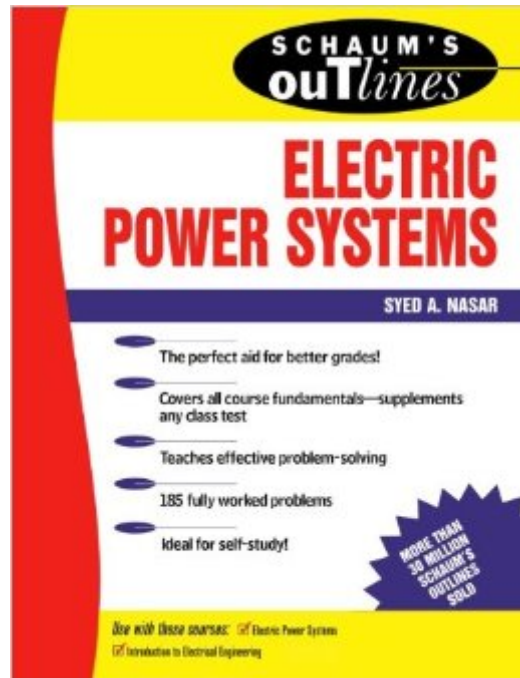


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# Schaum's Outline Of Electrical Power Systems



## Synopsis

If you want top grades and excellent understanding of electric power systems, this powerful study tool is the best tutor you can have! It takes you step-by-step through the subject and gives you accompanying related problems with fully worked solutions. You also get hundreds of additional problems to solve on your own, working at your own speed. This superb Outline clearly presents every aspect of real-world power system calculation and implementation. Famous for their clarity, wealth of illustrations and examples, and lack of dreary minutia, Schaum's Outlines have sold more than 30 million copies worldwide. Compatible with any textbook, this Outline is also perfect for standardized test or professional exam review.

## Book Information

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## Customer Reviews

This book provides a good , basic introduction to power systems. However, the number of errors and typos in this book is unexceptable. Every section has several errors in it. Many important topics are glossed over. After being out of school for several years, I have been using this to review subjects for the P.E. exam that I don't work with on a daily basis. This is not the book to use for this because of the number of errors.

In view of the fact that "Ideal for self-study!" is one of the Schaum's milestone assertions, one could expect that those kinds of books are fully revised before being published. Unfortunately, it seems

they are not. Nasar's book sounds interesting, but it has too many errors. This is of no help for those who want to prepare a subject by their own. I recommend not to buy this 1989 edition.

For the price it can't be beat. It covers the basics and gives a good intro in to 3 phase power systems (something they don't teach anymore to EE students at universitys). If you are looking for loads of examples and good reading you will not find it in this book. The solved examples are few, and the sample problems are not very practical.

I agree with everyone else who says that the number of errors in numerical calculations are unacceptable in this book. That is too bad, because if that problem was rectified this would be a great little overview of a topic not really taught to Electrical Engineering undergraduates anymore - power and power calculations. Most EE's that graduate today are more signal processing or computer engineers than pure electrical engineers, and being able to work with power if you stay on the technical end of things long enough is bound to come up. The math is really all over the map in this book - many calculations only require basic math, others involve calculus, still others involve iterative numerical methods. In fact, chapter eight is pretty much dedicated to the subject of numerical methods. The author at least hits the high points of all aspect of power systems. There is a great deal of material on transmission lines as well as the calculations involved when working with underground cables. One chapter is dedicated to fault calculations and discusses how the operation of a power system departs from normal after the occurrence of a fault. Chapter seven develops general solution methods that are amenable to the computer solution of power system network problems. Later in the outline, the author gets into subjects involving heavier power including a good introduction to three-phase power. A final and very short chapter discusses how to protect equipment against abnormal currents and voltages. The author does a good job of introducing the reader to all of the symbols that you are likely to see on a power system diagram, and their meanings. In spite of the errors in the numerical calculations, I'd still say it's a good buy for the price. You're not going to find a good book that even touches these subjects for under a hundred dollars. If the errors were cleaned up, this Schaum's outline would be an invaluable classic.

Ok for review of power systems, However many typo's or errors. If I was Mr Syed A. Nasar I would be embarrassed to have my name on this book. In the first chapter alone there are more than 10 errors. If anyone knows where to find the McGraw Hill errata page for this manual please post the URL, it will be a great service. If I find it I'll repost.

I got this as a quick reference. I don't think it's that good. It's not hideous, but it's not great. I can't comment on the accuracy of the problems as I haven't tried them since so many people complained about them. If I had it to do over again I would probably shop more for a reference like this.

Purchased this book to help me understand some concepts that the textbook didn't cover thoroughly enough. It helped me better understand the topics. I would definitely recommend this to anyone taking a power system or power generation course.

This is great for studying for the P.E. exam...I passed last October....excellent for the protective relaying and per unit one line questions that were on my exam...I nailed those problems..... This book is very easy to understand..A Must.

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