



NORTH AMERICAN ENERGY STANDARDS BOARD

801 Travis, Suite 1675 • Houston, Texas 77002 • Phone: (713) 356-0060 • Fax: (713) 356-0067
email: naesb@naesb.org • Web Site Address: www.naesb.org

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NAESB ANNOUNCES LAUNCH OF ESPI WEB SITE TO SUPPORT THE GREEN BUTTON INITIATIVE

The NAESB Energy Services Provider Interface (ESPI) standard, designed to provide a standardized process and interface for the exchange of retail customer energy usage information, was ratified by the NAESB membership and became an official NAESB standard at the end of 2011. The standard, which includes business practices, models and a schema, defines a consistent method for the authorization of third party access to retail consumer's usage information and a standardized interface for the exchange of that information. The goal of the standard is to support the development of innovative products that will allow consumers to better understand their energy usage and to make more economical decisions related to their energy consumption. The NAESB standards development effort was conducted with the support of the National Institute of Standards & Technology (NIST) and the Smart Grid Interoperability Panel (SGIP) along with several other groups committed to successful implementations of smart grid applications, and serves as an extension of the NAESB Energy Usage Information Model developed at the request of NIST and the SGIP.

The finalization of the standard occurred at an opportune time as, U.S. CTO Aneesh Chopra challenged the utility industry last September to launch a "Green Button" that would help consumers save energy and cut energy bills by allowing consumers to easily and securely download their own household energy usage. At the end of last year, [Pacific Gas and Electric Company](#), San Diego Gas & Electric and Southern California Edison took leadership roles in promoting the concept of a Green Button, adopting the NAESB ESPI standard, and developing a Green Button that would be available on their web sites and would allow consumers to download their energy usage information. The structure of the Green Button allows for the energy information to be shared by consumers with third parties in a straight-forward, standardized format.

In an effort to support the objectives of empowering consumers as they make energy decisions, NAESB has launched a new website that will provide detailed information about the standard, how it may be accessed and a tool kit to allow entrepreneurs and other interested parties the ability to design applications based upon the standard. The web site can be accessed from http://www.naesb.org/ESPI_Standards.asp. If you have suggestions to improve the tool kit for future releases, please contact our office at naesb@naesb.org.

The North American Energy Standards Board (NAESB) serves as an industry forum for the development and promotion of standards which will lead to a seamless marketplace for wholesale and retail natural gas and electricity, as recognized by its customers, business community, participants, and regulatory entities. It is composed of over three hundred corporate



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members in the energy industry and many more non-member volunteers who contribute to the drafting and adopting of NAESB standards. To learn more about NAESB, go to www.naesb.org, contact Denise Rager (drager@naesb.org) or call 713-356-0060.