

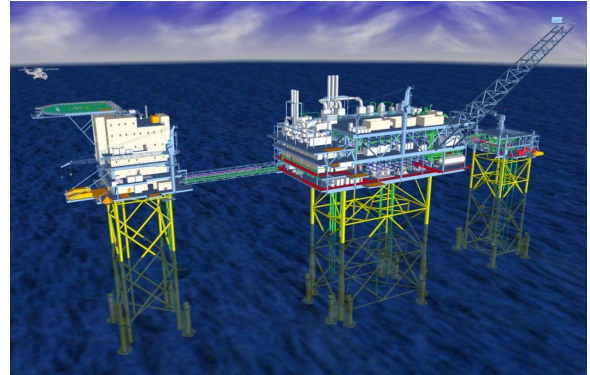
Deep Panuke Offshore Gas Processing Facility

Offshore, Nova Scotia



Stantec provided over 75 per cent of all major technical staff to a client/contractor integrated team to execute the engineering and procurement for the Deep Panuke facility.

Stantec, through a joint venture firm ACCENT Engineering Consultants, provided front end engineering, value engineering, cost estimating, and detailed design engineering for the EnCana Greenfield 300 MMSCFD Deep Panuke sour gas offshore processing facility. The facility design included unit operations for gas, liquid hydrocarbon, and water separation, sweetening, dehydration, sales gas dewpoint conditioning, compression, and all utility support. Also included were flowline and pipeline flow assurance, platform structural design, package management, project management, and construction management.



The offshore platform was designed completely using the modularization philosophy with significant consideration regarding mechanical handling due to the offshore location. We took the project through to the point where we were ready to procure major packages when client ownership changed and the project was put on hold to study outstanding questions about the reservoir.

Since that time, many aspects of our design have been carried forward through a new design-build-operate-own lease-back contract arrangement, and are currently being built. We continue to support the project team to evaluate development options, advance regulatory filings to project sanction, and provide project personnel as necessary. The project is now in post-sanction design and heading towards startup in late 2010.