

resources

suppliers / installers

British Wind Energy Association

bwea.com, 0207 901 3001

Trade Association for companies involved with wind power; directory of wind power companies

Renewable Energy Association

r-e-a.net, 0207 925 3570

Representing renewable energy companies in the UK; go to members/directory to find lists of suppliers and installers of renewable energy technologies, including wind and solar

Renewable Energy Centre

therenewableenergycentre.co.uk, 01926 865835

Online listing of renewable energy suppliers and contractors

Ampair

ampair.com, 01344 303311, Berkshire

Manufacturers of micro wind turbines

Bright Green Energy

brightgreenenergy.co.uk, 0208 663 3273, Kent

Supply, design and install solar and wind power systems

Capture Energy

capture-energy.co.uk, 01209 716861, Cornwall

Renewable energy design and installations

Dulas

dulas.org.uk, 01654 705000, Powys

Wind and solar consultancy and installations

Eltime Controls

eltime.co.uk, 01621 859500, Essex
Measurement and protection equipment

Energy & Environment

energyenv.co.uk, 0161 881 1383, Manchester
Suppliers and project co-ordinators for wind and solar systems

Firefly Solar

fireflysolar.co.uk, 01273 617006, Brighton
Off-grid solar design and installation for events and vehicles

Freesource Energy

freesource.co.uk, 0800 619 1262, Wiltshire
Provider of wind and solar products and services

Future Energy

futureenergy.co.uk, 01789 451235, Warwickshire
Suppliers of wind and solar equipment

Gaia-Wind

gaia-wind.co.uk, 0845 871 4242, Glasgow
Suppliers of 11kW turbines

the Green Electrician

thegreenelectrician.co.uk, 0845 643 2528, Oxfordshire
Designers and installers of photovoltaic systems

Lake Renewable Energy

lake-renewable-energy.com, 0800 335 7338, Tyneside
Wind and solar products

Maplin Electronics

maplin.co.uk, 0844 557 6000
Electrical components online

Marlec

marlec.co.uk, 01536 201588, Northants
Manufacturers of small wind turbines

Navitron

navitron.org.uk, 01572 724390, Rutland
Wind turbine and pv suppliers

the Power Store

thepowerstore.co.uk, 0800 091 4148, Glasgow
Wind and solar gear, plus electrical components

Proven Energy

provenenergy.com, 01560 485570, Ayrshire
Supplier of small wind turbines

Segen

segn.co.uk, 0845 094 2445, Various locations
Wind and solar installations

Solar Century

solarcentury.co.uk, 020 7803 0100, London
UK's largest solar pv suppliers and installers

Universal Meter Services

universalmeterservices.co.uk, 01803 393474, Devon
Electric meter suppliers

Wind & Sun

windandsun.co.uk, 01568 760671, Herefordshire
Design, supply and installation of wind and solar systems

COURSES

Centre for Alternative Technology

cat.org.uk, 01654 705983, West Wales
Wind and solar courses, plus courses for installers

CREST

lboro.ac.uk/crest, 01509 635340, Loughborough
MSc in renewable energy, plus short courses

Green Dragon Energy

greendragonenergy.co.uk, +49(0)30 48624998, Germany / Wales
Renewable energy and pv courses in Wales and Europe

LILI

lowimpact.org, 01296 714184
Wind & solar electricity residential weekend courses with the author in
Buckinghamshire, and one-day solar pv courses in cities around the UK

Logic4training

logic4training.co.uk, 0845 845 7222, London
Solar installation courses for electricians

Solar Century

solarcentury.co.uk, 0207 803 0100, London
Solar installation courses for roofing contractors

books

Most of these books are available from LILI's online bookshop,
lowimpact.org/manuals.htm, but some were recommended by the
author and are now out of print, although you may be able to find them
second-hand.

