

# National GreenPower Accreditation Program Status Report

Quarter 3: 1 July to 30 September 2009



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National GreenPower Accreditation Program Status Report Quarter 3: 1 July – 30 September 2009

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We would like to thank the National GreenPower Steering Group (NGPSG) for their ongoing support of the GreenPower Program.

The NGPSG is made up of representatives from the NSW, VIC, SA, QLD and ACT governments.

The Commonwealth, TAS and NT are observer members of the NGPSG.

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# National GreenPower Accreditation Program Status Report

Quarter 3 – 1 July to 30 September, 2009

This quarterly report forms part of an ongoing commitment to provide stakeholders with information on GreenPower products. The first section of this report provides general information on the National GreenPower Accreditation Program. This is followed by an overview of each GreenPower provider with information on sales, purchases and customer numbers.

The 2009 settlement period is from 1 January, 2009 to 31 December, 2009.

The dates of the quarters are as follows:

- Quarter 1: 1 January to 31 March, 2009
- Quarter 2: 1 April to , 2009
- Quarter 3: 1 July to 30 September, 2009
- Quarter 4: 1 October to 31 December, 2009

This report, as well as additional information about GreenPower, is available on the GreenPower website:

www.greenpower.gov.au

### **Executive summary**

### Quarter in review: 1 July - 30 September 2009

GreenPower products totalled 40 for the quarter, offered by 29 GreenPower providers. Availability and characteristics of products, sales and total customers are described in this report. The figures contained in this report are preliminary and may be subject to revision in subsequent quarterly reports.

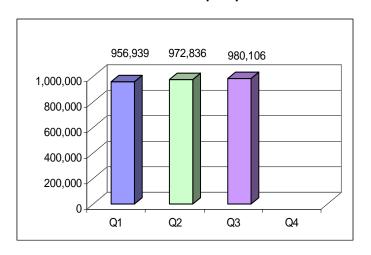
A summary of key data, collated from retailers across the GreenPower market is provided below.

### **Quarterly status of National GreenPower Accreditation Program**

	NSW	VIC	QLD	SA	WA	ACT	TAS	NT	Total
Residential Customers	246,365	338,895	249,965	88,741	5,310	14,919	47	2	944,244
Commercial Customers	5,909	14,398	8,535	5,480	1,332	199	6	3	35,862
Total Green Power Customers	252,274	353,293	258,500	94,221	6,642	15,118	53	5	980,106
Net Change in Green Power Customers	7,019	-8,906	8,310	1,460	-1,645	1,014	13	5	7,270
Green Power Sales to Residential Customers (MWh)	76,919	96,611	96,726	25,440	6,128	8,088	32	0	309,943
Green Power Sales to Commercial Customers (MWh)	73,587	70,622	40,279	43,768	11,532	23,788	101	8	263,684
Total Green Power Sales (MWh)	150,506	167,233	137,004	69,208	17,659	31,876	133	8	573,628

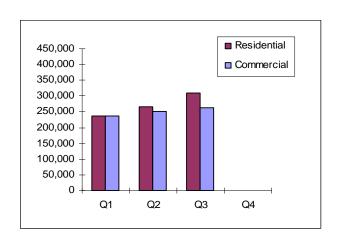
#### **GreenPower customers**

### Total GreenPower customers per quarter



#### **GreenPower sales**

### Commercial and residential GreenPower sales [MWh]



### About the National GreenPower Accreditation Program

To support the growth of the renewable energy industry in Australia the NSW Government developed the GreenPower Accreditation Program in April 1997. The purpose of the program is to promote the installation of new GreenPower electricity generators by increasing consumer demand and confidence in accredited GreenPower products.

Due to its success, the program was expanded nationally through joint collaboration by participating government agencies in New South Wales (NSW), Victoria (VIC), Queensland (QLD), South Australia (SA), Australian Capital Territory (ACT), Tasmania (TAS) and Western Australia (WA) and renamed the 'National GreenPower Accreditation Program'. In May 2000, the National GreenPower Steering Group was officially established. Industry & Investment NSW is currently appointed as the GreenPower Program Manager.

The term 'GreenPower product' refers only to the GreenPower accredited portion of any product offered by a GreenPower provider. Most energy providers throughout Australia offer at least one accredited GreenPower product. In the contestable (deregulated) markets of NSW, VIC, SA, the ACT, QLD and TAS, all residential and commercial customers can choose to buy a GreenPower product offered by any provider licensed in that State or Territory, Larger customers in WA can also choose GreenPower from licensed providers outside their franchise area.

GreenPower products are also offered by some companies that are not licensed energy providers. In these cases, the GreenPower provider offers an accredited GreenPower product separate to a customer's electricity supply.

The three main types of GreenPower products offered are:

- 1. consumption based products whereby customers nominate the level of GreenPower purchased according to a nominated percentage of their total electricity consumption.
- 2. 'block' based products whereby residential customers purchase a kWh 'block' of GreenPower that is based on the average household electricity consumption and is not directly linked to an individual customer's consumption.
- purchase of GreenPower to match consumption provided by another provider. This is available nationally using web interfaces and direct sales to customers. While customers continue to purchase electricity from their standard electricity supplier, the GreenPower provider will purchase and surrender the equivalent number of GreenPower Rights and Renewable Energy Certificates (RECs) from eligible generation sources to meet the customer's elected electricity consumption.

Blended GreenPower products apply when a customer purchases a level of GreenPower equivalent to less than 100 per cent of their electricity consumption. The 'backfill' or non-accredited portion of blended products is not reported on and can therefore be sourced from any type of electricity generation. The GreenPower accredited portion of a blended product must be equivalent to at least 10 per cent of a residential customer's total electricity consumption.

### **Rules of the Program**

The National GreenPower Accreditation Program sets stringent rules for all GreenPower providers offering an accredited GreenPower product. A key requirement is for GreenPower providers to source all generation included in a GreenPower product from GreenPower approved sources.

Further information on the rules of the program is available in the *National GreenPower Accreditation Program Rules*, available on the website at www.greenpower.gov.au.

To ensure that GreenPower sales are additional to legislated renewable energy purchases through the Mandatory Renewable Energy Target (MRET), providers are required to transfer and surrender eligible RECs for each MWh of GreenPower generation sold as part of a GreenPower product within a settlement period.

