

NexxtGEN 

**Power Your Next Gen
Gas Turbine Generator**



About NexxtGen

Helmed by a team of dedicated managers, engineers, technicians spanning an entire career in the field of power generation and fuel system. We pride ourselves to provide invaluable experience and knowledge gained in the management of mega and challenging projects to our clients.



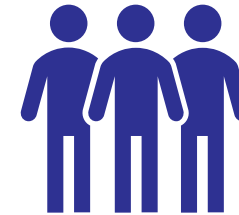
NexxtGen Pte. Ltd.
was incorporated in
2017



Certified BizStar
and ISO 45001



BCA ME05
registered
contractor in
Electrical
Engineering

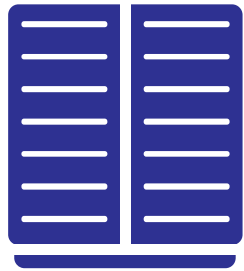


Total staff
strength: 53

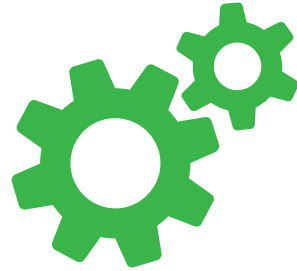
About NexxtGen



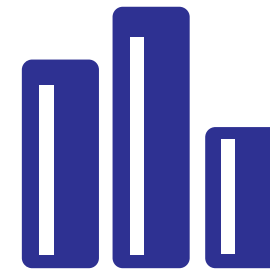
We supply both indoor or outdoor turbine generator and diesel generator system



We supply acoustic/weather proof enclosures, fuel storage bulk tanks and fuel distribution



We supply technicians for preventive maintenance of generator and fuel system



We supply exhaust chimney of Stainless Steel 304/304L or 316/316L double walled generator exhaust stack build and manufactured in the EU

