



Australia Pacific LNG Project

Volume 3: Gas Pipeline

Chapter 1: Introduction



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1. Introduction

Australia Pacific LNG Pty Limited (Australia Pacific LNG) proposes to develop a world scale long-term coal seam gas (CSG) to liquefied natural gas (LNG) project in Queensland. The 30 year project will involve:

- Development of the Walloons gas fields in the Surat Basin in the Queensland Western Downs region with up to 10,000 CSG wells during the project life
- Construction and operation of a 450km main gas transmission pipeline to connect the Walloons gas fields with the LNG facility
- Construction and operation of a four-LNG production train LNG facility near Laird Point, Curtis Island near Gladstone for export of approximately 18 million tonnes per annum.

The environmental impact statement (EIS) is divided into six volumes as shown in Figure 1.1 .

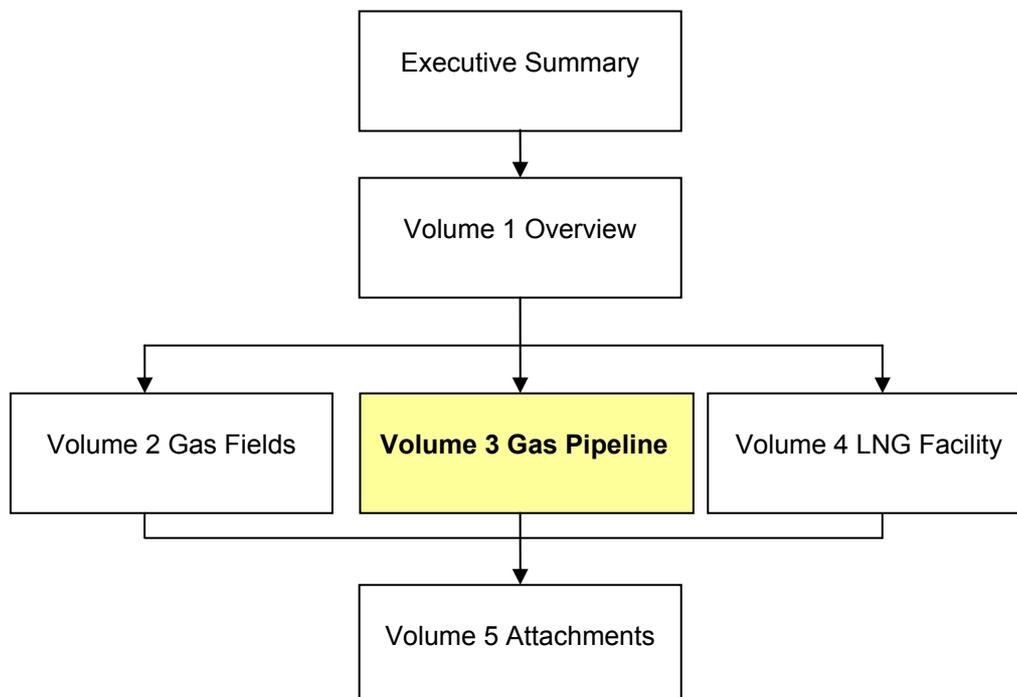


Figure 1.1 EIS structure

This volume details the main gas transmission pipeline (gas pipeline) which will be constructed and operated by Origin Energy on behalf of Australia Pacific LNG. This high pressure underground pipeline is approximately 450km long and will transport dehydrated and compressed CSG from the gas fields to the LNG facility. The gas pipeline route will traverse three local government areas – the Western Downs and Gladstone Regional Councils, and the Banana Shire.

The gas pipeline system will include:

- A 44km lateral pipeline connecting the Condabri development with the main pipeline
- A 38km lateral pipeline connecting the Woleebee development with the main pipeline

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- A 362km main gas transmission pipeline from the junction with the laterals (above) east of Wandoan to Curtis Island.

The purpose of this volume of the EIS is to identify and assess the environmental impact of the gas pipeline on the existing environment, including the surrounding social, economic and natural environment. The EIS must also address the terms of reference set by the Coordinator-General under Part 4 of the *State Development Public Works Organisation Act 1971*.

Subsequent to the impact assessment, recommendations for measures to mitigate, minimise or offset the potential adverse impacts have been identified. It is intended that this volume of the EIS will form supporting documentation for the approvals required for the gas pipeline as detailed in Volume 1 Chapter 2.

An environmental management plan is presented in Volume 3 Chapter 24. This outlines the safeguards and management actions that Australia Pacific LNG will adopt to protect the environmental and social values identified in this EIS.