

Renewable Power Information Guide

E-books

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Aerodynamics of wind turbines (Earthscan, 2008)
Alternative fuels - the future of hydrogen (Fairmont Press, 2008)
Biodiesel handbook (AOCS Press, 2005)
Biodiesel - a realistic fuel alternative for diesel engines (Springer, 2008)
Biomass assessment handbook - bioenergy for a sustainable environment (Earthscan, 2007)
Clean electricity from photovoltaics (World Scientific, 2001)
Elements of tidal-electric engineering (Wiley-IEEE Press, 2007)
Environmental impact of power generation (Royal Society of Chemistry, 1999)
Fuel cell systems explained, 2nd ed (Wiley, 2003)
Fuel cells engines and hydrogen (Wiley, 2006)
Handbook of photovoltaic science and engineering (Wiley, 2003)
Renewable bioenergy - technologies, risks, and rewards (Professional Engineering Publishing, 2003)
Solar energy engineering - processes and systems (Elsevier, 2009)
Sustainability and environmental impact of renewable energy sources (Royal Society of Chemistry, 2003)
Wave forces on offshore structures (Cambridge University Press, 2010)
Wind energy handbook (Wiley, 2001)
Wind turbines - fundamentals, technologies, applications, economics, 2nd ed (Springer, 2006)

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Solar cell technology and applications (Auerbach Publications, 2010)
Wind power integration: connection and system operational aspects (IET, 2007)

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Useful websites

Association of Electricity Producers	www.aepuk.com
Business Council for Sustainable Energy UK	www.bcse.org.uk
Centre for Alternative Technology	www.cat.org.uk
Centre for Sustainable Engineering	www.cseng.org.uk
Energy Institute	www.energyinst.org.uk
Energy Networks Association	www.energynetworks.org
Envirotech.org.uk	www.envirotech.org.uk
International Energy Agency	www.iea.org
Renewable Energy Association (REA)	www.r-e-a.net
The Renewable Energy Directory	www.renewable-energy-directory.co.uk
RenewableUK (Formally the British Wind Energy Association)	www.bwea.com
REUK Directory	www.reuk.co.uk/Directory/index.htm
The Source for Renewable Energy	energy.sourceguides.com/index.shtml
World Business Council for Sustainable Development	www.wbcsd.org

Useful books

Available to borrow by postal loan or in person - search the [IMechE library catalogue](#) to locate these titles or look for more.

- Antony F, Photovoltaics for professionals: Solar electric systems - marketing, design and installation (2007)
- Boxwell M, The solar electricity handbook 2009: a simple, practical guide to using electric solar panels and designing and installing photovoltaic solar Pv systems
- Boyle G, Renewable electricity and the grid (2009)
- Boyle G, Renewable energy, 3rd ed (2004)
- Bridgewater AV, Fast pyrolysis of biomass: a handbook, new ed (2008)
- Craddock, D Renewable energy made easy: free energy from solar, wind, hydropower, and alternative energy sources (2008)
- EWEA, Wind energy - the facts (2009)
- Hanjalic K, Sustainable energy technologies: options and prospects (2007)
- MacKay DJC, Sustainable energy: without the hot air (2008)
- Miller, FP, Vandome AF, McBrewster J, Biofuel: biomass, anaerobic digestion, vegetable oil used as fuel, biodiesel, biodiesel by region, methanol fuel, ethanol fuel, butanol fuel, ethanol fuel (2009)
- Musgrove PJ, Wind power (2010)
- Ochsner K, Geothermal heat pumps: a guide for planning and installing (2007)
- Parker D, Microgeneration: low energy strategies for larger buildings (2008)
- Spera D A, Wind turbine technology: fundamental concepts of wind turbine engineering 2nd (2009)
- Spiegel C, Designing and building fuel cells (2007)
- Stankovic S, Campbell N, Harries A, Urban wind energy (2009)
- Stiebler M, Wind energy systems for electric power generation (2008)
- Twidell J, Gaudiosi G, Offshore wind power (2009)

Recent IMechE renewable power conferences and seminars

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[Biofuels for future transport and mobility](#) 2007
[Carbon capture and storage, making it happen](#) 2009
[Energy from waste](#) 2008
[Engineering a successful biomass power plant: the problems and solutions](#) 2009
[Fluid machinery for wave and tidal energy](#) 2005
[Fuel cells - industrial applications and modelling](#) 2005
[Investing in alternative energy](#) 2009
[Novel propulsion systems for the 21st century](#) 2007
[Wind turbine condition monitoring](#) 2009

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Carbon capture journal	2 years
ENDS report	1 year
Energy world	2 years
Environmental engineering	1988-
Proceedings of the IMechE part A: journal of power and energy	1985-
Transactions of the ASME: journal of energy resources technology	1880-
Transactions of the ASME: journal of solar energy engineering	1880-