



Origin Solar Queensland

Together we can make a difference™



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Origin Energy - Background



- Ranked in ASX top 50
- In excess of 140 years experience in energy and associated services
- 3,400 employees in Australia, New Zealand and the Pacific
- More than 3 million customers in Australia, New Zealand and the Pacific
- More than 105,000 shareholders
- Began as Boral - demerged to form Origin Energy in 2000
- Annual sales in excess of AUD\$6.5 billion

Origin Energy is a major Australasian integrated energy company involved in gas and oil exploration and production, energy retailing, power generation and utility network management.



Origin Energy - Committed To Sustainability



What we love today we want to love tomorrow

- Origin is Australia's No.1 Green Energy Provider
- We are currently the only retailer to offer green energy alternatives to all our gas and electricity customers
- We offer offset programs for travel emissions (and also offset our own travel emissions)
- Provide Energy Efficiency Calculator on our web site for customers to carry out self audits
- Sustainability Partners - eg. Origin Sunrise Cool the Globe Campaign, in conjunction with Channel 7
- We use recycled Australian paper products for all our paper stationary needs.



Your home entertainment is costing the earth!

Did you know that TVs, VCRs, DVDs and stereos can generate up to 150 kilograms of greenhouse gas per year in standby mode? Remember to turn them off at the unit or power point, rather than leaving them on standby and using the remote control. Being energy efficient can save money on your energy bills and reduce your impact on our environment.

For more handy tips and to learn how you can reduce your home's energy use even more, go online and complete your personal home energy audit.

Visit originenergy.com.au/efficiency

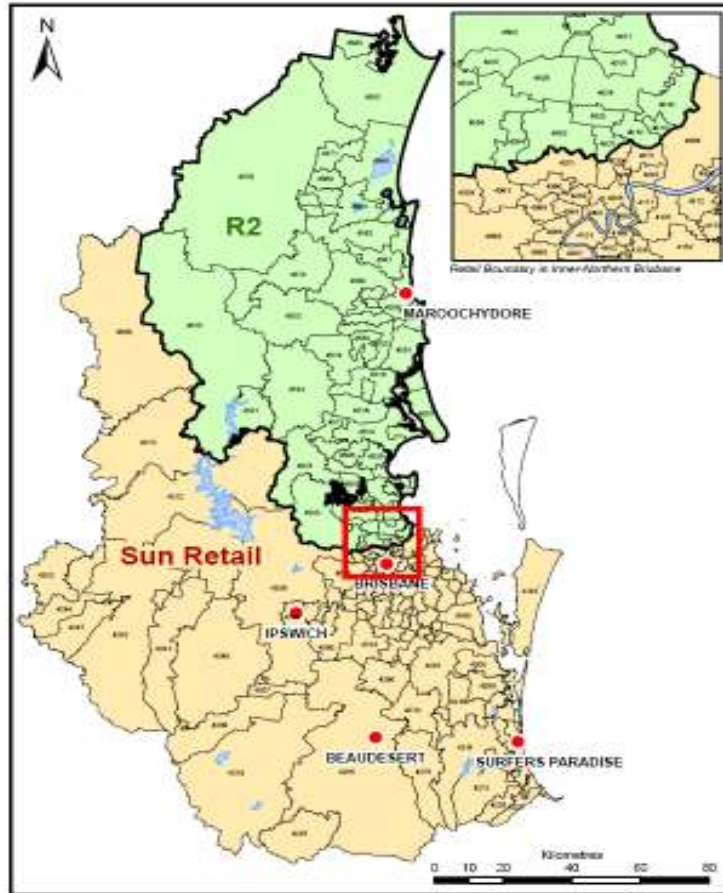
Committed To Sustainability

What we love today we want to love tomorrow



- Energy efficiency calculator, for tips on how to save energy and money visit www.originenergy.com.au/efficiency
- Offset your greenhouse gas emissions visit www.originenergy.com.au/carbon

Origin Purchase Sun Retail



- QLD Government split Energex Retail into 2 regions - Sun Retail (R1) & Power Direct (R2).
- Origin Energy Purchased Sun Retail from the QLD Government on 1st Feb 2007.
- Bills previously sent out by Sun Retail (Energex) now provided by Origin Energy.
- Purchase of Sun Retail provided opportunity to promote sustainable energy solutions to customers in SE QLD through “Outlook” bill insert.
- Origin Solar now promote both solar hot water and solar electricity (PV) to customers in SE QLD through the Outlook insert.
- Energex still own and maintain the network (poles, lines & meters).
- Origin provide billing and services to our customers.

Full Retail Contestability - What does it mean?



