



# Annual Customer Conference 2007

**Crowne Plaza Hotel, Santry Demense, Dublin**

3rd & 4th October 2007



*[www.EirGridAnnualCustomerConference.com](http://www.EirGridAnnualCustomerConference.com)*

# EirGrid's Annual Customer Conference

EirGrid welcomes you to its Annual Customer Conference; its second since assuming the role and responsibilities of the independent Transmission System Operator (TSO) on 1 July 2006. Looking ahead, EirGrid has a clear vision for the company and how we will provide the best possible service to our customers and has identified strategic priorities for the future.

In addition to our launch last summer, the last year has been very busy for EirGrid, with developments including, amongst others:

- 803MW of wind capacity is now connected, bringing the total amount of all forms of renewable generation capacity to over 1,000MW for the first time
- Further development on the implementation of the all-island SEM – due to go-live on 1 November this year
- The publication of the first five year Transmission Development Plan
- A new peak demand of 5,035MW experienced on 19 December 2006
- The awarding of the development and ownership of the East-West interconnector to EirGrid
- The processing of connection offers for projects eligible under Gate 2 criteria, including 1300MW of wind generation and 140MW of pumped storage



*Former Energy Minister Noel Dempsey, TD with EirGrid Chair, Bernie Gray and Chief Executive Dermot Byrne at the 2006 Conference.*

- Publication of EirGrid's Policy on Renewables in April
- Launch of EirGrid's Customer Charter in September.

We are dedicated to operating in a progressive, efficient, and customer-focused way, delivering quality connection, transmission and market services to our customers and putting in place the grid infrastructure required to support the development of Ireland's economy.



In working towards these objectives, our Annual Customer Conference is the most important event we host each year, providing us with the opportunity to communicate with our key customers and stakeholders and also to receive feedback on our ongoing work. We look forward to welcoming you to our Annual Customer Conference 2007, and hope you find it a worthwhile and enjoyable event. For further information please refer to [www.EirGridAnnualCustomerConference.com](http://www.EirGridAnnualCustomerConference.com)

08.30

Registration & Coffee

09.00

Conference Chair's Introduction: **Bernie Gray**, Chairperson, EirGrid

## EirGrid: The Next Steps

### Session 1



09.15

#### Ministerial Address:

**Eamon Ryan, TD**, Minister for Communications, Energy & Natural Resources

#### Dermot Byrne

Chief Executive, EirGrid

#### Michael Tutty

Commissioner, Commission for Energy Regulation



10.30

Questions & Answers followed by Morning Coffee



### Session 2

## Working With EirGrid: The Customers' Perspective



11.00

Chair & Introduction: **Derek Lawler**, Customer Relations, EirGrid

#### Managing a Large Scale Generation Project

**Brian Linton**, Commercial Contracts Manager, Viridian Power & Energy

#### Meeting the Challenges of Renewable Generation: Wind & Pumped Storage

**Eamon McKeogh**, representing Turnkey Developments

#### The Demand Customer's Experience

**Tadg Farrell**, Financial Director, Tara Mines



12.45

Questions & Answers followed by Conference Lunch



## Session 3

# Round Table Discussion: Ireland's Energy Future: An All-Island Dimension

14.00

### Round Table Participants

- (1) Dermot Byrne, Chief Executive, EirGrid
- (2) Sara White, Assistant Secretary, Department of Communications, Energy and Natural Resources
- (3) Robin McCormick, System Operations Manager, SONI
- (4) Mark Ennis, Director of Strategy and Public Policy, Airtricity
- (5) Pat O'Doherty, Executive Director, ESB Power Generation



This Round Table session will focus on the key issues facing the Irish energy sector going forward and will involve both the expert speaker panel and conference delegates. Each of the speakers will deliver a 5 min opening talk, with their own individual perspectives. The floor will then be opened to a panel discussion, which will explore a number of topics (eg SEM, renewables development, emissions, infrastructure development etc). At this point, delegates will have the opportunity to pose questions to the panel.

