



Powered for the Future

The IEEE Baltimore Power Engineering Society Presents

Broadband over Power Lines (BPL): Enabling the 21st Century Smart Grid

**Wednesday, March 14, 2007
11:30 AM to 1 PM**

Broadband over Power Line (BPL) is much more than a technical solution for providing high speed consumer internet service over power lines. BPL enabled networks allow utilities to cost effectively implement multiple Smart Grid Services, including automated meter reading, distribution network monitoring and automated outage detection and restoration, among others. These services enable utilities to provide increased reliability, efficiency and security of energy services to their customers, while offering economic and societal benefits as well. The presenter will introduce BPL technology, and provide an overview of a large scale deployment utilizing BPL network solutions.

Presenter: Brian J. Deaver, Sr., P.E.

Brian Deaver is Product Manager of Smart Grid Services for CURRENT, the leading U.S.-based provider of Broadband over Power Line Solutions and Services. He joined CURRENT in 2005. Previously, Mr. Deaver spent 16 years with Baltimore Gas & Electric Company, most recently as the Supervisor of System Control Engineering and Design and the Lead Engineer on the Electric System ReDesign Program. Among his accomplishments, he led BGE's award winning Distribution Automation and Substation Control Integration projects. Mr. Deaver received his BSEE degree with a concentration in Power Systems from the University of Maryland, College Park in 1989. He is married with three children ages 17, 15 and 11.



Lunch will be provided

Cost is \$5.00 for both PES Members and non-members

Please RSVP to baltimorepes@ieee.org to ensure meal reservation

RSVP by Monday, March 12th

Rutherford Business Complex-South

7225 Windsor Blvd.

Baltimore, MD 21224

RBC-South Conference Center