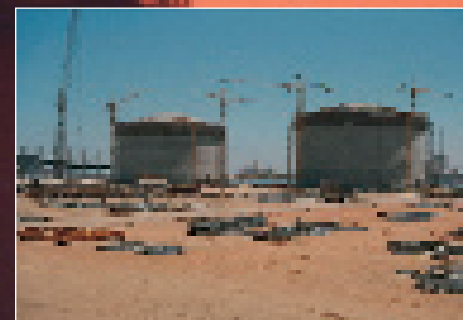
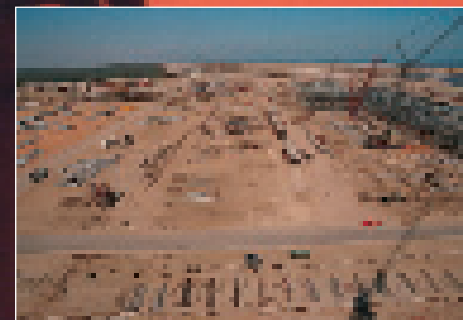
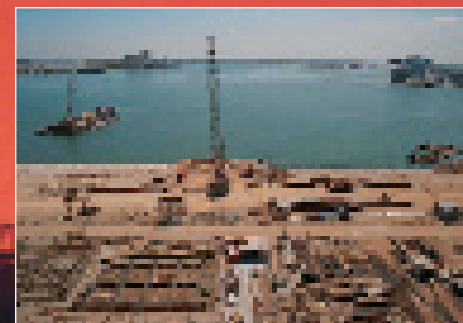


Egypt LNG

Grassroots facility at Damietta

The Egypt LNG project demonstrates that Foster Wheeler's offices around the world really do work together to develop optimum solutions to meet clients' requirements.



Union Fenosa is a large Spanish business group, present in diverse economic sectors and numerous markets, including power generation and gas distribution and supply. The company is currently developing a major project in Egypt to supply LNG to its power plants and industrial and commercial clients in Spain.



Neil Nicholson, project manager, FWEL.

Fast response

In September 2000, Union Fenosa Gas approached Foster Wheeler Iberia, based in Madrid, to provide project management services. Foster Wheeler Iberia, supported by Foster Wheeler in Reading, was able to respond very quickly, assembling a team with the necessary project management and LNG experience.

The Egypt LNG project is a \$1 billion grassroots project. The new facility is being constructed at Damietta in Egypt, located at the mouth of the Nile Delta, between Alexandria to the west and Port Said to the east. It is about 260 kms north of Cairo. St Francis of Assisi is claimed to have landed in Damietta en route to the Crusades in the 13th Century. These days, Damietta is well-known for its container port.

The new facility

This grassroots LNG complex comprises:

- Feed gas metering and treatment facilities
- A single train liquefaction plant, using APCI technology, with a nominal production capacity of five million tonnes of LNG per year
- Pre-investment for possible future addition of an identical second LNG train
- Associated offsites and utilities, buildings and Infrastructure
- Two 150,000 m³ LNG tanks
- LNG jetty and loading arms
- 125 Mwe power plant
- Administrative buildings, workshop, warehouse, etc.

Integrated team

Foster Wheeler personnel have been working with Soluziona Ingeneria, a branch of Union Fenosa Group, in an integrated project management team to manage the implementation of this project, in three phases:

Phase 1, which is complete, required management of two international EPC contractors who each prepared a front-end engineering design package in a design competition.

Phase 2, also complete, involved preparation of an invitation to bid, EPC bid evaluation and assistance with EPC contract negotiations.

Phase 3, managing the selected EPC contractor through the 35-month EPC phase, now in progress, up to provisional plant acceptance by the client.

On schedule

The project is proceeding on schedule, with engineering and procurement well advanced. All major items of equipment are on order and some are on their way to site. Testing of the refrigerant compressors is in progress. The main piperack has been erected and piping prefabrication underway.

The first LNG tank roof was raised on 29 March and the second roof was raised on 16 April 2003.

The team is now working towards the planned ready for start-up date of October 2004.