## Session 4

# Supporting Ireland's Economy: Building the Network



15.30

Chair and Introduction:  
**Andrew Cooke**, Director Grid Development & Commercial, EirGrid

**Integrating Renewables on the Grid**  
Speaker TBC, EirGrid

**The East-West Interconnector Project**  
**John Fitzgerald**, East-West Interconnector Project Manager, EirGrid

**The Grid Development Strategy**  
**Louis Fisher**, Manager, Transmission Network Planning, EirGrid



16.45

Questions & Answers followed by Conference Close



## Post Conference Dinner

The conference will be followed by a dinner on Wednesday evening. The dinner will take place at 7.00pm, with pre-dinner drinks at 6.30pm. All conference delegates are invited to attend.

Thursday 4th October

# Day 2: Workshop Programme

## The Developing Generation Mix

- 08.30 Registration & Coffee
- 09.00 Chair and Introduction: **Fintan Slye**, Director of Operations, EirGrid



### A Review of the Power System

**Michael Power**, Manager Power System Control, EirGrid

### The Generation Adequacy Report and New Generation Potential

**Michael Kelly**, Manager Generation Analysis, EirGrid

### The Role of Renewables in the Generation Mix

**Katrina Polaski**, Head of Sustainable Energy Services  
Sustainable Energy Ireland

- 10.30 Questions and Answers followed by Networking Break/Morning Coffee

### Generation Technologies: An Update

- **New Generation Projects - Wind and Co-firing:**  
**John Reilly**, Head PowerGen & Renewable Enterprise  
Bord Na Mona Energy Ltd
- **Wind Energy:** **Dave O'Connor**, Irish Wind Energy Association
- **Wave Energy:** **Andrew Parish**, Chief Executive Officer, Wavebob
- **Offshore Wind:** **Dan Hannevig**, Sure Engineering
- **Latest Developments in Generation Technology**  
**Liam Mulligan**, General Manager, Energy & Transport, Siemens

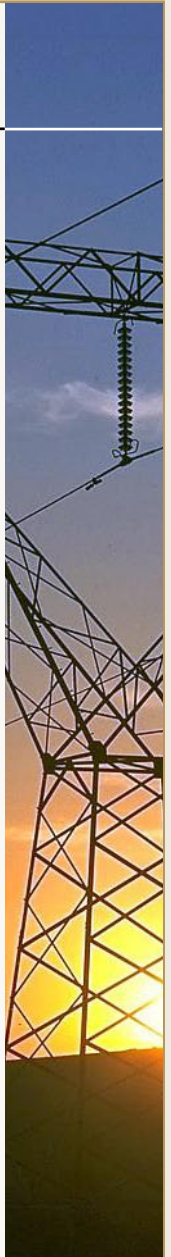


- 13.00 Questions and Answers followed by Lunch

### Technical Workshop

Each year the main discussion at our Annual Customer Conference is followed by a smaller workshop, dedicated to a more technical issue. This year the workshop is centred around the development of Ireland's generation portfolio with an emphasis on the role of renewable generation. It will feature speakers from sectors such as renewable energy including onshore, offshore and ocean technology.

Places at the workshop are limited and will be allocated on a first-come, first-served basis. Please indicate on the registration form at the back of this brochure if you would like to attend.



# Conference and Workshop Speakers



## **Dermot Byrne**

Dermot Byrne was appointed Chief Executive of EirGrid in July 2005. Dermot has extensive senior management experience in the electricity industry in Ireland and abroad across a range of roles. From 1993 to 1997 he was Manager, Power System Operation in ESB National Grid. In the late 1990s he worked in senior roles within ESB customer services and power generation areas. In 2000 he was appointed as the first Head of ESB Networks, where he oversaw the major ramp-up in investment in transmission and distribution infrastructure.



## **Andrew Cooke**

As EirGrid's Director, Grid Development and Commercial, Andrew is responsible for the planning, development and maintenance of the transmission grid. He also has responsibility for the design and implementation of transmission access and tariff arrangements, and for EirGrid's customer and regulatory relations. Andrew is an electrical engineer with over twenty-five years experience in the areas of transmission system operations and planning, and market design and regulation.



