

## **Singapore LNG Storage Tank - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)**

Market Report | 2025-04-28 | 95 pages | Mordor Intelligence

### **AVAILABLE LICENSES:**

- Single User License \$4750.00
- Team License (1-7 Users) \$5250.00
- Site License \$6500.00
- Corporate License \$8750.00

### **Report description:**

The Singapore LNG Storage Tank Market size is estimated at USD 173.56 million in 2025, and is expected to reach USD 234.91 million by 2030, at a CAGR of 6.24% during the forecast period (2025-2030).

#### Key Highlights

- Over the medium term, rising demand for LNG and increased consumption of LNG as fuel in Singapore are expected to drive the market during the forecast period.
- On the other hand, the rising adoption of renewable energy and fluctuating natural gas prices are expected to restrain the market during the forecast period.
- Nevertheless, with the advancement in technology to develop floating LNG terminals, it remains a significant growth opportunity for the market during the forecast period.

#### Singapore LNG Storage Tank Market Trends

##### Self-supporting Tanks to Witness Significant Growth

- Self-supporting tanks are tanks used for the carriage of liquefied natural gas. It is strong enough by virtue of its construction to accept any loads imposed on it by the cargo. These tanks are made from aluminum alloy or 9% nickel steel with layers of insulation on the outside.
- These tanks are entirely self-supporting and do not form part of the ship's hull structure. These tanks do not contribute to the

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scott-international.com](mailto:support@scott-international.com)

[www.scott-international.com](http://www.scott-international.com)

hull strength of a ship either. The tanks are welded to cylindrical skirts or tied to supporters welded to the ship structure.

- The self-supporting tank type is strong and reliable and has been used by almost all large LPG carriers but has not been developed for LNG for various nontechnical reasons. These tanks are designed to support their weight without any external support.
- They are typically large, cylindrical tanks that are constructed with materials and designs that can withstand the extremely low temperatures and high pressures associated with LNG storage. Self-supporting tanks are often used for large-scale LNG storage applications, such as LNG terminals, LNG vessels, and LNG fueling stations.
- The self-supporting tanks are divided into A, B, and C types. The A-type tanks are designed using the classical ship-structural analysis procedure. Due to the possibility of gas leakage in the case of a break in the tank structure, A-type tanks are required to have a complete secondary barrier that can collect the leaking gas and transfer the gas vapor to a controlled area.
- According to the Energy Institute Statistical Review of World Energy 2023 data, the LNG imports rose by 4.6% when compared to 2021, reaching 5.2 Billion cubic meters. The past five-year trend, from 2017 to 2022, shows an exponential increase in the import of LNG in Singapore. Hence, for such an exponential increase in consumption of LNG, the Self-Supporting Tanks play a major role.
- Thus, with the above-mentioned points, due to the rising consumption of LNG in Singapore, the Self-Supporting Tanks is expected to witness significant growth in the Singapore LNG Storage Tank market during the forecast period.

### Rising Demand for LNG to Drive the Market

- Singapore's heavy reliance on natural gas to generate electricity, the current SLNG terminal plays a key role in enabling uninterrupted natural gas supply, SLNG noted. It has two jetties and four LNG storage tanks, with a total capacity of 800,000 cubic meters.
- Natural gas currently represents around a quarter of the country's overall energy consumption. About 94.3% of that gas is used in the power generation sector (including in combined heat and power plants), around 0.9% of power is generated from petroleum products, and 4.1% is generated from other energy sources.
- Further, Singapore has actively sought to diversify its energy sources and reduce reliance on traditional fossil fuels like coal and oil. LNG offers a cleaner alternative, with lower emissions compared to these fuels. Using LNG helps European countries meet their climate goals and reduce air pollution.
- Natural gas is one of the options for the energy transition in Singapore. Singapore does not produce LNG on its own. However, the government aims to become the global hub for LNG trade. Singapore is already a global hub for petroleum products in Asia. LNG is critical to the Singapore government's future economic development and energy security plans.
- Singapore has one of the leading trade ports and is one of the global leaders in international marine shipping. In addition, the Straits of Malacca and the Singapore Strait, adjacent to Singapore, have become integral passages for maritime transport, with many tankers, containers, cargo, and passenger ships halting at Singapore and relying on the ports for resupplies of water, food, crew changes, and fuel refilling, because of its strategic location, LNG as a bunkering fuel is expected to support the growth of LNG businesses in Singapore during the study period.
- Thus, on the basis of the above points, the rising demand for LNG is expected to drive the Singapore LNG storage tank market.

### Singapore LNG Storage Tank Industry Overview

The Singaporean LNG storage tank market is semi-consolidated. Some of the major players (in no particular order) include Linde PLC, Wartsila Corporation, CIMC Enric Holdings Ltd, Rotary Engineering Pte. Ltd, and Singapore LNG Corporation Pte Ltd.

Additional Benefits:

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

## **Table of Contents:**

### 1 INTRODUCTION

- 1.1 Scope of the Study
- 1.2 Market Definition
- 1.3 Study Assumptions

### 2 EXECUTIVE SUMMARY

### 3 RESEARCH METHODOLOGY

### 4 MARKET OVERVIEW

- 4.1 Introduction
- 4.2 Market Size and Demand Forecast in USD, till 2029
- 4.3 Recent Trends and Developments
- 4.4 Government Policies and Regulations
- 4.5 Market Dynamics
  - 4.5.1 Drivers
    - 4.5.1.1 Rising Demand for LNG
    - 4.5.1.2 Increased Consumption of LNG as Fuel in Singapore
  - 4.5.2 Restraints
    - 4.5.2.1 Highly Fluctuating Natural Gas Prices
    - 4.5.2.2 Rising Adoption of Renewable Energy
- 4.6 Supply Chain Analysis
- 4.7 PESTLE Analysis

### 5 MARKET SEGMENTATION

- 5.1 Product type
  - 5.1.1 Self-supporting
  - 5.1.2 Non-Self-supporting Tanks
- 5.2 Material type
  - 5.2.1 Steel
  - 5.2.2 Nickel Steel
  - 5.2.3 Aluminum Alloys
  - 5.2.4 Others

### 6 COMPETITIVE LANDSCAPE

- 6.1 Mergers and Acquisitions, Joint Ventures, Collaborations, and Agreements
- 6.2 Strategies Adopted by Leading Players
- 6.3 Company Profiles
  - 6.3.1 Market Players
    - 6.3.1.1 Rotary Engineering Pte. Ltd.
    - 6.3.1.2 Cryolor
    - 6.3.1.3 CIMC Enric Holdings Ltd.

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 6.3.1.4 Balanced Engineering and Construction Pte Ltd.
- 6.3.1.5 C-LNG Solutions Pte. Ltd.
- 6.3.1.6 Singapore LNG Corporation Pte Ltd.
- 6.3.1.7 Woodside Energy
- 6.3.1.8 Wartsila Corporation
- 6.3.1.9 Mcdermott International Inc
- 6.3.1.10 Linde PLC

## 7 MARKET OPPORTUNITIES AND FUTURE TRENDS

### 7.1 Development of Floating LNG Storage Tanks

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

**Singapore LNG Storage Tank - Market Share Analysis, Industry Trends & Statistics,  
Growth Forecasts (2025 - 2030)**

Market Report | 2025-04-28 | 95 pages | Mordor Intelligence

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

**ORDER FORM:**

Select license	License	Price
	Single User License	\$4750.00
	Team License (1-7 Users)	\$5250.00
	Site License	\$6500.00
	Corporate License	\$8750.00
		VAT
		Total

\*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

\*\* VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-02-26"/>
		Signature	

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