Choosing Windpower

Hugh Piggott, CAT Publications, 2006
Little book from the DIY wind power guru

Wind Energy Basics: a guide to small and micro wind systems

Paul Gipe, Chelsea Green, 1999
Planning, purchasing, siting and installing a wind system

How to Build a Wind Turbine: the axial flux windmill plans

Hugh Piggott, published by Hugh, 2008
Detailed DIY plans

Small Wind Systems for Rural Energy Services

Smail Khennas, Simon Dunnett, Hugh Piggott, ITDG Publications, 2003
Written for developing countries, but applicable worldwide

Windpower Workshop

Hugh Piggott, CAT Publications, 2008
How to design and build your own wind turbine from scrap and recycled parts

the Wind Power Book

Jack Park, Prism Press, 1981

Windpower Principles: their application on the small scale

N G Calvert, Butterworth Heinemann, 1979

Small Scale Wind Power

Dermot McGuigan, Prism Press, 1978

Power with Nature: solar and wind energy de-mystified

Rex A Ewing, Pixyjack Press, 2003

Wind Power: renewable energy for home, farm and business

Paul Gipe, Chelsea Green, 2004
Big book with probably everything you could ever want to know about wind power

Wind Energy Handbook

Tony Burton, David Sharpe, Nick Jenkins & Ervin Bossanyi, John Wiley & Sons, 2001
Exhaustive, technical book for engineers

Practical Photovoltaics: electricity from solar cells

Richard J Komp, Aatec Publications, 2002
De-mystifies the technology; includes a guide on building your own solar modules

the Solar Electric House

Steven J Strong, Chelsea Green, 1993

From the history and economics of solar power to the nuts and bolts of systems and equipment

Solar House: a guide for the solar designer

Terry Galloway, Architectural Press, 2004

For architects designing a solar house; includes solar thermal

Do-it-yourself 12-volt Solar Power

Michel Daniek, Permanent Publications, 2007

Hands-on little book

Solar Power Your Home for Dummies

Rik DeGunther, Wiley Publishing, 2007

One of the range of 'dummies' books

From Space to Earth: the story of solar electricity

John Perlin, Harvard University Press, 2002

Tracks the history of the technology

Planning and Installing Photovoltaic Systems

the German Solar Energy Society, Earthscan, 2005

Guide for installers, architects and engineers

How to Live Off-grid: journeys outside the system

Nick Rosen, Bantam, 2008

Practical, freewheeling self-sufficiency

the Off-grid Energy Handbook

Alan Bridgewater, New Holland Publishers, 2008

Guide to going off-grid – wind and solar plus other technologies

Off the Grid: modern homes and alternative energy

Lori Ryker, Gibbs Smith, 2005

Off-grid with modern comforts

Independent Energy Guide

Kevin Jeffrey, Orwell Cove Press, 1995
Plan energy systems for your home, boat or vehicle

Homeowners' Guide to Renewable Energy

Daniel Chiras, New Society Publishers, 2006
Introduction for those wanting to move to renewables

Wind & Sun Design Catalogue

Wind & Sun Ltd, 2008
Catalogue of products, but with lots of useful information too

the 12-Volt Bible for Boats

Miner Brotherton, A & C Black, 2003
For anyone interested in setting up a 12-volt system, not just boat owners

Water and Wind Power

Martin Watts, Osprey Publishing, 2000
A history of wind and water power

Getting Started in Electronics

Forrest M Mims III, Radio Shack, 1983

Electrical Installation Work

Brian Scaddan, Newnes, 2002
Best electrics book we've found

Electricity

C W Wilman, Hodder, 1969

the Lead Storage Battery

H G Brown, Sherratt, 1959

Storage Batteries

G Smith, Pitman, 1971

grants and funding

Energy Saving Trust

energysavingtrust.org.uk/Generate-your-own-energy/Grants-offers, 0800 512012

Information on grants, and the different grants system in Scotland

Feed-in Tariffs Limited

fitariffs.co.uk

Lots of information on feed-in tariffs, that will replace ROCs in April 2010

Feed-in Tariffs

feed-in-tariff.org

More information on feed-in tariffs

Low-carbon Buildings Programme

lowcarbonbuildings.org.uk, 0800 915 0990

UK grants for renewable energy installations

Renewables Obligation

ofgem.gov.uk/Sustainability/Environment/RenewablObl/Pages/RenewablObl.aspx, 0207 901 7310 - all the information you need on renewables obligation certificates (ROCs)

planning permission

Energy Saving Trust

energysavingtrust.org.uk/Generate-your-own-energy/Getting-planning-permission, 0800 512012