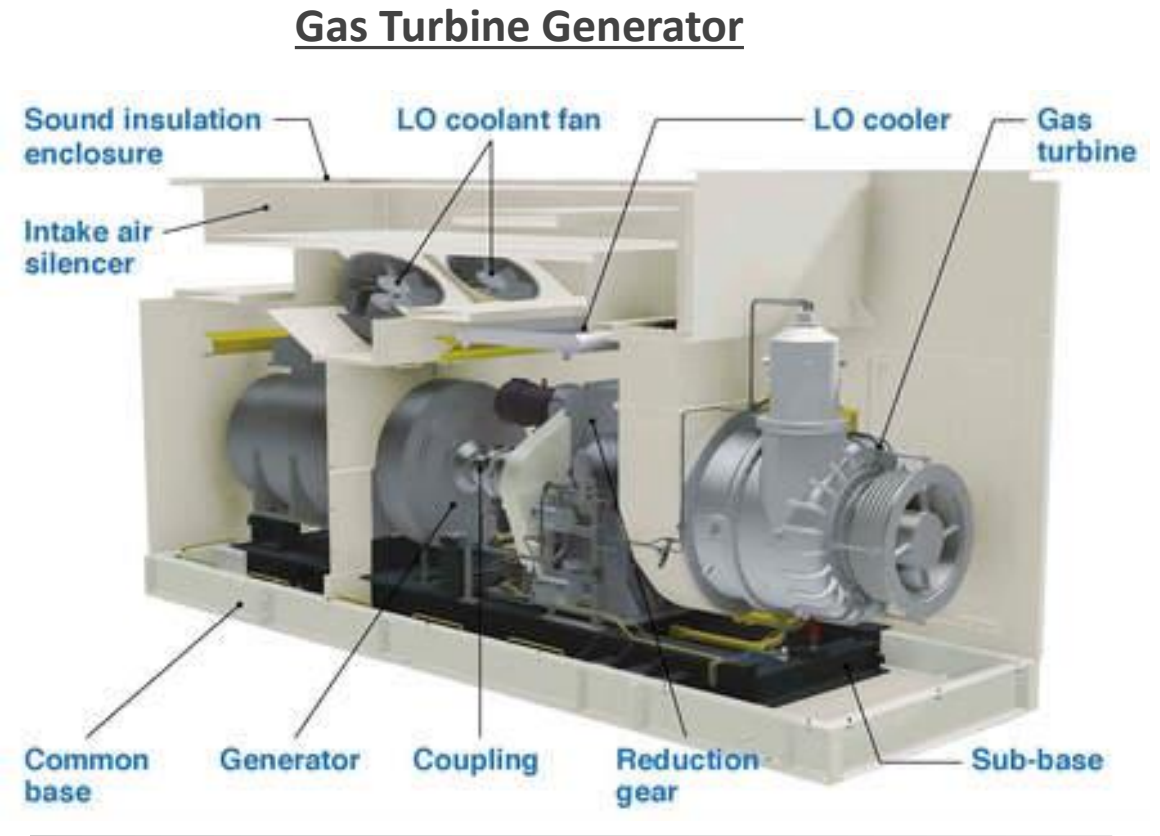


We provide project management for the site installation, testing and commissioning of generator and fuel system

Specialist Integrator of Power Generator

We are specialist integrator of:

- Niigata Power Systems – Gas Turbine Generator (GTG)
- This gas turbine generator is First of its kind to be supplied in Singapore with power rating up to a maximum 6500kVA. It's green, eco friendly & space saving



Products

Gas Turbine Generator:

- Advantages of Gas Turbine Generator Set Vs Diesel Generator Set
- Compact, light weight and space saving
- No cooling water and low vibration
- Low installation cost (Not necessary to build gantry & steel structures to support the generator set)
- Low fuel and lube oil consumption
- Green and eco-friendly (No need seek NEA approval)

製品紹介 Product introduction

環境との調和という永遠のテーマと取り組みながら発電用および船舶用に確かな実績を積み重ねています。
We are accumulating positive results in power generation and marine markets while grappling with the eternal theme of the harmony with the environment.

ディーゼル機関 Diesel Engines

排気ガス規制等を満足した高効率ディーゼルエンジン。船舶は低速・中速・高速主機及び輔機。陸用は発電用・ポンプ用・コンプレッサー用その他駆動力用として、国内外に供給。
High efficiency diesel engines, satisfying exhaust gas regulations supplied globally. Marine use: Low / Medium / High speed main propulsion engines and auxiliary generating engines. Land use: Power generation, Mechanical drive for pumps and compressors, and other power drive uses.

タグボート用ハイブリッド推進システム Hybrid propulsion system for Tugboat

Zペラとモーター/ジェネレーターを一体化して搭載し、駆動系(主機、モーター)・電圧調整器(ディーゼル発電機、コンバーター)・潤滑油(アムイオン)供給の他各部分で対応し、水密型に搭載可能とされています。
Motor/generator is installed as an all-in-one design with Z-PELLER®, and an efficient driving according to the situation is enabled by combining the driving source (diesel engine and motor) and the power supply sources (diesel generator, generator, and efficient lithium-ion battery).

Z形推進装置(“Zペラ”) Z-PELLER®

360度全方位に強力な推進力を得る推進システム。タグボート、サプライボートなどに搭載。
Propulsion system with 360deg Thrust in 360 degree for the tugboat and the supply boat, etc.

ガスエンジン・デュアル燃料エンジン Gas Engines・Dual Fuel Engines

天然ガス・都市ガスのほか軽油・LPG・ガスでも運転可能。水圧点火方式、マイクロピロット点火方式の他に、高効率燃焼システム(デュアル燃料エンジン)・船中低速主機(各電機推進)及び輔機、陸用は発電機として、国内外に供給。
High efficiency / Low emission gas-dual fuel engines supplied globally, operates on natural gas, city gas, and even on various low calorific gases, either spark plug ignition or micro-pilot ignition type. Marine use: Medium speed main propulsion (including electric propulsion) and auxiliary generating engines. Land use: Power generation.