### **GreenPower generators**

Under the National GreenPower Accreditation Program, a GreenPower approved generator is defined as an electricity generator, or increase in generator capacity, which was commissioned or first sold energy (whichever is earlier) after January 1, 1997, and that has been accredited under the National GreenPower Accreditation Program. A description of the major generator types is provided in Appendix A.

There are currently 202 GreenPower approved generators in Australia which have been commissioned or first sold energy since 1 January 1997. For an interactive map of GreenPower approved generators, please visit the GreenPower website at <a href="https://www.greenpower.gov.au">www.greenpower.gov.au</a>

### GreenPower generators accredited this quarter

The table below details the GreenPower generators approved in the quarter ending 30 September 2009.

Generator	Generation type	Commissioning date	Location
Hallet 2 Wind Farm	Wind	April 2009	Mt. Bryan, SA
Waubra Wind Farm	Wind	March 2009	Waubra, VIC
Pioneer Sugar Mill	Bioenergy co-gen	September 2005	Brandon, QLD
Macarthur Resource Recovery Park	Bioenergy co-gen	March 2009	Camden, NSW

### **GreenPower products**

GreenPower products are available to electricity consumers in the commercial and residential markets. In some cases, different products are available to each market sector. The following table details the States and Territories in which GreenPower products were offered during the quarter by electricity retailers.

### **GreenPower products offered this quarter**

Retailer	Products				States	offered			
Retailer	Fiducts	NSW	VIC	QLD	SA	WA	ACT	TAS	NT
ActewAGL	GreenChoice	R/C	R/C	R/C	R/C	R/C	R/C	R/C	
	Cleangreen			R/C					
AGL	Green Energy		R/C	С	R/C		С		
AGL	Green Living	R	R		R				
	Green Spirit	R	R		R				
Alinta	Alinta GreenPower					С			
ARK Climate	ARK Climate	R/C	R/C	R/C	R/C	R/C	R/C	R/C	
Aurora Energy	AuroraGreen	С	С	С	С		С	R/C	
Australian Power & Gas	Greentricity	R	R	R					
Carbon Planet	Carbon Planet GreenPower	С	С	С	С	С	С	С	С
Click Energy	ClickNatural		R						
Climate Friendly	Climate Neutral	R/C	R/C	R/C	R/C	R/C	R/C	R/C	R/C
Country Energy	Countrygreen	R/C	R/C	R/C	R/C		R/C		
COZero	GreenPower	С	С	С	С	С	С	С	С
Ecofund Queensland	Resource			С					
EnergyAustralia	PureEnergy	R/C	R/C	R/C			R/C		
Energy Pacific	Pacific Hydro	С	С	С	С	С	С	С	
Ergon Energy Queensland	Clean Energy			R/C					
Horizon Power	Green Select					R/C			
	Business Green	С	С	С			С		
Integral Energy	Hampton Park Wind (not offered to new customers)	R							
	INgreen / Wyuna Water	R/C		R/C					
Jackgreen	Jackgreen Power	R/C	R/C	R/C	R/C		R/C		
Momentum Energy	Momentum Energy Green		R/C		R/C				
Neighbourhood Energy	Greenlight		R						
	Earth's choice	С	R/C	R/C					
	EcoPower (not currently offered to new customers)		R/C						
Origin Energy	EcoSaver (not currently offered to new customers)		R						
	GreenEarth	R/C	R/C	R/C	R/C	R/C	R/C	R/C	R/C
Powerdirect	GreenPower	R/C	R/C		R				
Queensland Electricity	GreenEnergy			R/C					
	GreenPower 100%	R/C	R/C				R/C		
Red Energy	GreenPower 10%	С	С				С		
	Greendeal & Very Greendeal		R		R				
Simply Energy	Green@work		С		С				
South Australia Electricity	GreenEnergy				R/C				
<u> </u>	EasyGreen				-	R			
Synergy	NaturalPower					R/C			
TRUenergy	TRUenergy Green	R/C	R/C	R/C	R/C		R/C		
Victoria Electricity	Victoria Electricity Green Energy		R/C						

R/C = Available to residential and commercial customers. R = Available to residential customers only. C = Available to commercial customers only.

### **ActewAGL**



Product options	R/C	Product details	Consumption / block based	Availability
GreenChoice 5	R	28% accredited	Block of 5 kWh/day	Australia wide
GreenChoice 10	R	56% accredited	Block of 10 kWh/day	Australia wide
GreenChoice 15	R	85% accredited	Block of 15 kWh/day	Australia wide
GreenChoice 20	R	113% accredited	Block of 20 kWh/day	Australia wide
GreenChoice 10 Business	С	Sold in blocks	Blocks of 10 kWh	Australia wide
GreenChoice 10%	R&C	10% accredited	Consumption	ACT & Capital region
GreenChoice 25%	R&C	25% accredited	Consumption	ACT & Capital region
GreenChoice 50%	R&C	50% accredited	Consumption	ACT & Capital region
GreenChoice 100%	R&C	100% accredited	Consumption	ACT & Capital region
GreenChoice 200%	R&C	200% accredited	Consumption	ACT & Capital region
GreenChoice Event	С	100% event plan	Consumption	ACT & Capital region

<sup>\*</sup>R - Residential, C - Commercial

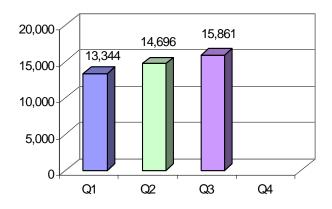
Contact ActewAGL: On 13 14 93 or visit www.actewagl.com.au/greenchoice

### Quarter in review - Previous quarter's figures adjusted from information supplied by provider

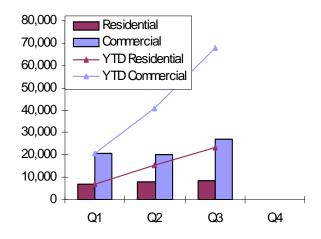
	Residential	Commercial	Total
GreenPower customer numbers	15,665	196	15,861
GreenPower sales MWh	8,225	27,093	35,318

