



GAS PIPELINES ACT 2000

NOTICE OF VARIATION NO. 4

of the

**PIPELINE LICENCE
(Construction)**

granted on

15 July 2008

to

TASMANIAN GAS PIPELINE PTY LTD

under the former name of

BBI TGP PTY LTD

ACN 083 052 019

Pursuant to section 23 of the *Gas Pipelines Act 2000*, the pipeline licence (construction) granted on 15 July 2008 to Tasmanian Gas Pipeline Pty Ltd under the former name of BBI TGP Pty Ltd has been amended such that a new Item 5 is inserted to Schedule 2 to include the addition of a new offtake facility to be constructed at Cressy as set out in the following 3 pages.

Raymond Chan

DELEGATE OF THE REGULATOR

24 December 2012

5. Tasmanian Gas Pipeline Offtake Facility at Cressy

OSD Asset Services Pty Ltd, on behalf of Tasmanian Gas Pipeline Pty Ltd, plan to supply natural gas to the TPI Enterprises Ltd (TPI) poppy processing plant at Cressy in northern Tasmania. The natural gas supply will replace the existing LPG supply to an existing boiler. Design provision will be made for supply to an additional future boiler.

In order for the gas to be made available, a new hot-tap connection and Offtake Facility is to be constructed onto the Tasmanian Gas Pipeline (TGP) within the TPI plant area at 702 Mount Joy Road, Cressy.

The new connection to the pipeline will be via in-service hot-tap tee welded to the pipeline including an isolation valve. From the valve the pipework will rise into a newly constructed above ground facilities, including isolation, filter and metering skid, and a separate heating and pressure control skid.

The filter and metering skid will become an asset of Tasmanian Gas Pipeline Pty Ltd on completion.

The heating and pressure control skid will be a TPI asset, but operated and maintained by Tasmanian Gas Pipeline Pty Ltd. The new Offtake Facility will be designed and built to AS2885 and AS4041, amongst other standards. The new Offtake Facility will not normally be manned but will be monitored, similar to the other facilities, on a 24 hour basis via Tasmanian Gas Pipeline Pty Ltd's SCADA system and control room operations.

Offtake Facility Description

This project consists of the following main components:

- Hot-tap connection from the TGP.
- Offtake Facility – this compound will be located directly adjacent to the TGP on the TPI facility site and adjacent to the existing LPG compound. This Facility consists of a filter, custody transfer metering, process heating, pressure control and pressure relief valves, isolation valves, and an associated Remote Terminal Unit (RTU) system located in a Control Hut. The piping and associated facilities will be supported above ground on skids, except for buried supply piping from the TGP and supply piping to the TPI boiler.
- A fibre optic compound built adjacent to the Offtake Facility compound, to house a fibre optic communications cabinet associated with the TGP.
- Most of the major equipment items are packaged onto skids built offsite and will be located in compounds that include buried site utilities, base course layers topped with crushed rock, pipe supports, drainage systems, and security fences.
- Gas is filtered and metered and then passed through to an electric heater before passing through two stages of pressure regulation. The first regulator stage reduces the pressure from a maximum pressure of 9,500 kPag to 2500 kPag. The second regulator stage reduces the pressure to 140 kPag for supplying the boilers to a normal operating temperature of 5°C.

The Control Hut contains electrical power distribution, smoke detection, telephone, communications and control cabinets. The main control cabinet contains a RTU and all hardware and equipment necessary to interconnect field instrumentation and communications equipment for the compound. A separate control cabinet is provided for the gas heater.

