Contents

July/August 2007

No. 351

Viewpoint

2 The Energy White Paper – a view from the industry Dr J M Farley

News

3 International news

BP/Rio Tinto's first 'decarbonised' power project study China's, India's renewable energy markets grow fast Hybrid-only taxicabs for New York City by 2012 European clean energy investment tops €1.9bn China moves into PV solar power production Record solar power installations underway in the US New power plants for Europe, Bahrain, Qatar Korea's nuclear industry 'a model' for the world – IEA

6 Home news

Energy White Paper meets general, but lukewarm, approval Advanced metering cuts carbon emissions
Trading scheme data confirms increased UK carbon emissions
Third of Europe's 'dirtiest' power stations in the UK
'Build sustainability into biofuel production' – insurer
Gasification plant for the Isle of Wight
Two utilities study plans for major 'cleaner coal' projects
Home in sight for Energy Technologies Institute

Features

- 10 Canada's oil sands the world's next major petroleum reserve?
 Gordon Cope
- 12 Could the world be starting to approach a production peak for coal?
- 15 We live in 'interesting (energy) times'

Professor Michael Tamvakis

16 The FutureGen Project – a US route to (near) zero emissions from coal

Andrew Cox

- 18 Sulphur in fuels permitted limits to be reduced again
 Tim Smith
- 19 How carbon finance could make wind energy viable in Argentina
 Gill Davies
- 20 Monitoring emissions from combustion plant Marcus Pattison
- 22 Renewable energy development in Taiwan and Vietnam a tale of two countries

David Hayes

Cover

The huge oil sands deposits of Northern Alberta in Canada could become one of the most important and strategic petroleum developments in the world over the next decade, if the infrastructure, cost and environmental problems can be overcome – see page 10.

Elsewhere in this fossil fuel-themed issue, Energy World looks at international coal reserves and production data, oil futures and how the US is planning to cut emissions from coal-fuelled power generation.

Photo: Shell Canada

The Energy Institute as a body is not responsible either for the statements made or opinions expressed in these pages. Those readers wishing to attend future events advertised are advised to check with the contacts in the organisation listed closer to the date, in case of late changes or cancellations.



Published by

Energy Institute 61 New Cavendish Street, London, W1G 7AR, UK e: info@energyinst.org.uk www.energyinst.org.uk

Editor

Steve Hodgson t/f: +44 (0)1298 77601 e: stevehodgson@btinternet.com

Editorial Officer

Louise Smith t: +44 (0)20 7467 7142 e: Ismith@energyinst.org.uk

Membership e: membership@energyinst.org.uk

Journal subscriptions Chris Baker

t: +44 (0)20 7467 7114 e: cbaker@energyinst.org.uk

Advertisement sales

Chris Bean, TenAlps Publishing t: +44 (0)20 7878 2415 e: chris.bean@tenalpspublishing.com

Printed by Thanet Press Ltd, Margate, Kent

President Sir John Collins FEI

Hon Secretary Joanne Wade FEI

Hon Treasurer Peter Newman FEI

© Energy Institute 2007
Opinions expressed in Energy World are those of the authors individually and do not necessarily express the views of the Energy Institute as a corporate body.

Terms of Control

Energy World is circulated free of charge to all paid-up members of the Energy Institute.

To libraries, organisations and persons not in membership, it is available on a single subscription of £115 for10 issues in the UK and £135 for overseas subscribers. Agency Commission – 10%. ISSN 0307-7942

Energy World is printed on wood-free, chlorine-free pulp sourced from a sustainable forest.

Energy Institute Registered Charity No. 1097899, 61 New Cavendish Street, London W1G 7AR, UK