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Kamstrup's Smart Meters Help Raising Energy Awareness with Z-Wave Technology

*Low Energy Meters Suited for Home Energy Management
Are Recommended By The Danish Electricity Saving Trust*

Copenhagen – With a potent new tool for monitoring and managing home energy usage Kamstrup empower consumers to better manage energy use. The company's new generation of residential smart meters, marketed under the slogan 'The Green Difference', feature the globally recognised Z-Wave standard. This means that monitoring of electricity can now be integrated with intelligent home networks. Consumers can monitor their consumption data at any time.

The modular design of the Kamstrup smart meters allows utilities worldwide to offer residential consumers the choice of running intelligent home control. Consumers can easily access energy usage information, such as load, current energy consumption and accumulated energy consumption via their computer or in-home display. This allows consumers to follow their consumption figures on a daily basis and make their desired adjustments. Kamstrup smart meters are designed to make reading data easy and secure.

High levels of transparency for consumers

Z-Wave is a leading, two-way wireless communication protocol for smart home control applications. At present, the technology has been implemented in more than 300 home control devices. The Z-Wave Advanced Energy Control (AEC) Framework now makes it possible to integrate smart meters into home control solutions. For energy suppliers and smart meter manufacturers this opens up unique opportunities for developing intelligent, environmentally-friendly energy management systems for the home. In doing so, they provide maximum transparency in domestic energy consumption and allow consumers to actively control energy-consuming devices in their homes.

Thanks to the AEC, Z-Wave also offers secure, end-to-end transfer of data between the consumer and the energy supplier. Data, such as time-of-use rates on electricity, can be sent directly to in-home displays through the Z-Wave enabled smart meters. The AEC home control ecosystem can be configured to react to different rates and thereby create an automatic energy saving in-home environment. By empowering consumers with AEC energy suppliers and energy consumers can establish a common long-term energy

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efficient solution as opposed to the standard energy display solutions on the market.



DEST recommends Kamstrup meters

'The Green Difference' has not gone unnoticed by the Danish Electricity Saving Trust (DEST). The DEST is a national, non-profit organisation which promotes energy-saving practices among consumers and public institutions. Göran Wilke, Head of Secretariat at DEST, welcomes the 'green' meter concept: "Unlike their mechanical counterparts, smart meters provide real-time information about energy consumption which thereby improves energy-awareness. Furthermore, the Kamstrup smart meter is an energy-efficient device itself, consuming just 0.6 watt. Using devices such as this can also reduce CO2 emissions on a long-term basis."

More information is available at www.thegreendifference.info



Photos are available at a higher resolution at: fs@sprenkel-pr.com

About Z-Wave

Z-Wave® is the first technology to bring affordable, reliable and easy-to-use wireless control to every aspect of daily life – the home, consumer electronics, healthcare, and energy use, to name a few. Z-Wave is an award-winning, proven and interoperable* wireless mesh networking technology that allows a wide array of devices in and around the home to communicate including lighting, appliances, HVAC, entertainment centers, and security systems. Z-Wave brings many benefits to everyday life including remote home monitoring, home healthcare, safety and security, and energy conservation. Z-Wave certified products are currently available from leading consumer brands in more than 300 products. Z-Wave is the recipient of the 2006 Wall Street Journal Technology Innovation Award in the wireless category, the CNET "Best of CES Award" in the enabling technologies category, along with PC World's 2006 World Class Award, which recognizes the 100 best technologies and products of the year. For more information about Z-Wave please visit www.zwave.com

About Kamstrup

Kamstrup is a globally active hi-tech company specialising in the field of system solutions for energy metering. It serves energy suppliers with sustainable technologies that automatically collect and administer data regarding energy consumption in electricity, cooling, heating, water and gas units, in a clear and cost-saving manner.

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For more information on Z-Wave interoperability, visit www.z-wave.com/interoperable.

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