#### **GreenPower customers**

### Total GreenPower customers per quarter



### **GreenPower sales**



### **AGL**



Product options	R/C	Product details	Consumption / block based	Availability
Green Spirit	R	10% accredited	Consumption	NSW, SA, VIC
Green Living	R	20% accredited	Consumption	NSW, SA, VIC
Green Energy	R	100% accredited	Consumption	NSW, SA, VIC
Green Energy Business	С	Customer chooses 1-100%	Consumption	NSW, SA, VIC, QLD & ACT
Cleangreen	R	20% accredited	Block of 330 kWh/quarter	QLD
Cleangreen	С	2.5-100% accredited	Consumption	QLD

<sup>\*</sup>R - Residential, C - Commercial

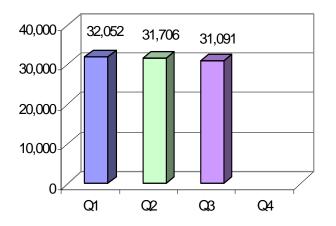
Contact AGL: On 1300 556 245 or visit: www.agl.com.au

### Quarter in review - Previous quarter's figures adjusted from information supplied by provider

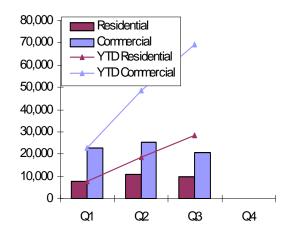
	Residential	Commercial	Total
GreenPower customer numbers	30,181	910	31,091
GreenPower sales MWh	9,914	20,769	30,683

### **GreenPower customers**

#### Total GreenPower customers per quarter



### **GreenPower sales**



### **Alinta**



Product options	R/C	Product details	Consumption / block based	Availability
GreenPower EcoPlus	С	Customer chooses per cent — offered to business customers with annual electricity consumption of more than 50,000 kWh	Consumption	WA

<sup>\*</sup>R - Residential, C - Commercial

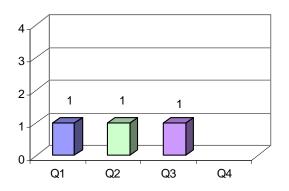
Contact Alinta: On (08) 6213 7247 or visit: www.alintacustomer.com.au

### **Quarter in review**

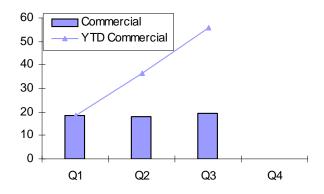
	Residential	Commercial	Total
GreenPower customer numbers	N/A	1	1
GreenPower sales MWh	N/A	19	19

### **GreenPower customers**

#### Total GreenPower customers per quarter



### **GreenPower sales**



### **ARK Climate**



Product options	R/C	Product details	Consumption / block based	Availability
ARK Climate	R&C	Offered to customers via a web interface	Block (minimum 647 KWh/ year residential)	Australia wide

<sup>\*</sup>R - Residential, C - Commercial

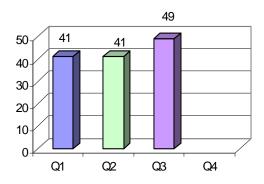
Contact ARK Climate: On (03) 9682 4200 or visit: www.co2ex.com.au/

### Quarter in review

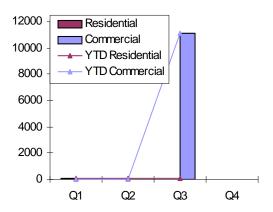
	Residential	Commercial	Total
GreenPower customer numbers	16	33	49
GreenPower sales MWh	40	11,126	11,166

### **GreenPower customers**

### Total GreenPower customers per quarter



### **GreenPower sales**



### **Aurora Energy**



Product options	R/C	Product details	Consumption / block based	Availability
AuroraGreen	С	Customer chooses GreenPower contribution 1-100%	Consumption	NSW, ACT, QLD, VIC, SA & TAS
AuroraGreen	R	Customer chooses 10-100%	Consumption	TAS

<sup>\*</sup>R - Residential, C - Commercial

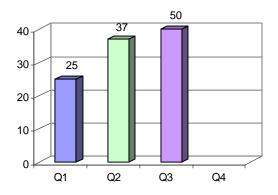
Contact Aurora Energy: On 1300 132 007 or visit: www.aurora.com.au

### **Quarter in review**

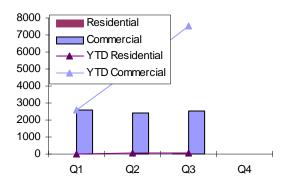
	Residential	Commercial	Total
GreenPower customer numbers	43	7	50
GreenPower sales MWh	31	2,517	2,548

### **GreenPower customers**

### Total GreenPower customers per quarter



### **GreenPower sales**



### **Australian Power & Gas**



Product options	R/C	Product details	Consumption / block based	Availability
Greentricity 10	R	10% accredited	Consumption	NSW, VIC, QLD
Greentricity 50	R	50% accredited	Consumption	NSW, VIC, QLD
Greentricity 100	R	100% accredited	Consumption	NSW, VIC, QLD

<sup>\*</sup>R - Residential, C - Commercial

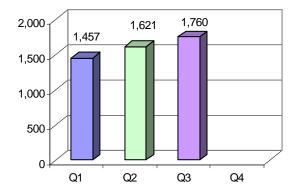
Contact Australian Power and Gas: On 13 32 98 or visit: www.australianpowerandgas.com.au

### Quarter in review

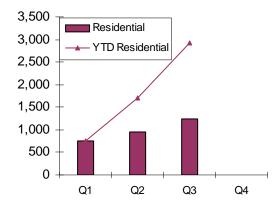
	Residential	Commercial	Total
GreenPower customer numbers	1,760	N/A	1,760
GreenPower sales MWh	1,232	N/A	1,232

### **GreenPower customers**

### Total GreenPower customers per quarter



### **GreenPower sales**



### **Carbon Planet**



Product options	R/C	Product details	Consumption / block based	Availability
CarbonPlanet - GreenPower	С	25%, 50% &100% GreenPower	Consumption	Australia wide

<sup>\*</sup>R - Residential, C - Commercial

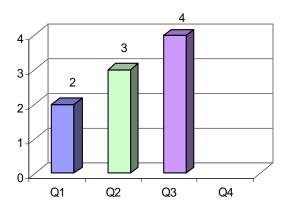
Contact CarbonPlanet: On 02 9249 5900 or visit: www.carbonplanet.com/GreenPower