ガスタービン Gas Turbines

高効率・低汚染発電機、ポンプ駆動用、空母発電機として使用されるコンパクトな構造の低負荷型ガスタービン。発電用発電機は、両方とも船舶・陸用・空母に供給可能として、ポンプ駆動用は船舶・陸用のポンプとして供給。空母発電機はコンパクトな構造となっており、

Compact and low environmental load type gas turbine used for emergency power supply, mechanical drive for pumps and continuous duty power generation. Emergency power supply: Co. offices, pumping stations, hospitals and other public facilities. Mechanical drive for pumps: Pumping stations. Continuous duty power generation: Usually supplied as co-generation system

発電用ガスタービン発電機CMTシリーズ Emergency Gas Turbine Generator CMT Series

CNT-6000EN

発電機発電機 ニイタソーラーガスタービンシリーズ Continuous Power Generation NIGATA-SOLAR Gas Turbine Series

部品 Parts

燃料噴射ポンプ、燃料、ガスレギュレーター及びダンパ

燃料噴射バルブ Fuel Injection Valves

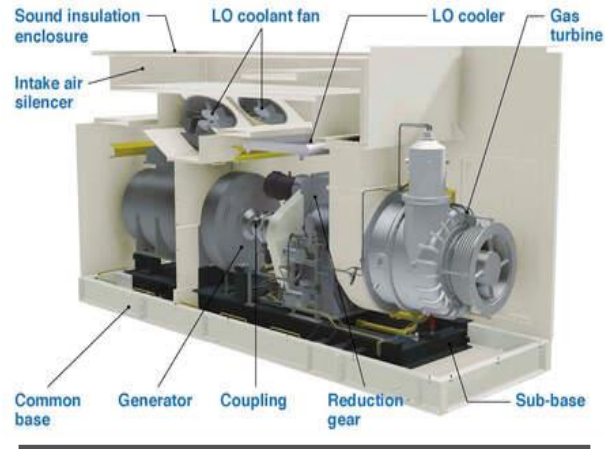
燃料噴射ポンプ Fuel Injection Pumps

ボイラリングコップ BOISLINGER Coupling

Products Gallery



Double Walled Stainless Steel 304/304L or 316/316L Generator Exhaust Stacks



Gas Turbine Generator



Fibre Reinforced Plastic Double Wall UL 1316 Fuel Tanks & BS Steel Single/Double Wall Tanks

Past Projects experience



Data Centers

- Microsoft Data Centre at Woodlands Phase 1 and 2
- SGDC (NTT) in Serangoon North
- Equinix Data Centre at Ayer Rajah Crescent
- Keppel Datahub in T20 Tampines
- Telekomunikasi Indonesia International (Telin) Singapore Data Centre
- Starhub at 7000 AMK
- Global Switch Singapore at Tai Sing Avenue



Airports, Hospitals and Infrastructure

- Changi Airport Terminal 3
- Changi Airport Terminal 4
- Changi Airport Terminal 1 extension
- Singapore General Hospital
- World Trade Centre at Harbor front for PSA
- Mandai Rock Tunnel for Defense, Science and Technology Agency
- Circle Line 3 and Kallang/Paya Lebar Expressway for Land Transport Authority
- Chestnut Ave and Upper Pierce Waterworks for Public Utilities Board



Financial Institutions

- Deutsche Bank at One Raffles Quay
- Barclays Bank at Marina Bay Financial Centre and Eightrium (Changi Business Park)
- DBS Bank at Changi Business Park
- American Express at Mapletree Business Center
- UBS in Suntec City
- Credit Suisse

Current Projects

- Data Centre at Loyang Drive – 5200 kW Gas Turbine Generators
- Data Centre at Loyang Drive – 2 x 2250 kVA, 400V Diesel Generators
- Data Centre at International Business Park – 2250 kVA, 6.6kV Diesel Generator
- Supply 3 x 318,000 liters vertical fuel bulk tanks and 7 x 20,000 liters of service tanks and fuel distribution systems at a Waterworks facility in Johor, Malaysia
- Supply multiple units of > 100,00 liters fuel storage bulk tanks and its associated fuel piping system for 5-Storey Data Centre at Loyang Drive
- Supply of Exhaust Flue chimneys for 68nos. Generator sets for Data Centres



Contact us

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