

Press Release

PPC and Siemens collaborate on a pioneering Smart Water Metering pilot project for multi-occupancy building in Manchester

Mannheim, Germany and Manchester, UK. 5th October 2011 +++ Power Plus Communications AG (PPC), the leading provider of Broadband Powerline Communication systems (BPL) for smart metering and smart grids working with Siemens Metering, Communications & Services (MCS), the UK's leading independent meter services provider, today announced the successful completion of a pilot installation in the 'Chips' Apartments, Manchester for the purpose of remotely reading all water meters in the building.

PPC and Siemens have combined their respective skills to deploy a pilot project designed to demonstrate the full capabilities of PPC's state-of-the-art communications technology for smart metering. Siemens currently provides conventional and AMR meter data collection services to two of the UK's larger water utilities, reading AMR data from meters of multiple manufacturers'. During the project, AMR water meters, with 868MHz wireless M-Bus, short range radio interfaces, when combined with PPC's Broadband Powerline technology were able to ensure a fast, cost-efficient and highly secure smart metering solution for multi-dwelling houses. With PPC's BPL solution, the broadband transfer of IP data takes place over the existing cables and is the ideal solution for setting up a communication infrastructure for smart metering. It increases the reliability and stability of the metering system, allowing Siemens to achieve readings for 100 per cent of its meters at all times, in near real-time.

This modern communications technology fulfils regulations and ultimately drives down costs whilst the scalability of the solution facilitates easy extension for the future addition of other fuel meters, as well as the effective integration of renewable energy into the grid.

Ian Sykes, from Siemens MCS global headquarters Product Group stated "This pilot demonstrates the ability of the technology to help UK water utilities move from conventional metering to a Smart Infrastructure and we are exploring this technology with PPC, for potential inclusion in our comprehensive portfolio"

"PPC are extremely happy to be working with Siemens Metering, Communications & Services (MCS) and see this as a further endorsement of our technology and

capabilities. This project will allow PPC to further expand our client portfolio and we look forward to working on further smart metering projects with Siemens, says Eugen Mayer, COO at PPC

Power Plus Communications AG (PPC)

Power Plus Communications AG, Mannheim (www.ppc-ag.com) is Europe's leading provider of Broadband Powerline Communications (BPL) technology for Smart Grids. Both Managing Directors Ingo Schönberg (CEO) and Eugen Mayer (COO) have headed the company since its foundation in 2001. Thanks to its key technology for Smart Grids, BPL pioneer PPC has been chosen to participate in the German Federal Ministry of Economics and Technology's (BMWi) beacon project 'E-Energy', as well as being awarded several prizes, which include „Guardian Global Cleantech 100“, „Cleantech Investors Smart Grid 50“, „GP Bullhound Cleantech Connect 2009 and 2010“ and the „Potenzial Innovation“-prize by the German Chambers of Industry and Commerce as one of the 10 most innovative companies in Germany.

PPC's shareholders include the Managing Directors, employees and Climate Change Capital Private Equity, the PE investment fund of London based Climate Change Capital Group (CCC). CCC invests over 1.6 billion US\$ in the clean tech industry.

PPC's Broadband Powerline technology offers utilities a powerful and economic solution for smart metering and smart grids. The BPL technology is based on open standards and communicates via the existing power grid. The BPL system can easily transfer up-to-the-minute consumption data from electronic meters to the energy provider. The data is transmitted via a gateway in the building. This takes place in real-time, the data is encrypted and uses standard Internet-Protocols. As a pioneer for Broadband Powerline technology, PPC, has outstanding experience and expertise in this field having already connected more than 400,000 households in numerous Smart Grid and Smart Metering projects with renowned European utilities companies.

Siemens

Siemens Metering, Communications & Service (MCS) offer water utilities in the UK, a full range of data management, data collection and meter maintenance services. Our field force read both domestic and business meters. These reads are validated and processed through to the water supplier for billing.

As part of the service, we provide comprehensive operational and consultancy services. We install meters and data collection systems, collect and validate data and integrate the data with customers' core business systems. Our bespoke soft and hardware solutions work seamlessly with their IT landscape.

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