

JUST THE **FACTS**

NORTHERN POWERGRID

SERVICE AREA	10,000 square miles
ELECTRIC END-USERS SERVED	3.9 million
OVERHEAD DISTRIBUTION LINES	17,500 miles
UNDERGROUND DISTRIBUTION LINES	41,300 miles



PHILIP A. JONES
Chief Executive

Northern Powergrid’s regulated electricity distribution team delivers power to 3.9 million homes and businesses in northern England, serving the North East, Yorkshire and northern Lincolnshire.

Integrated Utility Services, Northern Powergrid’s contracting subsidiary, offers turnkey engineering solutions to its customers, including other electricity distributors, across the U.K. and Ireland.

CalEnergy Resources Limited, a Northern Powergrid subsidiary, participates in upstream oil and gas projects in Australia, Poland and the U.K.

SAFE AND RELIABLE ELECTRICITY SUPPLY

- Northern Powergrid received the Royal Society for the Prevention of Accidents’ Order of Distinction Award and Presidential Award for outstanding health and safety performance over a sustained period. The prestigious awards recognize organizations which demonstrate consistent gold standard health and safety performance.



> CONTINUED ON BACK

- In 2015, Northern Powergrid successfully managed a number of high profile storm events. Robust incident management, supported by a customer-focused approach, ensured a professional and swift response to restoring power for affected customers. Storm Eva, which hit during the festive period, caused the worst flooding in 30 years to parts of West Yorkshire. Investment in substation flood defences helped maintain supply to thousands of homes and businesses, especially in York, and the company's coordinated response with civil multi-agency partners aided power restoration for the worst-affected customers in the Calder Valley and Leeds area.



INVESTMENT AND INNOVATION

- Northern Powergrid delivered its largest ever power network investment in 2015, spending £458 million (\$700m) and ensuring five-year regulatory period close-out targets were successfully achieved.
- In 2016, Northern Powergrid is on target to spend £398 million (\$571m), in line with its current investment plan target. Over its previous five-year regulatory period it invested some £1.6 billion (\$2.5 bn) and is set to invest a further £2.8 billion (\$4.1 bn) in the current eight-year regulatory period.
- In 2015, Northern Powergrid concluded its £38m (\$55m) five-year innovation program to explore innovative techniques to deliver enhanced services for customers. The outputs included the largest smartgrid demonstration project that has been funded by the UK regulator and incorporated learning from grid-scale energy storage, an advanced future-network control system and trials with 13,000 customers. The company also invested £14m (\$20m) in a program to install intelligent fuses and fault-location equipment on the low-voltage network, drastically shortening outage times by reducing the dependency on manual operation. And on the high-voltage network, a significant upgrade to the control system enabled the network to reconfigure itself automatically to respond to faults on the network, restoring supplies to customers more quickly.

MANAGEMENT TEAM



TOM E. FIELDEN
Finance Director



JOHN M. FRANCE
Regulation Director



NICK M. GILL
Operations Director



ANDREW J. MACLENNAN
Business Development Director



PETER R. A. YOUNGS
CalEnergy Resources Ltd.
Managing Director



www.northernpowergrid.com