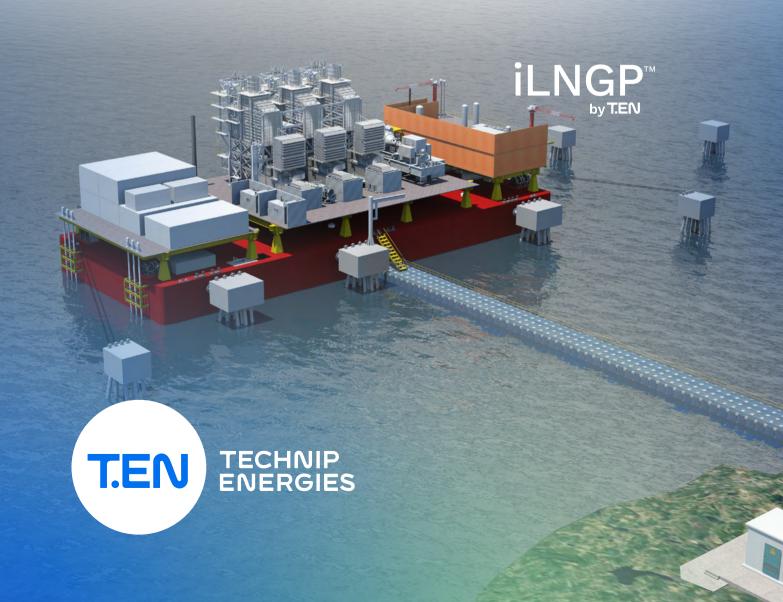


Affordable plug-and-play clean power. Now.



ILNGP by T.EN™: Innovative plug-andplay power solution

Enabling cleaner power production in remote or critical locations with plug-and-play floating solutions that simplify the traditional LNG-to-Power value chain.

An integrated LNG receiving terminal and power plant on a single barge:

- LNG receiving marine facilities
- LNG storage





Unlock clean power production for complex projects. Today.

SECURE PROJECT EXECUTION

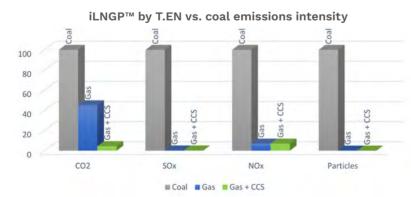
- In remote, complex environments, islands and archipelagos
- Where gas pipe is not economically viable
- Where gas is unavailable
- Where mining projects need clean power rapidly deployed

ENSURE PROJECT IMPLEMENTATION

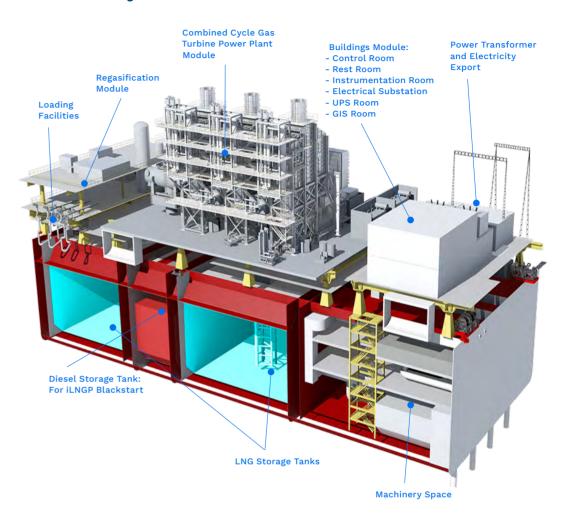
- Where local construction conditions are unpredictable
- Where LNG-to-Power unit may need relocation

PROTECT THE ENVIRONMENT

- Up to 20 times less CO₂ emissions than coal power
- No SOx, no particle, 15 times less NOx emitted
- No impact on harbor seawater temperature



