

International Reference List

8-7-2009

Project: Shell Eastern Petrochemical Complex (SEPC) *MEG* in Singapore

Engineering company / contractor: Foster Wheeler Energy Limited (United Kingdom)

Operating company: Shell (United Kingdom)

Project type: Oil & Gas (incl. Petrochemical, Refining, Pipelines, Offshore)

Scope: PFF

Year: 2007

Overview

The Shell Group is to make its largest-ever chemical investment in Singapore with the construction of a new ethylene cracker, one of the world's largest mono-ethylene glycol (MEG) plants, and modifications to an existing refinery. The integrated refinery and petrochemicals project, named the Shell Eastern Petrochemicals Complex (SEPC), is estimated to be completed by 2009-2010 and will serve as a crucial raw materials provider to Asia's growing chemicals markets. Specifically, it will produce fibre-grade MEG for the region's rapidly expanding polyester textiles and packaging industries.

The SEPC complex comprises three components that are being developed in parallel projects:

- * modifications to Shell Eastern Petroleum (Pte) Limited's refinery on Pulau Bukom to enable it to produce a range of olefin feedstocks;
- * a world-scale ethylene cracker;
- * a world-scale MEG plant using new proprietary technology.