

# TRANSMISSION ACCESS – CUSC AMENDMENT PROPOSALS

## Nominees for Working Group Membership

### CAP161-164 Working Group

1. James Anderson	Scottish Power
2. Bob Brown	Good Energy
3. Graeme Cooper	Fred Olsen
4. Tony Diccio	RWE npower
5. Richard Ford	RES
6. Garth Graham	SSE
7. Paul Jones	E.ON UK
8. Simon Lord	First Hydro
9. Paul Mott	EDF Energy
10. Rekha Patel	Welsh Power
11. Rob Rome	British Energy
12. Tim Russell	Sembcorp
13. Helen Snodin	SSE (SRF)
14. Merel van der Neut Kolfshoten	Centrica
15. Barbara Vest	Gaz de France

### CAP165-166 Working Group

1. James Anderson	Scottish Power
2. Graeme Cooper	Fred Olsen
3. Stuart Cotten	Drax Power
4. Sebastian Eyre	EDF Energy
5. Nick Frydas	Merrill Lynch
6. Garth Graham	SSE
7. Paul Jones	E.ON UK
8. Simon Lord	First Hydro
9. Cathy McClay	British Energy
10. Fiona Navesey	Centrica
11. Bill Reed	RWE npower
12. Ed Reed	Smartest Energy
13. Helen Snodin	SSE (SRF)
14. Lisa Waters	Welsh Power
15. Barbara Vest	Gaz de France

### CAP161-166 Enabling Sub-group

1. Graeme Cooper	Fred Olsen
2. Paul Jones	E.ON UK
3. Alan Kelly	Scottish Power
4. David Lewis	EDF Energy
5. Robert Longden	Airtricity
6. Simon Lord	First Hydro
7. Frank Prashad	RWE npower
8. Louise Schmitz	British Energy
9. Nigel Scott	SSE (SRF)
10. Dennis Timmins	RWE npower
11. Dave Wilkerson	Centrica
12. Barbara Vest	Gaz de France

## **Summaries of relevant experience and expertise**

### **James Anderson**

Commercial and Regulation Manager (Electricity) for ScottishPower Energy Wholesale. 15 years with ScottishPower within the generation and wholesale businesses. Involved in all major industry change (1998, NETA, BETTA). Former member of the Modification Panel of Settlement Agreement for Scotland. Extensive experience on electricity balancing and settlements. I am closely involved in connection issues for ScottishPower's extensive renewable generation programme and in particular with issues arising from the GB Queue and transmission charging issues.

My previous membership of CUSC Working Groups includes; CAP143 Interim TEC Rights, CAP148 Deemed Access Rights for Renewable Generators and CAP149 TEC-Lite all of which are directly relevant to the access issues being addressed by amendment proposals CAP161-166. I was also involved in the development of CAP157 Extension of Qualified Company Definition.

I am a member of CISG and TCMF, and have also served as a member of the CUSC Transmission Access Standing Group.

### **Bob Brown**

Bob is a CUSC Panel member, and his nomination has additional support from Smartest Energy, Bizz Energy, Utilita and GDF ESS. Besides a general interest in market structure, some of the independent suppliers are impacted by these proposals as project developers. As suppliers they will also be directly impacted by any impacts on TNUoS and BSUoS.

### **Graeme Cooper**

I have been directly involved with the BWEA and SRF activities on grid over the past 18 months as the Head of Grid, Health & Safety and Technical Affairs at the BWEA. I have been to most of the industry seminars and met most of the stakeholders. I have responded to consultations on behalf of industry and plan to continue to respond to consultations in my role on behalf of Fred Olsen Renewables.

### **Stuart Cotten**

I am the lead contact for code regulation at Drax, responsible for the identification and assessment of potential business risks associated with the modification of industry codes (including the CUSC). I have been involved in the Transmission Access Review since the initial Ofgem/BERR Call for Evidence and I have attended all Ofgem/BERR and National Grid seminars and workshops to date.

Drax Power Limited is unique in that it is the owner and operator of the largest independent power generation asset in the UK, with all of its TEC (4,000MW) assigned to a single node/zone. I believe that my independent views, combined with the understanding of the potential transmission access issues that a large, independent generator may face, will add value to working group discussions.

## **Tony Dicicco**

CUSC Panel member with nearly 20 years experience in the electricity industry. I have been a member of many industry working groups including the Transmission Users' Group and have chaired 2 CUSC Working Groups (CAP 146 and CAP 149). I also work on the supply side of the business and can give the retail perspective.

## **Sebastian Eyre**

BSC Panellist, former lecturer in economics at the London School of Economics.

