

Holford Gas Storage Project

Gas Plant Infrastructure

Customer: E.ON Gas Storage

Services Provided

- Peer Review of FEED
- Design
- Detailed Engineering
- Procurement
- Construction
- Commissioning

Benefits to Customer

- Peer review team carried over to EPC team
- Local knowledge gained from adjacent gas storage project experience
- Gas processing experience
- Integrated Team Approach



Background

Underground gas storage is a vital element in securing the UK's energy future. EON is currently developing one of the UK's most flexible underground gas storage facilities at Holford in Cheshire. Once built, the development will be one of the fastest delivery facilities in the UK allowing a rapid response to daily fluctuation in gas demand. The facility comprises 8 separate underground caverns with a combined capacity of 162 Million Cubic Metres and a daily withdrawal rate equivalent to the domestic needs of 3.5 Million homes.

Costain has been awarded the EPCM contract to complete the gas plant infrastructure project.

Project Description

- Design, construction and commission the Gas Processing plant and associated infrastructure
- Complete modification works at all 8 wellheads in order to debrine the caverns
- Complete modifications works to all 8 wellheads to allow for gas trading
- Complete performance and reliability tests on completed facility

"E.ON have great pleasure in awarding this key strategic contract to Costain Oil, Gas & Process Ltd. We have been extremely pleased with Costain's flexible and collaborative approach during the early stages of the project and look forward to developing the relationship throughout the duration of the contract."

Mike Cooper (E.ON UK senior project manager)