

Maximising energy savings in Manchester

Major refurbishment of traffic technology throughout Greater Manchester is taking place to significantly reduce energy and save costs with newly developed retrofit equipment from Siemens, all aimed at reducing carbon emissions and power consumption. The project involves upgrading Siemens' pedestrian controllers to enable the replacement of incandescent lamps in around 600 signal heads at 120 pedestrian crossings with LED technology across all ten districts of Greater Manchester.

According to John Rice, Greater Manchester Strategic Transport Manager, as part of securing efficiencies through collaboration in service improvement and procurement, one of the authority's clear aims was to maximise the number of incandescent lamps replaced for a fixed budget and within a restricted timescale before the end of the year. 'Low-power retrofit technology helps Manchester save additional energy and costs from reduced lamp replacement and maintenance visits', he said.

The majority of the nominated installations required engineering work to be carried out by Siemens on the controller's processors and phase drivers to provide lamp monitoring of the new LED signals. On completion of the development work, the sites will be upgraded with newly-developed Peek Elite retrofit signal equipment from Siemens.

Enabling existing signals with incandescent lamps to be upgraded to LED technology without compromising functionality or infrastructure investment, Siemens retrofit option provides significant savings without reducing the optical performance of existing Helios signals. Easy to install and offering full lamp monitoring compatibility, the low-power retrofit provides a sustainable solution with minimum waste and both high optical brightness and outstanding phantom performance.

Continued/...

Consuming an average of just 9W across a typical dim/bright cycle, and offering power and carbon savings of over 75%, the retrofit modules fit existing traffic signal bodies, minimising waste and disposal issues – and further enhancing the carbon savings achieved.

About Siemens in the UK

Siemens was established in the United Kingdom 167 years ago and now employs 16,915 people in the UK. Last year's revenues were £4.2 billion. As a leading global engineering and technology services company, Siemens provides innovative solutions to help tackle the world's major challenges, across the key sectors of energy, industry and healthcare. Siemens has offices and factories throughout the UK, with its headquarters in Frimley, Surrey. The company's global headquarters is in Munich, Germany. For more information, visit www.siemens.co.uk

For more information, contact: Siemens Mobility, Traffic Solutions,

Head of Communications

Peter Preston
Tel: +44 (0) 1202 782390
Email: peter.preston@siemens.com

PR Account Manager

Julian Gollogly
Tel: 07770 924441
Email: julian.gollogly@ntlworld.com

This press release can be found on the web at: www.siemens.co.uk/traffic