### Quarter in review- Previous quarter's figures adjusted from information supplied by provider

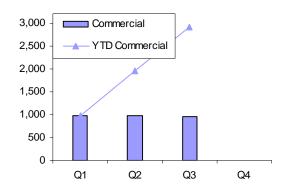
	Residential	Commercial	Total
GreenPower customer numbers	N/A	4	4
GreenPower sales MWh	N/A	964	964

### **GreenPower customers**

#### Total GreenPower customers per quarter



#### **GreenPower sales**



### **Click Energy**



Product options	R/C	Product details	Consumption / block based	Availability
ClickNatural	R	25% accredited	Consumption	VIC

<sup>\*</sup>R - Residential, C - Commercial

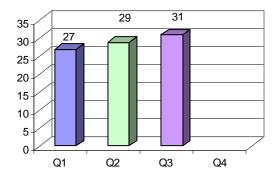
Contact Click Energy: On 1800 775 929 or visit: www.clickenergy.com.au

### Quarter in review

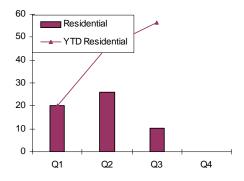
	Residential	Commercial	Total
GreenPower customer numbers	31	NA	31
GreenPower sales MWh	10	NA	10

#### **GreenPower customers**

#### Total GreenPower customers per quarter



### **GreenPower sales**



### **Climate Friendly**



Product options	R/C	Product details	Consumption / block based	Availability
Climate Neutral – Economy	R&C	10% accredited	Block of 647 kWh/yr	Australia wide
Climate Neutral – Green	R&C	25% accredited	Block of 1,618.75 kWh/yr	Australia wide
Climate Neutral – Emerald	R&C	100% accredited	Block of 6,470 kWh/yr	Australia wide

<sup>\*</sup>R - Residential, C - Commercial

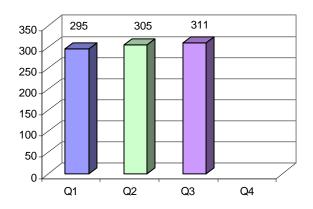
Contact Climate Friendly: On (02) 9356 3600, sales@climatefriendly.com or visit www.climatefriendly.com

### Quarter in review

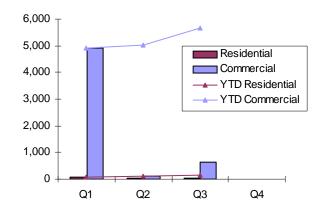
	Residential	Commercial	Total
GreenPower customer numbers	210	101	311
GreenPower sales MWh	32	634	666

### **GreenPower customer**

### Total GreenPower customers per quarter



### **GreenPower sales**



### **Country Energy**

### countryenergy

Product options	R/C	Product details	Consumption / block based	Availability
everydayGREEN	R	10% accredited	Block of 647 kWh/yr	NSW, ACT, VIC, QLD, SA
liteGREEN	R	20% accredited	Block of 1,294 kWh/yr	NSW, ACT, VIC, QLD, SA
livingGREEN	R	50% accredited	Block of 3,235 kWh/yr	NSW, ACT, VIC, QLD, SA
foreverGREEN	R	100% accredited	Block of 6,470 kWh/yr	NSW, ACT, VIC, QLD, SA
businessGREEN	С	10% accredited	Consumption	NSW, ACT, VIC, QLD, SA
businessCHOICE	С	20% accredited	Consumption	NSW, ACT, VIC, QLD, SA
businessPLUS	С	50% accredited	Consumption	NSW, ACT, VIC, QLD, SA
businessADVANTAGE	С	100% accredited	Consumption	NSW, ACT, VIC, QLD, SA
countrygreen Business	С	Customer chooses contribution 2.5-100%	Consumption	NSW, ACT, VIC, QLD, SA

 $<sup>{}^{*}</sup>R$  - Residential, C - Commercial

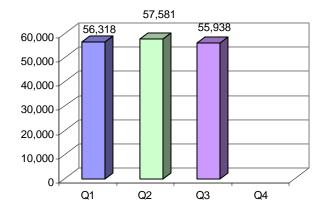
Contact Country Energy: On 13 23 56, or visit www.countryenergy.com.au

### Quarter in review

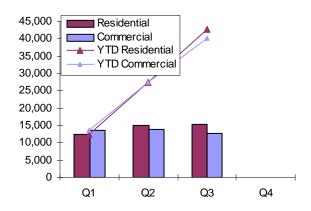
	Residential	Commercial	Total
GreenPower customer numbers	53,719	2,219	55,938
GreenPower sales MWh	15,193	12,698	27,891

### **GreenPower customers**

### Total GreenPower customers per quarter



### **GreenPower sales**



### **COZero**



Product options	R/C	Product details	Consumption / block based	Availability
GreenPower	С	Offered to customers via a web interface	Block	Australia wide

<sup>\*</sup>R - Residential, C - Commercial

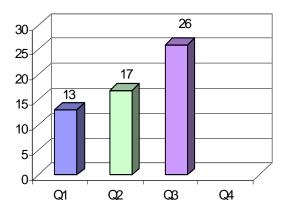
Contact COZero: On 1300 BE NEUTRAL or visit: www.cozero.net

### Quarter in review

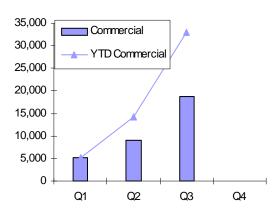
	Residential	Commercial	Total
GreenPower customer numbers	NA	26	26
GreenPower sales MWh	NA	18,749	18,749

### **GreenPower customers**

### Total GreenPower customers per quarter



### **GreenPower Sales**



### **Ecofund Queensland**

Product options	R/C	Product details	Consumption / block based	Availability
Resource	С	Government Contracts	Block	Queensland

<sup>\*</sup>R - Residential, C - Commercial

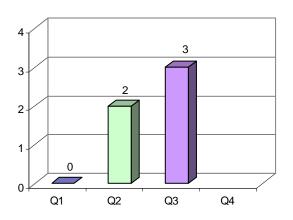
Contact Ecofund: On 07 3017 6460 or visit: www.ecofund.net.au

### Quarter in review

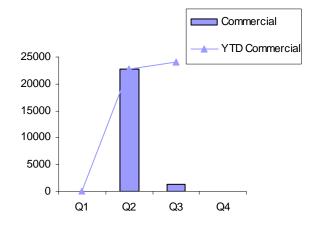
	Residential	Commercial	Total
GreenPower customer numbers	NA	3	3
GreenPower sales MWh	NA	1,370	1,370