Lots of information about planning permission for renewables, including permitted development

wind speeds & solar insolation

BWEA

bwea.com/noabl, 01654 705000, Powys

Wind speed database on the website of the British Wind Energy Association

LILI

Check our wind speed page for a link to government data. We'll try and keep it up to date, as they keep changing the names of departments.
lowimpact.org/wind_speeds.html

NASA

eosweb.larc.nasa.gov/sse, +1 757-864-8656, US
Wind speed and solar energy at any point on the globe

XCWeather

xcweather.co.uk
Current wind speed and temperatures around the UK

other useful information

Andy Reynolds

To discuss any issues raised in this book with the author, you can use the forum on LILI's website (under 'energy') lowimpact.org/forums

Centre for Sustainable Energy

cse.org.uk, 0117 934 1400, Bristol
Information, advice, lobbying

Danish Wind Industry Association

windpower.org/en/core.htm
Tons of information on wind energy

Ecolodge

ecolodge.me.uk, 01205 870062
Low-impact Holiday Lodge as mentioned in the text

EPIA

epia.org, +32 2 465 3884, Brussels
European Photovoltaic Industry Association

European Wind Energy Association

ewea.org, +32 2 546 1940, Brussels
Promoting the utilisation of wind power in Europe

Eurosolar

eurosolar.de, +49 (0) 228 362373, Bonn
European Association for Renewable Energy

European Wind Energy Association

ewea.org, +32 2 546 1940, Brussels
Promoting the utilisation of wind power in Europe

GotWind

gotwind.org, 0845 4638301, Shropshire
Resource for DIY small-scale wind generators

Home Power Magazine

homepower.com, +1 800-707-6585, US
Best practical renewable energy magazine in the world

LILI

Check our wind and solar topics pages for the latest courses, books, links, plus factsheets, forum, wind speeds and any other relevant information
lowimpact.org/topics_solar_electricity.htm and
lowimpact.org/topics_wind_generators.htm

Microgeneration Certification Scheme

microgenerationcertification.org, 0207 090 1082
Certification of microgeneration products and installers

National Energy Foundation

nef.org.uk, 01908 665555, Milton Keynes
Information and advice about renewable energy

Office of Public Sector Information

opsi.gov.uk/si/si2006/uksi_20061679_en.pdf, 0870 600 5522
Electricity meters regulations 2006

Ofgem

ofgem.gov.uk
Electricity meter accreditation list

OtherPower

otherpower.com, +1 970 484-7257, US

US site with info on 'homebrew' (their word) wind turbines and other renewable technologies

Pennsylvania State University

See LILI's links page for a link to their payback report showing that pv panels take around 5 years to generate the energy used to make them
lowimpact.org/linkssolarelectricity.htm

Scoraig Wind

scoraigwind.com, 07713 157600, Scottish Highlands

Hugh Piggott's website, with lots of DIY wind turbine info – including suppliers of interesting bits of kit, and a listing of websites with plans and information on DIY wind

SmartGauge

smartgauge.co.uk/batt_con.html

Lots of useful electrical information; this page is about connecting batteries to form a larger bank

Sustainable Development Commission

sd-commission.org.uk/publications/downloads/Wind_EnergyNovRev2005.pdf

Fantastic 174-page report about the development of onshore wind power in the UK

United Nations Environment Programme

unep.org/climatechange

Latest data on climate change

Wind with Miller

windpower.org/en/kids/index.htm

Online wind power resource for kids

Yes2Wind

yes2wind.com

site set up by Friends of the Earth, Greenpeace and WWF to provide info and resources for the public to support wind farm proposals