Combined cycle base case 150 MW to 450 MW



iLNGP by T.EN™ features

- Scalable base case 150 MW to 450 MW CCGT with heat recovery enabling lowest LNG consumption
- Plug-and-play integrated solution, autonomous black start capability
- Extended range 50 MW to 1 300 MW for special applications
- Gas engine alternative
- One month minimum autonomy
- At-quay or nearshore jetty deployment
- Direct ship-to-ship LNG reception from LNG carrier
- Inherent safety, first design to receive Approval in Principle
- No seawater temperature impact with wet cooling tower option

2 • Integrated LNG-to-Power

Traditional solution vs. iLNGP by T.EN™



iRPB: Optimizing CAPEX and expediting delivery

A unique patented architecture combines the T.EN integrated regas and power barge (iRPB) with an standard LNG carrier providing ultra competitive large-scale LNG storage.

- Optimized integrated floating regasification and power barge (iRPB) without LNG storage
- Pre-owner LNG carrier as floating LNG storage
- State-of-the-art continuous LNG flow-tofeed iRPB from floating storage
- LNG delivery through conventional ship-to ship tranfer

CAPEX BREAKDOWN



I NG Carrie

BENEFITS:

- Major CAPEX reduction versus traditional LNG-to-Power architectures
- Lower levelized cost of energy (LCoE)
- Plug-and-play LNG-to-Power with reduced construction schedule
- Multiple fabrication yards capable of iRPB construction, lowering construction costs and reducing schedule
- Optimized energy efficiency with LNG cold energy used for cooling



CCS-iLNGP: **Flexible decarbonized LNG-to-Power station**

With CO₂ capture integrated onboard, the CCS-iLNGP is the first fully decarbonized LNG-to-Power integrated unit, featuring ultra-low CO₂ emissions and on-demand power on a plug-andplay prefabricated unit.



CCS-iLNGP main features

- Post-combustion CO₂ capture based on mature amine capture technology
- 90% of remaining CO2 in gas turbine exhaust captured, liquefied, stored and exported for sequestation
- Wet cooling towers prevent

- seawater temperature rise
- Highest possible efficiency with thermal integration between LNG regasification and CO2 liquefaction
- CO₂ sequestration locally or remotely

Our suite of iLNGP by T.EN™ solutions

We offer small- to large-scale power units based on combined cycle gas turbines for high energy efficiency, dual fuel gas engines that provide full flexibility and options for minimum environmental impact and affordable investment.

GUARANTEED COST, SCHEDULE AND PERFORMANCE

OUR BASE RANGE



"Affordable asset, simple operations"

SMALL-SCALE

- 30-~200MW typical power range
- Dual fuel gas engines
- Full flexibility to meet any power load factor 0-100%



"Reliable and high efficiency solution"

MID-SCALE

- 150-450 MW power range
- Marinized combined cycle gas turbines (CCGT)
- Exhaust gas heat recovery for high global efficiency
- Scalable modular design



"Customized to large-scale project"

LARGE-SCALE

- 650-1300 MW typical power capacities
- Customized design from project specific concept to FEED development
- Marinized combined cycle gas turbines (CCGT)
- Exhaust gas heat recovery for high global efficiency

ALTERNATES



IRPB (FLOATING REGAS POWER BARGE)

- Separate floating LNG storage
- Dual fuel gas engines or combined cycle gas turbines
- Competitive CAPEX and optimized schedule



CCS-ILNGP CARBON CAPTURE SOLUTION

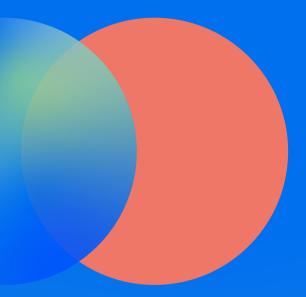
- Local CO₂ sequestration or liquid CO₂ export
- Recommended for mid-scale LNG-to-Power

OPTIONS

OPTIONS FOR LNG & POWER HUB

- LNG and / or natural gas delivery to shore for truck distribution, local industries or domestic gas needs
- Potable water production
- LNG bunkering hub
- Wet cooling tower for aerial cooling with no seawater temperature impact

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