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About Us

NEXGEN was established by the founder of **SGM Engineering & Construction Co., Ltd.**, a company with over 15 years of proven expertise in building petrol stations for leading brands in Thailand, including PTT, Bangchak, SUSCO and ESSO.

Recognizing LNG (Liquefied Natural Gas) as the energy of the future and observing its sustainable growth in industrial sector, The founder foresaw an opportunity to expand into this emerging sector. This vision led to the creation of **NEXXGEN GAS SOLUTION Co., Ltd.**, with the mission of advancing LNG infrastructure in Thailand.

To bring this mission to life, **NEXGEN** has assembled a team of professionals with over 6 years of experience in the LNG industry and entered into a **joint venture** with **SGM Engineering & Construction Co., Ltd.** to deliver professional and high-quality civil works.

Our Missions

To deliver high-standard LNG station construction solutions that combine engineering excellence, safety, and innovation. Creating lasting value for our clients, empowering industrial growth, and supporting a sustainable energy future.

“ We strive to become the most trusted
provider of comprehensive LNG solutions
covering tank & equipment supply,
construction, installation, and maintenance,
paving the way toward a cleaner and
more efficient energy future.

Our Strengths



Cost-effective proposal

We provide a cost-effective proposal tailored to your project needs.



Higher-Standard Equipment and Works

Use certified, higher-standard tank and equipment that ensure safety and durability.



Unique Station Design

Provide compact and flexible station layouts, customized to client needs, unlike standard solutions in the market.

1. Quick & Easy Installation
2. Minimized Installation Time
3. Clean and Neat Design

Our Services

LNG Station Construction

Turnkey LNG station solutions covering every stage of the project, including:



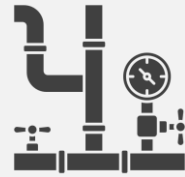
Civil Works

Construction of foundation and structural components required for LNG station setup.



LNG Tank & Equipment Supply

Reliable sourcing of higher-standard LNG storage tank and equipment.



Piping Installation

Safe and efficient installation of cryogenic pipelines with compliance to international standards.



Tank & Equipment Installation

Expert installation ensuring system integrity and operational efficiency.



Commissioning & DOE Permit

Final system checks and readiness certification to ensure safe operation, including applying for the required permit from DOE.



Maintenance

Ongoing technical support and maintenance services to ensure long-term performance.

Our Services

Total LNG Solutions



LNG Sourcing

Reliable LNG sourcing and supply tailored to the energy requirements of various industrial applications, with competitive and cost-effective pricing.



CNG-to-LNG Powered Truck Conversion

Conversion solutions for CNG-powered trucks to LNG systems, supporting improved fuel efficiency and longer driving range.



LNG Tank Repair

Exterior repair, dent correction, surface preparation & repainting, Perlite insulation servicing, and vacuum restoration.

Our Partners



LNG Tank & Equipment Manufacturing Partners

Specialized manufacturers providing LNG Storage Tank, Regasification systems, and related equipment.



Construction & Engineering Partners

Experienced subcontractors supporting civil works, piping, equipment installation, and on-site execution for LNG Station and Gas Station projects.



LNG Supply Partners

Reliable LNG sourcing through a PTT-authorized distributor, ensuring consistent and dependable supply for industrial customers.

