

**IEEE HERMAN HALPERIN ELECTRIC TRANSMISSION AND DISTRIBUTION AWARD**  
**RECIPIENTS**

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|---|---|
| 2024 – JOE HONG CHOW<br>Institute Professor of Engineering,<br>Electrical, Computer, and Systems<br>Engineering, Rensselaer Polytechnic<br>Institute, Troy, New York, USA | “For contributions to the modeling and control of large-scale power transmission systems.”  |
| 2023 – NIKOLAOS D. HATZIARGYRIOU<br>Professor, National Technical<br>University of Athens, Athens, Greece   | “For contributions to the development of microgrids and leadership in distributed and decentralized smart distribution networks.”                             |
| 2022 – JOHN UNDRILL<br>Consultant, John Undrill, LLC.,<br>Sedona, Arizona, USA  | “For contributions to the development of analytical tools and stability testing methods for electric power systems.”  |
| 2021 – BRIAN STOTT<br>President, Stott, Inc., Scottsdale,<br>Arizona, USA   | “For contributions to the development and application of power flow and optimal power flow analysis.”   |
| 2020 – DUSAN POVH<br>Private Consulting, Power Systems<br>HVDC and FACTS, Bavaria, Germany  | “For contributions to the development and applications of HVDC and FACTS.”  |
| 2019 – STEVEN A. BOGGS<br>President, Nonlinear Systems Inc.,<br>Ashford, Connecticut, USA   | “For contributions to the improved component reliability in transmission and distribution systems.”   |
| 2018 – JINLIANG HE<br>Professor, Department of Electrical<br>Engineering, Tsinghua University,<br>Beijing, China  | “For contributions to lightning protection of power transmission systems, including advancing analytic methods and innovation in line surge arresters.”       |
| 2017 – GEORGE DORWART ROCKEFELLER<br>Engineer (Retired), Consolidated<br>Edison Company of New York, New<br>York, USA   | “For pioneering development and practical demonstration of protective relaying of electric power systems with real-time digital computer techniques.”         |
| 2016 – GEORGE ANDERS<br>Professor, Department of<br>Microelectronics and Computer<br>Science, Lodz University of<br>Technology, Lodz, Poland                              | “For contributions to advances in computational methods for the thermal rating of electric power cables.”   |
| 2015 – WOLFRAM BOECK<br>Professor Emeritus, Technische<br>Universität München, Meersburg,<br>Germany  | “For contributions to the understanding of dielectric behavior of SF6 insulated systems for high- and extra-high-voltage substations and transmission lines.” |

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- 2014 – WILLEM BOONE  
Senior Consultant, KEMA,  
Oosterbeek, The Netherlands  
“For successful international leadership and guidance in understanding critical factors affecting power cable life and in improving diagnostic test procedures.”
- 2013 – VIJAY VITTAL  
Ira A. Fulton Chair Professor,  
Arizona State University, Tempe,  
AZ, USA  
“For development of power system stability assessment methods leading to the maximum utilization and increased reliability of transmission facilities.”
- 2012 – MICHEL DUVAL  
Senior Research Scientist, Hydro  
Quebec Institute of Research  
(IREQ), Quebec, Canada  
“For development and leadership in the condition monitoring of high-voltage power transformers and related equipment.”
- 2011 – JOHN H. BRUNKE  
Principal Consultant, Siemens PT&D,  
Freeland, WA, USA  
“For leadership in the development of advanced high voltage equipment technology, application and standardization.”
- 2010 – CARLOS KATZ  
Chief Engineer & President  
Cable Technology Laboratories, Inc.  
New Brunswick, NJ, USA  
“For developing understanding of factors that influence life of XLPE and EPR-insulated cable system.”
- 2009 – CARSON W. TAYLOR  
(Retired) Principal Engineer,  
Bonneville Power Administration,  
Portland, OR, USA  
“For contributions to enhance the voltage stability, dynamic performance, and reliability of large interconnected power systems.”
- 2008 – ROBERT C. DEGENEFF  
Professor, Electrical, Computer &  
Systems Engineer, Rensselaer  
Polytechnic Institute,  
Troy, NY, USA  
“For innovative and pioneering contributions to the computation and understanding of transient voltages in transformers and systems”
- 2007 – ERIC B. FORSYTH  
Brookhaven, NY, USA  
“For the practical application of superconductors to power transmission technology.”
- 2006 – ANJAN BOSE  
Dean, College of Eng & Architecture  
Washington State University  
Pullman, WA, USA  
“For enhancement of transmission system operation through the development of real-time operator training simulators.”

