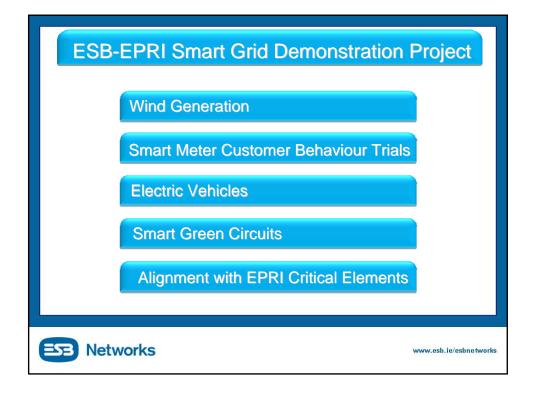
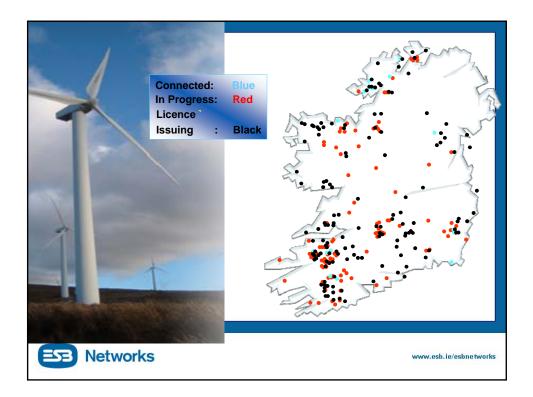
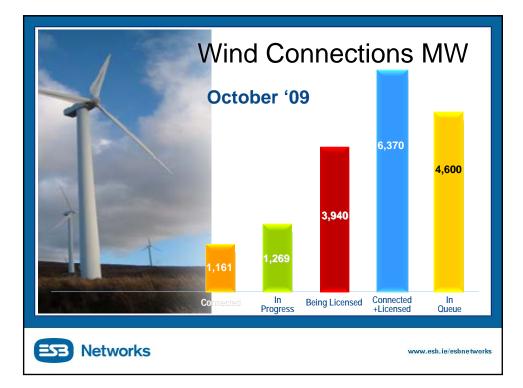


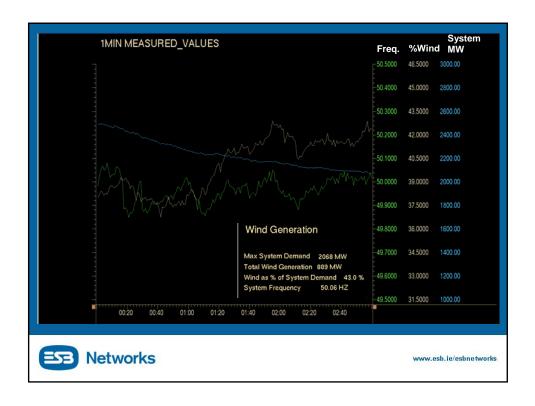
ESB Networks IT Landscape 2009 (NITA - €100m)

