



Presentation to Mid Ulster District Council

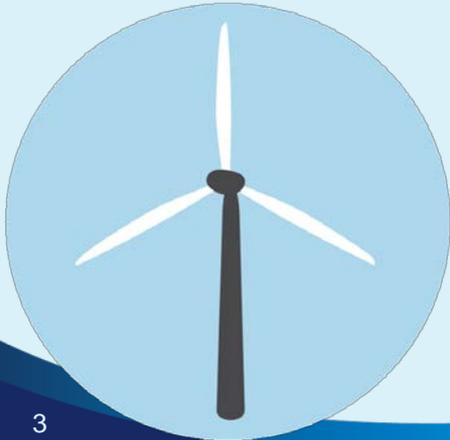
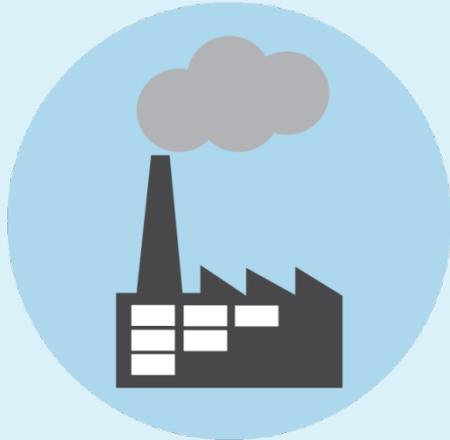
David Keys, Customer Relations Manager
Eamonn Maynes, Network Access Manager



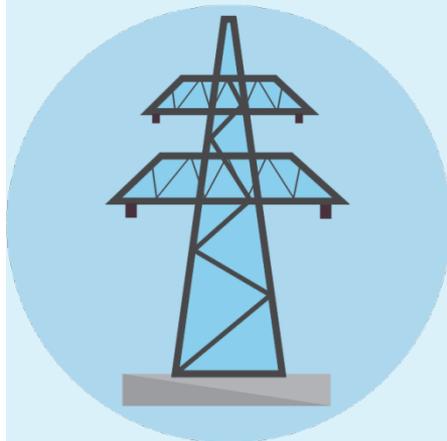
- Electricity industry structure
- NIE Networks Overview
- Winter Preparations
- Meter Replacement Programme
- Making the Connection
- Public Realms Schemes
- In the Community
- Price Control