## **Mark Ennis**

Mark is Director of Strategy and Public Policy for Airtricity. He has been a member of the Senior Airtricity Team for the past five years during which time he has also held the position of Chief Executive Officer for Airtricity's Supply and Trading business. Prior to joining Airtricity Mark was CEO of Boxmore International PLC. In 2000 Boxmore was acquired by Chesapeake Corporation a US Corporation where Mark was appointed Senior Vice President. Mark is a member and past Chairman of CBI Northern Ireland.



## **Louis Fisher**

Louis Fisher is the manager of Transmission Network Planning in EirGrid. His main areas of responsibility include producing long-term development plans for the grid including the Grid Development Strategy, and the annual Transmission Forecast Statement and Transmission Development Plan. Prior to taking up his current role he worked in many areas including Power System Operations, Generation Planning and IT. He has been a member of a number of international working groups dealing with power system planning, and is currently on a Cigré group examining the impact on transmission planning of uncertainty in generation and interconnection.



## **Bernie Gray**

Bernie Gray was appointed to the Board of EirGrid in September 2005 and was appointed as Chairperson in April 2006. Bernie has wide-ranging experience in the field of Human Resources and Industrial Relations. Working with Eircom between 1984 and 2002, she held a number of management positions within Finance and HR areas and latterly served as HR Director from 1998 to 2002. She also served as Worker Director from 1988 to 1992. Bernie is currently an independent HR consultant working with a range of public and private sector companies.



## **Dan Hannevig**

Dan Hannevig has been involved in the energy industry as a consultant and also as a developer of a number of wind energy projects. Following the early success in the days of the AER 1, Dan identified that there would be a need to move offshore in order to achieve meaningful scale in the industry. The Oriel Windfarm project will introduce a number of technical innovations.



## **Michael Kelly**

As manager of EirGrid's Generation Analysis, Michael's key responsibilities include long term demand forecasting, development of an annual Generation Adequacy Report, simulating the operation of generation units and assessing their interaction with the transmission system. Michael also participated in many CIGRE working groups.



## **Derek Lawler**

Derek Lawler joined the EirGrid Customer Relations Team in 2004 with responsibility for managing the relationship with key customers and stakeholders. Derek has extensive commercial experience having previously worked as Key Account Manager with Eircom and Irish Life Investment Managers.



## **Brian Linton**

Brian Linton is a chartered electrical engineer with Viridian Power & Energy. In his role as Commercial Contracts Manager he has been involved in all aspects of the Huntstown Phase II project from the early stages of EPC tender evaluation, contract negotiation and award of contract through to the construction and commissioning phase. Brian has managed the EirGrid Connection Agreement interface from the outset of the project and is currently working towards completion of the Grid Code connection tests.



## **Dr. Eamon McKeogh**

He is a senior lecturer in the Department of Civil & Environmental Engineering at UCC. He has been working in the area of Sustainable Energy Research for over twenty years and has been involved in a number of EU Energy RTD projects in the areas of small scale hydropower and wind energy forecasting. His current research interests are wind energy forecasting, energy systems modelling and the use of Pumped Hydro Energy Storage specifically as a grid integrator for high levels of wind power.



## **Robin McCormick**

Robin is the Transmission System Operator (TSO) for Northern Ireland (now known as SONI), responsible for the safe, secure and economic operation of the NI Transmission System. He is also responsible for developing and administering the NI Wholesale Electricity market and trading arrangements on the interconnectors with GB and Rol. Robin sits on the SEM Executive Board overseeing the design and implementation of the new all-island wholesale market. Prior to this Robin held a number of senior positions in NIE including Transmission Planning Manager and Regional Customer Services Manager.



## **Liam Mulligan**

Liam is Divisional Manager, Energy & Transportation, with Siemens in Dublin. He has operational responsibility for energy (power generation, transmission and distribution) and transportation (railways, major road projects and telematics). He is an active member of the Electrical/Electronic Division of Engineers Ireland and a previous chairman of the division. He has also been active in ETCl and chaired the TC4 working group for several years.