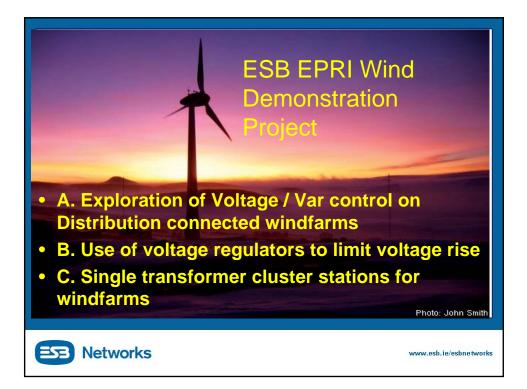


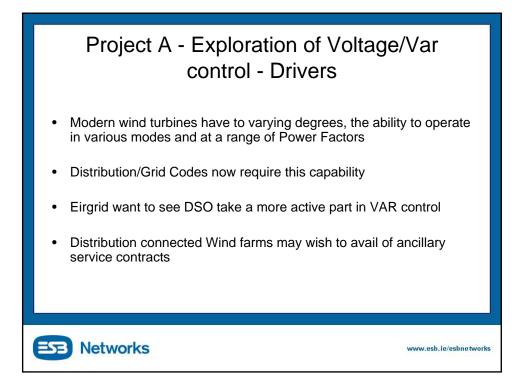


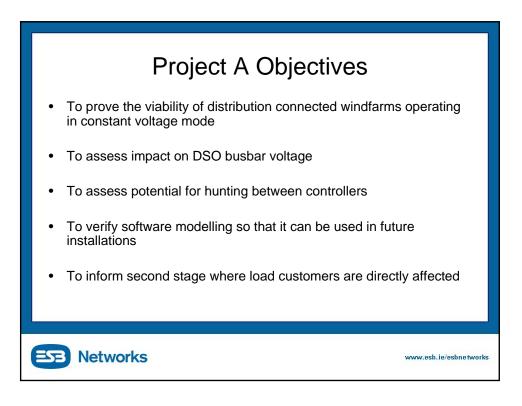


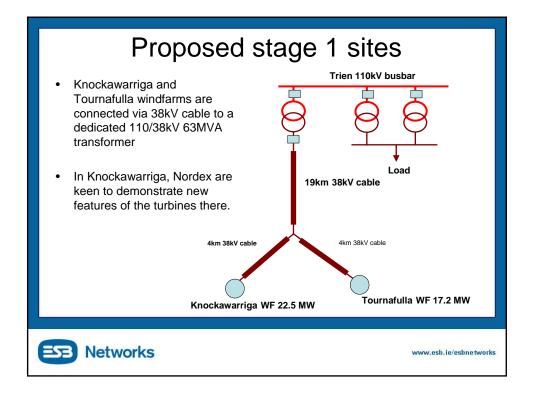


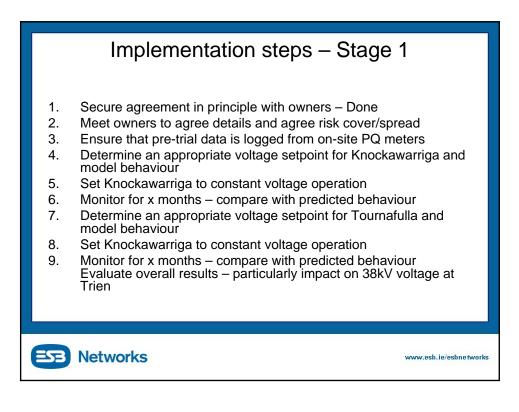


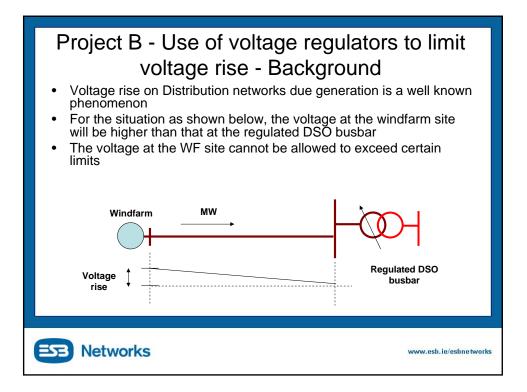


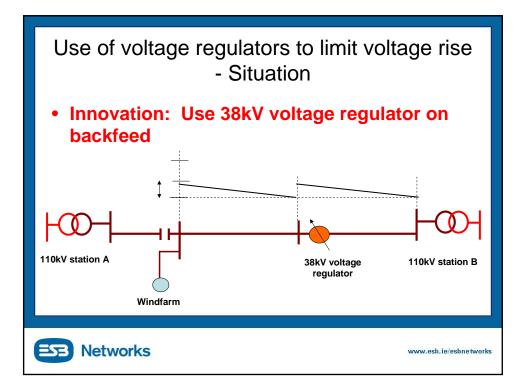


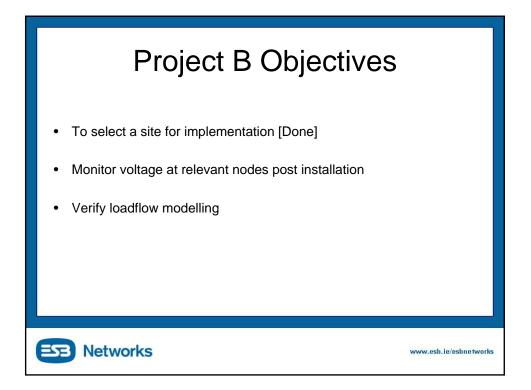


