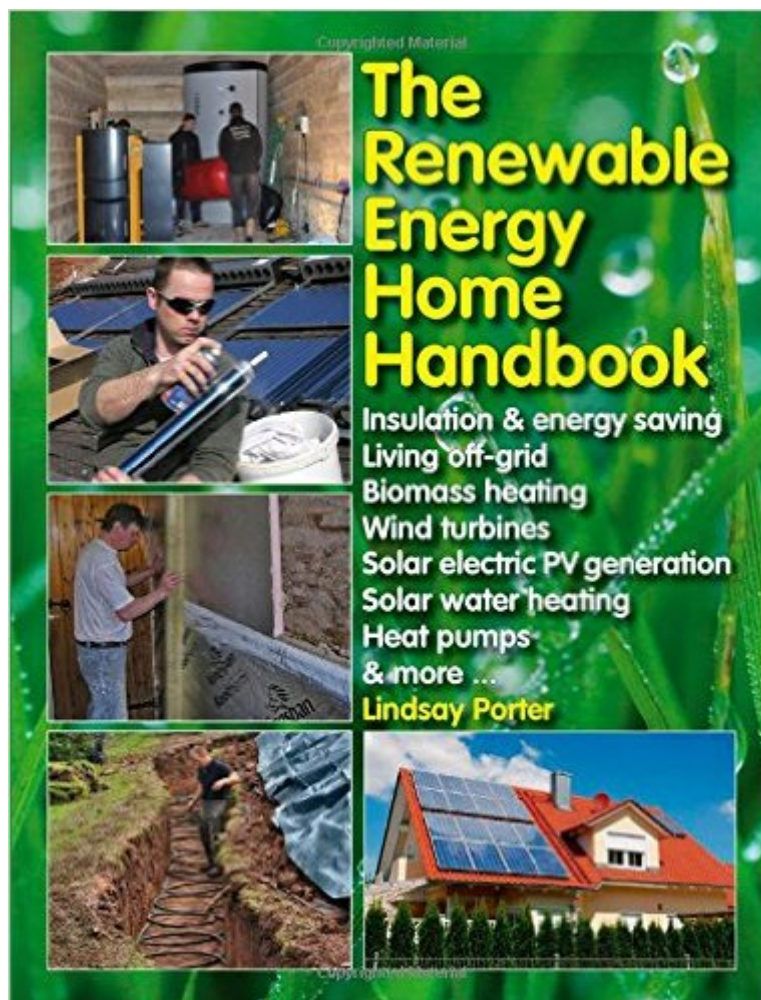


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# **The Renewable Energy Home Handbook: Insulation & Energy Saving, Living Off-grid, Bio-mass Heating, Wind Turbines, Solar Electric PV Generation, Solar Water Heating, Heat Pumps, & More**





## Synopsis

The Renewable Energy Home Handbook is biased towards the practical, and covers the installation of all leading types of alternative domestic energy sources - from ground- and air-source heat pumps, PV solar electricity generation and solar water heating, to bio-mass domestic heating systems and wind turbines. Discussing the pros and cons of each technology, it also provides you with a clear overview of what's genuinely required and the benefits to be gained from each system. The author, Lindsay Porter, is best known for his books on motor vehicle technology, making car mechanics and body repairs easy to understand and carry out. But alternative energy and conservation have long been a passion for him and his wife, Shan, so this manual is very much a labour of love. Here, Lindsay applies his commitment to making difficult subjects easy for everyone to understand to the money-saving - planet-saving - systems we can apply to our homes.

## Book Information

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## Customer Reviews

While titled a handbook, this book is really much more. It is a practical manual covering the most effective and available renewable energy applications for the home. The format follows the better 'how to' manuals and is profusely illustrated with clear photographs, diagrams and tables. A detailed background and introduction to renewables, and an energy saving, insulation and monitoring chapter set the scene for the ten sections describing the installation of the various renewable energy technologies. There's a lot of science in the book, and for those (like me) daunted by this, or the mysteries within renewable energy technologies, Lindsay Porter writes in an easy to understand style without over simplifying the theory and applications in each of the technologies explained. He

explains the environmental value of each type of renewable application, informed by an expressed strong personal commitment to good environmental practice. The content and excellent pictorial material obviously lends the book to school science class use. As the cover shows, the main home applications for renewable energy are explained, and each is illustrated with a step by step installation guide. Living in sunny Australia, I found the section on Solar PV Electricity Generation especially useful and informative. This is a generous book. Lindsay Porter acknowledges his sources, collaborators and contributors and he writes with obvious respect for his readers. This listed price make this book a bargain. Paul South Australia

Bought this as a gift for my father-in-law, and he LOVED it! If renewable energy/green living are your thing (they're definitely his), then I can imagine you will appreciate this book as much as he did.

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