



Smart Meter Pilot Project in Berlin:

Vattenfall, Device and GreenPocket realize live presentation of smart metering data

Cologne/ Hamburg/ Berlin/Brackel, Sep. 28, 2010 – In July 2010, the energy group Vattenfall started to equip the large housing estate Märkisches Viertel in the Berlin district of Reinickendorf with 10,000 smart energy meters and with it one of Germany’s biggest pilot projects in the area of smart metering. A range of communication modules, developed jointly with the software specialist GreenPocket and the hardware developer Device, allow the data to be visualized on a TV screen, iPhone and iPod touch or on the online portal. In the pilot project, energy consumption can be visualized in real time on a TV, iPod touch and on iPhone devices for the first time in Germany.

“The smart metering technology represents a stepping stone toward a sustainable future energy supply”, comments Jens Berding, Managing Director of Vattenfall Europe New Metering GmbH. “The presentation of energy consumption encourages conscious energy usage by consumers”. The use of these solutions in pilot projects will enable Vattenfall to gain valuable experience on much discussed issues like consumer acceptance, the energy saving potential of smart meters and the use of different transmission techniques.

Transmission of energy consumption data directly into the home

When presenting energy consumption, data is routed directly from the meter to the communication module at the home of the customer. From here, information is prepared either as a television signal or sent via WLAN to an iPhone or iPod touch. The latest meter reading, energy consumption and current energy use are all displayed in form of a real time load profile. Previous energy consumption can be read by day, week, month and year. In addition, forecasts are offered for anticipated individual daily, weekly and monthly energy consumption. Users can store information on their energy product in the application and consequently also keep an eye on costs as well as on CO2 emissions.

“By visualizing energy consumption in real time, changes in the load – for instance as a result of switching on the microwave – can be read instantly”, explains Dr. Thomas Goette, CEO of GreenPocket GmbH. “Consumers therefore start to get a feel for their personal energy consumption behavior. By



presenting the energy usage values and their translation into cost and environmental record values, consumers learn to be more aware and efficient in the way they use energy. This is good for the environment and incidentally also the pocket.“

Pointing out the advantages of the display on a television set, Karsten Lehnart, Managing Director of Device GmbH, states: “Every household has a TV, everybody knows how to use it. Since no software installation is required for TVs, people who may not be entirely technology savvy also gain easy access to real time data of their energy consumption”.

About GreenPocket: www.greenpocket.de

About Device: www.device.de

About Vattenfall Europe New Metering GmbH: <http://www.vattenfall.de/de/maerkisches-viertel>

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