Our Partners

Construction & Engineering Partners



Subcontractor



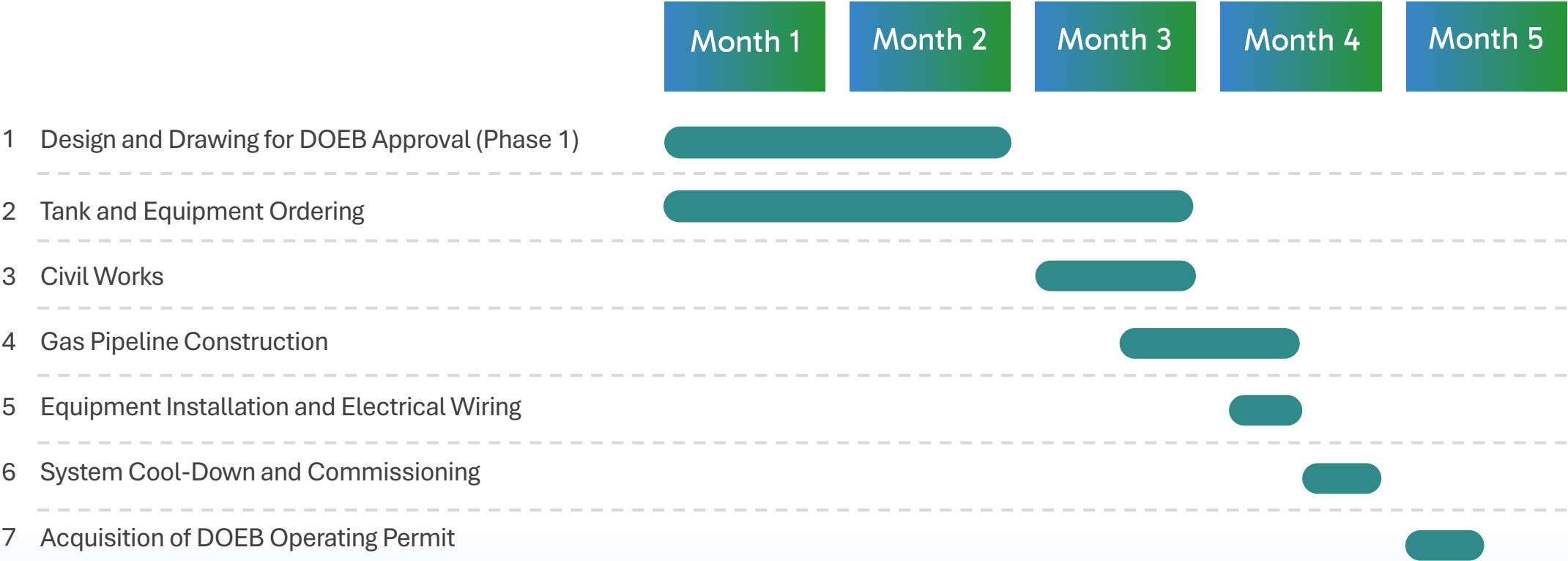
LNG Tank & Equipment Manufacturing Partners