### **GreenPower customers**

### Total GreenPower customers per quarter



### **GreenPower sales**



### **EnergyAustralia**



Product options	R/C	Product details	Consumption / block based	Availability
PureEnergy 10	R&C	10% accredited (customers usage <15 MWh/annum)	Block	NSW, QLD & ACT
PureEnergy 25	R	25% accredited	Block	VIC
PureEnergy 50	R&C	50% accredited (customers usage <160 MWh/annum)	Consumption	VIC
PureEnergy 100	R&C	100% accredited (customers usage <160 MWh/annum)	Consumption	VIC, EA network area
PureEnergy Premium	R&C	100% accredited	Block	NSW, QLD & ACT
PureEnergy Business	С	Customer (usage >160 MWh/annum) chooses contribution 1-100%	Consumption	NSW, QLD & ACT

<sup>\*</sup>R - Residential, C - Commercial

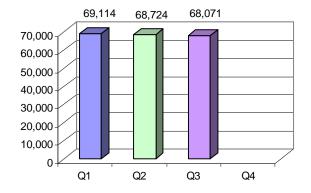
Contact EnergyAustralia: On 13 15 35, or visit www.energy.com.au

### Quarter in review

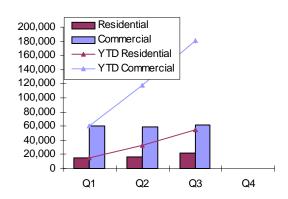
	Residential	Commercial	Total
GreenPower customer numbers	64,795	3,276	68,071
GreenPower sales MWh	22,510	62,164	84,674

#### **GreenPower customers**

#### Total GreenPower customers per quarter



### **GreenPower sales**



### **Energy Pacific**



Product options	R/C	Product details	Consumption / block based	Availability
Pacific Hydro	С	100% accredited	Block	All

<sup>\*</sup>R - Residential, C - Commercial

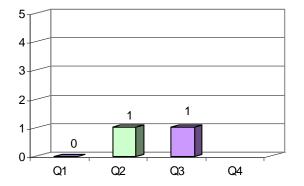
Contact Energy Pacific: On (03) 8621 6000, or visit www.pacifichydro.com.au

### Quarter in review — Previous quarter's figures adjusted from information supplied by provider

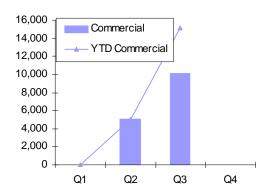
	Residential	Commercial	Total
GreenPower customer numbers	N/A	1	1
GreenPower sales MWh	N/A	10,100	10,100

### **GreenPower customers**

#### Total GreenPower customers per quarter



#### **GreenPower sales**



### **Ergon Energy Queensland**



Product options	R/C	Product details	Consumption / block based	Availability
Clean Energy	R	10% accredited	Block of 333 kWh	QLD – Ergon franchise
Clean Energy	R	25% accredited	Block	QLD – Ergon franchise
Clean Energy	R	50% accredited	Block	QLD – Ergon franchise
Clean Energy	R	75% accredited	Block	QLD – Ergon franchise
Clean Energy	R	100% accredited	Block	QLD – Ergon franchise
Clean Energy Business	С	Customer chooses contribution 2.5-100%	Consumption	QLD – Ergon franchise

<sup>\*</sup>R = Residential, C = Commercial

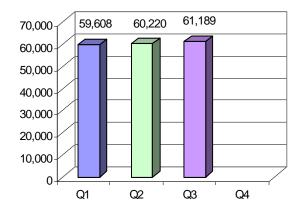
Contact Ergon Energy: On 13 10 46, or visit www.ergon.com.au.

### Quarter in review

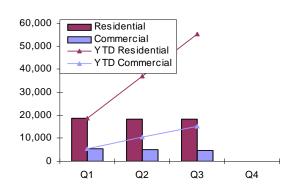
	Residential	Commercial	Total
GreenPower customer numbers	58,175	3,014	61,189
GreenPower sales MWh	18,350	4,552	22,902

### **GreenPower customers**

### Total GreenPower customers per quarter



### **GreenPower sales**



### **Horizon Power**



Product options	R/C	Product details	Consumption / block based	Availability
GreenSelect	R&C	50% accredited	Consumption	Regional WA
GreenSelect	R&C	100% accredited	Consumption	Regional WA

<sup>\*</sup>R = Residential, C = Commercial

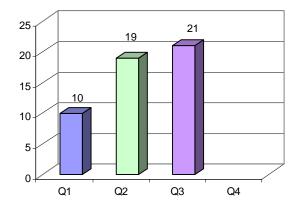
Contact Horizon Power: On 1800 089 504, or visit www.horizonpower.com.au

### Quarter in review

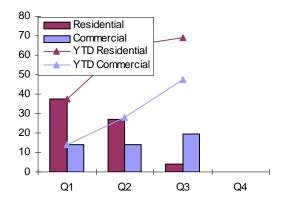
	Residential	Commercial	Total
GreenPower customer numbers	20	1	21
GreenPower sales MWh	4	20	24

### **GreenPower customers**

### Total GreenPower customers per quarter



### **GreenPower sales**



### **Integral Energy**



Product options	R/C	Product details	Consumption / block based	Availability			
///green Home	R	10% accredited	Consumption	NSW			
///greenPure	R	100% accredited	Consumption	NSW & QLD			
<i>IN</i> greenPower	R	20, 50 & 100% accredited	Consumption	NSW			
INgreen Future	R	100% accredited	Consumption	NSW			
INgreen Business	С	Choice of 2.5%, 10%, 50% or 100%	Consumption	NSW			
INgreen Living	R&C	10, 20 & 50% accredited	Consumption	NSW & QLD			
Business Green	С	Customer chooses percentage	Consumption	NSW, VIC, QLD, ACT			
Hampton Wind	Not offe	Net effected to new quotomore					
Wyuna Water	INOL OHE	Not offered to new customers					

<sup>\*</sup>R - Residential, C - Commercial

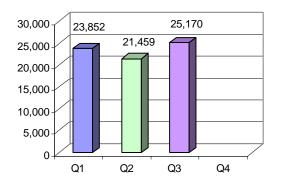
Contact Integral Energy: On 131 002 or visit www.integral.com.au