## **Richard Ford**

Richard has extensive relevant experience. He has previously been an alternate member of the CUSC panel and has served on numerous working and standing groups. Most recently he has served on the working groups assessing CAP131 (User Commitment for New and Existing Generators), CAP143 (Interim Transmission Entry Capacity ("ITEC") product) and CAP 48 (Deemed Access Rights to the GB Transmission System for Renewable Generators).

Richard was one of the proposers of CAP143 and presented the proposal to the CUSC panel.

Richard has been involved in all major industry meetings addressing transmission access including the original CUSC Standing Group (TASG). Recently this has included membership of the Transmission Access Working Group (TAWG), the Transmission Access for Distributed Generation Group (TADG) and the Access Reform Options Development Group (ARODG). Richard is a member of the grid strategy groups of BWEA, SRF and the Renewables Advisory Board.

*Richard's nomination is supported by BWEA, SRF and RAB.*

## **Nick Frydas**

Dr. Nick F Frydas CEng MIEE, is a Power Systems Engineer and Power Systems Economist by Academic Training. He has more than 20 years of professional experience in Utilities and Electricity Markets business. He has spent several years in Transmission Planning and System Design and Analysis and in the period 1997-1999 has served as Senior Engineer with Commercial & System Strategy Dept. of NGC based in Coventry. Subsequently he has worked as Transmission Access and Regulatory issues Manager of EDF Trading Ltd. and was a member of Ofgem's Transmission Access Standing Group (2001-2004). Currently he is Regulatory Issues Manager with Merrill Lynch Commodities and a member of EFET's Electricity Committee. He is actively participating in Working Groups regarding Congestion Management and Third Party Access issues in the Electricity Regional Initiatives of ERGEG, in the France - UK - Ireland, North-West, Central-East and Central-South Europe.

*Nick's nomination is endorsed by EFET.*

## **Garth Graham**

Garth has worked in the Electricity Industry for the past 16 years in various positions. During this time he has undertaken a number of roles covering many aspects of energy trading, regulation, generation, supply and charging.

Since NETA Go-Live Garth has been involved in assessing and responding to Modification Proposal consultations associated with the CUSC, Grid Code and BSC. Garth has participated in numerous industry groups over the years, such as being Secretary to the Joint PES Workstream: Meter Operator Working Group (July 1996 – February 1998). More recently Garth has been a member of a variety of industry groups, including various BSC Modification Groups as well as CUSC Working Groups and has been a CUSC Panel member since 2005.

Garth is also actively involved in the emergency arrangements for the industry and is a member of “E3C”, the Energy Emergencies Executive Committee (as well as two of its ‘sub’ groups, covering Electricity and Gas & Electricity Interactions) and has been involved with its predecessor bodies since 1999.

Recently Garth has been seconded, part time, to the Department of Business, Enterprise and Regulatory Reform to assist in the preparations for a major Government exercise looking at the consequences that arise from a Black Start event as well as other emergency arrangements including the Fuel Security Code.

Garth has an interest in new technology and has been an Independent Assessor for the Department of Business, Enterprise and Regulatory Reform’s Technology Programme (and its predecessor) since 2001 and more recently for the Department’s Hydrogen, Fuel Cells and Carbon Abatement Technologies (HFCCAT) demonstration programme.

## **Paul Jones**

I have been a CUSC Panel Member since 2003 and have worked in the Electricity Industry for almost 17 years, formerly at the Office of Electricity Regulation and for the last 12 years at E.ON UK (formerly Powergen UK).

As well as Panel duties, I currently deal with trading arrangements issues for E.ON UK, a large proportion of which relate to electricity transmission. I have attended National Grid’s Transmission Charging Methodology Forum since 2002 and am a member of the Charging Issues Standing Group.

In the recent past, I have been a member of the Transmission Access Standing Group and various CUSC amendment groups, as well as Ofgem’s Transmission Access for Distributed Generation and the Access Reforms Options Development groups.

## **Alan Kelly**

I have been employed in the UK electricity industry since 1991 and during this time have held posts with 2 of the UK's largest electricity utilities. In various posts, I have been involved in the introduction of supply competition, NETA and BETTA.

As well as the grid policy aspects of my current role, I have been heavily involved in grid agreement negotiations (with TSO, TOs and DNOs), including negotiating financial security arrangements. In addition, in a previous role as Connections manager I was responsible for connections policy and directly managing agreements with renewable generators through the SRO process. I developed and implemented a 'competition in connections' policy, amongst others.

