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Renewable Energy: Selected Issues Volume I and II

The purpose of this book is to provide an up-to-date reference, useful for researchers, technicians and engineers looking for the state-ofthe-art in the field of renewable energy. The book contains both theoretical and practical applications.

This book summarizes ten years of presented at the International Conference on Renewable Energy and Power Quality (ICREPQ) conferences from 2003 to 2012 dealing with renewable energies. These contributions have been selected by a team of voluntary reviewers, with two to four reviewers assigned to each paper. The contributors to this book span the globe, with about 200 authors from 20 different countries, some of whom are the leading authorities in their areas of expertise.

This book is intended primarily to meet the demands of professional engineers and researchers dealing with renewable energy exploitation, but it should also prove useful to postgraduate level students. It can be used as a reference book for engineers, physicists and mathematicians who are interested and involved in operation, project management, design, and analysis of renewable sources equipment. Each chapter contains references that allow the treated topic to be further deepened.

Contents: Data Management, Distributed Generation Issues, Fuel Cells and Electric Vehicles, Hybrid Systems, Microgrids, Solar Technologies, Power Electronics for Renewable Energies, Wind and Marine Power Generation.

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