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- 2005 – JAMES J. BURKE  
Executive Consultant  
Synergetic Design, Inc,  
Cary, NC, USA  
"For contributions to power distribution engineering."
- 2004 – ANDREW JOHN ERIKSSON  
Member of the Board  
The Performance Group AS  
Oslo, Norway  
"For lightning research and its application to lightning protection of transmission lines and substations."
- 2003 – P. SARMA MARUVADA  
Consultant, Quebec, Canada  
"For contributions to the understanding and characterization of electromagnetic fields and corona phenomena associated with high voltage AC/DC overhead transmission lines."
- 2002 – JOHN J. VITHAYATHIL  
Consultant  
Portland, OR, USA  
"For pioneering contributions of the thyristor-controlled series capacitor system and for leadership in the advancement of HVdc system technologies."
- 2001 – ARTHUR C. WESTROM  
Westrom Technologies  
Stone Mountain, GA, USA  
"For contributions to the innovation, design and commercialization of electric power distribution products."
- 2000 – ARUN GAJANAN PHADKE  
Virginia Polytechnic Institute  
and State University  
Blacksburg, VA, USA  
"For leadership in the field of computer relaying and for the conception of the synchronized phasor measurement technique using Global Positioning Systems (GPS) satellite signals."
- 1999 – CHARLES L. WAGNER  
Export, PA, USA  
"For contributions to the design, analysis and application of electric power transmission and distribution systems."
- 1998 – VINCENT THOMAS MORGAN  
Commonwealth Scientific and  
Industrial  
Research Organization  
Linfield, Australia  
"For contributions to the understanding of the electrical, mechanical and thermal behavior of electric power transmission and distribution lines."
- 1997 – B. DON RUSSELL  
Texas A&M University  
College Station, TX, USA  
"For contributions to the understanding and detection of high impedance earth faults in electric power distribution systems."

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- 1996 – FAROUK A. M. RIZK  
Hydro Que Inst. of Research  
Quebec, Canada  
"For contributions to high-voltage power transmission research and technical leadership in insulation coordination."
- 1995 – VERNON LEE CHARTIER  
Bonneville Power Administration  
Vancouver, WA, USA  
"For contributions to the understanding and characterization of the electromagnetic environment of high voltage transmission lines."
- 1994 – ABDEL-AZIZ A. FOUAD  
Iowa State University  
Ames, IA, USA  
"For contributions to electrical power system analysis leading to improved control and stability of large utility systems."
- 1993 – MAT DARVENIZA  
University of Queensland  
Queensland, Australia  
"For contributions to the lightning protection of power equipment, including both engineering analysis and protective equipment design."
- 1992 – ANDREW R. HILEMAN  
Westinghouse Electric Corp.  
Monroeville, PA, USA  
"For meritorious achievement in the advancement of technology for insulation coordination, switching overvoltages, and testing of high voltage electric power transmission systems."
- 1991 – JOHN G. ANDERSON  
Power Tech Inc.  
Schenectady, NY, USA  
"For contributions to the insulation coordination of transmission lines."
- 1990 – JOHN A. CASAZZA  
Casazza, Schultz & Assoc.  
Arlington, VA, USA  
"For leadership in and contributions to the development and reliable utilization of electric power transmission systems."
- 1989 – JOHN J. DOUGHERTY  
Electric Power Res. Inst.  
San Jose, CA, USA  
"For leadership in and contributions to the fields of power transmission and distribution, the development of high voltage apparatus, and the advancement of DC transmission technology."
- 1988 – LUIGI PARIS  
Power System Engineering  
Rome, Italy  
"For contributions to the development of Extra – and Ultra-High Voltage transmission engineering technology."
- 1987 – ROBERT F. LAWRENCE  
Westinghouse Electric Corp.  
Pittsburgh, PA, USA  
"For contributions to concepts and equipment for the transmission and distribution of electric power."