



PRICO-PLUS® Liquefied Natural Gas (LNG) Production

LNG is a clear answer to the world's volatile gas supply-and-demand equation. Its challenge is infrastructure. For safe, efficient and economical solutions in LNG production, one company brings it all together: Black & Veatch.

An industry pioneer, Black & Veatch was involved in one of the world's first LNG facilities, in Algeria in the early 1960s. Since then, we have designed and built numerous base load, peak shaver and LNG storage facilities.

Our technical and mechanical design expertise encompasses:

- Low temperature equipment and materials
- Low temperature instrumentation
- Low temperature insulation
- Cryogenic piping
- LNG pumping
- LNG storage and loading facilities
- Large compressors, including electric, steam and gas turbine drivers

With Black & Veatch, you tap into our global LNG project experience that ranges from 4 MMSCFD to over 210 MMSCFD.

PRICO-PLUS® LNG Process

Our LNG process technology is ideal for producing LNG for:

- Peak shaving – Supplying gas during peak demand periods
- Vehicle fuel supply – Supply of cleanburning fuel
- Gas distribution systems and power generation – Supplying gas for new customers
- Enhancements to 40+ years of PRICO® process technology



BLACK & VEATCH



Advantages Of Our PRICO-PLUS® LNG Process

- Economy – The lowest capital cost of all competing technologies
- Simplicity – Single refrigeration system needs minimum number of equipment items and has a simplified control system
- Flexibility – Permits variation in feed gas composition and conditions, as well as LNG product
- Ease of operation – Allows for rapid startup and shutdown and has minimum downtime
- Reliability – Proven operation; needs fewer operating personnel

Black & Veatch LNG Leadership & Experience

- 50+ years in LNG industry
- 37 operating plants
- 10 plants in development
- 200 MM tons of LNG produced

Project Types

- Baseload/mid-scale/peak shaver natural gas liquefaction
- LNG transportation fuel facilities
- LNG regasification terminals
- Floating LNG facilities
- Sour/rich gas processing
- Sulfur recovery
- Gasification

Technology Leadership

- PRICO-PLUS® for liquefaction of natural gas
- LPG-PLUS® for liquefied petroleum gas (LPG) recovery
- PRICO-DMR® for baseload LNG liquefaction
- PRICO-NGL®/PRICO-C2® for ethane recovery
- STEP sulfur to power
- Heat-assisted ambient air vaporization (LNG)
- Integrated natural gas liquids (NGL) recovery in LNG terminals
- Integrated power generation/LNG terminals

Technology Focus

Black & Veatch is a global leader specializing in gas processing, sulfur recovery and LNG technologies. Our comprehensive design to turnkey construction solutions, backed by our proven performance in safety, reliability and environmental considerations deliver consistent value.

Execution Leadership

- 3,000+ assignments in more than 40 countries
- Proven performance in safety, reliability and environmental considerations
- Innovative execution capabilities