In my current role, I am responsible for interpreting and disseminating information on consultations and grid arrangements within our business and formulating our position on them, with a view to influencing the arrangements to better facilitate the connection of increasing levels of renewable electricity generation. This covers the range of current issues, including onshore grid arrangements, offshore grid arrangements and distribution arrangements. I try to participate fully in the issues by attending as many of the relevant meetings, conferences and workshops as possible. The Iberdrola Group's global renewable interests enables me access to grid expertise and best practice beyond the UK.

I am a member of the Scottish Renewables Forum's Grid Group and the British Wind Energy Association's Grid Strategy Group and regularly attend, and contribute at, group meetings. I have also represented SPREL at various other industry groups, such as the RAB Grid Group.

I am a degree qualified, chartered mechanical engineer and have completed an MSc in Management and Technology. This post-graduate course included studies in the economic regulation of utilities.

## **David Lewis**

His analysis on BSC cashout modification 211 was nationally renowned and acknowledged by Ofgem as of high quality. David has served on BSC zonal losses groups and has just completed a six month secondment to the Climate Change Committee at Defra, advising them on, inter alia, Grid integration issues in relation to renewables.

## **Robert Longden**

I hold the position of UK Regulatory Affairs Manager for Airtricity. This encompasses, *inter alia*, Regulatory Strategy, Trading Arrangements development and ongoing engagement with National Grid's connection, charging and operational processes.

I have been a key contributor to a number of Industry fora and Working Groups including ARODG, TADG, the Grid Queue reform process, the development of the Offshore Transmission Regulatory Framework, the offshore Grid Code and SQSS Working Groups, together with various renewables-relevant CUSC Amendment Working Groups.

Part of my role involves the preparation of responses on behalf of the Company to Government, Ofgem and National Grid Consultations, such as the Energy White Paper, Reform of the Renewables Obligation and ERGEG initiatives involving EU market liberalisation. This requires a detailed understanding of strategy, policy, economic and technical issues together with their business implications.

I am a Chartered Engineer and hold an MBA from Warwick. My career experience includes senior positions in Energy Trading Risk Management, international merger and acquisitions management, pricing and economics responsibility for a £1bn retail supply business, Regulatory Affairs Management and responsibility for Generation Asset Strategy - in a major multi-national utility. My previous engineering career included design and managerial roles in the Transmission Division of the CEGB. This experience enables me to bring both a wide and deep perspective to energy market reform issues.

## **Simon Lord**

Proposer of modification that dealt with transmission access disconnection:

- CAP048 – Firm Access and Temporary Physical Disconnection

Working group member for the initial short term access product and proposer of the accepted alternative:

- CAP070 – Short Term Firm Access Service
- CAP073 – Short Notice Short Term Firm Access Service

Proposer and working group member of the LDTEC product:

- CAP094 – Limited Duration Transmission Entry Capacity

Working group member for recent transmission access changes:

- CAP148 – Deemed Access Rights to the GB Transmission System for Renewable Generators
- CAP131 – User Commitment for New and Existing Generators

I am currently responsible for Transmission related issues and Balancing Services contracting for First Hydro Company. Prior to joining First Hydro I worked as a Power System engineer for Kennedy and Donkin and was involved in the design of isolated and interconnected power systems. I have a degree in Electrical Engineering from Imperial College London and am a Chartered Electrical Engineer and Chartered Company Secretary.

I have served as a CUSC panel member since May 2006.

### **Cathy McClay**

Cathy is the Head of Commodity Research at British Energy and is responsible for Transmission & Trading Arrangements, Quantitative Analysis and Fundamental Analysis. Cathy reports directly to the Power Markets Director, Steven Moore. She has previously worked as Fundamental Analysis Manager at Nuon in the Netherlands and as Business Strategy Manager at First Hydro Company (International Power) where she was extensively involved in the work of the Tindall Group on the impact of wind generation on the grid. Prior to joining the electricity industry 8 years ago Cathy lectured Electrical Engineering at Imperial College and the University of Cambridge. She has a PhD in Electrical Engineering from St John's College Cambridge and an MBA from Manchester Business School.

### **Paul Mott**

CUSC Panellist, former member of Pool executive committee, zonal losses working group, & transmission steering group, + various BSC groups e.g. cashout. Worked extensively on original design of the Pool some elements of which (such as the M.C.A.) were Paul's creation.

