



## News Release

### ESNA Demonstrates On-going Commitment to Interoperability and Open Standards

*ESNA Announces OSGP DLMS/COSEM Integration and Works with DNV KEMA for OSGP Certification*

**Amsterdam, The Netherlands, October 4, 2012** – Energy Services Network Association ([ESNA](#)), an association composed of utilities, developers, and integrators that promote open standards for the smart grid, today announced two important initiatives to promote interoperability and drive adoption of the Open Smart Grid Protocol (OSGP) as a standard for smart meters and smart grid devices.

OSGP is a family of specifications published by the European Telecommunications Standards Institute ([ETSI](#)). OSGP, ETSI GS OSG 001, is a relatively new but widely used specification for smart meter and smart grid devices, with over 3.5 million OSGP based smart meters and devices deployed worldwide. OSGP is a very efficient data representation and interchange protocol that delivers high effective throughput on narrowband Power Line Communications (PLC) and other links. ESNA has partnered with [Gurux](#), a leader in device communications protocols for the smart grid, to provide utilities the ability to access OSGP-based smart meters using the widely used DLMS/COSEM application data model using IEC 62056 parts 47, 53, 61, and 62. OSGP DLMS/COSEM interoperability provides utilities the ability to choose a common data model for smart meters to lower IT integration costs while benefiting from the proven efficiency, reliability, and scalability of OSGP at the device networking layer for both smart meters and other smart grid devices.

To further speed and promote the adoption of OSGP as an open standard, ESNA has signed a Memorandum of Understanding with [DNV KEMA Energy & Sustainability](#) to offer OSGP conformance and interoperability test services. Working together, ESNA and DNV KEMA provide a trusted source of verification for utilities that vendors' products interoperate and conform to the OSGP specifications. The establishment of this cooperation provides vendors third-party validation of their OSGP implementations that can complement their internal test efforts.

ESNA will offer attendees of [Metering, Billing/CRM Europe 2012](#) in Amsterdam, The Netherlands, which runs from October 9-11, firsthand insight on how OSGP delivers a truly modern standard for a modern grid. Demonstrations in the OSGP by ESNA booth #D18 will include a demonstration of interoperability of a DLMS/COSEM enterprise application with OSGP based smart meters.

In addition, there is a pre-conference seminar entitled "OSGP the Open Smart Grid Protocol - a Flexible Solution to Reach Interoperability Between Systems and Parties Connected to the Energy Infrastructure" on Monday, October 8<sup>th</sup> from 13:00 to 15:30 CET. For more information, click [here](#).



To provide technical, product and partner information on OSGP, ESNA has also launched a new [website](#).

### **About Energy Services Network Association (ESNA)**

ESNA is an independent global, not-for-profit association that promotes the adoption of the Open Smart Grid Protocol (OSGP) and related services and infrastructure for smart grid applications. Members include utilities, software, hardware and service providers, and solution integrators that share a common goal and vision for promoting open standards for energy demand side management, smart grid and smart metering systems. More information about ESNA can be found at [www.esna.org](http://www.esna.org).

### **About DNV KEMA Energy & Sustainability**

DNV KEMA Energy & Sustainability, with more than 2,300 experts in over 30 countries around the world, is committed to driving the global transition toward a safe, reliable, efficient, and clean energy future. With a heritage of nearly 150 years, we specialize in providing world-class, innovative solutions in the fields of business & technical consultancy, testing, inspections & certification, risk management, and verification. As an objective and impartial knowledge-based company, we advise and support organizations along the energy value chain: producers, suppliers & end-users of energy; equipment manufacturers; as well as government bodies, corporations and non-governmental organizations. DNV KEMA Energy & Sustainability is part of DNV, a global provider of services for managing risk with more than 10,000 employees in over 100 countries. For more information on DNV KEMA Energy & Sustainability, visit [www.dnvkema.com](http://www.dnvkema.com).

### **About Open Smart Grid Protocol (OSGP)**

The Open Smart Grid Protocol (OSGP) is a family of specifications published by the European Telecommunications Standards Institute (ETSI) used in conjunction with the ISO/IEC 14908 control networking standard for smart grid applications. OSGP is optimized to provide reliable and efficient delivery of command and control information for smart meters, direct load control modules, solar panels, gateways, and other smart grid devices. With over 3.5 million OSGP based smart meters and devices deployed worldwide it is a widely used smart meter and smart grid device networking standard. More information about OSGP can be found at [www.opensmartgridprotocol.org](http://www.opensmartgridprotocol.org).

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