

Dec 09 Energy Seminar

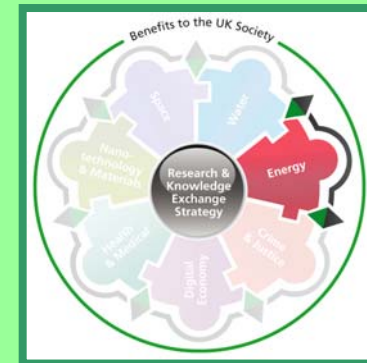
Speaker: Dr Cathy McClay - Head of Commodity Research, British Energy

Date: Wednesday 2nd December
Time: 1-3pm
Location: Oak Suite

"Meeting the challenges of a low carbon future"

The UK has set ambitious targets to reduce carbon dioxide emissions. As a result, by 2030 the UK will need a very different generation mix from that currently on the system. The current flexible gas and coal plant will be replaced by less flexible nuclear, wind and CCS generation. This move to less flexible generation will be accompanied by an increase in system uncertainty due to the intermittent nature of wind.

This presentation explores the challenges presented by the low carbon targets. Key issues discussed include: are there sufficient investment signals for generation; what are the challenges for network development; can the current market structure support a low carbon future.



Dr Cathy McClay - Bio

Cathy joined British Energy in November 2006 as Head of Commodity Research, responsible for modelling and analysis within the trading business. After the merger of EDF Energy and British Energy in January his year she was appointed as Head of Modelling an Analysis within Optimisation in EDF Energy.

Cathy has 10 years experience in electricity trading in the UK and Netherlands in a range of analytical and strategic roles. She began her energy career with Edison Mission Energy, gaining extensive experience of modelling a variety of assets and developing trading strategies for the pumped storage business. During her time with the company Cathy also obtained an MBA from Manchester Business School. She subsequently spent 1 year in the Netherlands with Nuon managing the Fundamental Analysis team.

Prior to joining the energy industry Cathy was an academic. She obtained her PhD in Electrical Engineering from the University of Cambridge and lectured at both the University of Cambridge and Imperial College, London.