



## IEEE MARKS MAJOR MILESTONES IN ADVANCEMENT OF P1901 DRAFT STANDARD FOR BROADBAND OVER POWER LINE NETWORKS

*Innovative standard to benefit Smart Grid, communications, utilities, consumer electronics, and other industries*

### Contact:

Karen McCabe, Director, Marketing  
+1 732-562-3824, k.mccabe@ieee.org

**International CES, Las Vegas, NV January 7, 2010** – IEEE, the world's leading professional association for the advancement of technology today announced that Draft 2.0 of its IEEE P1901 standard, ideally suited for Smart Grid, is now available for purchase, following substantial progress in its ongoing development. During its recent meeting in Tel Aviv, Israel, the IEEE P1901 Work Group (WG) successfully completed a variety of key project objectives, including achieving resolution of comments made to Draft 1.0 and broadening of collaborative and liaison activities with other interested, complementary organizations. With the significant gains in consensus approval on comment resolution, the WG voted to publish Draft 2.0 for the public.

IEEE P1901 will introduce a new standard for high-speed communications via electric power lines. Referred to as “Broadband over Power Line” (BPL), the standard is targeted for deployment in a range of applications and industries including Smart Grid, utilities, broadband and Internet service providers, consumer electronics manufacturing, transportation, and telecommunications. IEEE P1901 was developed around particular requirements created collaboratively by a diverse array of potential users, making it the only power line technology driven by end-user specifications. With work on the draft advancing steadily, IEEE P1901 represents the most innovative and mature BPL standard developed to-date.

“Through the rigorous, dedicated efforts of the IEEE P1901 WG, we have achieved considerable progress in the development of a unified BPL standard designed to greatly benefit all constituencies,” said Jean-Philippe Faure, IEEE P1901 WG Chair. “The positive results and solid consensus generated thus far strongly indicates a clear need for a single, comprehensive standard. We are fortunate to have this singular opportunity to play a central role in the creation of openly defined BPL technology architecture.”

With momentum growing towards implementation of Smart Grid technologies on a worldwide basis, BPL is expected to emerge as a critical driver in their deployment. IEEE P1901 will ensure interoperability among both BPL devices and other network protocols, acting as a conduit for seamless interaction between Smart Grid applications and systems. The new standard is expected to benefit Smart Grid-related enterprises, such as smart meter providers and home appliance manufacturers. With its role as the leading worldwide resource for Smart Grid data and expertise, IEEE is uniquely suited to lead the development of BPL standards and architecture.

IEEE P1901 is expected to become an approved standard before the end of 2010. Draft

2.0 of IEEE P1901 is available for purchase online from the IEEE store at [https://sbwsweb.ieee.org/ecustomercme\\_enu/start.swe?SWECmd=GotoView&src=0&Join=n&SWEView=Catalog+View+\(eSales\)\\_Main\\_JournalMags\\_IEEE&mem\\_type=Customer&SWEHo=sbwsweb.ieee.org&SWETS=1262734098&%3FWT.mc\\_id=tu\\_shop](https://sbwsweb.ieee.org/ecustomercme_enu/start.swe?SWECmd=GotoView&src=0&Join=n&SWEView=Catalog+View+(eSales)_Main_JournalMags_IEEE&mem_type=Customer&SWEHo=sbwsweb.ieee.org&SWETS=1262734098&%3FWT.mc_id=tu_shop).

For more information on the IEEE P1901 WG, including WG meeting schedules, please visit <http://grouper.ieee.org/groups/1901/>.

In addition, technology demonstrations with IEEE-SA and Smart Grid experts will be available during CES 2010 in Las Vegas, NV, at the following locations:

- **IEEE-SA**, Booth 35332, South Hall 4  
<http://standards.ieee.org>
- **HomePlug Alliance**, Booth 20301, South Hall 1  
<http://www.homeplug.org/home/>
- **HD-PLC Alliance**, Booth 20662, South Hall 1  
<http://www.hd-plc.org/>

#### **About the IEEE Standards Association**

The IEEE Standards Association, a globally recognized standards-setting body, develops consensus standards through an open process that engages industry and brings together a broad stakeholder community. IEEE standards set specifications and best practices based on current scientific and technological knowledge. The IEEE-SA has a portfolio of over 900 active standards and more than 400 standards under development. For information on the IEEE-SA, please visit: <http://standards.ieee.org>.

#### **About the IEEE**

IEEE is the world's largest professional association advancing innovation and technological excellence for the benefit of humanity. Through its more than 375,000 members in 160 countries, IEEE is a leading authority on a wide variety of areas ranging from aerospace systems, computers and telecommunications to biomedical engineering, electric power and consumer electronics. Dedicated to the advancement of technology, IEEE publishes 30 percent of the world's literature in the electrical and electronics engineering and computer science fields, and has developed nearly 900 active industry standards. The organization annually sponsors more than 850 conferences worldwide. Additional information about IEEE can be found at <http://www.ieee.org>.

###

---

[Copyright 2010 IEEE-SA](#)

[Contact IEEE-SA](#)

[http://standards.ieee.org/announcements/2010/pr\\_P1901\\_available.html](http://standards.ieee.org/announcements/2010/pr_P1901_available.html)