

GreenPower



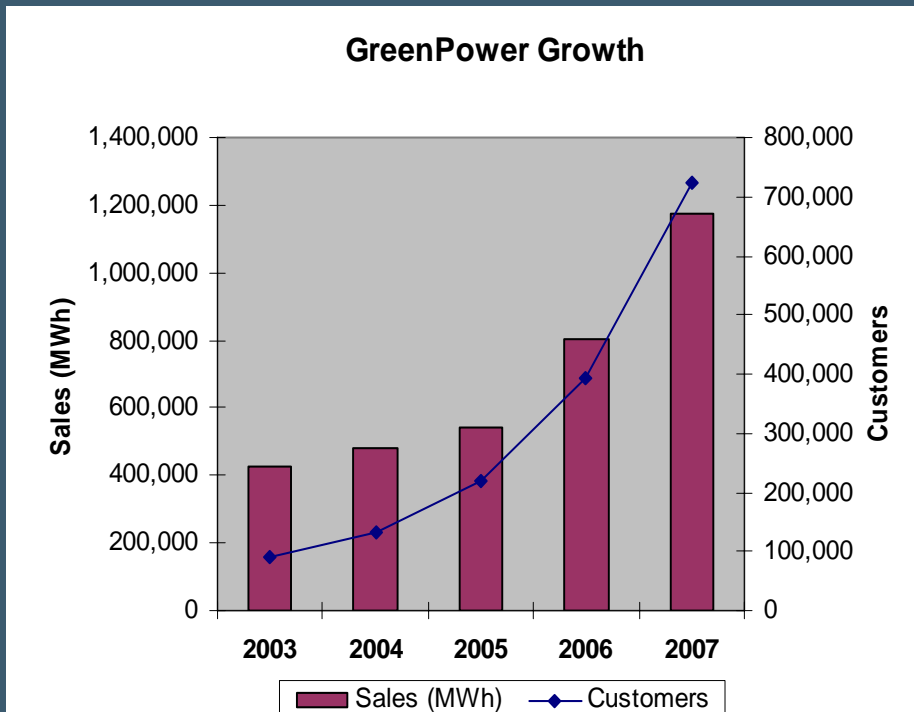
NSW Government
Department of Water & Energy



What is GreenPower?

- Accredited renewable energy
- Purchased from any retailer
- One easy way to cut your emissions
- Credible, trusted, transparent
- Delivering guaranteed environmental benefits

Growth so far



- 724,000 customers
- 6,000 new customers each week
- Commercial customers 56% of sales
- 4.7 million tonnes of greenhouse gas emissions saved
- Equivalent to one million cars off our roads for a year

How does GreenPower work?

- Established and managed by NSW Government
- National Steering Group
- Voluntary scheme
- Purchases and sales independently audited
- Additional to mandatory renewable energy targets
- Strict environmental standards
- Aims to reduce emissions from electricity and stimulate investment in the renewable energy sector

GreenPower's guarantee

- A cut in greenhouse gas emissions
- Reduced contribution to climate change
- Demand for greener energy
- Development of the renewable energy sector
- Peace of mind and transparency



Transparency in rules of accreditation

5.2.3 Approval Conditions

A generator is only eligible for GreenPower approval as long as it complies with the approval conditions defined in the approval letter, and the eligibility requirements for GreenPower Generators in this Accreditation Document (as modified over time).

5.2.4 Changes to the GreenPower Generator

The generator owner must notify the Program Manager in writing of any changes made, or any intention to make changes to the operation of the GreenPower Generator e.g. change in fuel source, upgrade in capacity. It is recommended that the proponents consult the Program Manager as early as possible to confirm acceptability of these changes under the Program (e.g. eligibility of fuel source), for an upgrade of the project's approval status.

5.2.5 Specific Exclusions and Inclusions

Generators must comply with specific eligibility criteria detailed below in Section 5.3 and Section 5.4.

5.3 Specific Exclusions

The following facilities/technologies are not acceptable for the purposes of the definition of a GreenPower Generator:

- 1) Utilisation of any materials (including wastes) derived from forests other than Sustainably harvested plantation forests. Plantation-derived wastes should not be sourced from plantations that clear, or have cleared after 1990, existing old growth or native forests.
- 2) Generators that involve the incineration of industrial, commercial or municipal solid wastes.
- 3) Hydro-electric projects, which require new dam construction that results in large-scale flooding of ecosystems.
- 4) Hydro-electric projects, which involve major diversion of rivers and do not adequately allow for environmental flows.

5.4 Specific Inclusions

The following fuels are acceptable Renewable Energy sources for the purposes of the definition of a GreenPower Generator:

- 1) Wood waste from dearing specified noxious weeds; sustainably managed plantations; Municipal Green Waste.
- 2) Industrial, commercial and municipal solid wastes (excluding incineration). Where a fossil fuel component is mixed in with the waste stream and cannot be reasonably removed from the fuel mix, the fossil fuel component will be netted out on a pro-rated basis (according to calorific value of fossil fuel component).

