SMART GRID INTEROPERABILITY PANEL (SGIP) ANNOUNCES THE OPEN FIELD MESSAGE BUS (OPENFMB) PROJECT

SGIP Spearheads Collaborative Initiative to Bring the "Internet of Things" to the Utility Industry.

SAN DIEGO, CALIFORNIA, UNITED STATES, February 4, 2015 /EINPresswire.com/ -- The Smart Grid Interoperability Panel (SGIP), a member-led consortium that securely accelerates and advances Grid Modernization through interoperability, today announced the launch of the OpenFMB Project, a special SGIP working group designed to leverage existing standards and structured processes to create a new paradigm for true interoperability and peer-to-peer communication across vendors architecture that will increase business intelligence and operational efficiencies while allowing for secure and reliable communication and fast decision-making in the field.

Using Duke Energy's Distributed Intelligence Platform reference architecture demonstrated in the "Coalition of the Willing" project as a springboard, SGIP takes the lead in defining the OpenFMB concept as the way distributed applications and open interfaces can enable interoperable peer-to-peer data exchanges between distributed power systems devices on the electric grid's field area network(s). This OpenFMB framework provides a specification for power systems field devices to leverage a non-proprietary and standards-based reference architecture platform, which consists of internet protocol (IP) networking, Internet of Things (IoT) messaging protocols, and standardized common semantic models, to enable the secure, reliable, and scalable communications and peer-to-peer information exchange between devices on the electric grid.

It is the mission of SGIP to raise awareness and engage utilities, vendors, researchers, and industry stakeholders to participate in expanding this effort to leverage this distributed intelligence architecture to bring IoT to the utility industry. The OpenFMB initiative fosters new and innovative utility grid control and management features and functionality by enabling devices to communicate quickly with each other in an open, secure, and scalable fashion to create a more resilient, reliable, and robust grid that is integrated with the supply-side operations and demand planning. Another key benefit is improved integration of grid devices and services to end-use customer, especially in the wake of the fast growth

of distributed energy resources and the advent of transactive energy.

Stuart McCafferty, SGIP Vice President of Operations affirms, “SGIP is committed to leading the OpenFMB initiative, leveraging prior work, and welcomes industry participation.” SGIP is accepting OpenFMB participants who can contribute business use cases, requirements and test certifications to the distributed intelligence framework.

SGIP next steps for the OpenFMB Project include a kick-off meeting of the working group on March 5, 2015 in Phoenix, Arizona. Learn more here.

About the Smart Grid Interoperability Panel
The Smart Grid Interoperability Panel (SGIP) is a consortium that securely accelerates and advances Grid Modernization through interoperability and the leadership talents of its members. SGIP is committed to improving individual quality of life by integrating energy resources securely, intelligently and efficiently.

Gabrielle Puccio
Smart Grid Interoperability Panel
(919) 610-6694
email us here