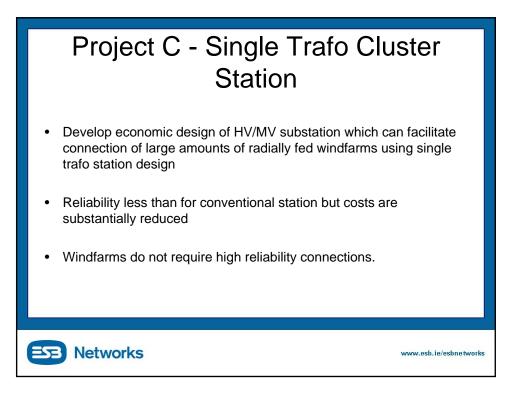


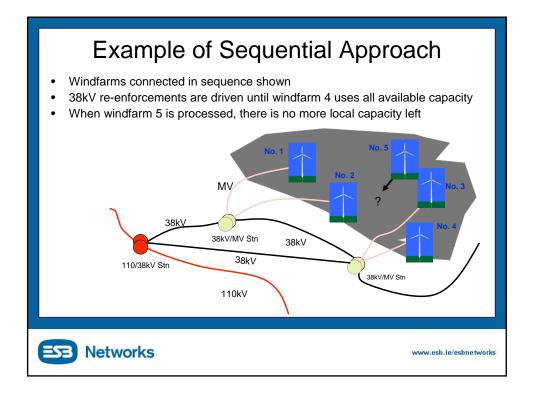


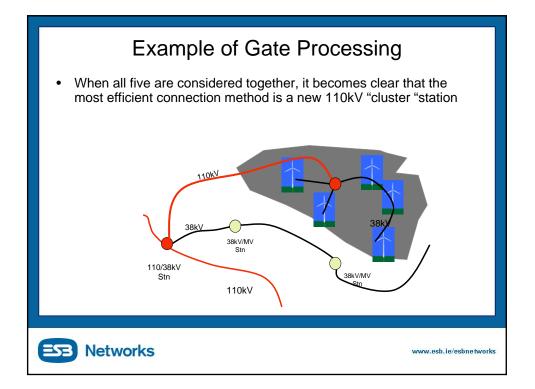


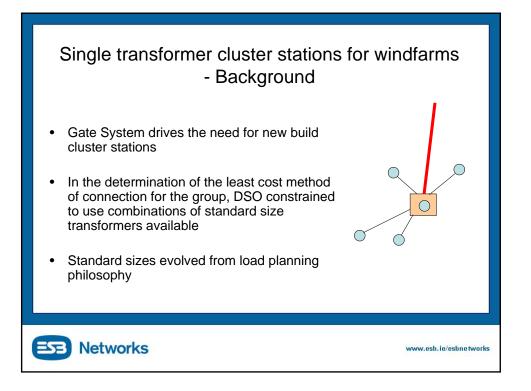


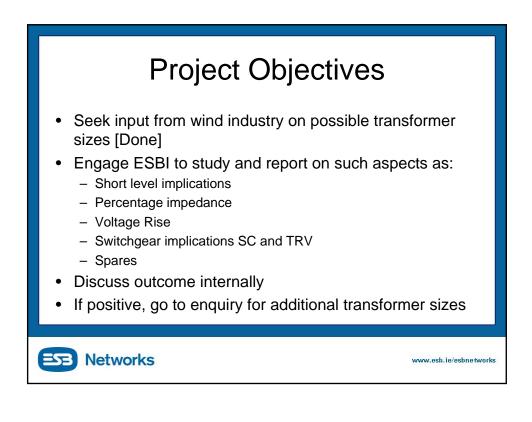


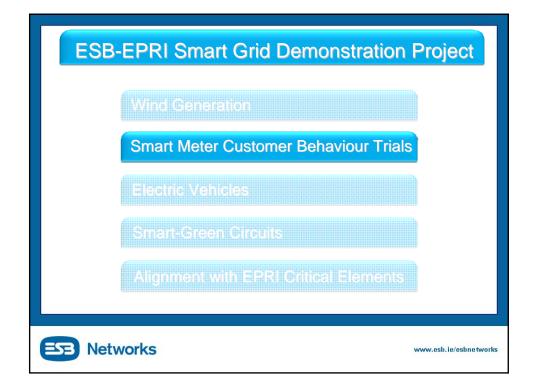


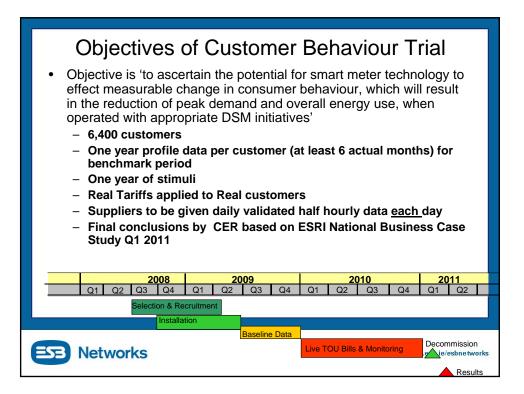




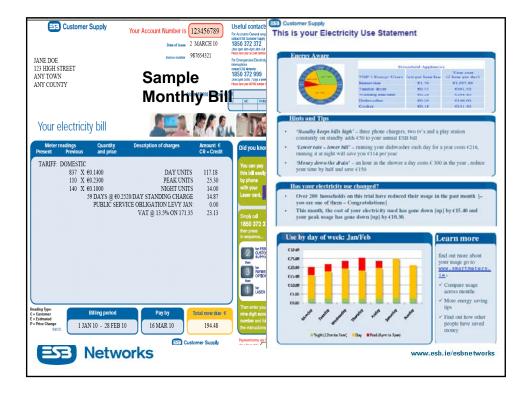


