agricultural Industry**
Food, Crop, and Grain Processing. Dairies and Creameries. Fisheries. Greenhouses

**Distributed Power Generation**

**Residential & Commercial**
Hotels. Malls. Hospitals. Integrated Communities. Any place that has boilers for steam or uses gas for cooking.

**Natural Gas Vehicle (NGV) Servicing**
CloudEnergi’s Virtual Pipeline Solution (VPS) delivers natural gas to your doorstep in an efficient, safe & reliable way.

**Smart Savings**
- Cheaper than high cost fuels such as oil, diesel & LPG.
- Clean burning reduces operating & maintenance costs.
- Cost-effective & easy switching to NG.

**Environmentally Friendly**
- Emits 30% less CO₂, Nitrogen & Sulfur oxides with reduced carbon residues in burners.
- Addresses greenhouse gases, smog & acid rain.
- Supports global climate goals including UAE & GCC.

**Unrivaled Safety**
- Safe, non-toxic and contaminants free fuel source.
- Disperses quickly and does not require environmental cleanup in the event of a leak.
- Narrow range of flammability significantly reduces fire risk.

**Easy & Reliable**
- We expertly prepare your business to receive Natural Gas.
- Built-in redundancy, dedicated service and intelligent real-time monitoring ensure uninterrupted NG supply 24/7/365.
- Highest safety standards ensure your peace of mind.

**Natural Gas In Numbers**
*source: BP 2016 Natural Gas Global Survey*

<table>
<thead>
<tr>
<th>Category</th>
<th>Middle East</th>
<th>World</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Proven Reserves</strong></td>
<td>79.4 tcm</td>
<td>186.6 tcm</td>
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<tr>
<td></td>
<td>42.5%</td>
<td>42.5%</td>
</tr>
<tr>
<td><strong>Production</strong></td>
<td>638 bcm</td>
<td>3,551 bcm</td>
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<tr>
<td></td>
<td>18%</td>
<td>14.5%</td>
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<tr>
<td><strong>Consumption</strong></td>
<td>512 bcm</td>
<td>3,543 bcm</td>
</tr>
<tr>
<td></td>
<td>14.5%</td>
<td>14.5%</td>
</tr>
<tr>
<td><strong>Consumption Growth</strong></td>
<td>5.9%</td>
<td></td>
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</tbody>
</table>

tcm: Trillion Cubic Meter / bcm: Billion Cubic Meter

Choose Natural Gas
Is your business unlocking the value of the most efficient & economical of all fossil fuels?
CloudEnergi is your long term energy partner.

We deliver customized solutions to meet and exceed your expectations by leveraging our innovative solutions, strategic partnerships and deep cross-sector expertise.

We understand that your business needs are unique. That is why our modular and scalable solutions adapt to your specific context, spanning the entire value-chain of switching to natural gas from gas well head to final point of use. This mean you can fully depend on us to fuel your business so you can power your growth.

Our Turnkey Solutions Address Four Key Verticals

- Comprehensive Energy Audits
- Gas Supply & Transportation
- Infrastructure & Equipment
- Workforce Training

Custom Services

CloudEnergi’s state-of-the-art solutions and infrastructure deliver uninterrupted gas flow 24/7/365.

We are committed to providing you with premium service based on a personal relationship and shared goals, so you can have the peace of mind to focus on growing your business.

Six Service Areas To Meet All Your Needs

1. Comprehensive Energy Audits
2. Gas Supply & Transportation
3. Facilities Conversion For NG
4. NGV Servicing
5. Maintenance & Repair
6. Workforce Training

Easy, Smart, Reliable
Bringing Natural Gas to your Doorstep
Minimum CapEx & Maximum Savings

From Permitting to Point of Use
We Take Care of Everything
Delivering Peace of Mind
Energy solutions that grow with you.

CloudEnergi’s modular & scalable solutions adapts to every requirement. Capacity & output scales dynamically depending on your actual consumption, handling any fluctuations, such as seasonal peaks, while ensuring your future demands are met effectively and dynamically.

Real savings delivered to your bottom line.

Natural gas is a proven clean energy source that burns more efficiently, and can reduce your total energy costs by up to 40% compared to diesel and fuel oil. It disperses rapidly in the atmosphere in case of a leak, and has a narrow flammability range unit significantly reduces fire risks.

Premium service is standard.

Our premium service with real-time fleet management & built-in redundancy allow us to monitor and control every molecule of gas within our network. Intelligent buffering, just-in-time delivery, and maximum infrastructure utilization increase efficiencies & reduce costs to our customers.

Be part of the solution & reduce your carbon footprint.

Reducing carbon emissions is a global priority to combat climate change. Natural gas is environmentally friendly compared to diesel, petrol or LPG. When burnt it produces one molecule of CO₂ & two molecules of water, with virtually no Nitrates or Sulfurs, which are responsible for acid rain and smog.
Compression
Our compression terminals connect directly to natural gas pipelines, ensuring the highest pressure and flow rate for compression.