### Quarter in review - Previous quarter's figures adjusted from information supplied by provider

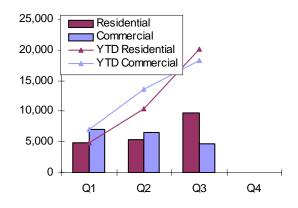
	Residential	Commercial	Total
GreenPower customer numbers	25,018	152	25,170
GreenPower sales MWh	9,754	4,722	14,476

### **GreenPower customers**

#### Total GreenPower customers per quarter



### **GreenPower sales**



### **Jackgreen International**



Product options	R/C	Product details	Consumption / block based	Availability
Jackgreen Power 10%	R&C	10% accredited	Consumption	ACT, NSW, VIC, SA, QLD
Jackgreen Power 20%	R&C	20% accredited	Consumption	ACT, NSW, VIC, SA, QLD
Jackgreen Power 25%	R&C	25% accredited	Consumption	ACT, NSW, VIC, SA, QLD
Jackgreen Power 50%	R&C	50% accredited	Consumption	ACT, NSW, VIC, SA, QLD
Jackgreen Power 100%	R&C	100% accredited	Consumption	ACT, NSW, VIC, SA, QLD

<sup>\*</sup>R - Residential, C - Commercial

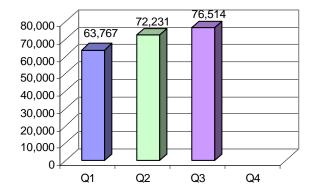
Contact Jackgreen: On 1300 465 225 or visit www.jackgreen.com.au

### Quarter in review

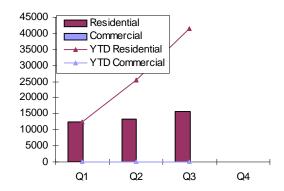
	Residential	Commercial	Total
GreenPower customer numbers	76,511	3	76,514
GreenPower sales MWh	15,740	48	15,788

### **GreenPower customers**

### Total GreenPower customers per quarter



### **GreenPower sales**



### **Momentum Energy**



Product options	R/C	Product details	Consumption / block based	Availability
Momentum Energy Green 10%	R	10% accredited	Consumption	VIC, SA
Momentum Energy Green 20%	R	20% accredited	Consumption	VIC, SA
Momentum Energy Green 25%	R	25% accredited	Consumption	VIC, SA
Momentum Energy Green 50%	R	50% accredited	Consumption	VIC, SA
Momentum Energy Green 75%	R	75% accredited	Consumption	VIC, SA
Momentum Energy Green 100%	R	100% accredited	Consumption	VIC, SA
Momentum Energy Green Business	С	Customer chooses contribution 1-100%	Consumption	VIC, SA

<sup>\*</sup>R - Residential, C - Commercial

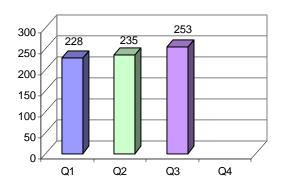
Contact Momentum Energy: On 1300 662 778 or visit: www.momentumenergy.com.au

### Quarter in review

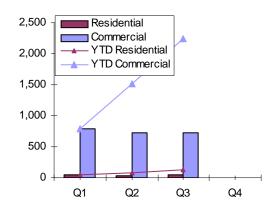
	Residential	Commercial	Total
GreenPower customer numbers	208	45	253
GreenPower sales MWh	41	725	766

### **GreenPower customers**

### Total GreenPower customers per quarter



### **GreenPower sales**



### **Neighbourhood Energy**



Product options	R/C	Product details	Consumption / block based	Availability
Greenlight 10	R	10% accredited	Consumption	VIC
Greenlight 25	R	25% accredited	Consumption	VIC
Greenlight 50	R	50% accredited	Consumption	VIC
Greenlight 100	R	100% accredited	Consumption	VIC

<sup>\*</sup>R - Residential, C - Commercial

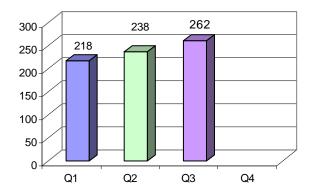
Contact Neighbourhood Energy: On 1300 764 860, or visit www.neighbourhood.com.au

### **Quarter in review**

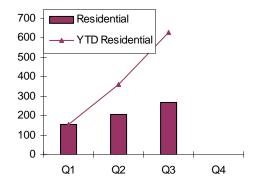
	Residential	Commercial	Total
GreenPower customer numbers	262	N/A	262
GreenPower sales MWh	270	N/A	270

### **GreenPower customers**

### Total GreenPower customers per quarter



### **GreenPower sales**



### **Origin Energy**



Product options	R/C	Product Details	Consumption / block based	Availability			
Earth'schoice	R	100% accredited	Block 330 kWh/quarter - 4800 kWh/quarter	VIC, QLD			
Earth'schoice Business	С	Choice of fixed % of consumption (min 2.5%) or fixed volume in KWh	Block or consumption	NSW, VIC, QLD			
GreenEarth 10	R	10% accredited	Consumption	NSW, VIC, SA			
GreenEarth 20	R	20% accredited	Consumption	NSW, VIC, SA			
GreenEarth 25	R	25% accredited	Consumption	NSW, VIC, SA			
GreenEarth Extra	R	50% accredited	Consumption	NSW, VIC, SA			
GreenEarth Wind	R	100% accredited	Consumption	NSW, VIC, SA			
GreenEarth Solar	R	100% accredited	Consumption	NSW, VIC, SA			
GreenEarth Business	С	1-100% accredited	Consumption	Australia wide			
EcoPower							
EcoSaver	inot offered to fi	Not offered to new customers					

<sup>\*</sup>R - Residential, C - Commercial

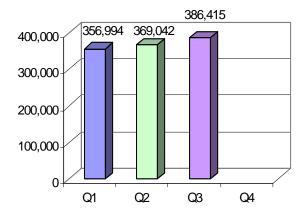
Contact Origin Energy: On 13 24 63 or visit www.originenergy.com.au

### Quarter in review - Previous quarter's figures adjusted from information supplied by provider

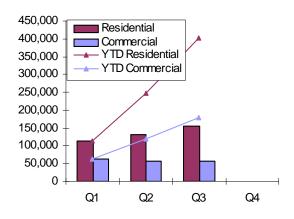
	Residential	Commercial	Total
GreenPower customer numbers	366,751	19,664	386,415
GreenPower sales MWh	156,263	57,304	213,567