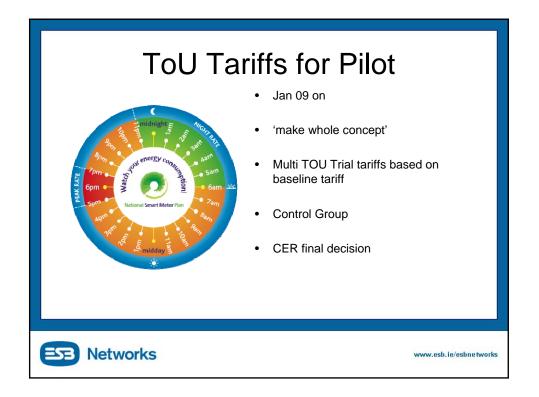




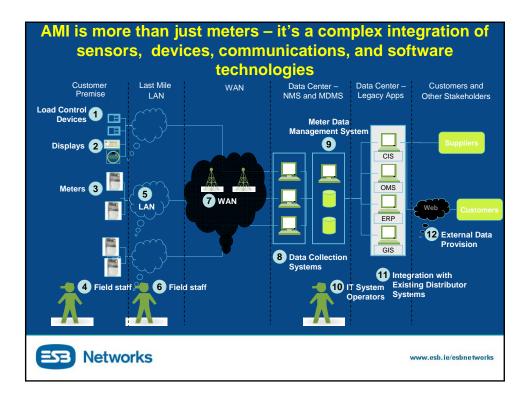


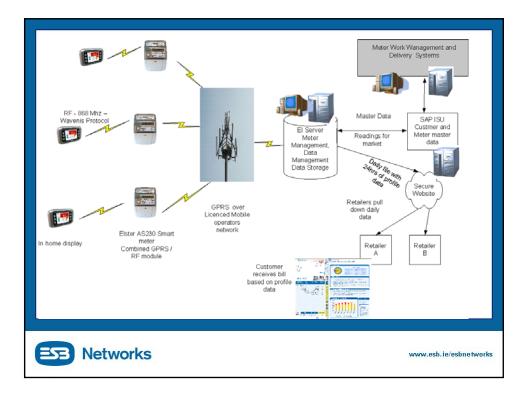


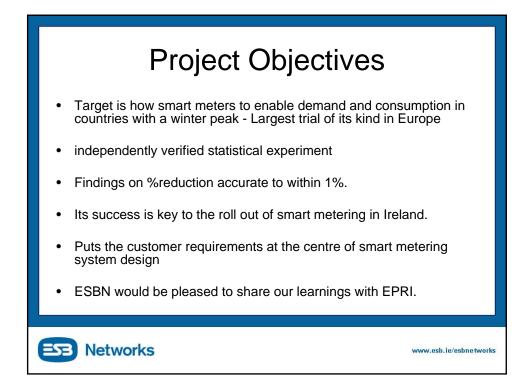


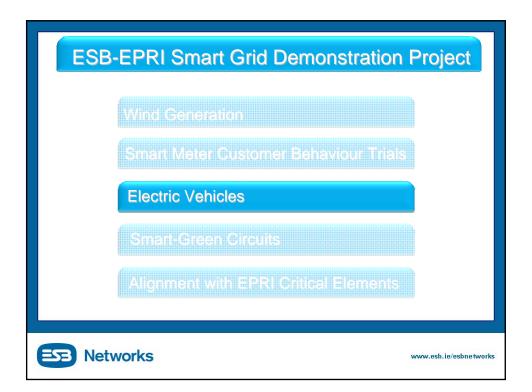


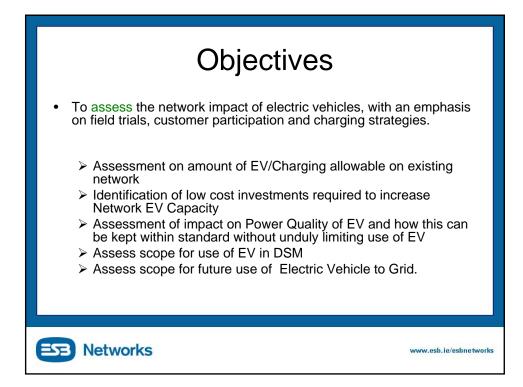


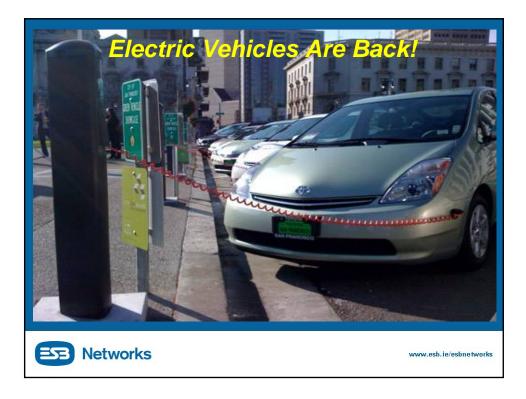




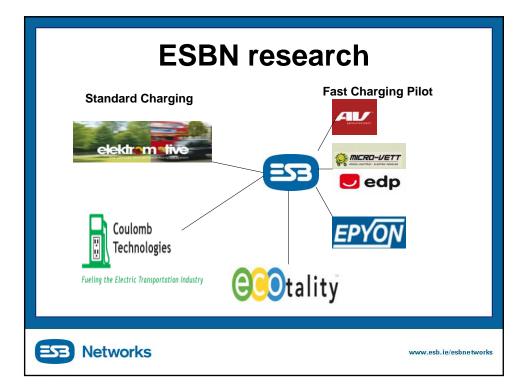






