

# avenues for recognition

## *awards affirm the contributions of colleagues*

THE PRESTIGIOUS ACHIEVEMENT of an IEEE Power & Energy Society (PES) Society-level award is assuming a major role in both industrial and academic communities worldwide. It recognizes technical or scientific leadership in strategic fields of interest of PES. To ensure the award's status as a valuable and reliable index for job recruitment or career advancements, the rating process targets consistency and equity.

The PES awards committee is devoted to guaranteeing consistent, rigorous, and equitable selecting processes that support uniform evaluations across all Society and Chapter awards. The committee defines strict, ethical rules to avoid conflict of interest, which otherwise could affect the impartiality of the evaluation process.

PES Society-level awards cover a wide range of domains with different purposes and eligibility criteria. Some of them are jointly managed with other societies. The joint awards are the Yu-Hsiu Ku Electrical Engineering Award, established with the Chinese Society for Electrical Engineering to recognize electrical engineering professionals that impacted the Chinese Society, and the A.P. Seethapathy Rural Electrification Excellence Award administered in conjunction with the IEEE Industry Applications Society to recognize power engineers who have implement-

ed better and cheaper electrification technologies for the rural sector.

Awards that focus on power distribution systems include the IEEE PES Award for Excellence in Power Distribution Engineering for engineering contributions enhancing the quality and economy of electric distribution systems; the IEEE PES Douglas M. Staszkesky Distribution Automation Award for innovative industry contributions in power distribution systems automation; and the IEEE Power & Energy Society Ramakumar Family Renewable Energy Excellence Award for outstanding contributions the development, use, and integration of renewable energy resources.

Three Society awards focus on transmission systems: the IEEE PES Charles Concordia Power Systems Engineering Award for power system engineering contributions in high-voltage bulk power systems; the IEEE PES Uno Lamm High Voltage Direct Current Award for contributions to high-voltage dc technology; and the IEEE PES Nari Hingorani FACTS and Custom Power Awards for contributions to flexible alternating current transmission systems, custom power technologies, and their applications.

Innovative technologies and methodologies that can be deployed to both transmission and distribution systems, such as electromechanical energy conversion technologies, power system reliability analysis tools, and power system analysis and control techniques,

are recognized by the IEEE PES Cyril Veinott Electromechanical Energy Conversion Award, the IEEE PES Roy Billinton Power System Reliability Award, and the IEEE PES Prabha S. Kundur Power System Dynamics and Control Award, respectively.

PES Society-level awards not only recognize pioneering scientific and technical contributions but also emphasize the important role played by educational leadership on young power engineers. The IEEE PES Outstanding Power Engineering Educator Award recognizes outstanding contributions and leadership in power engineering education. The IEEE Power & Energy Society Outstanding Student Scholarship recognizes PES student members who have chosen an academic path leading to an electric power and energy engineering career. The IEEE PES Outstanding Young Engineer Award is dedicated to engineers ages 35 years or younger for outstanding contributions in the leadership of technical society activities, leadership in community and humanitarian activities, and evidence of technical competence through significant engineering achievements.

Several PES Society-level awards cover strategic contributions that electric power engineers make to society. The IEEE Power & Energy Society Leadership in Power Award recognizes industry leaders for promoting the electric power engineering profession. The IEEE PES Robert Noberini

Distinguished Contributions to Engineering Professionalism Award honors long-term dedicated effort and outstanding accomplishments in advancing the aims of IEEE professional activities in the areas served by PES.

To foster diversity in leadership by supporting career advancement, networking, and education of women in the electric power and energy industry, the IEEE PES Wanda Reder Pioneer in Power Award recognizes a deserving female in the field of power engineering. The award provides visibility

to the efforts, accomplishments, and future potential of the awardee. It empowers her to be an inspirational role model for other women in the industry.

Finally, the IEEE Power & Energy Society Lifetime Achievement Award honors exceptional power engineers for their outstanding career-long contributions to the art and science of electric power engineering. The IEEE PES Meritorious Service Award recognizes outstanding contributions in leadership and technical and educational activities of PES.