Enquiries:

13 24 63 - Electricity

13 24 62 - LP Gas

13 24 61 - Natural Gas

Or visit

www.originenergy.com.au

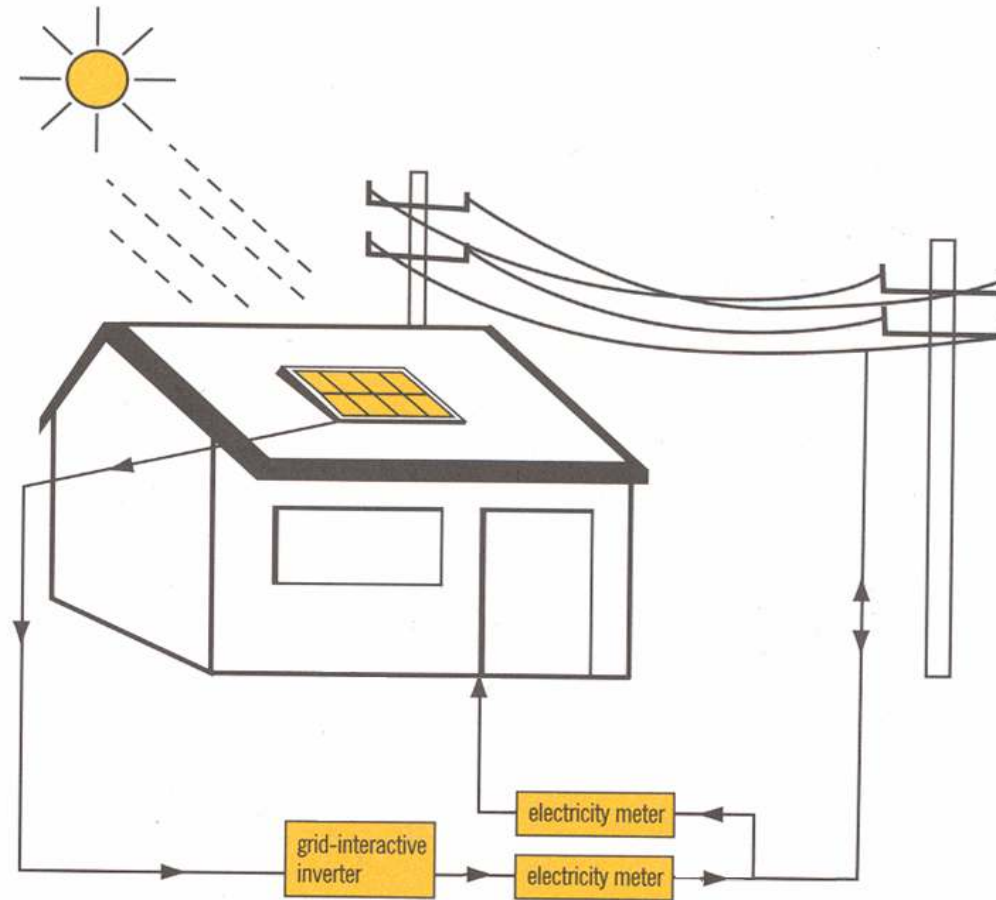
- Full retail contestability began in Queensland on the 1st July 2007
- Queenslanders now have the opportunity to choose their electricity & gas provider
- Origin Energy have no 'locked in' contracts
- Variable tariffs for standard electricity, off peak and farm time tariffs - view on line
- Offers and promotions available upon sign up and through our Outlook quarterly magazine

Grid Connect Solar



- The energy from the sun is captured through photovoltaic cells (solar panels) that are typically mounted on the north facing roof.
- The house remains connected to the main electricity grid that powers the area and continues to import power as normal.
- Any electricity that the system generates is fed directly back to the grid through a separate meter.
- The electricity bill is calculated as the difference between the amount of power imported from the grid and the electricity produced from the solar system.
- Only pay for the electricity used over and above what the solar system produces.
- By using solar energy you are reducing greenhouse gas emissions and your electricity bill.

Grid Connected Solar - How it works



Origin Solar - Capture the Power of the Sun



- Origin Solar Established in Vic & SA 2001, QLD in 2003
- Currently have solar staff in Vic, SA, NSW & QLD and offer solar installations nationally
- QLD Sales Manager: Karen Ryder
- QLD Sales Team: Raegan Jubb, Lance McMaster & Finn Permatasari
- Our Aim - To make solar accessible and easy!
- How:
- ✓ Fixed on line solar hot water quotes & on line sales (www.originenergy.com.au/gosolar)
- ✓ Provide easy to understand solar information packs (online www.originenergy.com.au/solar or call 132463)
- ✓ Provide fixed over the phone quotations - PV & SHW
- ✓ Offer a comprehensive range of system sizes
- ✓ We take care of the paperwork for you
- ✓ We accept the govt rebate as part payment (\$8000)
- ✓ Purchase REC's - discount off the cost of the system
- ✓ Offer Competitive buy back rates for solar power
- ✓ Access to approved AGO installers

Origin Solar - Capture the Power of the Sun

Origin Solar Systems



Our Grid Connected solar energy systems include:

- A site inspection if necessary
- A fixed price quotation that is firm for 30 days
- Solar Panels for your roof
- Inverter to connect DC to AC
- Full installation and system manual

We will:

- Arrange your rebate with the Australian Greenhouse Office
- Liaise with the network companies (paperwork & meter connections)
- Organise installation at a time that suits you, and
- Provide a comprehensive warranty on your solar system



Capturing The Power Of The Sun

- Unlike other energy retailers Origin have dedicated staff to assist with any enquiry regarding solar, from sales to general information & accounts enquiries
- Solar specific stationary - provide easy to read/understand quotations including component brochures for every quotation
- Since 2001 we have been fine tuning to ensure a confident, friendly, streamlined and competitive environment for both ourselves and our customers
- We provide competitive quotations and pride ourselves on the quality of all work, starting with the initial phone call to the completed installation and finally billing - our team is passionate about renewable energy
- Origin installs more grid connected solar systems in Australia than any other company, so you can be confident that we understand solar and that we will look after you.