Transportation
Using modular Cloud Transportation Modules (CTM) our trucks hold maximum CNG capacity compliant with the highest safety standards, managed using intelligent logistics for optimum efficiency and safety.

Delivery & Storage
For redundancy and safety, extra CNG modules are stored on site, while your gas supply and tank conditions are remotely monitored for guaranteed delivery and meeting any demand fluctuations.

Decompression
Gas is decompressed to normal pressure using our Pressure Reducing & Metering Station (PRMS) installed on your site & maintained by CloudEnergi. This means no capital expenditure and operational or maintenance costs.

Monitoring & Telemetry
Intelligent gas levels monitoring triggers automatic reordering for optimized inventory management. Detailed reporting provides better management of energy spending and calculation of energy savings.
The Ecosystem
Unlocking real value to cross-sector stakeholders.

CloudEnergi supports a healthier economic, regulatory, environmental & governmental framework within the energy ecosystem.

CloudEnergi’s business approach is mindful of the triple bottom-line of People, Profit, Planet.

We are committed to a strong set of environmental principles & policies to minimize environmental impact associated with our activities. Our solutions deepen and extend the gas market while offering direct and indirect benefits to multiple stakeholder across the natural gas value chain. We call this the CloudEnergi Ecosystem.

1. Local Government
• Cheaper fuel supports policy to reduce fuel subsidies, and eliminate low efficiency environment & excessive consumption.
• Supporting small & medium size industries; driving economic growth & reducing unemployment.
• Aligning with targets to reduce greenhouse gases.

2. Industrial Zones
• Developing new clusters efficiently with significantly reduced risk and capital expenditure.
• Providing prompt gas supply service for newly established facilities even in clusters with limited customer base.
• Attracting new and energy intensive-industries, while meeting customer demand and growth through a scalable solution.

3. Transportation Sector
• Providing optimal solutions to develop medium and large sized fleets by connecting gas distributors to fleet owners.
• Delivering real savings through cheaper fuel, lower maintenance costs and longer vehicle life.
• Improving image and competitive advantage by being a low carbon emissions service provider.

4. Distributed Power Generation
• Provide an alternative to liquid fuel.
• Adaptive delivery, storage and management of gas reserves to meet peak power demand loads.
• Simplified site commissioning and decommissioning when project has ended.

5. Industrial Sector
• Quick connection to Natural Gas with no advanced CapEx required.
• Reducing operational and maintenance costs due to cleaner burning of natural gas, while increasing lifetime of assets.
• Turnkey & scalable solution meeting future growth plans.

6. Commercial & Residential Developments
• Supply energy to hotels, hospitals and private residential units.
• Providing clean energy to a wide range of domestic & commercial appliances that are cheaper to operate with longer life.
• Examples of such appliances are clothes dryers, pool & jacuzzi heaters, barbeques, space heaters and outdoor lights.

7. Gas Producers & Distributors
• Maximizing value of assets through access to high value regional markets, and improving net-backs.
• Monetizing stranded natural gas reserves where the economics are not favorable for capital-intensive pipelines or LNG facility.
• Providing a viable solution for the gas-flaring problem by monetizing the gas produced.

8. Environment
• Reducing carbon footprint is a regional priority integral to combating global climate change.
• Natural gas is a superior & environmentally clean fuel compared to diesel, petrol or LPG.
• In combustion, NG produces 1 molecule of CO₂ and 2 molecules of water reducing CO₂ emissions significantly.
CloudEnergi’s Health, Safety & Environment (HSE) management program adopts a comprehensive risk-based approach, which includes full risk assessment, risk mitigation strategies and policies, in addition to standard measures and business continuity procedures to address such risks.

Our duly licensed drivers go through rigorous selection criteria and training including defensive driving, transportation of hazardous material and first aid training. While our service teams undergo special training and follow strict procedures while operating and handling all gas related infrastructure. Our dedicated service teams ensure all equipment and transportation modules are inspected and serviced in accordance with our quality control and inspection protocols.

We are committed to a strong set of environmental principles & policies to minimize any environmental impact associated with our activities, and we work closely with our partners, clients and suppliers to continually improve efficiency, conserve natural resources and reduce waste and emissions.

Our HSE Management program undergoes regular internal & external review to ensure continuing suitability, adequacy and effectiveness to meet regulatory and customer requirements, and is in alignment with CloudEnergi’s corporate quality objectives.

CloudEnergi adheres to the industry’s highest standards of safety. Our transportation modules conform to international testing requirements including ADR, TPED, IMO, RID, UIC, and IMDG. We are ISO certified in Quality Management, Environmental Management, Occupational Health and Management, and Road Management Safety Systems.
Leading The Future with Natural Gas.