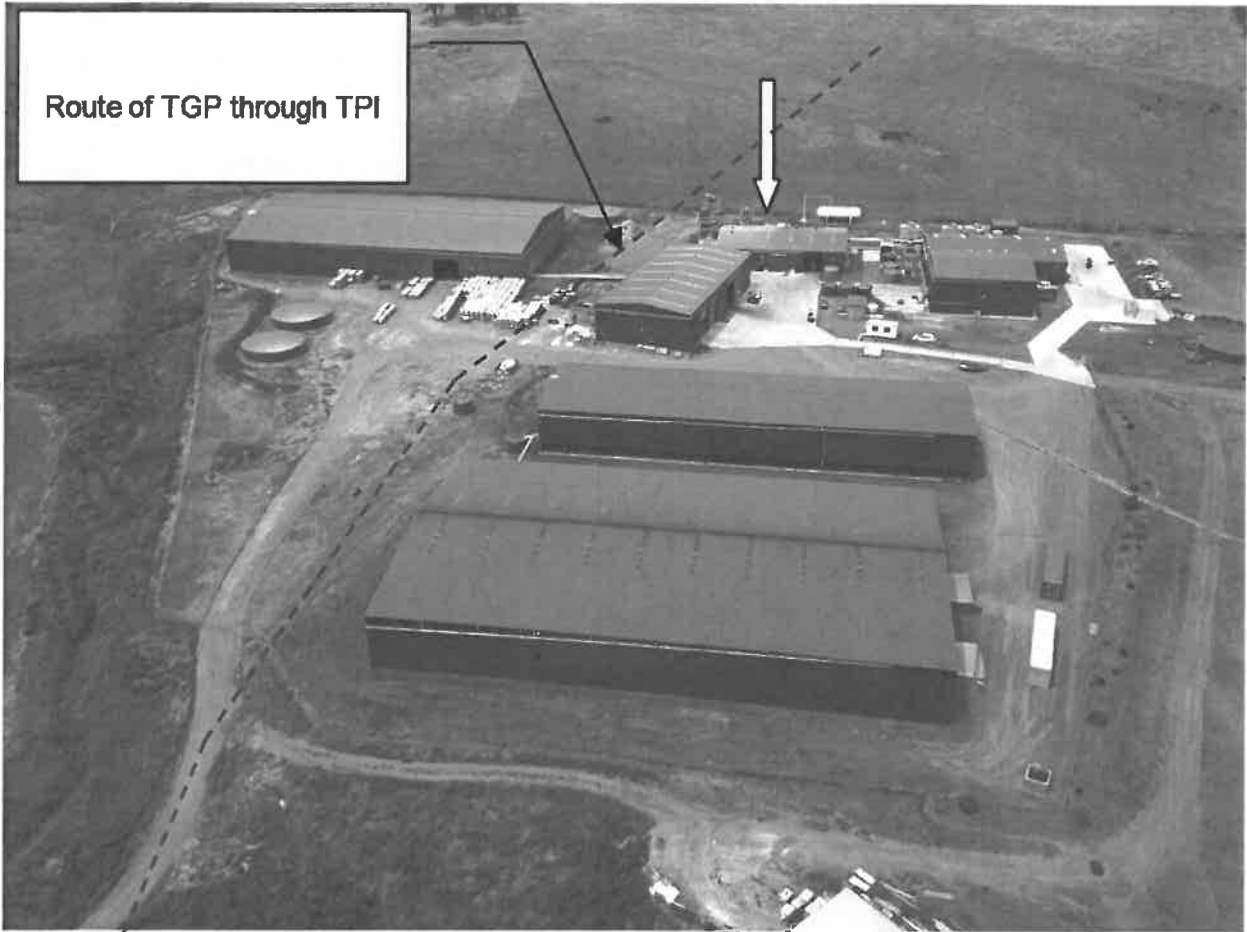
The compound has both vehicular and pedestrian access gates. The gates are fitted with security access monitoring.

Once the new Offtake Facility has been commissioned and the TPI boiler is operating with natural gas, the LPG facility will be de-commissioned by TPI. On removal of this LPG equipment, permanent site access will be through this area of the plant site allowing operations and maintenance personnel access to the new Offtake Facility compound 24 hours a day, 7 days a week, independent of the main TPI plant entry.

Attached Figures:

- Figure V-1: Overview of the TPI Enterprises Plant at Cressy (looking South)**
- Figure V-2: View West on the Offtake Facility Site**
- Figure V-3: Overall Isometric View of the Offtake Facility**

Figure V-1: Overview of the TPI Enterprises Plant at Cressy (looking South)



The arrow indicates the location of the offtake facility at the southern boundary of the TPI plant.

Figure V-2: View West on the Offtake Facility Site



Figure V-3: Overall Isometric View of the Offtake Facility