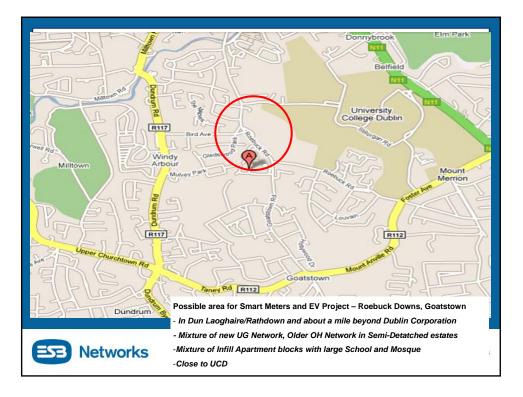


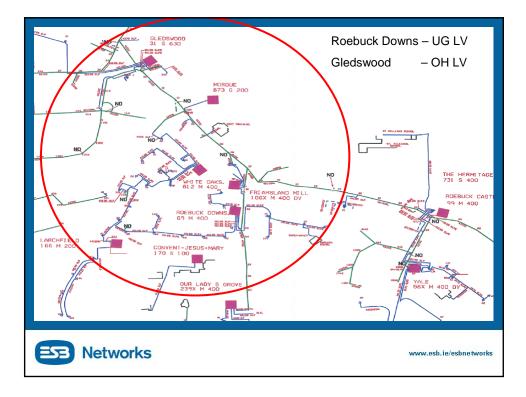




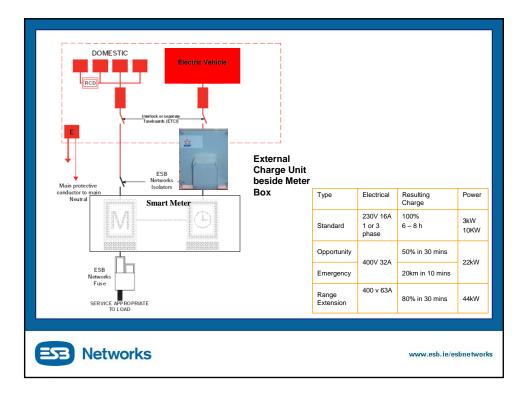


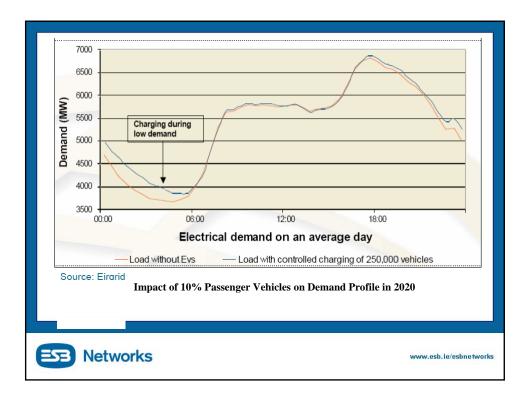


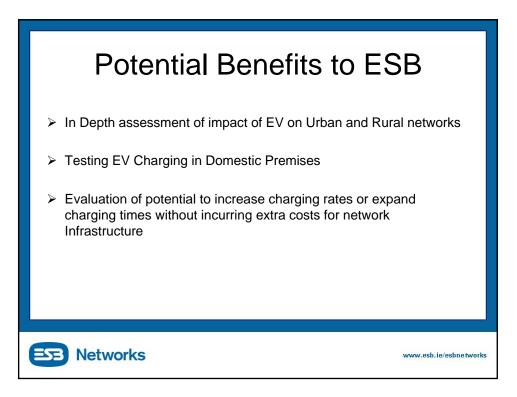


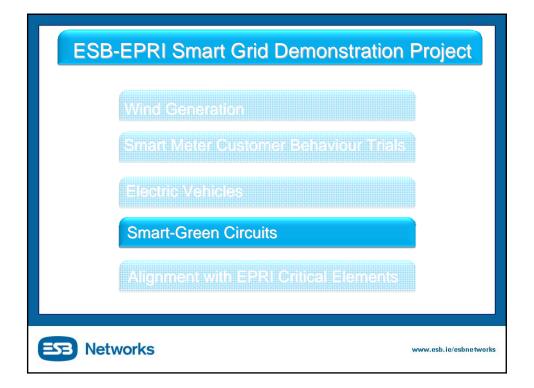


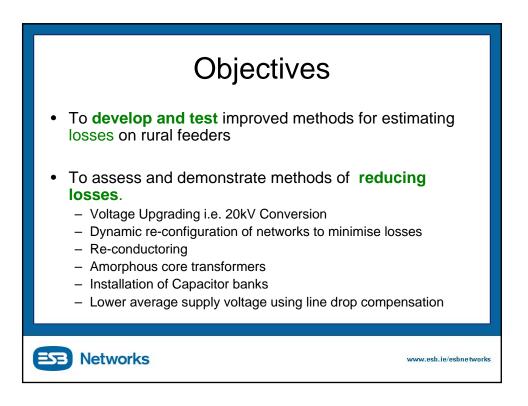


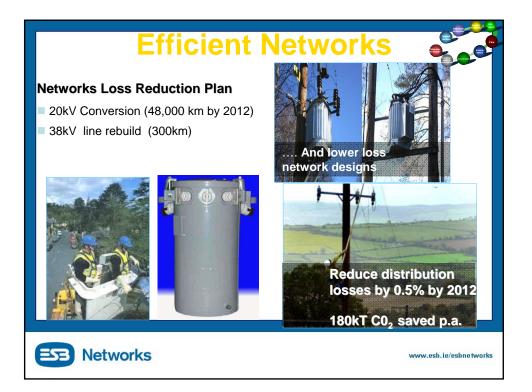


