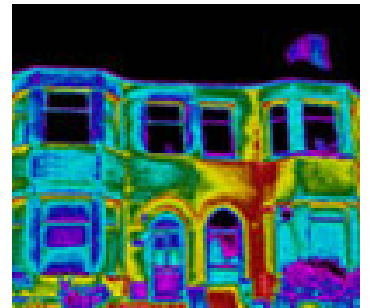


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EDRP
Challenge North Leigh
A community in action

Background

- EDRP – Energy Demand Research Project
- Part of Ofgem trial
- Commitment to Demand Reduction
- Providing over 55% of the funding
- The largest smart metering trial in the UK



Objectives

- Bring about behavioural change and reduce energy demand
- Identify short-term behavioural changes
- Forecast long-term behavioural changes
- Encourage load shifting from peaks to troughs
- Measure energy savings from different social groups and/or property types
- Apply robust statistical techniques to predict implications for range of GB customers
- Promote awareness of energy consumption and impact in cost/environmental
- Improve customer service by increasing supply of information on energy consumption
- Design a range of trials that provide evidence and experience to help develop national strategies for a large-scale roll out

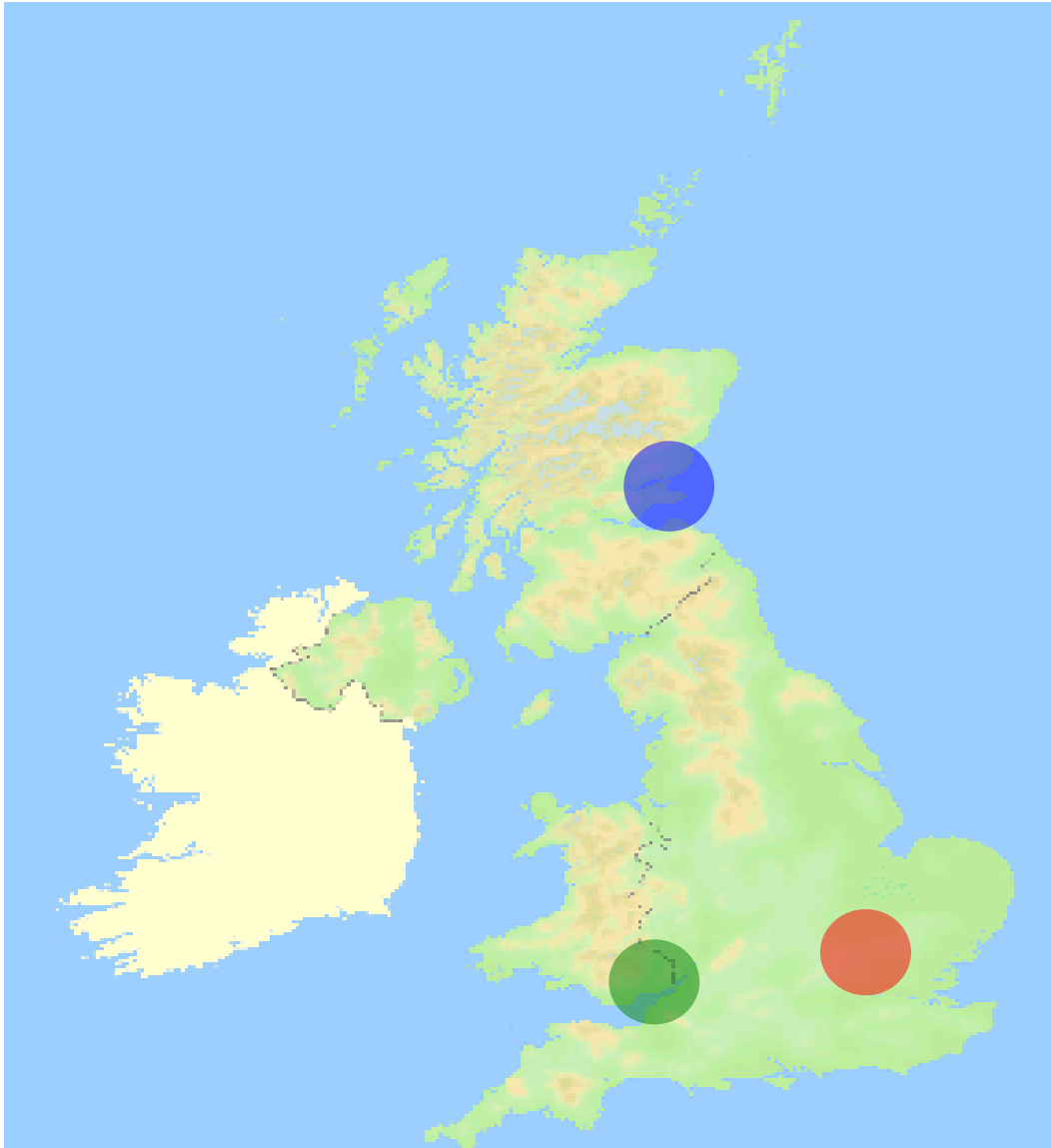


Trial focus

- Proposals that use existing metering
- Remotely read meters
- Remotely read meters with a Customer Display Unit (CDU)
- Remotely read meters with a CDU and a time of use tariff
- Pay-as-you-go
- Community projects
- - to introduce smart metering and CDU's in community locations and provide energy efficiency information and a community incentive scheme



