

CHILEAN LNG / CHILE



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The Chilean LNG Project consists of a new grass-roots LNG receiving terminal located at Quintero Bay, approximately 160 km north-west of Santiago, Chile. LNG carrier ships unload at a new jetty built at Quintero, into two storage tanks. Process facilities are installed to enable the LNG to be pumped from the storage tanks, vaporised and exported into the existing transmission system via a new pipeline.

The terminal is expected to meet 40% of Chilean gas demand, with an overall annual supply capacity of 2.5 million tonnes of LNG.

EPC CONTRACTOR
CB&I

END USER
GNL QUINTERO, A JV BETWEEN:
BRITISH GAS, ENDESA CHILE, ENAP, METROGAS

SOLUTIONS DELIVERED

Skema provision included 380V switchboards, interface panels and power transformers:

- 10 Power Motor Control Centers (50 columns and 200 drawers)
- 5 interface panels
- 4 power transformers

For this provision, Skema's PMCCs were successfully tested for seismic load for the following values:

- Peak Horiz. Ground Acceleration: 0.83g
- Peak Vert. Ground Acceleration: 0.59g
- Seismic Design Code: ASCE 7/IBC 2000

The strength of the structures was tested for:

- Resistance and stability for individual modules and for the various configurations
- Ground anchors
- Links between modules (bolts)
- Internal links to modules (rivets)