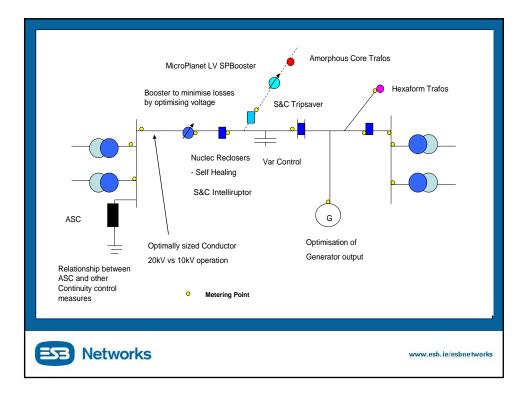












Green Circuits Proposed

- 4 MV circuits proposed
 - 10kV Circuit with 660kW Windfarm
 - 20kV Circuit with High Losses where Landfill Gas DG to be connected
 - 2 x 10kV Circuits where analysis shows 20kV Conversion apposite
- MV Circuit Typical Features :
 - Circuit contains two interconnected feeders between two 38/MVsubstations
 - 25 40 km Route length between 38kV stations
 - Serves 800 1,200 customers
 - 250 400 single phase transformers + some three phase transformers

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- Existing losses believed to be significant.
- Some small scale dispersed wind generation

Networks

<figure><text>