### **Fiona Navesey**

Fiona has 20 years experience in the energy sector, including upstream Gas Production and Supply, Combined Heat and Power Development, and a range of strategic change management roles in the retail business. She was a lead member of the British Gas 1998 Electricity Programme, as Electricity Business Strategy and Regulatory Manager for market opening, and is currently Business Development Manager for Centrica Energy's Power Industry Development. She is responsible for leading Centrica Energy's power industry activities, and her primary focus is electricity transmission, grid connection, and market arrangements, both in the onshore and offshore, UK and Europe.

## **Rekha Patel**

Rekha is an economist with over seven years of experience in the energy sector. She has worked for Dynegy and ConocoPhillips and has a wide range of experience working in both UK electricity and gas markets.

At ConocoPhillips Rekha was involved with the regulatory and commercial issues associated with a new CHP power station and gas issues associated with new field discoveries, Interconnectors flows and gas in storage.

At Dynegy Rekha was responsible for setting up of NETA compliant trading systems, educating colleagues about the operation of the new regime, monitoring market developments and proposing modifications as appropriate.

Rekha was also involved in providing regulatory support for asset purchases, undertaking diligence work and providing support for the financial modelling of potential asset purchases. Rekha has also worked on the environmental issues surrounding energy assets, notably EU ETS, ROCs, LECs and trading under LCPD.

At WWA Rekha has become familiar with the difficulties associated with gaining transmission access for new power plant developments through the transmission access queue. Rekha has also been involved with the recent changes being implemented or developed in the UK gas market associated with capacity auctions i.e. Trade and Transfer Regime, development of Capacity Substitution and the Enduring NTS Offtake Arrangements.

## **Frank Prashad**

As a major player in the GB electricity market RWE is involved in energy trading, constructing and operating conventional generation, renewable generation and electricity supply to business and domestic customers. My area of work is in the Generation Operations and Construction businesses for RWE npower. I am involved in aspects of the planning, constructing and operating power stations connected to the GB transmission and distribution systems. I have been involved in the processes of Transmission Grid Code, Transmission Charging and the operations from 1988 in the Pool market, NETA and now BETTA systems since privatisation of the industry. Consequently I have expertise in a number of market areas including the GB application process, connections, charging and access arrangements under the CUSC electricity cash out and pricing mechanisms.

My educational background is in Electrical Engineering, specialising in high voltage power systems and in particular the operation of synchronous machines under faulted conditions. I have researched methods of representing synchronous machines for transient and dynamic simulations using frequency domain techniques for my PhD thesis (1988). I have experience in specifying and commissioning our fleet of CCGTs, specifically the Automatic Voltage Regulating and Power System Stabiliser systems. I represent RWE npower in the NGET forum of the TCMF, the CISG and I have also participated in the CAP092 and CAP094 working groups under the CUSC. I have been heavily involved in the original development of the Transport Model for TNUoS charging in the initial years, and later the DCLF version of the ICRP process, and the subsequent modifications.

## **Bill Reed**

As a major player in the GB electricity market RWE is involved in energy trading, conventional generation, renewable generation and electricity supply to business and domestic customers. Working in the energy trading business on behalf of RWE npower I am involved in all aspects of wholesale market operation and the associated industry market rules. This includes day to day operation and longer term developments including new generation projects that wish to connect to the GB transmission. Consequently I have expertise in a number of market areas including electricity cash out and pricing mechanisms and the GB connections, charging and access arrangements under the CUSC. I have recently participated in the Transmission Access Standing Group and the CAP131, CAP148 and CAP149 working groups under the CUSC.

## **Ed Reed**

Nominated by Smartest Energy, Ed is a senior consultant with Cornwall Energy Associates and deals with liaison with our Energy Supplier Forum, the info exchange we convene for independent suppliers.

Ed's nomination has additional support from Good Energy, Bizz Energy, Utilita and GDF ESS. Besides a general interest in market structure, some of the independent suppliers are impacted by these proposals as project developers. As suppliers they will also be directly impacted by any impacts on TNUoS and BSUoS.

## **Rob Rome**

Rob is currently Head of Transmission & Trading Arrangements, managing the National Grid interface on behalf of British Energy with respect to current and future power station connections and associated ancillary services. Responsibilities include CUSC, BSC, Grid Code and Charging as well as security of supply issues (e.g. SQSS and Nuclear Site Licence Provisions Agreement). Previously Rob was Manager of Prompt Trading at First Hydro (International Power) and prior to that he traded electricity both under the Pool and NETA rules (including UK-France interconnector). He has also worked for National Grid (Transmission Services) and BNFL (Sellafield and Chapelcross power station). Rob has an Electrical and Electronic degree from Strathclyde University and an MBA from Manchester Business School.