Electricity industry structure

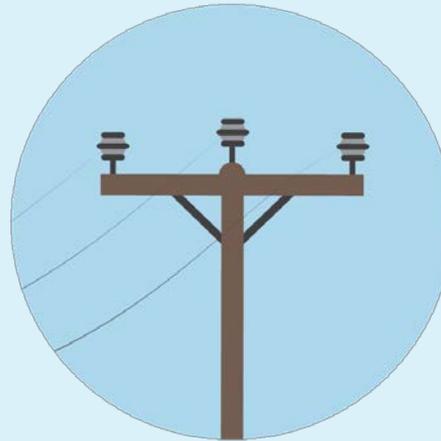
Generation



Transmission



Distribution



Supply





NIE Networks is the electricity networks business in Northern Ireland



Power cuts



Network
Maintenance
and
Development



Meter reading



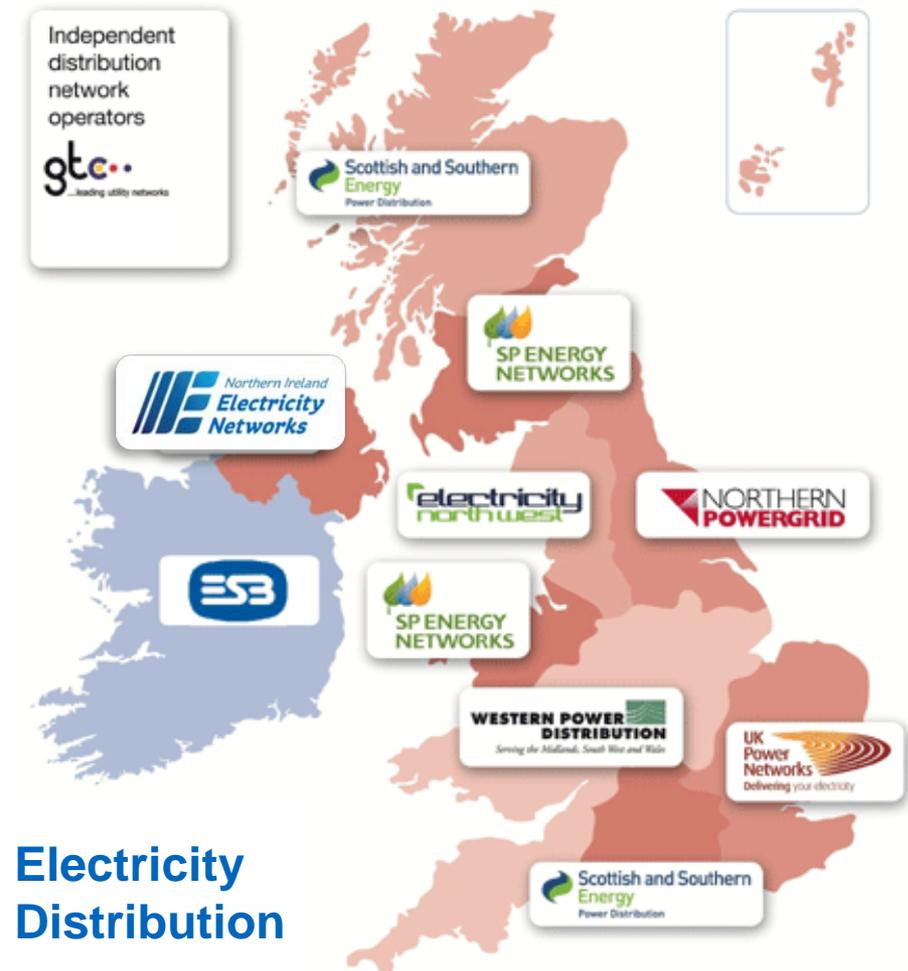
Connecting
Renewables



Connections

NIE Networks Overview

Customers	c850,000
Annual Electricity Demand	c8 TWh
Transmission Network	c2,200 km
Distribution Network	c45,000 km
Substations	c300 major
Price Control Overall Total Expenditure (March 2012 – September 2017)	c£950m
Staff	1,200



Winter Preparations

Winter preparations start in September with a review of all roles, responsibilities, resources and materials levels.

Storm Escalation Roles – every single member of staff has two roles

NIE Networks resources during escalations

Local centres	Field and emergency	Call Handling	Total
300	700	200	1200



Preparing for the worst

Storm simulation completed in mid October

Arrangements in place with fleet supplier, NI 4x4 Response Network and PDG Helicopters

Refresher training across all roles completed in October

Emergency Plan reviewed and updated

5500 customers on NIE Networks Critical Care list contacted

Lessons learned from previous storms incorporated into preparations

Other resources

ESB linesmen through Emergency Assistance Agreement

GB DNO resources available by agreement (NEWSAC)