5.5 Review Process for Accreditation

5.5.1 Special Approvals

In situations where generators do not fully meet the above criteria or assessment considerations in Appendix A, but where the generator owner or GreenPower Provider believes there is significant merit in the operation of the project or the utilisation of the fuel, the Program Manager may consider granting a special approval for the generator (subject to NRGPSG endorsement). Consideration of approval will be subject to provision of project details, as well as evidence of relevant stakeholders consultation and acceptance of the project.

5.5.2 Changes to Accreditation Program

The Steering Group reserves the right to amend the operation and conditions of the National GreenPower Accreditation Program and this Accreditation Document. The Program Manager will notify the GreenPower Generator owner of any proposed amendments to the operation and conditions of the National GreenPower Accreditation Program and this Accreditation Document. Modifications will apply to all GreenPower Generators and GreenPower Products, where relevant. The GreenPower Generator owner will be given reasonable time to provide feedback in the review process prior to such amendments taking effect. Where such amendments require the GreenPower Generator owner to make alterations to the operation of the



Transparency in reporting

The screenshot shows the GreenPower Accredited Renewable Energy website. At the top, it says "GreenPower Accredited Renewable Energy" and "MARK THE SWITCH AND LET YOUR GREENPOWER MAKE THE DIFFERENCE". Below this is a navigation menu with categories like Home, About Us, Products, and News. A "QUICK LINKS" section includes links for "Buy GreenPower for your home", "Who is responsible for your electricity", and "GreenPower accredited products". The main content area features a "Quarterly reports" section with a list of reports from 2007, such as "Quarterly Report Q1 2007 (PDF 131 KB)" and "Quarterly Report Q4 2007 (PDF 131 KB)". There is also an "Annual audits" section listing reports from 2004 to 2006.

National GreenPower Accreditation Program Annual Audit
Audit Period 1 January 2006 to 31 December 2006
COMPLIANCE AUDIT

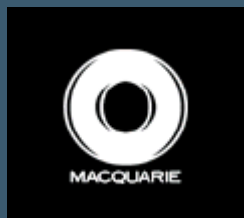
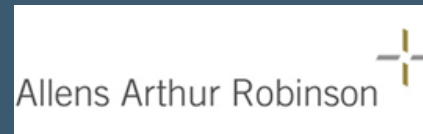
hydro solar wind

Prepared for
The National GreenPower Steering Group
October 2007

GreenPowered businesses



Lane Cove Tunnel Project



The GreenPower logo



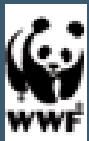
Benefits of GreenPower for commercial tenancies

- Direct emissions reductions
- A point of difference
- Marketing potential
- Fulfill environmental policy and objectives
- Improve building performance rating
- Increase employee morale
- Risk management for a low emissions future

What the critics say!



Awarded best initiative in Climate Category in 2006 Banksia Environmental Awards



“Only accredited GreenPower makes a difference”



“Switching to accredited GreenPower is the biggest single action you can take against climate change”



“Only buy accredited GreenPower products”

Do your research



GREEN ELECTRICITY WATCH 2007 FOR LARGE BUSINESSES

Which GreenPower products make the most difference?

Green Electricity Watch provides a ranking of GreenPower electricity products. Green Electricity Watch is a coalition of three leading Australian environment organisations: the Australian Conservation Foundation, Total Environment Centre, and WWF-Australia.

The importance of new, renewable energy to help reduce climate change

Australians are amongst the most greenhouse polluters per person in the industrialised world. This is largely due to our electricity consumption, which makes up 25% of Australia's greenhouse emissions.

Our electricity doesn't have to be like this. Australia is rich in clean renewable energy sources which could supply our power. Instead we get only 8% from renewable sources, and 92% per cent from polluting fossil fuels such as coal.

The Federal, NSW, and Victorian Governments have all introduced laws to increase the amount of electricity from renewable energy, but the targets are very low. We need to at least double the electricity from renewable energy by 2020 to help avoid dangerous climate change. Your choice to buy accredited GreenPower will help.

What is GreenPower?

GreenPower is government accredited renewable energy sourced from wind, water, waste and the sun. By choosing accredited GreenPower you are driving the creation of new renewable energy, over and above our generally small mandatory renewable energy targets and helping to reduce Australia's greenhouse emissions.

There are a lot of GreenPower products on offer. It is important that businesses can have confidence in their choice of GreenPower product, so that their customers can have confidence too. We have carried out an independent survey to help.