## **Tim Russell**

Tim is an Electrical Engineer, and has worked in both Transmission and Distribution System Operation. He has an excellent understanding of the technical aspects of planning and operating power systems.

Tim Russell has acted for many project developers to obtain connection agreements, both in GB and in a number of continental European countries. In total he has concluded connection agreements for 2800MW of generation projects.

He has been involved in the majority of working groups on transmission access since the early 1990's. He has published a number of articles in Power UK as well as presented papers on these issues at conferences in the USA and the UK. He was one of the few invited industry speakers to the first "Florence Forum" of EU governments and regulators.

*Tim is endorsed by the Renewable Energy Association.*

## **Louise Schmitz**

Currently Trading Consultant within Transmission & Trading Arrangements. Louise has team responsibilities for transmission charging issues and attends National Grid's Transmission Charging Methodology Forum and Charging Issues Standing Group. Louise also has some experience on the supply side of the market as well as the gas industry and is a Member of the AEP Electricity and Gas Committee. Louise is a chartered mathematician and has worked in the nuclear industry for 7 years in a number of operational support roles based at Sellafield, Sizewell A Power Station and Berkeley.

## **Helen Snodin**

Helen Snodin is a Principal Consultant with Xero Energy and has significant expertise and experience on grid issues with worldwide experience spanning 12 years.

Xero Energy's work in the past includes:

- Scottish islands grid connection strategic review for Highlands & Islands Enterprise and the Island Councils
- A review of grid integration of wind energy into the national transmission system of a candidate EU member
- A review of utility portfolio projects around the UK

*Helen is endorsed by the Scottish Renewables Forum.*

## **Nigel Scott**

Dr Nigel Scott is the managing director of Xero Energy and has extensive experience advising regulatory bodies and key stakeholders on grid issues across Europe and in Canada.

Xero Energy's work in the past includes:

- Scottish islands grid connection strategic review for Highlands & Islands Enterprise and the Island Councils
- A review of grid integration of wind energy into the national transmission system of a candidate EU member
- A review of utility portfolio projects around the UK

*Nigel is endorsed by the Scottish Renewables Forum.*

## **Dennis Timmins**

30 years experience in the energy industries (11 years British Gas, 13 years Powergen) including: Generation Settlement; Connection process and Grid Code; Contemporary experience of Gas Infrastructure charging.

## **Lisa Waters**

Lisa is an economist with over ten years experience in the energy sector. She has been a director of Waters Wye Associates since its formation in 2002. Prior to that she worked for the Energy Intensive Users Group (EIUG), independent gas supplier V-is-on gas (now Corona Energy) and Dynegy. Prior to entering the energy sector Lisa worked at the CBI.

At Dynegy Lisa headed the UK regulatory team working with traders and on asset deals, including the purchase and sale of Rough and Hornsea. At V-is-on she covered all regulatory and government affairs roles, as well as PR, working on the purchase of new supply businesses, negotiating credit and gas management deals. For the EIUG she undertook high profile lobbying and was asked to sit on the design and implementation group (DISG) for the new electricity trading arrangements and was a member of the last Pool Executive Committee. Lisa is currently an industry expert on the Imbalance Settlement Group under the BSC. Lisa has significant lobbying experience, including giving evidence to Select Committees in the Commons and Lords, and representing EU gas customers at the Commission's Regulatory Forum meetings.

As part of her work today, Lisa provides regulatory support to Welsh Power and its subsidiaries. As the owners of Uskmouth Power and developers of Severn Power and Nevis Power, Welsh Power are a small, independent energy company. They have recent experience in power plant development, including the entry capacity requirements of private investors. Lisa's work also means she is familiar with the UK gas market, including the operation of the entry capacity auctions.

### **Dave Wilkerson**

Dave has worked in the electricity industry for 7 years – formerly in Elexon’s Service Delivery team, developing expertise in BSC systems and processes, and more recently as a Commercial Manager for Centrica Energy in their Industry Development team. During this time he has worked in a variety of roles relating to energy settlement, regulation, systems management, charging, transmission connections and market design. Dave is a member of BSC Panel sub-committees, Modification and Standing Groups, as well as an Alternate Member of the CUSC Panel and a member of CUSC Modification and Standing Groups. Dave is also an active member of AEP committees.

### **Merel van der Neut Kolfshoten**

[These details removed for publication.]

### **Barbara Vest**

As a newly elected CUSC Panel member, and having previously served as a long term member of the Transmission User Group and original post NETA Go Live CUSC Panel I feel sure that I can positively contribute to the Working Group debates.

*Barbara is Head of Electricity Trading at the Association of Electricity Producers.*