Overview
The Siemens Energy LNGo™ high-pressure (HP) systems are modularized, skid-mounted natural gas liquefaction plant capable of producing up to 100,000 US gallons (160 tonne) of liquefied natural gas per day. An LNGo™ system enables the build-out of a flexible LNG infrastructure by enabling redeployable, scaled expansions of LNG supply. The prepackaged, complete liquefaction system is designed for optimum power efficiency and has minimal site requirements with a streamlined installation process. Our scalable LNG production enables clients to adapt to future market demands.

System Configuration
LNGo™ systems are comprised of 5 modules: gas conditioning module; compressor module; mechanical chiller module; process module; controls module; and optional power module.

The supplied gas is converted to LNG product, and is also used as the primary refrigerant.

LNGo™ System Benefits
• Re-deployable
• Proven Siemens engineered product technologies
• Short project cycle times
• Worldwide service and support
• Skid-mounted design with compact footprint
• Self-powered options available

Specifications
• Meets industry standards applicable to micro-scale LNG systems (NFPA 59A, ASME, NEC, etc.). Configurable to Local standards.
• Ambient rating: -20 to 100°F (-29 to 38°C)
• Standard cold and hot weather packages available

Applications
Natural Gas Supply
The LNGo™ natural gas liquefaction system enables clients to leverage existing natural gas infrastructure for LNG production. Redeployable by design, the LNGo™ system can be placed directly at the source allowing for LNG production near consumers.

LNG Demand (LNG Fuel Distribution)
LNG is ideal for high horsepower machinery including marine, rail, mining, over-the-road trucking, drilling, fracturing, and power equipment. LNG provides fuel cost savings and emissions reductions in some cases when compared to diesel, making it a competitive distributed alternative to regional LNG gas suppliers.

Utility and peak shaving LNG suppliers are able to reduce demand charges by leveling annual gas demand, reducing or eliminating transport charges associated with trucking LNG and by reducing transportation risk of LNG via on-site liquefaction. LNGo™ natural gas liquefaction systems are ideal for remote utility and peak shaving markets because they provide low-cost, on-site liquefaction.

Service and Support
We can provide full turn-key installation and commissioning services, as well as routine operations, monitoring and maintenance contracts to ensure ongoing reliable and available operations.
Flexible solution

Production ranges and output parameters

<table>
<thead>
<tr>
<th>System key parameters*</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inlet pressure</td>
<td>600 / 42.4</td>
</tr>
<tr>
<td>Inlet gas flow</td>
<td>2.5 / 3,104</td>
</tr>
<tr>
<td>Discharge LNG pressure</td>
<td>113,562 / 48</td>
</tr>
<tr>
<td>LNG production per day</td>
<td>304,246 / 130</td>
</tr>
<tr>
<td>Energy efficiency</td>
<td>1.36 / 0.85</td>
</tr>
<tr>
<td>Area required</td>
<td>28,500 / 2,548</td>
</tr>
</tbody>
</table>

For more information, please contact our Customer Support Center.
Phone: +49 180 524 70 00
Fax: +49 180 524 24 71
E-mail: support.energy@siemens.com

Published by Siemens Oil and Gas. 2019
LNGo Sales Team
Email: oilandgas.us@siemens.com
Tel: (Int’l +1) 800-372-2608
Siemens Energy, Inc.
Houston, TX 77079 USA
Tel: (Int’l +1) 281-509-8000

Flexible solution

LNGo system

Why the Siemens solution is the right choice?