



The Cygnus Field Development will have 2 drilling centres (Cygnus Alpha and Cygnus Bravo) and will include the installation of a central production/processing/accommodation facility in the East of the field and an additional satellite wellhead platform located in the West. A total of ten sub horizontal wells will be drilled from the two drill centres. The central Cygnus complex will include compression facilities.

Gas from the Cygnus Field Development will be exported via a new 50 km 24" pipeline connection to the Eagles Transportation System (ETS) pipeline with a piggable, equal "WYE" tie-in point approximately 1km north east of the Perenco operated Trent Platform. The gas is exported via the 165km, 24" ETS pipeline for processing at the Perenco operated terminal at Bacton in Norfolk

The Cygnus development was sanctioned in August 2012. Production start-up was achieved during December 2016.

Ullage availability table shown below is based on P50 forecasts. The potential for additional capacity in the Cygnus processing facilities is being studied.

Key Facts and Infrastructure Information	
Sector	Southern Gas Basin
Block	44/11 and 44/12
Distance to Land	Approximately 150km north east of Easington
Licence & Partnership	Licence P1055 ENGIE E&P UK Limited (Operator) 38.75% Centrica North Sea Gas Ltd 48.75% Bayerngas Europe Ltd 12.5%
Entry Specifications	Dry gas fluids with relatively low levels of H2S and CO2 can be accommodated.
Exit Specifications	Gas is required to meet the EAGLES entry specification for transportation through ETS. Refer to EAGLES operator (Perenco) for entry specification and available ETS capacity.
Primary Processing facilities	Alpha Complex Separation (2 Trains) Condensate Handling (2 Trains) Produced Water Handling Gas Compression (2 Trains) Gas Dehydration Bravo Complex Separation Condensate Handling Produced Water Handling Export Pipeline Capacity
Other Facilities	Gas Lift Capacity - N/A H2S Removal Capacity - NIL
Uptime	Target overall uptime of 90%

Capacity Projection							
Description	Unit	Max	Projected Ullage (% of maximum capacity)				
			2017	2018	2019	2020	2021
Alpha complex							
Gas handling	mmscfd	250	●	●	●	●	●
Condensate handling	bpd	750	●	●	●	●	●
Produced Water handling	bpd	1,000	●	●	●	●	●
Bravo complex							
Gas handling	mmscfd	150	●	●	●	●	●
Condensate handling	bpd	525	●	●	●	●	●
Produced Water handling	bpd	1,000	●	●	●	●	●
Infield Pipeline capacity	mmscfd	150	●	●	●	●	●

Available Capacities	
●	> 25%
●	5% to 25%
●	< 5%