

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

- 2022 – JOHN UNDRILL  
Consultant, John Undrill, LLC.,  
Sedona, Arizona, USA  
“For contributions to the development of analytical tools and stability testing methods for electric power systems.”
- 2021 – BRIAN STOTT  
President, Stott, Inc., Scottsdale,  
Arizona, USA  
“For contributions to the development and application of power flow and optimal power flow analysis.”
- 2020 – DUSAN POVH  
Private Consulting, Power Systems  
HVDC and FACTS, Bavaria, Germany  
“For contributions to the development and applications of HVDC and FACTS.”
- 2019 – STEVEN A. BOGGS  
President, Nonlinear Systems Inc.,  
Ashford, Connecticut, USA  
“For contributions to the improved component reliability in transmission and distribution systems.”
- 2018 - JINLIANG HE  
Professor, Department of Electrical  
Engineering, Tsinghua University,  
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  
Engineer (Retired), Consolidated  
Edison Company of New York, New  
York, USA  
“For pioneering development and practical demonstration of protective relaying of electric power systems with real-time digital computer techniques.”
- 2016 – GEORGE ANDERS  
Professor, Department of  
Microelectronics and Computer  
Science, Lodz University of  
Technology, Lodz, Poland  
“For contributions to advances in computational methods for the thermal rating of electric power cables.”
- 2015 - WOLFRAM BOECK  
Professor Emeritus, Technische  
Universität München, Meersburg,  
Germany  
“For contributions to the understanding of dielectric behavior of SF6 insulated systems for high- and extra-high-voltage substations and transmission lines.”
- 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.”

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- 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."
- 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

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- 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."
- 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  
"For contributions to the lightning

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University of Queensland  
Queensland, Australia

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."