#### **GreenPower customers**

### Total GreenPower customers per quarter



### **GreenPower sales**



### **Powerdirect**



Product options	R/C	Product details	Consumption / block based	Availability
GreenPower	R	100% accredited	Consumption	NSW, VIC, SA
GreenPower - Business	С	Choice of 10% of 100%	Consumption	NSW, VIC

<sup>\*</sup>R - Residential, C - Commercial

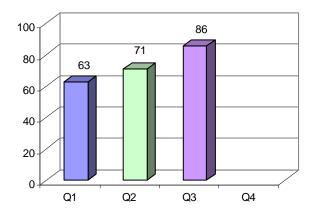
Contact Powerdirect: On 1 300 307 966, or visit www.powerdirect.com.au

### Quarter in review

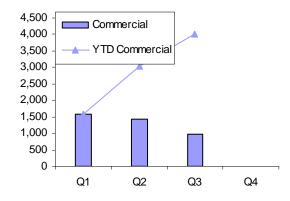
	Residential	Commercial	Total
GreenPower customer numbers	0	86	86
GreenPower sales MWh	0	972	972

#### **GreenPower customers**

### Total GreenPower customers per quarter



### **GreenPower sales**



### **Queensland Electricity**



### **Queensland Electricity**

Product options	R/C	Product details	Consumption / block based	Availability
Eco Green	R	10% accredited	Consumption	QLD
Premium Green	R	100% accredited	Consumption	QLD
Business	С	Choice of 10% of 100%	Consumption	QLD

<sup>\*</sup>R - Residential, C - Commercial

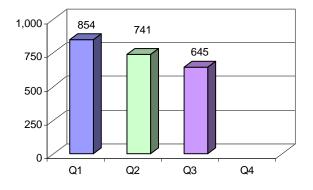
Contact Queensland Electricity: On 1300 728 325, or visit www.queenslandelectricity.com.au

### Quarter in review

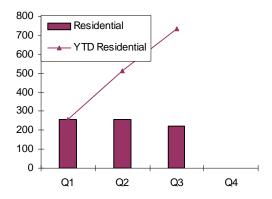
	Residential	Commercial	Total
GreenPower customer numbers	645	N/A	645
GreenPower sales MWh	223	N/A	223

### **GreenPower customers**

#### Total GreenPower customers per quarter



### **GreenPower sales**



# **Red Energy**



Product options	R/C	Product details	Consumption /block based	Availability
GreenPower 100%	R&C	100% accredited	Consumption	ACT, NSW, VIC
GreenPower 10%	С	10% accredited (if > 160 MWh)	Consumption	ACT, NSW, VIC

<sup>\*</sup>R - Residential, C - Commercial

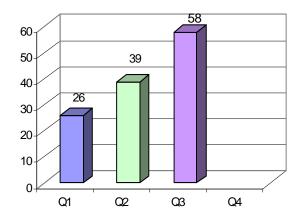
Contact Red Energy: On 13 18 06, or visit www.redenergy.com.au

### Quarter in review

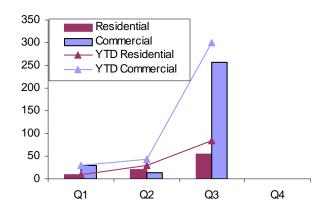
	Residential	Commercial	Total
GreenPower customer numbers	54	4	58
GreenPower sales MWh	55	257	312

### **GreenPower customers**

### Total GreenPower customers per quarter



### **GreenPower sales**



### **Simply Energy**



Product options	R/C	Product details	Consumption / block based	Availability
GreenSaver	R	10% accredited	Consumption	VIC & SA
GreenSaver Premium	R	100% accredited	Consumption	VIC & SA
Green@Work	С	Customers choose any percentage	Consumption	VIC & SA

<sup>\*</sup>R - Residential, C - Commercial

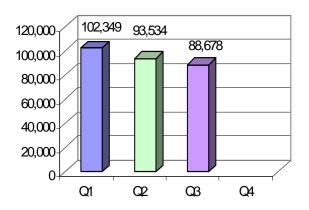
Contact Simply Energy: On 13 88 08, or visit www.simplyenergy.com.au

### Quarter in review

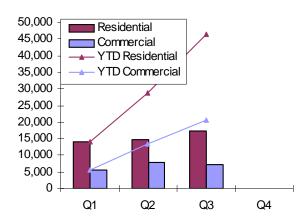
	Residential	Commercial	Total
GreenPower customer numbers	87,953	725	88,678
GreenPower sales MWh	17,356	7,252	24,608

### **GreenPower customers**

#### Total GreenPower customers per quarter



### **GreenPower sales**



### **South Australia Electricity**



Product Options	R/C	Product Details	Consumption / Block Based	Availability
Eco Green	R	10% accredited	Consumption	SA
Premium Green	R	100% accredited	Consumption	SA
Business	С	Choice of 10% of 100%	Consumption	SA

<sup>\*</sup>R - Residential, C - Commercial

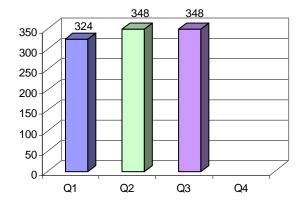
Contact South Australia Electricity: On 1300 360 294, or on <a href="www.southaustraliaelectricity.com.au">www.southaustraliaelectricity.com.au</a>

#### Quarter in review

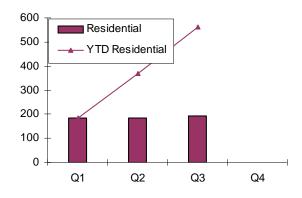
	Residential	Commercial	Total
GreenPower customer numbers	348	0	348
GreenPower sales MWh	191	0	191

### **GreenPower customers**

### Total GreenPower customers per quarter



### **GreenPower sales**



### **Synergy**



Product options	R/C	Product details	Consumption / block based	Availability
Natural Power 25%	R	25% accredited	Consumption	WA
Natural Power 50%	R	50% accredited	Consumption	WA
Natural Power 75%	R	75% accredited	Consumption	WA
Natural Power 100%	R	100% accredited	Consumption	WA
Natural Power Business	С	Choice of 5%, 10%, 25%, 50%, 75% or 100%	Consumption	WA
EasyGreen	R	Choice of between 1,200-9,600 kWh (increments of 1,200 kWh) per annum	Block	WA

