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Cambridge June 23-24

CLEANPOWER & SMART GRIDS

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Venue: Cambridge University,
Murray Edwards College
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Sessions of the Conference Showcase

Day 1: Smart grids

1. Consumers, Policy challenges, utilities, low carbon cities, and smarter use of energy
2. Innovation in structural energy efficient design
3. Smart Energy Management - Smart Homes - Control Systems - Demand-side management
4. Grid development (investment trends, power distribution, standards & interoperability, key issues GW by GW)

Chairman: Prof Jim Skea, Research Director, UKERC

Keynotes: Stuart Cook, Senior Partner Smarter Grids, Ofgem; Dave Openshaw, Head of Future Networks, UK Power Networks; Dr Bernie Bulkin, Chair, Office for Renewable Energy Deployment, DECC

Day 2: Cleanpower

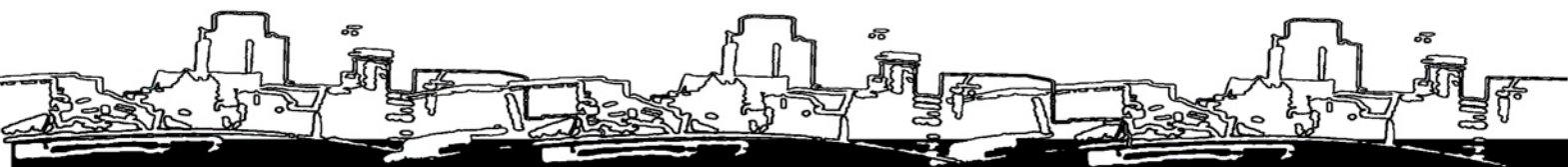
1. Clean power to grid (renewables, variability, forecasting, role of nuclear & fossil fuels, load management)
2. Wind (offshore to grid and case study)
3. Solar (markets and cities)
4. Future : Energy Gap (the problems, solutions and achieving security)

Chairman: Jeremy Nicholson, Senior Advisor, EIUG, EEF

Keynotes: Lord Oxburgh; Professor Michael Kelly, Cambridge University Engineering; William Nuttall JBS CU; Alan South, CD, Solar Century; Peter Sharratt, Global Dir Future Cities, WSP Group; Christine McGourty, Director, Energy UK;

Full Conference Programme
see next page

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Cambridge June 23-24

CLEANPOWER & SMART GRIDS

Conference Programme

Day 1: Smart Grids 2011



0930 - 0955 Registration & Opening Session Debate, Moderated by Dr Anthony White, ESNA

1000 Professor Jim Skea, Research Director, UKERC
 1010 Stuart Cook, Senior Partner of Smarter Grids, Ofgem
 1030 Dave Openshaw, UK Power Networks
 1050 Martin Pollock, Director, Siemens Metering

Chairman's Introduction
 Smart Grids – the consumer and policy challenge
 LCNF and How to Create a Smart LowC City
 Smarter Use of Energy: Where will the market take us?



1105 Panel Q&A 1125 Coffee break Session Two Structure and Design, Moderated by Jim Skea

1150 Robert Barnes, Director, ARM Holdings Plc
 1205 Darren Govey, Principal Engineer, Renesas Electronics
 1220 Professor Florin Udrea, Founder, CamSemi
 1235 David Paton, Partner, Venner Shipley

Energy Efficient Design
 Smart Grids Start With Smart Chips
 Designing Energy Efficient Power ICs
 Green Innovation and Intellectual Property



1245 Panel Q&A and Rapid Pitches

1305 - 1400 Lunch and Exhibition

Session 3 Measurement & Control, Moderated by Terry Rowbury, BEAMA

1400 David Lewis, Director, Schneider Electric
 1420 Pilgrim Beart, Founder, AlertMe
 1440 Mike Parr & Andres Larriera, Head of Smart Grids, Hitachi Europe Power Distribution & Network Control Systems
 1500 Panel Q&A 1530 Tea break

The Challenges and opportunities for networks and consumers
 How Consumers are driving the Smart Home



Final Session, Moderated by Dr Sarah Darby, Oxford University

1600 Alan Higginson, UK Power Networks
 1615 Genevieve Maltais-Boisvert, Novusmodus
 1630 Stephen Cunningham, Landis & Gyr, CEO UK & I
 1645 Dr Bernie Bulkin, DECC Chair ORED & Vantage Partners
 1710 Panel Q&A followed by drinks reception & day 1 close

Demand Side Management: case EVs
 Investment trends, drivers in smart grids
 Optimising The UK Smart Programme: Driving Interoperability
 2020 is Soon – Bridging our way to the future



Day 2: Cleanpower 2011

0930 - 0955 Registration

Opening Session Moderated by Jeremy Nicholson

1000 Jeremy Nicholson, Senior Adviser, EEF Energy Intensive User's Group
 1010 Graham Ford, CEO, Mansion Ecopartners
 1025 Michael O'Neill, Climate Change Capital
 1035 Andy Boston, Technical Head, E.ON New Build & Tech
 1055 Prof William Nuttall, Judge Business School Energy Gp

Chairman's Introduction
 Greening the Grid
 Cleantech investment & trends
 Balancing intermittency – the role for fossil?
 Nuclear power and the growth of large-scale variable renewables



1105 Panel Q&A 1125 Coffee break Offshore Wind and Solar Sessions, Moderated by Hugh Parnell, Cambridge Energy Forum

1150 Steve Clarke, Director, Mainstream Renewable Power
 1205 Matthew Knight, Director, Siemens Wind
 1220 Peter Sharratt, Global Director of Sustainability, WSP
 1235 Alan South, Commercial Director, Solar Century

Hornsea 4GW offshore wind farm - Smart Wind
 Offshore to Grid & Growth
 Solar and Future Cities
 Solar growth in 2011



1250 Panel Q&A and Rapid Pitches

1310 - 1410 Lunch and Exhibition

Final Session, Moderated by Christine McGourty, Director, Energy UK

1410 Christine McGourty, Director, Energy UK
 1415 Professor Michael Kelly, Cambridge Uni (ex-CSA DCLG)
 1435 Lord Oxburgh KBE FRS

Moderator's Intro: Big 6, cleaner power & new smart grids
 Energy Gap Reality & Solutions
 Is there Time?



1500 Panel Q&A

1530 Jeremy Nicholson, Senior Advisor, EEF

Chairman's Summary

1540 Drinks reception & close

