

IEEE Power & Energy Society
Author's Kit
(Part 7 last revised October 2006)

Part 7: IEEE Power & Energy Magazine
for electric power professionals

This part of the Author's Kit defines the scope of *IEEE Power & Energy Magazine* and provides author guidelines, submission requirements, and electronic publishing information.

Scope

IEEE Power & Energy Magazine is a bimonthly publication of the IEEE Power & Energy Society (PES) dedicated to disseminating information on all matters of interest to electric power engineers and other professionals involved in the electric power industry. Readers are kept up to date on the latest technological advancements, industry news, business trends and strategies, products, and publications. Important newsworthy items concerning the worldwide activities and achievements of PES, its organizational units, and its individual members are included.

In conjunction with the printed edition of *IEEE Power & Energy Magazine*, time-sensitive information is made available electronically to interested parties at frequent, regular intervals.

Feature Articles

Feature articles focus on advanced concepts, technologies, and practices associated with all aspects of electric power from a technical perspective in synergy with nontechnical areas such as business, environmental, and social concerns.

Departments/Columns

- From the Editor
- Letters to the Editor
- From the Top
- The Business Scene
- Tectorial
- Guest Editorial
- Author Guidelines
- Book Review
- Society News
- Standards Corner
- Awards
- History
- Industry News
- New Products
- Calendar
- In My View

Author Guidelines

Hands-on or how-to types of articles are preferred. Articles should be of interest to PES members, young engineers, faculty, students, and advertisers.

Articles should be technically sound, but written at a level for general readership by members of all areas of the electric power industry. Articles should not include equations, unless the equations are required to supplement words in the article; equations should never substitute for such words.

An article must not resemble an advertisement. A trade name may be used once, after which generic substitutes such as "method," "software," or "system" must be used.

In contrast to PES Transactions, *P&E* articles will be published without preprint, discussion, or closure. However, comments on articles may be offered in the form of letters to the editor and will be considered for publication.

Articles may not exceed six pages; based on the format and spacing used in *P&E*, this upper limit is approximately 5,000 words (including biographies, tables, graphics, etc.). Authors may submit references when considered necessary to show authority or justify a position, but such will not be published. Instead, authors are encouraged to provide a short list (not over six) of other articles. A short biography of each author and coauthor is requested. Manuscripts should be double-spaced, unformatted, single-column, with a page size of 21.6 x 27.9 centimeters (8.5 x 11 inches).

Illustrations, photographs, and line drawings should support the text. Line drawings should be black and white, camera-ready quality. Processed color may be used for special effect.

Graphs should be drawn with just the major coordinate lines showing. Lettering on illustrations should be set in upper- and lower-case in a sans serif typeface (e.g., Helvetica) and should be 8 point when the illustrations are sized to the width of one column (82.5 millimeters, 3.25 inches, or 19.5 picas). Line weights should be .5 or 1 point when the illustration is sized to the width of one column. Computer-generated graphics should be submitted as individual files (one file for each figure), and high-resolution output is required for backup purposes. Photographs and screen-captures must be high-resolution bitmapped graphics files, high-quality color transparencies/prints, or high-quality black-and-white transparencies/prints.

The [IEEE Copyright Form](#) must be completed by the lead author of any article accepted for publication. If an author submits an article that has been published previously in whole or in part, he or she should so state, provide the reference, and explain what part of the offering contains new or updated information.

Submissions

Articles to be published in the magazine will be peer-reviewed by the editorial board and/or selected advisors. The articles should be approximately 5,000 words, including graphics, tables, and author biographies. A preliminary proposal (including title, subject matter, and scope) should be sent to Melvin I. Olken, Editor-in-Chief, 245 East 19th Street #20K, New York, NY 10003-2665 USA, phone/fax: +1 212 982 8286, e-mail: molken@ieee.org.

Electronic Publishing Information

P&E is edited, designed, and produced using a multi-platform electronic publishing system. Most of *P&E*'s articles are created on computer-based systems, and authors are encouraged to participate in the electronic publishing of *P&E* by submitting their electronic files. It is also important to include a PDF file of the text and graphics. There are many word processing and graphics packages on the market, each of which is capable of saving/exporting files in various file formats. Some are more versatile than others. The

following are preferred formats for *P&E*'s text and graphics files. Note that conversion facilities are available, so other formats may also work; however, further manipulation may be required.

Text. Submit text files in Microsoft Word (.doc), ASCII format (.txt), or Rich Text Format (.rtf). LaTeX is also supported. Make sure that the text file includes all text components (the article, tables, captions, biographies). Do not include embedded graphics or coding for typesetting or page layout, as the files will be edited and tagged for IEEE Magazines' processing requirements. A PDF file of the paper must also be submitted.

Graphics. Submit each figure as an individual file, and name each file as it relates to the article (for example, fig1.eps, fig2.tif, photo1.tif, etc.). There are four basic types of graphics used in *P&E*: line drawings, waveforms, screen-capture images, and photographs. Some graphics packages produce results that are inappropriate for use in high-end publishing. Avoid using presentation packages (such as Harvard Graphics, HP Gallery, PowerPoint) and high-end CAD packages.

Line drawings should be submitted as Adobe Illustrator, Aldus Freehand, or Corel Draw files in their native formats; if other packages are used, export files in encapsulated postscript (.eps) or bitmapped (.tif) format, assuming that type sizes and line weights conform to specifications outlined in the *P&E* Author Guidelines.

Waveforms should be submitted in encapsulated postscript or bitmapped format, assuming that type sizes and line weights conform to specifications outlined in the *P&E* Author Guidelines.

Screen-capture images should be submitted in bitmapped format (.tif or .bmp). Before the image is captured, set the screen resolution as high as possible, select a light background color for the screen image, and make the image as large as possible.

Photographs taken with a digital camera should be submitted in a bitmapped (.tif) format; photographs taken with a traditional camera should be submitted as high-quality color transparencies, slides, or prints, and they will be scanned into a bitmapped format.

File Transfer. Files may be submitted on diskette or through the Internet via e-mail or ftp. Files may be compressed, if necessary.

For More Information. If you have specific questions about the files used in your article, contact: Geraldine Krolin-Taylor, Senior Managing Editor, IEEE Magazines, 445 Hoes Lane, Piscataway, NJ 08855-1331 USA, phone: +1 732 562 6879, fax: +1 732 981 1855, e-mail: g.krolin-taylor@ieee.org.