

PRESS RELEASE

Munich, 27 August 2012

EFR presents Smart Grid Hub with new extra functions at Metering Europe 2012 in Amsterdam, 9–11 October 2012, stand C36 in Hall 1

## EFR Smart Grid Hub provides usage data to PCs over the home network

The new version of the Smart Grid Hub communication module from EFR Europäische Funk-Rundsteuerung (Munich) allows readings from an electronic meter to be displayed directly on a computer screen. EasyMeter users can now analyse their usage, their electricity costs or the generation performance of their photovoltaic system or micro CHP unit in near real time in a highly convenient manner using a normal web browser. The web server also provides historical data and summaries, including diagrams showing readings over the last two months. The Smart Grid Hub thus allows user to identify possible energy savings and increase awareness of their own consumption.

The IP-based Smart Grid Hub also facilitates communication with market partners, such as electricity providers or meter reading operators. For this purpose the device has a built-in, individually addressable long-wave receiver to provide an economical and reliable channel for unscheduled tariff changes or reprogramming the tariff schedule stored in the EasyMeter. Additional communication channels – Internet connection over Ethernet, powerline communication or GPRS, depending on the device configuration – support two-way communication. In addition to allowing new tariff schedules to be downloaded to the smart meter, this allows consumers to send measured load cycles (their usage data) to the relevant service provider for billing.



The Smart Grid Hub's built-in web server allows the consumer's usage figures to be displayed and analysed on the computer without any need for the data to go beyond the house.



**Further information / Press and public relations:**

**EFR Europäische Funk-Rundsteuerung  
Ulrike Roessner**

P.O. box 200553 - 80005 Munich - Germany  
Tel.: +49 (0)89 1254-4671  
roessner@efr.de - www.efr.de

**Press'n'Relations II  
Ralf Dunker**

Graefstrasse 66 - 81241 Munich - Germany  
Tel.: +49 (0)89 5404722-11 - Fax: 089 5404722-29  
du@press-n-relations.de - www.press-n-relations.de

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**About EFR**

EFR is a systems operator for radio ripple control in Germany and Hungary and portions of neighbouring countries. Together with partner companies, EFR also offers a comprehensive and complete service package for planning, building and operating radio ripple systems. EFR's goal is to offer economically and technically advantageous tariff and load management systems and to enrich smart metering with new functions.