

BP Nam Con Son Gas Treatment Plant Phase II – Dinh Co Terminal Expansion

Dinh Co, Vietnam



Client:

BP Pipelines Vietnam BV

Location:

Dinh Co, Vietnam

Project Value:

USD\$ 50 million

Project Scope:

Conceptual Design, FEED,
Detail Design & Procurement

Period of Work:

Phase II FEED & Detail - October
2006 - Ongoing

Project Description

The Nam Con Son Gas Project, the largest energy project ever undertaken in Vietnam, was developed by a joint venture of BP (Operator), PetroVietnam and others. In 2001, Uhde Shedden undertook the Phase I detail design of the onshore gas treatment plant and gas metering station and subsequently carried out de-bottlenecking studies of the facilities. Implementation of small modifications increased throughput by 20% for minimal additional capital investment.

Phase II

Uhde Shedden was initially awarded the conceptual design, wherein the optimum configuration for the second train was developed. This included improvements in the gas processing and liquids treatment section of the plant that lead to no additional gas compression facilities and substantial capital cost savings.

Subsequently Uhde Shedden was awarded the FEED and Detail Design & Procurement services, under a sole-source basis, for the Phase II development involving design of additional Gas and Condensates Treatment facilities as well as providing Procurement for all materials. Phase II treatment plant has a capacity of 740 mmscfd and consist of a common slug catcher, two trains of low temperature separation, gas-liquids stabilisation and condensate stabilisation.