

Trent Compression Project 44/24a
ES Web Comments

| | |
|--------------------------|---------------------------|
| ES Title: | Trent Compression Project |
| Operator: | Perenco UK Ltd |
| ES Report No: | D/2367/2004 |
| ES Date: | December2004 |
| Block Nos: | 44/24a |
| Development Type: | Platform Installation |

Synopsis:

The Trent compression project is located in Block 44/24a in the Southern North sea

The project comprises of:

- The installation of a small compression platform bridge-linked to the existing Trent platform.
- On the 30m x 30m deck of the compression platform a process module and two compression trains each capable of producing 2,000,000 m³/day will be installed.
- Each compression train consists of a 28.5 MW th Solar Mars gas turbine driving a compressor

There are no drilling or pipe laying activities associated with this project.

The compression platform will be installed in one installation and suction piled into the seabed.

The EIA identified the following activities as having the potential to cause an environmental impact.

- Tow out of compression platform,
- Platform installation,
- Lowering substructure and piling into seabed,
- Physical presence of new compression platform,
- Power generation
- Operation of new compressor

The potential impacts from these activities were addressed in the EIA. There are few areas of concern relating to this project, none of which are considered significant:

The following potential impacts were addressed in the EIA.

- Seabed disturbance, - minimal area of seabed to be disturbed during jacket installation.
- Noise – minimised during the installation of the jacket by using suction piling as opposed to the frequently used and considerably noisier hammer piling.

Atmospheric emissions - The atmospheric emissions arising from the installation of new power generation equipment are addressed in detail within their PPC permit application, currently under review. However, they intend to use low Nox turbines and therefore no significant concerns are expected.

- Discharges to sea – any operational discharges will be treated at Trent to less than 30ppm prior to any discharge.

- Protected Habitats – The location of the project does not fall into any of the categories listed in Annex I to the EU Habitats Directive.
- Biodiversity – The installation of the Trent Compression Platform will not result in a noticeable impact on a regional benthic populations
- Cumulative Impacts – The cumulative impacts from the installation of a small compressor platform are negligible.

This is a straightforward project with minimal impact on the environment none of which could be considered to be significant.

Consultees:

JNCC and Cefas responded with no concerns over the development of this project.

Recommendation:

On the basis of the information presented within the ES and advice from consultees it is recommended that the ES should be approved.