

CHALLENGES & SOLUTIONS UK ENERGY TO 2050

Conference Programme
12 & 13 October 2005,
Burlington House

Wednesday 12 October 2005

Conference Programme

08.45 **Registration and coffee**

09.25 Richard Hardman
Conference Chairman's Introduction

09.30 Prof Andy Woods, BPI Cambridge
Overview: 'The challenge – the UK is no longer self-sufficient in energy. The gap between UK demand and indigenous supply is set to grow.'

DEMAND SESSION – Chairman, Martin Fry

Looking first to 2020, then on to 2050, what will the UK requirements for energy be by type, and to what extent will energy efficiency and other measures curb trends in demand?

09.50 Martin Fry, Vice President, Energy Institute
Session Chairman's Introduction

09.55 Tom Delay, Chief Executive Carbon Trust
Opportunities for energy and carbon reduction

10.20 Philip Sellwood, Chief Executive, Energy Savings Trust
Opportunities for energy and carbon reduction

10.45 Workshop discussion to address the session question

11.15 **Tea / coffee break**

NUCLEAR SESSION – Chairman, Professor Charles Curtis

What actions would need to be taken - and by whom - for the nuclear industry to generate economically competitive energy, acceptable on safety and environmental grounds?

11.45 Professor Ian Fells, FRSE
The future of nuclear power in Europe

12.10 Richard Mayson, Energy Unit Director, BNFL
The safety and costs of nuclear energy

12.25 Bruce McKirdy, Head of Science & Technology, Nirex
Safe long-term management of radioactive waste

12.45 Malcolm Grimston, Associate Fellow, Chatham House
Public perception and trust – issues and lessons for decision-makers

13.00 **Lunch**

14.00 Workshop discussion to address the session question
(**Chairman, Dr Feroze Duggan**)

15.15 **Tea / coffee break**

FOSSIL FUELS SESSION – Chairman, David Jenkins

What part will each of the fossil fuels play in supplying energy demand, and how will the fossil-fuel industry respond to the need to reduce emissions from not only its own activities, but also those of its customers?

15.45 David Jenkins, Director, BHP Billiton
Session Chairman's Introduction

15.50 Ian Vann, Group Vice-President Exploration & Renewal, BP
Oil & gas availability and supply

16.15 Mike Henry, Vice-President Marketing Energy Coal, BHP Billiton
Coal availability – costs and diversity of supply

16.35 Professor Rob Socolow, Princeton University
Emission free options for energy from fossil fuels – the issues for CO₂ sequestration

17.15 Workshop discussion to address the session question

18.30 **Drinks Reception followed by Conference Supper**
