

GAS COMPRESSION AND STORAGE

In a world in which safe and efficient storage of gas supplies is crucial, OSL has become a key player to which more and more people are turning.

Our work on underground gas storage caverns, depleted reservoir storage, LPG and LNG storage, LNG off-loading and gas processing facilities has seen OSL move to the forefront of specialist consultancies.

For example, we recently undertook a feasibility study and prepared the planning application and the environmental statement for a new gas storage and processing facility. (We are also one of the few consultancies that can provide a Strategic Public Affairs and Communications Package designed to support our client's public consultation and planning process).

This latest project consisted of a gas compression and treatment system to inject and withdraw gas to and from an existing reservoir to the National Grid.

The main process units were high pressure to achieve gas compression, hydrogen sulphide removal, hydrocarbon and water dew point control, fiscal metering, liquids separation and low pressure gas collection and re-injection.

The full extent of OSL's work included:

- Process modelling
- Equipment layout
- Power generation
- Control and instrumentation
- Equipment specification
- HAZID and COMAH
- Cost estimate
- Project planning
- Planning application
- Environmental statement