Recognition is a powerful, heart-warming function of any Society. These PES awards are your tools to bring recognition to deserving members. Please use them to nominate the worthy people you know. More details about the PES Society-level awards, including the composition of the awards committee, the procedures adopted for the selection process, and the award recipients, are available at the following link: <https://www.ieee-pes.org/pes-communities/awards>.



---

## guest editorial (continued from p. 15)

Finally, the “In My View” column, by Mark McGranaghan, provides an expert summary of the different advantages and challenges of getting flexibility from DERs. McGranaghan, as many of us, is confident that as more concepts and approaches are being demonstrated around the world, we will soon be able to make the most of DERs and achieve our goals of affordability, sustainability, reliability, and resilience. He provides a

truly insightful column to wrap up this *IEEE Power & Energy Magazine* issue.

### Special Thanks

We are grateful to the University of Melbourne, Australia, and the University of Manchester, United Kingdom, where we work. They have been very supportive of our volunteering activities within the IEEE Power & Energy Society. A big thank you goes out to the authors of this

issue who have worked hard to enthusiastically share their remarkable expertise. A particular thank you to Steve Widergren, editor-in-chief of *IEEE Power & Energy Magazine*, and Antonio Conejo, associate editor for this issue, who provided us with the opportunity of serving as guest editors and kindly helped us through every step of the process, including their insightful feedback.



---

## history (continued from p. 94)

C. L. Fortesque, “Method of symmetrical co-ordinates applied to the solution of polyphase networks,” *AIEE Trans.*, vol. 37, no. 2, pp. 1027–1140, June 1918. doi: 10.1109/T-AIEE.1918.4765570.

R. F. Schuchardt and E. O. Schweitzer, “The use of power-limiting reactances with large turbo-alternators,” *Trans. Amer. Inst. Elect. Eng.*, vol. 30, no. 7, pp. 1669–1720, June 1911. doi: 10.1109/PAIEE.1911.6659610.

G. Forbes, *The Electrician*, London, England, Nov. 24, 1893.

S. P. Thompson, “The distribution of power from Niagara,” *Engineering*, Dec. 1, 1893.

C. P. Steinmetz, “Power control and stability of electric generating stations,” *Trans. Amer. Inst. Elect. Eng.*,

vol. 39, no. 2, pp. 1215–1287, July 1920. doi: 10.1109/T-AIEE.1920.4765322.

F. Bedell, “History of the A-C waveform, its determination and standardization,” *Trans. Amer. Inst. Elect. Eng.*, vol. 61, no. 12, pp. 864–868, Dec. 1942. doi: 10.1109/T-AIEE.1942.5058456.

H. W. Buck, “The buffalo high-tension cable distribution system,” *Trans. Amer. Inst. Elect. Eng.*, vol. 18, pp. 835–841, Nov. 1901.

W. S. Aldrich and G. W. Redfield, “Performance of an artificial forty-mile transmission line,” *Trans. Amer. Inst. Elect. Eng.*, vol. 18, pp. 339–360, Aug. 1901.

E. W. Rice, “The control of high potential systems of large power,” *Trans. Amer. Inst. Elect. Eng.*, vol. 18, pp. 407–420, Aug. 1901. doi: 10.1109/T-AIEE.1901.4764190.

A. R. Cheney, “The modern oil switch with special reference to systems of moderate voltage and large ampere capacity,” *Proc. Amer. Inst. Elect. Eng.*, vol. 29, no. 6, pp. 959–976, June 1910. doi: 10.1109/PAIEE.1910.6660135.

L. J. Linda and B. W. Wyman, “The development, design, and performance of magnetic-type power circuit breakers,” *Trans. Amer. Inst. Elect. Eng.*, vol. 65, no. 6, pp. 386–393, June 1946. doi: 10.1109/T-AIEE.1946.5059359.

C. F. Wagner and R. Evans, *Symmetrical Components*. New York: McGraw-Hill, 1933.

E. Clarke, *Circuit Analysis of AC Power*. New York: Wiley, 1941.

