



The UK Power Generation Expenditure Forecast 2010-2030

**Douglas –
Westwood**

Options, Technologies, Expenditure



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Notes and Acknowledgements

Acronyms & Abbreviations

BERR	the Department for Business, Enterprise and Regulatory Reform
BOP	Balance of Plant
CAES	Compressed Air Energy Storage
CAGR	Compound Annual Growth Rate
CCGT	Combined Cycle Gas Turbine
CCS	Carbon Capture and Storage
CFD	Computational Fluid Dynamics
CHP	Combined Heat and Power
CO ₂	Carbon Dioxide
DECC	the Department of Energy and Climate Change
Defra	the Department for Environment, Food and Rural Affairs
DNO	Distribution Network Operator
ECBM	Enhanced Coal Bed Methane recovery
EIA	Energy Information Agency
EPC	Engineering, procurement and construction
EU	European Union
EU ETS	European Union Emissions Trading Scheme
FEED	Front End Engineering Design
GB	Great Britain (England, Scotland, and Wales)
GDA	Generic Design Assessment
GW	Gigawatts
HRSG	Heat Recovery Steam Generator
EOR	Enhanced Oil Recovery
FAT	Factory Acceptance Test
FBC	Fluidized Bed Combustion
IEA	International Energy Agency
IGCC	Integrated Gasification Combined Cycle
IPCC	Intergovernmental Panel on Climate Change
ITER	International Thermonuclear Experimental Reactor
JET	Joint European Torus
km	Kilometres
kV	Kilovolts
kW	Kilowatts
LCPD	the Large Combustion Plant Directive
LNG	Liquefied Natural Gas
MMO	Maintenance, Modification, Operation
mmtpa	Million Tons Per Annum

m/s	metres per second
MW	Megawatts
NGL	Natural Gas Liquids
R&D	Research and Development
RO	Renewables Obligation
ROC	Renewables Obligation Certificates
RPV	Reactor Pressure Vessel
SIT	System Integration Test
UK	United Kingdom (England, Northern Ireland, Scotland, and Wales)

Data Sources

The information on power projects and prospects was taken from our databases on 1 September 2009. Data given elsewhere in the text are drawn from a wide range of publications. Where appropriate, the relevant source has been cited. This information has been supplemented by our own contacts with operators, contractors and suppliers.

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- Metric – when original units were given in feet, these have been converted to metres by applying a conversion factor of 0.3048. Miles have been converted into km at 1.6 km per mile. The oil industry convention of using inches when referring to pipeline diameters is observed.
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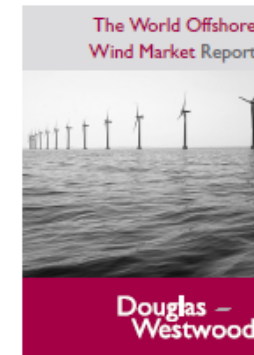
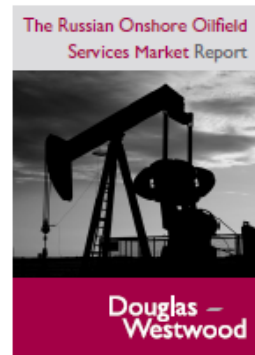
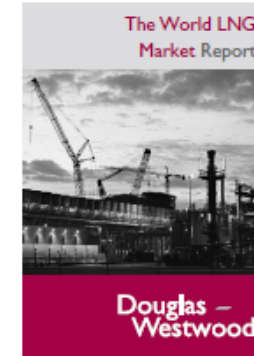
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