Only the accredited portion of GreenPower products make a difference

Many GreenPower products include only a small percentage of accredited GreenPower. Some of these are sold as '100% renewable', but it is only the accredited portion that makes a difference. Even if the remainder comes from renewable sources, it will be in the electricity system whether you buy it as part of a GreenPower product or not, and it may already be counted towards existing regulated targets. Your purchase of the non-accredited portion does not contribute to the growth of new, renewable energy or assist in reducing our current greenhouse emissions.

Offsets

Several retailers offer offset products to business customers and promote these as 'reducing electricity emissions bought'. These reduce emissions in a wider sector to compensate for electricity emissions. Using these products may raise questions about the validity of your company's claim to have reduced carbon emissions. We recommend that offsets were used for electricity, because you can buy emissions free electricity in the form of accredited GreenPower.

DO buy GreenPower with the highest number of stars, and as close to 100% as you can.

DON'T BUY offset products for electricity - you don't need to, as GreenPower is available.

DON'T BUY 'green' electricity products unless they contain accredited GreenPower.

DON'T take any notice of the 'renewable' part unless it's accredited GreenPower.





For information on the Government's GreenPower scheme call 1300 652 680 or visit www.greenpower.gov.au
For an easy guide to the full results of this survey visit www.greenelectricitywatch.org.au

GreenPower products for large businesses – how they score

**** Very good *** Good ** Fair * Poor

Ranking	Products for businesses using more than 180 MWh per year	Company	Minimum % GreenPower you can buy 1	States available
****	Greenchoice 20%	ActewAGL	20%	ACT, NSW
****	Greenchoice 100% WIND	ActewAGL	100%	ACT, NSW
****	Greenchoice 30%	ActewAGL	30%	ACT, NSW
****	TRUenergy Wind Power	TRUenergy	100%	ACT, NSW, SA, VIC
****	Preston Green	South Australia Electricity	100%	SA
****	Electrician Green	Victoria Electricity	100%	VIC
****	GreenPower 20%	ActewAGL	20%	ACT, NSW
****	Greenchoice 10%	ActewAGL	10%	ACT, NSW
****	NaturalPower 100%	Springs	100%	WA
****	Greenchoice 10	ActewAGL	10%	Northern
***	NaturalPower 75%	Springs	75%	WA
***	PowerEnergy 100	Energy Australia	no minimum	ACT, NSW, QLD
***	Climate Neutral - Emerald	Climate Friendly	no minimum	Northern
***	Climate Neutral - Green	Climate Friendly	no minimum	Northern
***	Climate Neutral - Economy	Climate Friendly	no minimum	Northern
***	TRUenergy Eco-Friendly	TRUenergy	20%	ACT, NSW, SA, VIC
***	Electric Hydro 100%	Pacific Hydro	0%	Northern
***	NaturalPower 50%	Springs	50%	WA
***	AA Climate Business	AA Climate	0%	Northern
***	Bonterra Green	Integral	no minimum	ACT, NSW, QLD, Tas, VIC
***	Greenwatch	Green Watch	no minimum	Northern
***	NaturalPower 25%	Springs	25%	WA
***	EcoGreen	South Australia Electricity	10%	SA
***	EcoGreen	Victoria Electricity	10%	VIC
***	AGL Green Energy	AGL Energy Ltd	no minimum	NSW, QLD, SA, VIC
***	Origin Green Power Solutions	Origin	no minimum	ACT, NSW, QLD, SA, Tas, VIC
***	AustraliaGreen	Aurora Energy	no minimum	ACT, NSW, QLD, SA, Tas, VIC
***	NaturalPower 10%	Springs	10%	WA
***	GreenEarth Wind offset	Origin	no minimum	Northern
***	overmyrent	Country Energy	3%	ACT, NSW, QLD, SA, VIC
***	Clear Energy	Edgex	1%	QLD

1) The GreenPower ratings do not signify a minimum percentage a business may purchase, but some products or companies do.
2) These companies only sell GreenPower and do not supply electricity to you directly.
3) This product is GreenPower equal to the electricity you use. The product scores the same as 44 was 100% although it has double the environmental benefit. This is because a 50% product gets the maximum score available for this survey product.

How accredited GreenPower products have been scored

This survey ranks GreenPower products. Those have been scored on their ability to reduce greenhouse emissions and support the growth in new renewable energy in Australia. Criteria also include the clarity and accuracy of information about GreenPower that the retailer provides. Retailers are given for including poolcodes. This means the number of stars does not simply correspond to the percentage of GreenPower.

GreenPower products have received a bonus if retailers set a minimum percentage, which increases as the products go towards 100% of electricity.

FOR THE FULL RESULTS OF THE SURVEY VISIT www.greenelectricitywatch.org.au

Green Electricity Watch commissions an independent consultant to survey GreenPower products. For information on relationships between energy businesses and the environment groups visit www.greenelectricitywatch.org.au/aboutus

For further information
www.greenpower.gov.au