Grid Connect Solar Electricity Price Guide

	System approx size watts	Approx solar generation (kWh)		Installed price range \$ (Inc. GST)	AGO PVRP rebate \$	Final installed price range \$ (Inc. GST)	Roof area m ²
		Daily	Yearly				
Origin 1000							
	1000	4-6	1450-2200	13,000-15,000	8,000	5,000-7,000	8-16
Origin 1500							
	1500	6-8	2200-2900	16,500-19,000	8,000	9,000-11,000	12-24
Origin 2000							
	2000	8-10	2900-3650	19,000-23,000	8,000	13,000-15,000	16-32
Origin 3000							
	3000	12-16	4300-5100	27,500-34,000	8,000	22,500-26,000	24-47
Origin 4000							
	4000	16-21	5800-6500	41,500-46,000	8,000	36,500-38,000	32-63
Origin 5000							
	5000	20-25	7300-8000	52,000-56,000	8,000	44,000-48,000	37-62

Prices may vary due to location, access to site, distance from CBD and roof type. Solar generation can vary depending on your location. Systems are designed to be installed on a north facing roof at a 20-30 degree pitch with no shading. Weather patterns may increase or decrease output. Please note that the AGO PVRP rebate is government funded and can be changed or withdrawn without notice. Other sizes available to order.

Prices effective 9 May 2007



Solar Hot Water



- We offer a range of split solar hot water systems:
 - Solarise your existing hot water system \$2395*
 - New electric boosted split solar hot water system \$2495**
 - Solarise your existing gas boosted hot water system \$2750*
 - New gas boosted split solar hot water system \$3850*
- We supply and install and make the process as simple as possible - online quotes and purchasing available
- We offer fixed price quotations
- Installations are available nationwide and are carried out by a network of experienced installers
- Soon we hope to offer our hot water customers an instalment plan for payment of their system
- Federal Government rebate available for customers replacing an existing electric hot water system - conditions apply** - see www.greenhouse.gov.au/rebates

*prices are net of all rebates & conditions apply



Rebates & Renewable Energy Certificates

Photovoltaic Rebate Program (PVRP)

- Federal Government rebate of \$8 p/watt capped at \$8000 is available for grid connect solar installations (www.greenhouse.gov.au/rebates)

Renewable Energy Certificates (REC's)

- grid connected solar system generate REC's
- they are an electronic form of currency
- Origin offer to purchase REC's generated & take this value off the cost of the system (www.orer.gov.au)



Solar Hot Water Rebate

- Federal Government announced a new \$1000 solar hot water rebate available from 17th July 2007 for replacement of electric storage hot water systems.

Conditions apply www.greenhouse.gov.au/solarhotwater

Outlook Insert



- Outlook offers Origin customers information on a range of products and services including energy efficiency and local events
- Outlook is sent out quarterly with each natural gas & electricity bill
- The focus of Outlook is to promote the “Green” message in a practical and informative way
- Special offers on both solar hot water and solar electricity will be featured in each edition of Outlook

Kids Education - Ollie Saves The Planet



Australia  International Home

Ollie Saves The Planet

Info News Ollie News

Ollie's friends Clubhouse CD-Rom Action-Town Projects Free Screen Saver Talk to us

CD Activities Ollie Rap Song Origin energy poster competition

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Back to the Future Mitre 10 Junior Landcare

- Activities
- Information screens
- Educators resources
- Understand different forms of energy
- Understand why we need to conserve energy
- Learn how to reduce energy use
- Competitions



Grid Connect Installation Photo's

Phillip Island Nature Park - Victoria



Monash Uni - Melbourne





Grid Connect Installation Photo's

Adelaide Museum



Parliament House - SA



Grid Connect Installation Photo's



Brisbane
Residential
Installations



References



- www.originenergy.com.au - Origin Energy website
- www.originenergy.com.au/solar - link to grid connect solar
- www.originenergy.com.au/gosolar - link to solar hot water
- www.originenergy.com.au/efficiency - link to energy efficiency site
- www.originenergy.com.au/carbon - link to carbon offset program
- www.orer.gov.au - Office of Renewable Energy (REC's)
- www.greenhouse.gov.au/rebates - PVRP
- www.greenhouse.gov.au/solarhotwater - solar hot water rebates
- www.energyinstitute.com.au - energy needs & appliance info
- 132463 - electricity enquiries
- 132462 - LP Gas enquiries
- 132461 Natural Gas enquiries