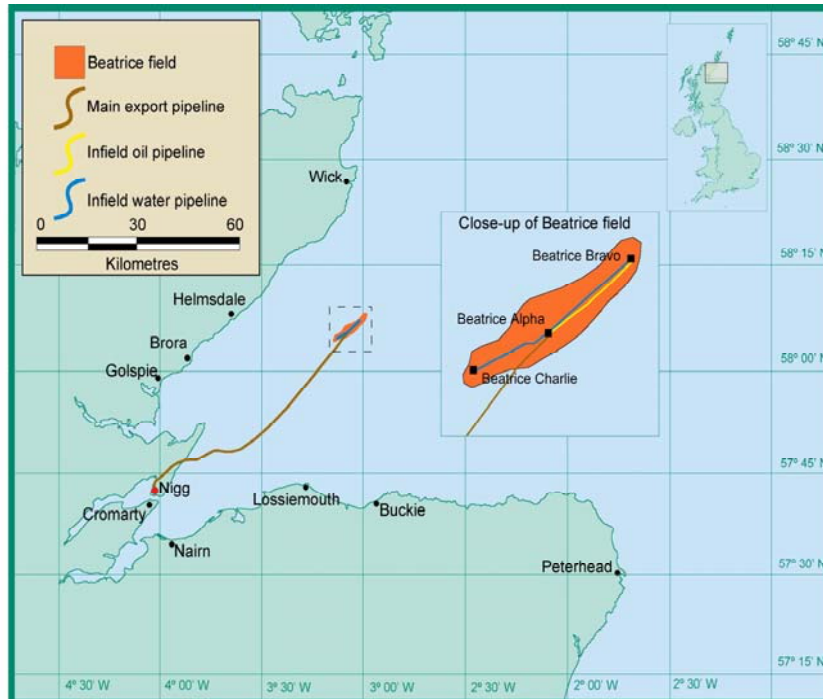


The Beatrice Wind Farm Demonstrator – Fact Sheet



Key statistics:

- The total cost of the Beatrice Wind Farm Demonstrator Project is £35million
- Funding has been provided by the EU (€6million), DTI (£3million) and Scottish Executive (£3million)
- The Wind Farm is located more than 23 kilometres from shore, in a water depth of approximately 45 meters
- The size of key components include:
 - Sub sea jacket height (including transition piece) – 70 meters
 - Piles – 44 meters below sea bed level
 - Tower height – 59 meters
 - Giving an overall hub-height of 87 meters above sea level
 - Rotor blade length – 61.5 meters

(Giving an overall height from sub sea to rotor blade tip, of 234.5 meters)

- Total weight:
 - Rotor blades and hub – 125 tonnes (blades are 17.5 tonnes each)
 - Turbine - 305 tonnes
 - Tower – 225 tonnes
 - Subsea jacket and associated equipment – 760 tonnes
 - Piles (4) – 120 tonnes each
- Power Produced – 5 mega watts for each turbine, giving a total of 10 mega watts for the Demonstrator Project.
This is enough power to provide about one third of the electricity need to operate Talisman’s Beatrice platform.
- Power costs – Talisman expects to pay about 7.5 million GBP for electrical power needed to operate Beatrice during 2006.

- Key suppliers:
 - REpower – turbine, tower and blades
 - Burnt Island Fabrication – sub sea jacket, transition piece and piles
 - Engineering Business - landing system
 - Isleburn Mackay and Mcleod - assembly contractor
 - Scaldis – tower installation vessel
 - Global Marine - cable installation contractor
 - JDR - cable supplier