Trial areas



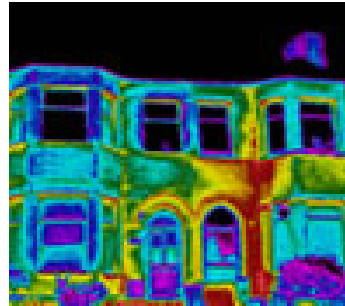
Challenge North Leigh (CNL)

- Established existing community identified
- Community launch June 2007
- Trial started September 2007
- 3-way partnership between CNL, Thames Valley Energy Centre (now USEA) & SSE
- Committee group established by residents plus SSE and other local interested parties such as local environmental organisations
- Set a target of reducing energy by 10% at the end of trial
- £20,000 reward if achieved!



Interventions

- Infra-red surveys
- Insulation
- Lighting offer
- Real time displays
- Value on every visit



Community Group Actions

- Green Fair – lighting offer via voucher
- Green picnic – CFL's, standby killers
- Winter Fair – insulation offer
- Give or take event
- Powerdown day – 10th of every month
- Local newspaper articles
- Involvement of the local school
- Produce a yearly calender
- Have their own website <http://www.challenge-northleigh.co.uk/>
- Meet every month
- Competitions



Challenges & difficulties

- Three key areas:
- Engaging wider populace outside committee group and hard core interested others
- For us – not used to working at community level
- Getting balance between allowing community ‘autonomy’ whilst still keeping some control



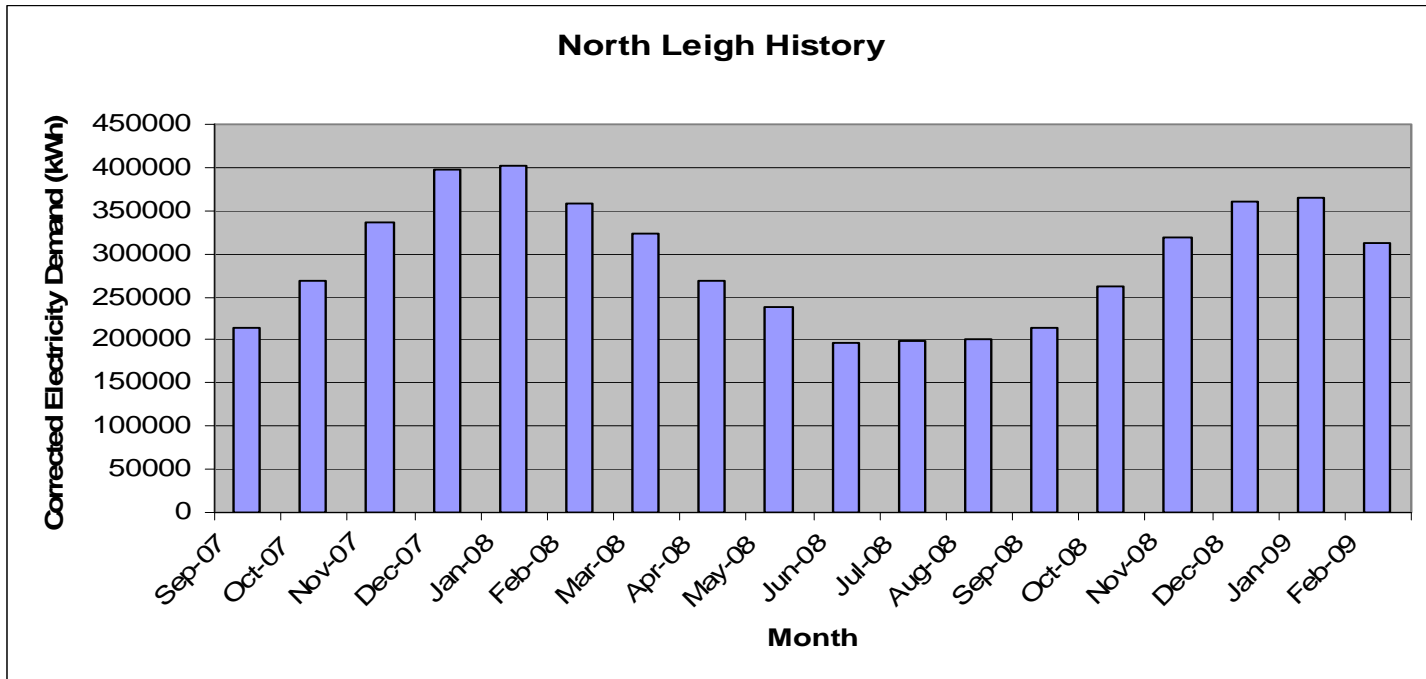
Achievements to date

- 142 smart meters installed
- 28 insulation measures installed
- Under the VOEVT
 - 586 real-time displays delivered
 - 361 individual energy advice visits made
 - Range of energy efficiency booklets, thermometer cards delivered
 - Over 150 CFL's and standby killers issued



Energy savings

- November -4.94%
- December - 9.54%
- January – 9.15%
- February – 9.14%



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Rita Cudd
Partner Manager