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Dear customer

### **We need customers with generators or large motors to take part in our revolutionary £5.5 million low carbon trial – and earn financial rewards**

Electricity North West is leading the way in developing smart solutions to meet the unprecedented increase expected in electricity demand, as the UK moves towards a low carbon future and we reduce our reliance on fossil fuels.

To help meet these challenges, our regulator Ofgem has set up the Low Carbon Networks (LCN) Fund to provide vital backing for a series of innovative projects aimed at developing smarter and more efficient ways of managing electricity networks.

Electricity North West has been awarded funding to launch the Respond project, which will deliver an intelligent approach to managing fault current – the instantaneous surge of energy which occurs under network fault conditions.

Respond will explore new technical and commercial solutions to resolve the fault current problem. This will ensure customers continue to get the power they need and that we have flexibility to connect renewable energy sources.

#### **How does this affect my company?**

One of the Respond techniques is a commercial solution which provides a unique opportunity for demand and generation customers to earn rewards from selling a Fault Current Limiting (FCL) service to Electricity North West, through a managed service agreement.

Using new technology being trialled as part of the Respond project, your generation source or motor can be remotely turned off by Electricity North West for just a few minutes, so that it no longer contributes to the fault current. This is expected to occur only a few of times each year.

This commercial solution could enable your company to earn significant financial rewards and will benefit all electricity customers in the long term by reducing traditional network reinforcement costs.

#### **Taking part in the Respond trial**

We are initially looking for industrial and commercial electricity customers to take part in a one-off online survey to understand the appetite for the FCL service and how to structure appropriate contracts. The survey will identify customers who are eligible to benefit from the commercial arrangement.

The survey will take place in autumn 2015 and participants will be rewarded with £25 in shopping vouchers or the equivalent charitable donation. If your organisation is eligible to earn financial rewards from a managed service agreement, we will contact you with a view to taking part in the 12-month trial, which starts in May 2016.

You can help if your electricity supply is connected to the distribution network at high voltage (HV) and you operate:

- Distributed generation, typically a combined heat and power (CHP) plant or other large synchronous generators, or
- Industrial AC synchronous motors connected to a circuit breaker.

If you are interested in providing an FCL service and wish to take part in the survey, please register at: [enwl.co.uk/respond-survey](http://enwl.co.uk/respond-survey) by 28 August 2015.

To find out more about Respond and to watch our project video please visit [enwl.co.uk/respond](http://enwl.co.uk/respond)

If you require any further information about Respond or the provision of a FCL service, please contact us at [enwl.co.uk/respond/contact-us](http://enwl.co.uk/respond/contact-us).

Yours sincerely

**Andrew Howard**  
**Respond Project Manager**