

The logo for SONI, consisting of the letters 'SONI' in a bold, blue, sans-serif font.

System Operator for Northern Ireland

Welcome to the ..

# **INTERCONNECTOR FORUM**

Castlereagh House

Thursday, 12 September 2002

[www.soni.ltd.uk](http://www.soni.ltd.uk)



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# Agenda

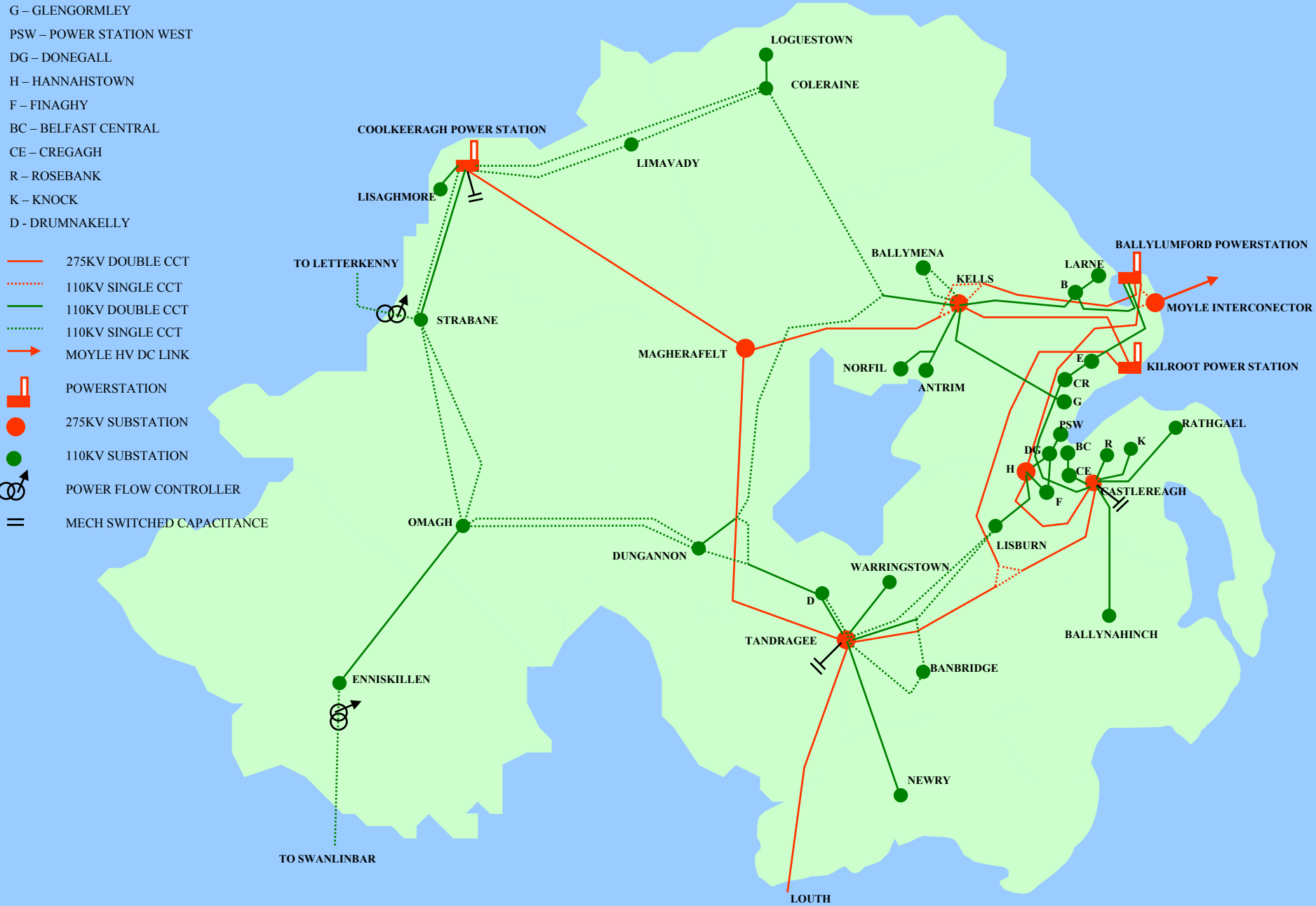
- |                        |                  |
|------------------------|------------------|
| • Role of SONI         | Robin McCormick  |
| • Moyle Interconnector | Alan Rainey      |
| • Auction              | James Hutchinson |
| • Trading System       | Nick Fullerton   |
| • Settlement           | Neil Bingham     |
| • Market               | Tom Larmour      |



# NIE TRANSMISSION NETWORK 2002

- B – BALLYVALLAGH
- E – EDEN
- CR – CARNMONEY
- G – GLENGORMLEY
- PSW – POWER STATION WEST
- DG – DONEGALL
- H – HANNAHSTOWN
- F – FINAGHY
- BC – BELFAST CENTRAL
- CE – CREGAGH
- R – ROSEBANK
- K – KNOCK
- D - DRUMNAKELLY

- 275KV DOUBLE CCT
- 110KV SINGLE CCT
- 110KV DOUBLE CCT
- 110KV SINGLE CCT
- MOYLE HV DC LINK
- POWERSTATION
- 275KV SUBSTATION
- 110KV SUBSTATION
- POWER FLOW CONTROLLER
- MECH SWITCHED CAPACITANCE



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# Role of SONI - TSO

- Control
- Operation
- Management
- Market Facilitation
- Market Administration



# History

- < April 1992      NIE owned & operated the Power Stations
- > April 1992      NIE Power Procurement managed Generation Contracts
- July 1999          IME Directive adopted
- August 1999        VIPP Auction
- April 2000          IPP operating
- April 2002          Moyle HVDC – full commercial operation



# Interconnection

- 1995 North-South 275kV Interconnector
- 1994 110kV-Standby Links
- 2002 110kV PFC-Solid Links
- 2002 Moyle HVDC Interconnector



# Market Facilitation

- Service provided to facilitate market opening
- Resource constrained – low cost options pursued to date
- Funds provided as part of SONI excluded costs ie from customers, as agreed with Ofreg
- Iterative progression approach adopted
- Forum set up to review facilitation role and potential cost/benefit of enhanced services.

