Landis+Gyr’s Smart Grid Terminal Delivers Revenue and Network Optimization to Stedin

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Landis+Gyr, the leading global provider of integrated energy management products and a Toshiba Group company, launches its S650 Smart Grid Terminal. With this development it brings to market a crucial component for advanced, low voltage distribution network infrastructures including transformer stations and street light applications. The S650 will now be rolled out in a smart grid pilot project with the Dutch energy company, Stedin, in Houten in the Netherlands.

Jon Stretch, Executive Vice President of Landis+Gyr EMEA said, “With this development, Landis+Gyr moves a step forward in helping our customers manage energy better. The S650 Smart Grid Terminal helps our customers to track activity in their transformer stations, and gives them the ability to control and monitor their street light infrastructure. The S650 can also be connected to a data concentrator in a smart meter deployment project. As a result, the Distribution System Operator can achieve overall network and revenue optimization.”

The announcement comes after the successful completion of the first phase of a smart grid pilot project at Stedin, one of the main distribution service operators in the Netherlands. The energy company has two million electricity metering points and 1.9 million gas connections.

“It is not hard to explain the win-win situation we have created here,” says Henk Fidder, Expert Asset Manager at Stedin, “With benefits immediately visible during the first installation phase, Stedin took the decision to proceed with the combined installation of both S650 solutions at its transformer stations in the country’s centrally located municipality of Houten. Two devices will now be installed at each of the transformer stations: One S650 controls and measures the street light application; the other monitors the transformer station. Both devices use the same communication channel.”

The applications housed under the S650 smart grid terminal provide an ‘all-in-one’ toolkit for distribution service operators at a competitive price. Landis+Gyr’s S650 includes advanced features such as an astronomical clock. It also provides certified measurements for controlling energy costs. When installed in low voltage transformers at photovoltaic connection points, or in power distribution splitters, the S650 delivers a number of benefits. These include asset protection, designed to protect transformers from negative conditions such as unbalanced loads; network status monitoring, which gives distribution service operators the ability to detect and minimize losses; power flow control and demand response functionalities.

Landis+Gyr developed the S650 to provide a decentralized, low cost street light control solution, as well as to provide an answer to the increasing number of challenges facing the low voltage distribution network sector.

About Landis+Gyr

Landis+Gyr is the leading global provider of integrated energy management products tailored to energy company needs and unique in its ability to deliver true end-to-end advanced metering solutions. Today, the Company offers the broadest portfolio of products and services in the electricity metering industry, and is paving the way for the next generation of smart grid. With annualized sales of more than US$1.6 billion, Landis+Gyr, an independent growth platform of the Toshiba Corporation (TKY:6502) and 40% owned by the Innovation Network Corporation of Japan, operates in 30 countries across five continents, and employs 5,200 people with the sole mission of helping the world manage energy better.


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