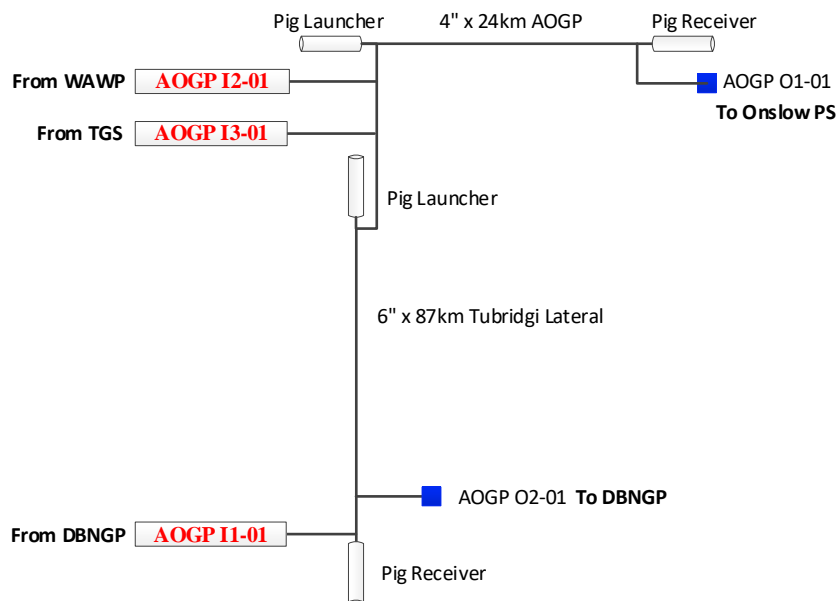


## Ashburton Onslow Gas Pipeline

### Pipeline Description

AOGP Pipeline System consists of the Tubridgi Lateral and AOGP Lateral and associated pig launching and receiving stations and interconnection pipework to other pipelines and laterals. It is a gas pipeline system with multiple inlet and outlet points and transport gas from either DBNGP (CS2), WAWP or TGS to Onslow Power Station and/or to CS2.

### AOGP Pipeline System Schematic



### The AOGP consists of the following pipelines, facilities and interconnections:

- 6" Tubridgi Lateral Pig Receiver Station
  - The Pig Receiver Station is located adjacent to DBNGP's Compressor Station CS2
  - Inlet connection to DBNGP at CS2 via AOGP Check Meter station (part of DBNGP PL40)
  - Outlet Connection from AOGP 6" Tubridgi Lateral to WAWP's 10" Ashburton West Lateral
- 6" Tubridgi Lateral
  - AOGP's 6" Tubridgi lateral connects Ashburton West Facilities (ASW) to the DBNGP at CS2.
  - It is a 87km x 6" DN150 Gas pipeline (PL16)
- 6" Tubridgi Lateral Pig Launcher Station
  - The 6" Tubridgi Pig Launcher Station is located within the ASW compound
  - This pig launcher station interconnect with the 4" AOGP Gas Pipeline, the Wheatstone Ashburton West Pipeline (WAWP) and Tubridgi Gas Storage (TGS)
- 4" AOGP Pig Launcher Station
  - The 4" Tubridgi Pig Launcher Station is located within the ASW compound
  - This pig launcher station interconnect with the 6" Tubridgi Lateral, the Wheatstone Ashburton West Pipeline (WAWP) and Tubridgi Gas Storage (TGS)
  - Odorant Injection Facilities to odorise gas to the 4" AOGP Lateral

- 4" AOGP Lateral
  - AOGP's 4" AOGP Lateral connects Ashburton West Facilities (ASW) to the Onslow Power Station via the custody transfer AOGP Meter Station (AOM)
  - It is a 24km x 4" DN150 Gas pipeline (PL16)
- AOGP Meter Station and Pig Receiver Station
  - The 4" AOGP Pig Receiver Station and the AOGP Meter Station (AOM) is co-located at Lot 557 on the Multi User Infrastructure Corridor (MUIC)
  - This is the custody transfer meter station for gas delivered to the Onslow Power Station

#### **AOGP Inlet and Outlet Points**

LOCATION	POINT DESIGNATION	DISTANCE FROM ASW (Pipeline kilometres)	DESCRIPTION
6" Tubridgi Pig Receiver	AOGP I1-01	87.0	Inlet point is at the downstream flange ZV1 within the AOGP Check Meter Station on the DBNGP (KP 272.694km)
AOGP Meter Station (AOM)	AOGP O1-01	24.0	Outlet point is at the insulating joint downstream of AOGP Meter Station, located inside the meter compound.
<i>Interconnect Inlet and Outlet Points</i>			
ASW	AOGP I2-01	0.000	Inlet point is located at tee junction upstream of the Shutdown Valve ZV501 on the AOGP Launcher
ASW	AOGP I3-01	0.000	Inlet point is located at tee junction upstream of the Shutdown Valve ZV501 on the AOGP Launcher
6" Tubridgi Pig Receiver	AOGP O2-01	87.0	Outlet point is at the connection flange upstream of ZV006 located on the interconnect flow control meter skid connecting the 6" Tubridgi Lateral with the 10" Ashburton West Lateral

#### **AOGP Pipeline System Capacity Services**

The following table shows the current available capacity services on the AOGP Pipeline System

Gas Inlet	Capacity Service	Inlet	Outlet	Capacity (TJ/d)
DBNGP	DBNGP to AOGP	AOGP I1-01	AOGP O1-1	9.6TJ/d Firm 11.7TJ/d Interruptible
WAWP	WAWP to AOGP	AOGP I2 -1	AOGP O1-1	14.6TJ/d Firm
TGS	TGS to AOGP	AOGP I3 -1	AOGP O1-1	14.6TJ/d Firm
	TGS to DBNGP	AOGP I3 -1	AOGP O2-1	14.9TJ/d Firm