Wheatstone Downstream







The Downstream scope includes the management and delivery of the onshore LNG and domestic gas facilities, site preparation and accommodation.

Scope

Construction of the Wheatstone Project began in late 2011. The onshore facilities are located at the Ashburton North Strategic Industrial Area, 12km west of Onslow on the Pilbara coast of Western Australia.

The foundation project will consist of two liquefied natural gas (LNG) trains with a combined capacity of 8.9 million tonnes per annum (MTPA), plus a 200 terajoule per day domestic gas plant.

The project has approval to produce up to 25 MTPA of LNG.

A 225km trunkline will connect the offshore processing platform to the facilities at Ashburton North.

Onshore

Once onshore, the gas and condensate will be further processed and stored for export. The initial onshore components include:

- slug-catcher to separate the gas and liquids
- two-train LNG processing plant
- domestic gas processing plant and pipeline connecting to the Dampier-to- Bunbury Natural Gas Pipeline

- LNG and condensate storage
- marine facilities including a shipping channel, turning basin, Materials Offloading Facility (MOF) and export jetty
- workforce accommodation village and associated infrastructure at Ashburton North.

Front end engineering and design

The front end engineering and design is being conducted by Bechtel onsite, in Perth and Houston.

First LNG from the Wheatstone Project is expected in 2016.



LEFT and ABOVE: The Wheatstone Project's two-train LNG facility at Ashburton North.

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