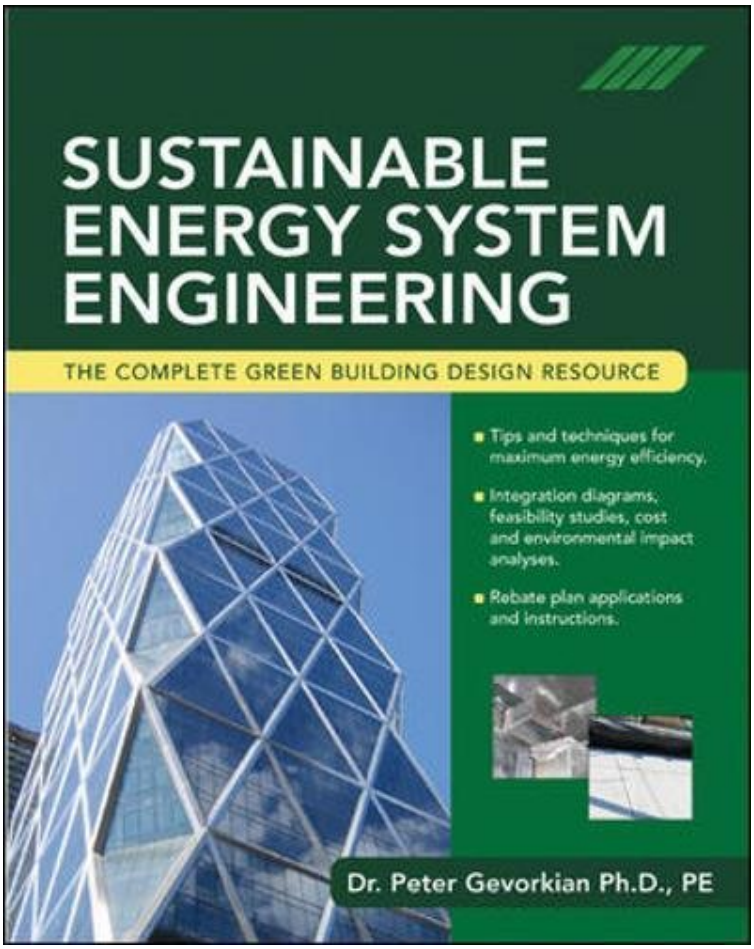
Sustainable Energy System Engineering: The Complete Green Building Design Resource

Peter Gevorkian
*audiobook | *ebooks | Download PDF | ePub | DOC*



#1152732 in Books Peter Gevorkian 2006-10-13Original language:EnglishPDF # 1 9.40 x 1.50 x 7.70l, 3.15 #File Name: 0071473599568 pagesSustainable Energy System Engineering The Complete Green Building Design Resource | File size: 22.Mb

Peter Gevorkian : Sustainable Energy System Engineering: The Complete Green Building Design Resource before purchasing it in order to gage whether or not it would be worth my time, and all praised Sustainable Energy System Engineering: The Complete Green Building Design Resource:

1 of 1 people found the following review helpful. Excellent Text on Solar EnergyBy Happy CDr. Gevorkian has done great work in writing on one of the most important technologies in the world today. The book is well organized, easy to read, and useful for those with engineering or non engineering backgrounds. I read it as a business student, with no engineering background, to increase my knowledge of renewable energy. I found even the technical sections relatively easy to understand. The book not only discusses solar technology, it also gives examples of solar applications, and lists leading solar companies. The end of the book gives a good overview of the other renewable technologies. This text is

highly recommended.0 of 0 people found the following review helpful. Four StarsBy David HowardVery informative0 of 0 people found the following review helpful. Four StarsBy Daniel Rodriguezdefinitely in better condition than what i thought it would be used

The only complete design resource for sustainable energy systems geared towards engineers This highly visual resource goes beyond theory and provides solid, hands-on mechanical and electrical engineering information on the design and installation of sustainable energy systems. You will find everything you need -- including real-world case studies -- to develop the most energy efficient systems possible for a wide variety of projects.

From the Back CoverCREATE MORE EFFICIENT ENERGY SYSTEMS FOR ANY BUILDING PROJECT Designed to help you create the most energy-efficient systems possible, this indispensable resource comes packed with real-world case studies and a wealth of informative illustrations. Offering nuts-and-bolts direction on a wide variety of project types - including residential, roof- and ground-mount systems, solar power farms, and large commercial solar power installations - Sustainable Energy Systems Engineering delivers the insight you need to produce wiring plans, calculations, and systems integration. Plus, it also features: Charts, tables, and diagrams that clearly illustrate each concept Coverage of NEC Section 690: the basis of all solar power systems design A useful selection of California Energy Commission rebate plan applications Systems component selection and integration Technical and financial feasibility studies Power demand and voltage drop calculations Short circuit analysis Service grid connectivity coordination And more! Best of all, Sustainable Energy Systems Engineering will help you dramatically minimize the time you spend at the drawing board during your next green building project. The result? A streamlined process that will yield reduced costs, greater results and a better environment for everyone.About the AuthorDr. Peter Gevorkian, PhD is President of Vector Delta Design Group, Inc., an electrical engineering and solar power design consulting organization, specializing in industrial, commercial and residential projects. In the past several years, the company extended its expertise in the filed of renewable energy sources such as solar power, fuel cells and micro-turbine cogeneration. Since 1971, Dr. Gevorkian has been an active member of the Canadian and California Board of Professional Engineers. He has taught computer science, automation control, and has authored several technical papers.