Supplier



Project Timeline

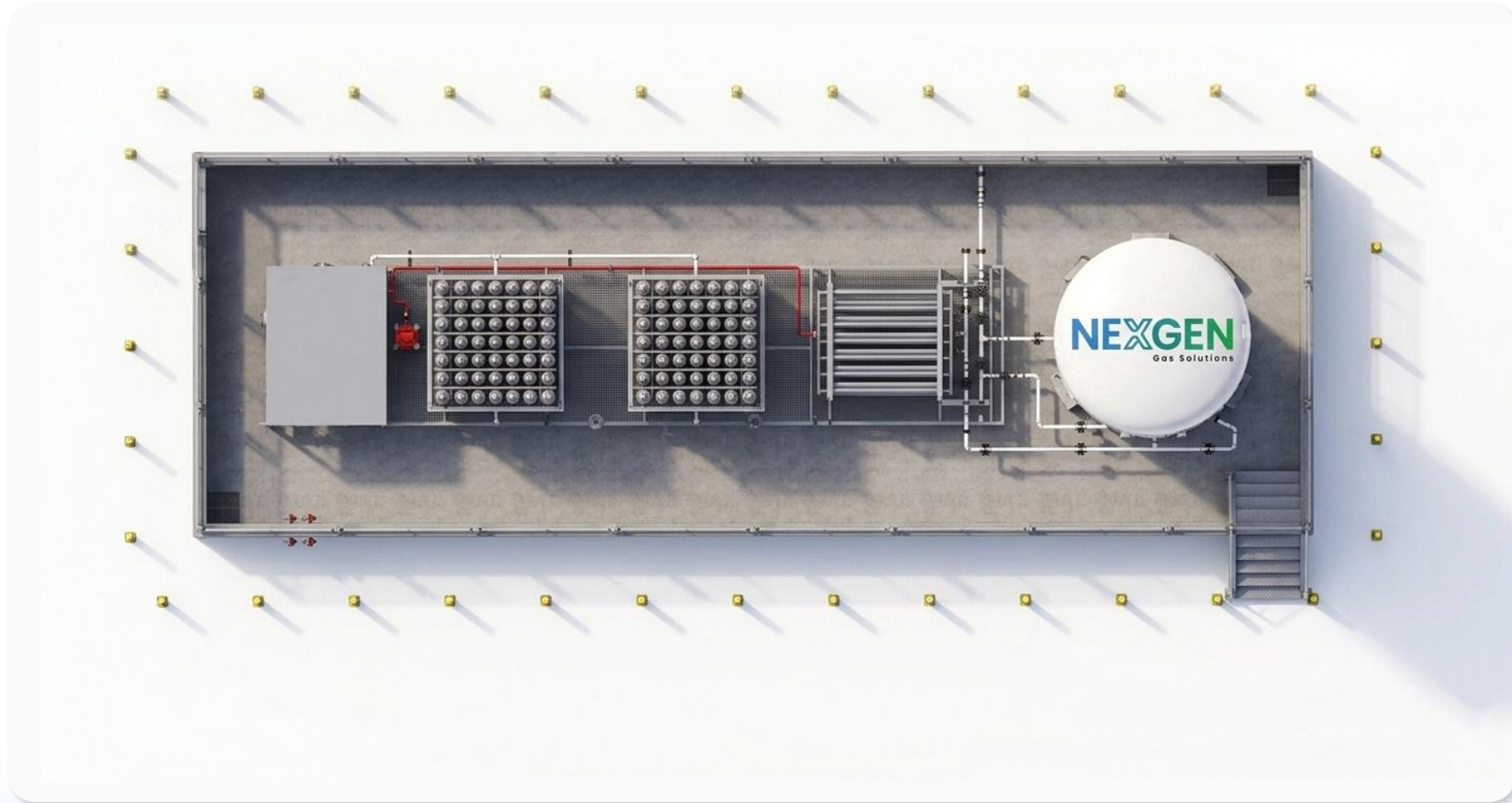
In general, an LNG Station construction project takes approximately 4-5 months to complete after the signing of the commercial agreement. For larger-scale projects or those with specialized requirements, the timeline may extend to ensure the highest standards of safety, quality, and compliance.



LNG Station 3D Model



LNG Station 3D Model



Key Components Of an LNG Station



Station Infrastructure

Foundation, bund wall, chain-link fencing, access stairway, guard post, and associated civil works.



LNG Storage Tank

Cryogenic storage system designed for the safe and reliable storage of liquefied natural gas (LNG).



LNG Vaporizer System

Regasification system designed to convert LNG from its liquid state into natural gas for downstream utilization.

Our Ongoing Project



LNG Storage and Regasification Station

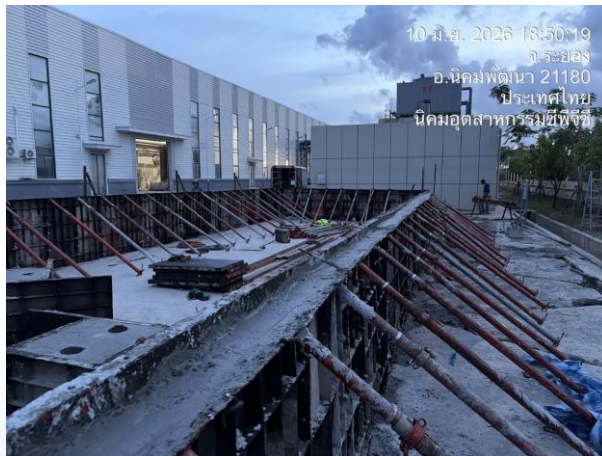
Estival (Thailand)Co., Ltd.



LNG Storage and Regasification Station

CPF Food And Beverage Co., Ltd.(CPF Chachoengsao)

Following the completion of the site survey, the construction area was secured and prepared for development. Foundation and civil works then commenced, including the LNG station foundation, bund wall, access stairway, and chain-link fencing.



Once the foundation and civil works are completed, the site is ready for the installation of the LNG Storage Tank and Regasification system.



The LNG Storage Tank is securely wrapped and protected during transportation to the project site to prevent damage and ensure safe delivery.



The LNG Storage Tank is carefully lifted and positioned using two cranes, with the operation carried out by experienced personnel under technical supervision to ensure safe and precise installation.





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