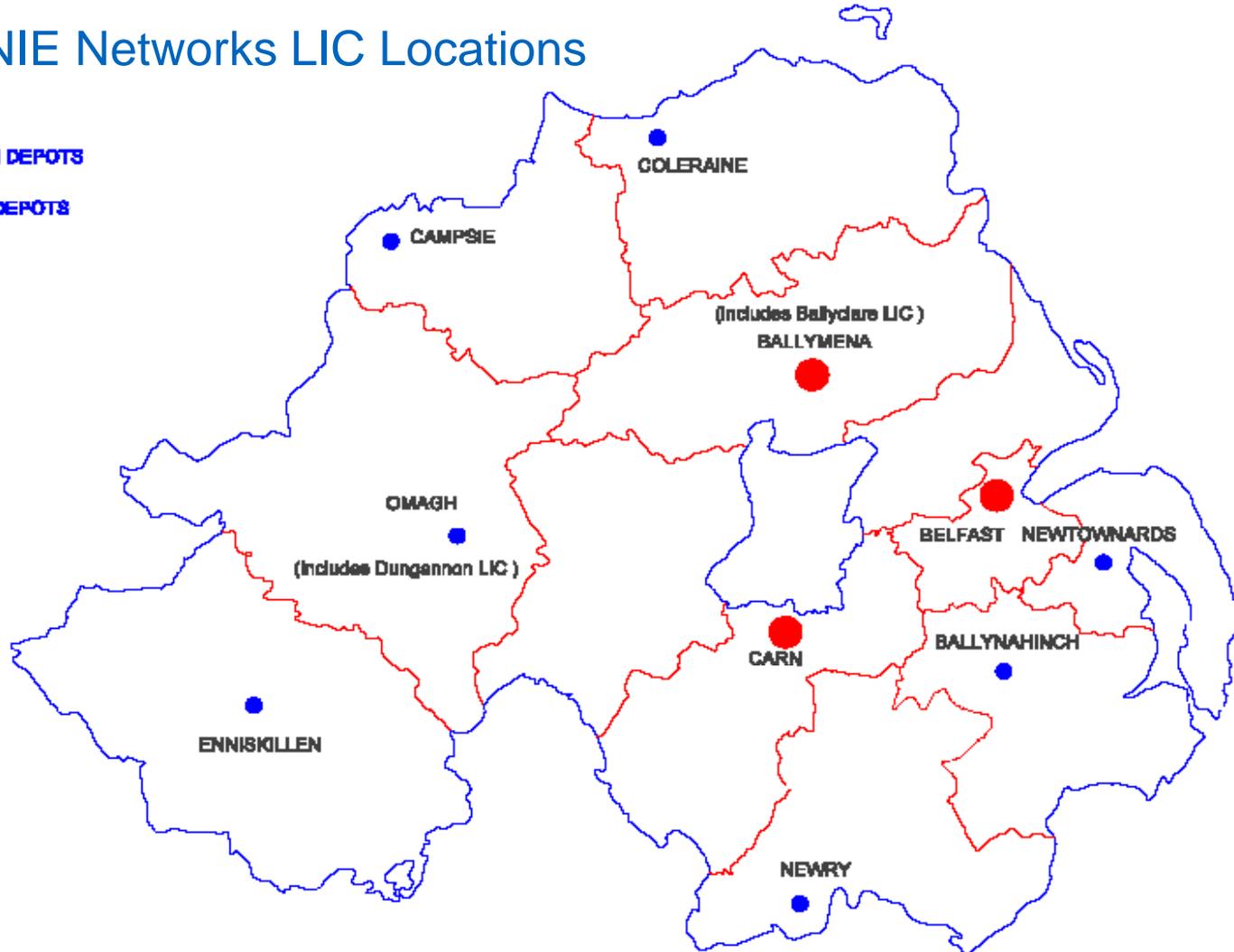
Other third party contractors

Critical National Infrastructure Provider (CNIP) Mutual Aid Protocol

Local Incident Centres

NIE Networks LIC Locations

- MAIN DEPOTS
- SUB DEPOTS



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Restoring power to your community

When it is safe to do so, emergency teams locate fault and survey damage.

Process of restoration

1. High voltage transmission lines.
2. Major power lines that serve a large number of customers.
3. Distribution power lines that serve a smaller number of customers
4. Individual homes and businesses still without power.



Meter Replacement Programme

225,000 meters to be replaced by 2017

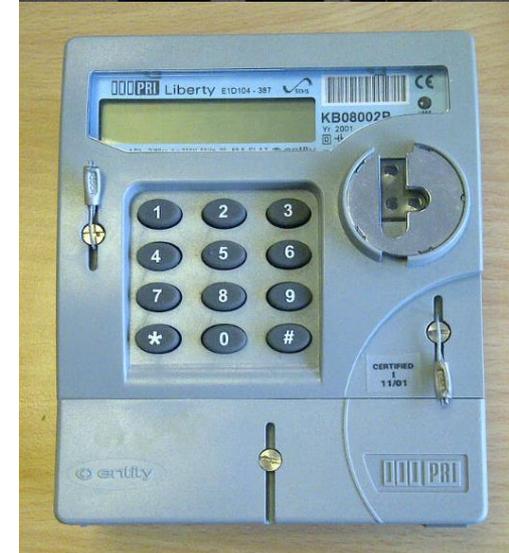
Contractors carrying out programme

Replacing both credit and keypad meters

Standard renewal project

Customer engagement through online, social media and press campaigns

Programme timetable and locations managed by contractors



Making the connection

Connecting over 8000 customers each year

818 MW of renewable generation connected to date

Dedicated connections resource

Review of application forms and online advice

Check our website for the latest information and Statement of Charges



Public Realm Schemes (PRS)

- Project Engineer manages delivery of NIE Networks' work associated with PRS, working closely with the Council, contractors and other utilities.
- PRS use specialised paving stones, necessitating utilities to lower ducts and cables
 - For equipment that satisfies asset replacement criteria then costs may be funded by Utility Regulator (UR)
 - Where there is no UR funding, then alterations are chargeable to project sponsors
- Some issues sourcing materials for reinstatement associated with emergency works after PRS are complete – we are working with DSD and DRD to resolve
- Quarterly updates on PRS issued to utility companies
- Ongoing overhead network refurbishment, substation upgrade and vegetation management programmes.

In the community

Business on Board

- 30 NIE employees are now 'On Board', working with community organisations across Northern Ireland

STEM (Science, Technology, Engineering, Maths)

- NIE Networks is committed to promoting and increasing awareness of STEM related subjects

Kidzsafe

- Each year we talk to around 20,000 primary school pupils about staying safe near the electricity network

The next generation

- We take on a range of apprentices annually including overhead lines, jointers, electricians and surveyors
- We offer scholarships and placements for engineering students as well as taking on engineering, accountancy and business graduates each year.



- Network charges subject to periodic review by the Utility Regulator
- Current price control (RP5) runs from 1 April 2012 to 30 September 2017
- Aiming to deliver all RP5 outputs – high level of activity on the ground
- RP6 will run for six years from 1 October 2017 to 31 March 2024
- Stakeholder engagement group formed involving UR, Consumer Council and DETI to help direct our future plans - dialogue welcomed from all parties
- RP6 plan to be submitted to the UR in June 2016

Conclusion

Any questions?

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