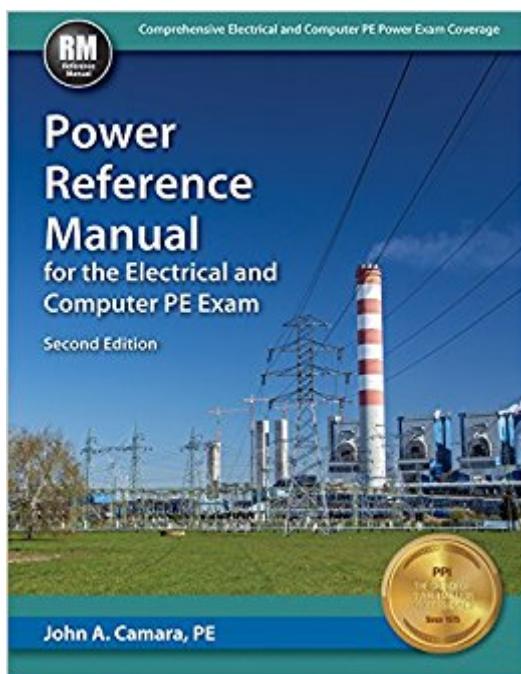


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# Power Reference Manual For The Electrical And Computer PE Exam Second Edition, New Edition



## Synopsis

The Power Reference Manual for the Electrical and Computer PE Exam is the most comprehensive textbook for the NCEES Electrical and Computer PE Power exam. This book's time-tested organization and clear explanations start with the basics to help you get up to speed on common electrical engineering concepts. Together, the 62 chapters provide an in-depth review of topics and codes listed in the NCEES Electrical and Computer PE Power exam specifications. The extensive index contains thousands of entries, with multiple entries included for each topic, so you can easily find the concepts you will need during the exam. This book features: over 40 appendices containing essential support material; over 500 clarifying examples; thousands of equations, hundreds of figures, and a wide range of tables; industry-standard terminology and nomenclature; equal support of U.S. customary and SI units. After you pass your exam, the Power Reference Manual will continue to serve as an invaluable reference throughout your electrical engineering career.

**Topics Covered:** Circuit Analysis; Devices and Power Electronic Circuits; Analysis; General Power Engineering; Measurement and Instrumentation; Special Applications; Codes and Standards; Rotating Machines and Electromagnetic Devices; Rotating Machines; Electromagnetic Devices; Transmission and Distribution System Analysis; Power System Performance; Protection

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## Customer Reviews

John A. Camara, PE, has authored more than a dozen books on Electrical and Computer PE,

Nuclear PE, and FE exam preparation, enabling thousands of students and professionals to pass their engineering exams. He is a retired U.S. Navy Lieutenant Commander and is currently a technical fellow with The Boeing Company. Mr. Camara received his bachelor of science degree in electrical and computer engineering/materials science and engineering from the University of California at Davis and his master of science degree in space systems from the Florida Institute of Technology.

This book is a must have for the exam. It covers just about any and every topic (not very strong on VFD's though). It is good as a reference book only. Don't expect to buy it and learn about the material. Use other materials to learn the topics, then use this book as a reference book. I honestly did not use this book very often while I studied as it was huge, contained a ridiculous amount of information, and was overwhelming to even open. I also did not intend on using it for the exam..... And man was I wrong. The test threw a bunch of curve balls at me that I had not prepared for and if it was not for this book, I would not have passed the exam. Like I said... it has information on just about every topic.

This book is well written, but only touches some subjects in a light way. It does cover a whole lot of subjects. When using it for the exam, the examples are not very useful. The index is very good and covers a lot. Some of the material is a little vague, such as working with Asymmetrical Sequences, whereas the Engineering Economics goes into too many areas. As a future reference, this book would serve the purpose. With respect to cost, it is pricey. The lowest cost is from PPI, from what I have seen. The Author tries to convince the reader to keep this book and use it in their engineering field. For me, I might keep this, we will see. Do NOT buy the sample tests from PPI, they are NOT comparable. Instead, buy the NCEES study book.

I bought this book because it was recommended by co-workers and by many posters on engineerboards.com. The book was incredibly helpful for solving review problems for the test. I found it slightly less helpful for the PE itself, although it helped my confidence to know that I had it and that I had practiced with it enough to make it a useful reference. It remains to be seen whether or not it's a useful reference book in the workplace, but I'm keeping it around, anyway.

Has a lot of information but I wish the materials and formulas were more condensed to be specific for the PE. I felt the Graffeo book did a better job as a go to reference for the exam. This book

helped me on the more obscure problems presented on the exam which were not in my other text books.

This is a must have item by many other PEs. During the exam and studying, I used this along with my own reference manual the most. This reference manual divides the material into topics and covers a wide area from math to electronics. If you are taking the Power PE, this is a must have. I bookmarked the sections for easier reference. I also passed the PE.

This book contains about 90% of the concepts that you will need to solve problems. This book coupled with NEC handbook, Electrical Machines by Theodore Wildi, Power Systems Analysis and Design by Duncan Glover and The Four Volume Complex Imaginary practice exam problems set should work for PE Power Preparation.

Ok coverage of a high level overview of what needs to be covered, but by no means close to what was on the actual exam. This is just one of the many tools(books) you will need to use to successfully pass the PE

Great book with a wide and at the same time very detailed information, and practice problems. But you need to complete it with other books more advanced in some topics.

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