## **Andrew Parish**

Andrew is CEO of Wavebob Ltd an Irish wave power technology company. His background includes management experience in both private and public sector organisations including GE Water & Process Tech., Pera International and Sustainable Energy Ireland. He has experience in areas such as management consultancy; innovation support, climate change and energy policy. He is a member of both the Institute of Engineering & Technology and the Chartered Institute of Management.



## **Michael Power**

Michael Power received his B.E. and M.Eng.Sc degrees in Electronic Engineering from University College Dublin. Since then he has been working with the Electricity Supply Board and EirGrid. He is currently Manager, Power System Control in EirGrid where is responsible for the daily operations of the power system. He is a working group convener in CIGRE Working Group C2.01 and is a senior member of the IEEE.



## **Eamon Ryan, TD**

Eamon Ryan was appointed Minister for Communications, Energy and Natural Resources in the new government following the 2007 general election. He was first elected to the Dáil in 2002 and represents the Dublin South constituency for the Green Party. Before taking up his ministerial post, he had been Green Party spokesperson on transport, enterprise, trade and employment, communications, marine and natural resources.



## **Fintan Slye**

Fintan Slye assumed the position of Operations Director at EirGrid in January 2007. For the previous two years, Fintan worked for McKinsey & Co in its Dublin office. Prior to that, he held a number of project and management roles in ESB National Grid and ESB International. Fintan completed a Masters in Business Administration from UCD in 2001 and a Masters in Engineering Science in 1993.



## **Michael Tutty**

Michael G. Tutty was appointed Commissioner for Energy Regulation in Ireland in October 2004. In the past, he worked in the Department of Finance, where he reached the position of Second Secretary General in charge of Budget and Economic Division. From October 2000 to July 2004, he was Vice-President of the European Investment Bank in Luxembourg.



## **Sara White**

Sara White is Deputy Secretary General at the Department of Communications, Marine and Natural Resources with overall responsibility for energy policy. She has held a number of portfolios at Assistant Secretary level in the Department since 1992, prior to taking over the energy brief.

# Registration

There is no registration fee for the EirGrid Annual Customer Conference, however, numbers are limited and will be allocated on a first-come, first-served basis.

## To register :

1. Online at: [www.EirGridAnnualCustomerConference.com](http://www.EirGridAnnualCustomerConference.com)
2. By email to: [bookings@eirgrid.com](mailto:bookings@eirgrid.com)
3. By telephone to +353 (0) 1 661 3755
4. By fax +353 (0) 1 661 3786  
(print out this page and faxback)

Please register me for (tick as appropriate):

- Conference only (Wednesday 3rd October - 9.00am-5.00pm)
- Conference and Post-conference workshop (Workshop: Thursday 4th October: 9.00am-1.00pm)
- Conference Dinner (Wednesday 3rd October - 7.00pm)

All registrations will be confirmed by email to the email address provided

Name: \_\_\_\_\_ Tel: \_\_\_\_\_

Organisation: \_\_\_\_\_ Email: \_\_\_\_\_

# Further Information

## Hotel Location and Directions

The Crowne Plaza Hotel is located within Santry Demense, around 2km from Dublin Airport. There is a shuttle service from the airport running throughout the day, with the pick-up point located near the exit of the short term car park.

Full directions to the hotel are available on the hotel website at the following link

[www.cpdublin-airport.com/thehotel/driving](http://www.cpdublin-airport.com/thehotel/driving)

## Accommodation

Delegates attending the conference and wishing to stay overnight are advised that the best rates for accommodation can be obtained by booking online via the Crowne Plaza Hotel's website [www.cpdublin-airport.com](http://www.cpdublin-airport.com)  
Rooms are available from €140.00 per night.

Contact: Crowne Plaza Hotel  
Tel: +353 (0) 1 862 8888

Also within Santry Demense, adjacent to the Crowne Plaza Hotel, is the Express by Holiday Inn, which offers rooms starting from €86.00 per night. These rooms can also be booked online via the Express by Holiday Inn website [www.hiexpressdublin-airport.com](http://www.hiexpressdublin-airport.com)

Contact: Express by Holiday Inn  
Tel: +353 (0) 1 862 8866





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