LIQUEFIED NATURAL GAS (LNG) IMPORT TERMINALS

LNG import terminals are the link between the world’s natural gas reserves in one area and the growing need for economical and environmentally friendly energy in another. It is a link that Black & Veatch has been building and strengthening since our involvement in the first LNG terminal built in Korea.

In the early 1960s, Black & Veatch was an industry pioneer, involved in one of the world’s first LNG facilities in Algeria. Since then, we have designed and built numerous LNG-related facilities.

Our technical and mechanical design expertise encompasses:
- LNG storage tanks
- LNG unloading systems
- Low temperature equipment and materials
- Heat exchange equipment
- Low temperature instrumentation
- Low temperature insulation
- Cryogenic piping
- LNG pumping
- Boil-off gas systems

With Black & Veatch, you tap into direct experience gained from more than 16 terminal projects, ranging from 100 MMscfd to over 2 bcfd sendout.

A COMPANY OF FIRSTS
- First LNG terminal in Korea
- First terminal integrating LNG vaporization and power generation
- First offshore LNG terminal design for the U.S. Gulf of Mexico
- First terminal to get a Federal Regulatory Energy Commission (FERC) permit in the United States under the latest regulations
PATENTED TECHNOLOGIES/KNOW-HOW
- PRICO-NGL®/PRICO-C2® for ethane recovery from LNG
- PRICO-EX® for ethane export
- Ambient air vaporization for LNG
- Integrated power generation/LNG terminals
- LNG reliquefaction

BROAD BASE OF EXPERTISE
- Tanks – single, double and full containment
- Vaporization – seawater, submerged combustion and closed-loop systems
- Unloading – single and double berths, jetties and breakwaters

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, delivers consistent value.

PROJECT TYPES
- Base load/mid-scale/peak shaver natural gas liquefaction
- LNG regasification terminals
- Floating LNG production facilities
- Sour/rich gas processing
- Sulfur recovery
- Gasification

TECHNOLOGY LEADERSHIP
- PRICO®/PRICO-DMR® for liquefaction of natural gas
- LPG-PLUS® for LPG recovery
- STEP sulfur to power
- Heat-assisted ambient air vaporization (LNG)
- Integrated NGL recovery in LNG terminals
- Integrated power generation/LNG terminals
- FLARE BUSTER® GTL Liquefaction

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

BUILDING A WORLD OF DIFFERENCE®
Black & Veatch is an employee-owned, global leader in building critical human infrastructure in Power, Oil & Gas, Water, Telecommunications and Government Services. Since 1915, we have helped our clients improve the lives of people in over 100 countries through consulting, engineering, construction, operations and program management. Our revenues in 2015 were US $3 billion. Follow us on www.bv.com and in social media.