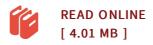


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## **Distributed Energy Systems**

By Shin'ya Obara

Nova Science Publishers Inc. Paperback. Book Condition: new. BRAND NEW, Distributed Energy Systems, Shin'ya Obara, From deregulation of energy business, and an environmental problem, the installation spread of the small-scale distribution power due to a fuel cell and a heat engine is expected. Under the objective function set up by the designer or the user, optimisation planning that controls small-scale distribution power is required. In dynamic operation planning of the energy plant, the analysis method using mixed integer linear programming is developed. For the compound energy systems of solar modules and fuel cell cogeneration, there have been no reports of the optimisation of operation planning. Therefore, there are no results showing the relationship between the objective function given to the combined system and operation planning. Such as a solar modules or wind power, green-energy equipment is accompanied by the fluctuation of an output in many cases. Almost all green energy equipment requires backup by commercial power, fuel cells, heat engines, etc.Operation planning of the system that utilises renewable energy differs by the objective function and power and heat load pattern. Thus, this book investigates the operation planning of the compound energy system composed of proton exchange membrane fuel cell cogeneration...



## Reviews

*This book may be really worth a read through, and far better than other. it was actually writtern extremely completely and valuable. I am just very easily will get a satisfaction of looking at a published ebook. -- Lillie Toy* 

It is easy in read through easier to fully grasp. it had been writtern very completely and useful. I am pleased to let you know that here is the greatest book we have read during my personal life and could be he very best book for possibly. -- Miss Marge Jerde