<sup>\*</sup>R - Residential, C - Commercial

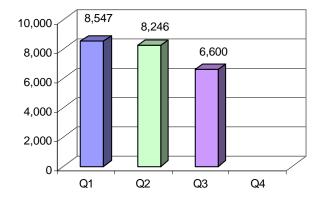
Contact Synergy: On 13 13 53, or visit: www.synergyenergy.com.au

### Quarter in review

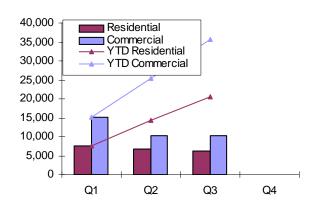
	Residential	Commercial	Total
GreenPower customer numbers	5,280	1,320	6,600
GreenPower sales MWh	6,120	10,213	16,333

#### **GreenPower customers**

### Total GreenPower customers per quarter



### **GreenPower sales**



# **TRUenergy**



Product options	R/C	Product details	Consumption / block based	Availability
Go Green	R	10% accredited	Consumption	NSW, VIC, SA, ACT, QLD
Planet Starter	R	10% accredited	Consumption	NSW, VIC, SA, ACT, QLD
Planet	R	20% accredited	Consumption	NSW, VIC, SA, ACT, QLD
Planet Plus	R	50% accredited	Consumption	NSW, VIC, SA, ACT, QLD
Wind Power	R	100% accredited	Consumption	NSW, VIC, SA, ACT, QLD
TRUenergy Green	С	Choice between 1% - 100% accredited	Consumption	NSW, VIC, SA, ACT, QLD
TRUenergy Eco-friendly	С	Choice of 2.5%, 5%, 10%, 25%, 50%, 75%	Consumption	NSW, VIC, SA, ACT, QLD
TRUenergy Wind Power	С	100% accredited	Consumption	NSW, VIC, SA, ACT, QLD

<sup>\*</sup>R - Residential, C - Commercial

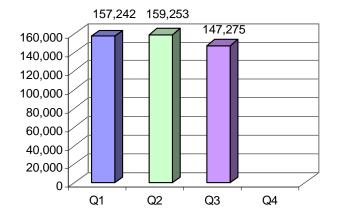
Contact TRUenergy: On 133 466 or visit www.truenergy.com.au

### Quarter in review

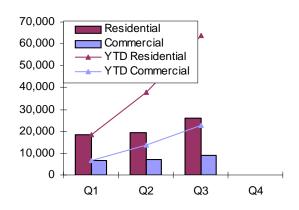
	Residential	Commercial	Total
GreenPower customer numbers	143,426	3,849	147,275
GreenPower sales MWh	26,061	8,816	34,877

### **GreenPower customers**

### Total GreenPower customers per quarter



### **GreenPower sales**



### **Victoria Electricity**



Product options	R/C	Product details	Consumption / block based	Availability
Eco Green	R	10% accredited	Consumption	VIC
Premium Green	R	100% accredited	Consumption	VIC
Business	С	Choice of 10% or 100%	Consumption	VIC

<sup>\*</sup>R - Residential, C - Commercial

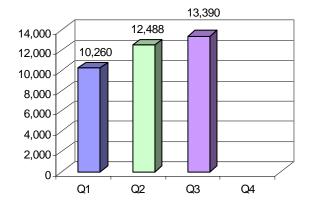
Contact Victoria Electricity: On 1300 136 749, or visit: www.victoriaelectricity.com.au

### Quarter in review

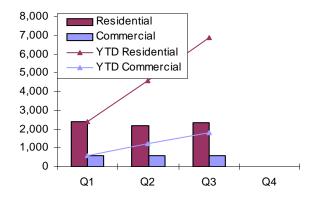
	Residential	Commercial	Total
GreenPower customer numbers	13,171	219	13,390
GreenPower sales MWh	2,328	593	2,921

### **GreenPower customers**

#### Total GreenPower customers per quarter



### **GreenPower sales**



### Appendix A – Major generator types

### **Solar Photovoltaic**

Energy from the sun can be categorised in two ways, as heat energy (thermal energy) or as light energy.

Photovoltaics are a semiconductor-based technology which converts the sun's *light* energy directly into an electrical current. Photovoltaic panels are very versatile and can be mounted in a variety of sizes and applications such as on building roofs, street lights or roadside emergency phones.

### Wind turbines

Wind turbines can be used to drive a generator to create electricity. Modern wind turbines for generating electricity usually have two or three blades (up to 45m in length) and often involve dual land use, as sheep and cattle can graze around the base of the turbines. A single wind turbine may be sufficient to power up to 500 homes. Commercial wind farms group these turbines together in one location to produce larger amounts of electricity.

### **Hydro-electric**

Hydro-electric power is electricity produced from the energy of falling water using dams, turbines and generators. The environmental impact of hydro-electric projects varies and only those that can be shown to be environmentally acceptable can be accredited under GreenPower.

#### **Biomass**

Methane generated by the decomposition of biomass resources (putrescibles and green waste) in landfill sites, sewage treatment works or large scale composting can be used to generate electricity. Waste materials from agricultural enterprises such as forestry, sugar cane, winery and cotton production can also be used to generate electricity.

Such projects are considered generally suitable as GreenPower projects, but are carefully assessed by the Project Manager on a case by case basis.

A wide variety of crops could be grown specifically for energy generation including timbers, oils or complex sugars. The suitability of these crops will depend on the sustainability of the agricultural practices used. The 'energy crops' industry is in its infancy in Australia.

With regard to forestry wastes, utilisation of fuels from existing forestry plantations is likely to be generally acceptable under GreenPower. However, utilisation of any materials (including wastes) from high conservation value forests such as old growth forests is not acceptable.

#### **Endnotes**

A 'new' GreenPower generator is defined as an electricity generator or increase in generator capacity, which was commissioned or first sold energy (whichever is earlier) after January 1, 1997 or after launch of the GreenPower Product (whichever is earlier).

An 'existing' GreenPower generator is defined as an electricity generator or increase in generator capacity which was commissioned or first sold energy (whichever is earlier) prior to January 1, 1997.