

## REVIEW OF NATURAL GAS PIPELINE KWOEN GAS PLANT

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Client: Westcoast Energy Inc.

Description: SDE provided design review, stress analysis and design input for a 1000 PSIG, 20" diameter pipeline servicing the new Kwoen Gas Plant in Northern BC. SDE's input saved considerable cost and effort during the design phase by developing a file transfer protocol for importing the Westcoast's 3-D pipe model directly into Caesar for analysis. The timely analysis of different variation of the proposed pipe routing also saved considerable costs at road crossings and equipment tie-in locations.