

# IEEE PES Outstanding Power Engineering Educator Award

*For leadership in the power engineering field and contributions to the engineering profession and engineering education*

This award recognizes excellence in classroom teaching, course development and the promotion of student, local, transnational and technical activities.

To be eligible for this award, an individual must provide classroom instruction in electrical engineering at a college or university with an accredited electrical engineering program or equivalent, be a member of PES for at least one year, and be nominated by any PES member and endorsed by the chapter or technical committee of which the individual is a member.

The award consists of a plaque and honorarium of \$1,000.

Past Recipients:

- 1996 S. S. Venkata
- 1997 Peter W. Sauer
- 1998 Chanan Singh
- 1999 Mohamed E. El-Hawary
- 2000 Vijay Vittal
- 2001 Charles A. Gross
- 2002 Bruce F. Wollenberg
- 2003 Leo Grigsby
- 2004 Chen-Ching Liu
- 2005 Robert J. Thomas
- 2006 James S. Thorp
- 2007 Göran Andersson
- 2008 Ned Mohan
- 2009 Lalit Goel
- 2010 Richard G. Farmer

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**Thomas J. Overbye**  
2011 Recipient

*For Electric Power Engineering  
Education Innovation and Leadership*

**Thomas J. Overbye** is the Fox Family Professor of Electrical and Computer Engineering at the University of Illinois at Urbana-Champaign where he has taught since 1991. He received his BS, MS, and Ph.D. degrees in Electrical Engineering from the University of Wisconsin-Madison in 1983, 1988 and 1991 respectively.

Over his twenty years as an educator he has taught a variety of different courses including power system analysis, power system operations, renewable electric energy systems, electromechanics, and engineering ethics.

He is an author of the Power System Analysis and Design book, by Glover, Sarma and Overbye, now in its fifth edition. Dr. Overbye is also the original developer of PowerWorld Simulator, an innovative computer program for power system analysis, education and visualization, and is a co-founder of PowerWorld Corporation.

His current research interests include electric power system analysis, visualization, dynamics, and cyber security.

Dr. Overbye was the recipient of the IEEE PES Walter Fee Outstanding Young Engineer Award in 1993, the 2001 IEEE PES Regional Outstanding Engineer Award, the 2005 NSF IUCRC Alexander Schwarzkopf Prize for technological innovation, and a 2005 University of Wisconsin-Madison College of Engineering Distinguished Achievement Award. Finally, Dr. Overbye served on the U.S. DOE's Power Outage Study Team in 1999, helped with the development of DOE's National Transmission Grid Study in 2001-2002, and participated in the August 14th 2003 Blackout investigation.

