



GreenPower 2024 Quarterly Report

Quarter 4

1 October 2024 – 31 December 2024



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This report provides stakeholders with updates on GreenPower.

GreenPower is 100% renewable electricity and can be purchased by households and businesses through most Australian energy retailers and a range of other GreenPower Providers. The first section of the report provides information about GreenPower. This is followed by breakdowns of GreenPower sales by each Provider.

The period covered in this report is the fourth quarter of the 2024 settlement period for GreenPower from 1 October to 31 December 2024.

The quarterly reports are not audited and therefore data may not be accurate. For audited customer numbers and sales, please refer to the annual audit reports published at www.greenpower.gov.au/about-greenpower/audits-and-reports/annual-audits

This report, as well as additional information about GreenPower, is available on the GreenPower website at www.greenpower.gov.au

Executive Summary

Quarter in review: Q4 2024: 1 October to 31 December 2024

GreenPower Products were offered by 37 GreenPower Providers nationally in Q4 2024

The figures contained in this report are unaudited and may be subject to revision. Final, audited figures are published in the annual audit report each year. The annual audit report for 2024 will be made available on the GreenPower website in mid-2025

Below is a breakdown of total GreenPower customer numbers and GreenPower sales (MWh) made in Q4 2024, between residential and business customers, and by the state or territory in which GreenPower customers are based.

Table 1.1: Sales and customers numbers in Q4 2024

State / Territory	Residential customers	Business customers	Residential sales (MWh)	Business sales (MWh)
ACT	4,468	358	2,609	2,879
NSW	35,193	23,525	21,190	168,166
NT	4	2	4	26
QLD	46,976	9,296	17,035	60,744
SA	9,111	2,193	3,179	21,625
TAS	64	105	56	983
VIC	33,190	8,604	17,232	136,601
WA	4,145	1,555	2,159	48,458
Total	133,151	45,638	63,464	439,481

GreenPower customer and sales trends

Figure 1: Total GreenPower residential and business customers in Q4 2024 compared to previous quarters

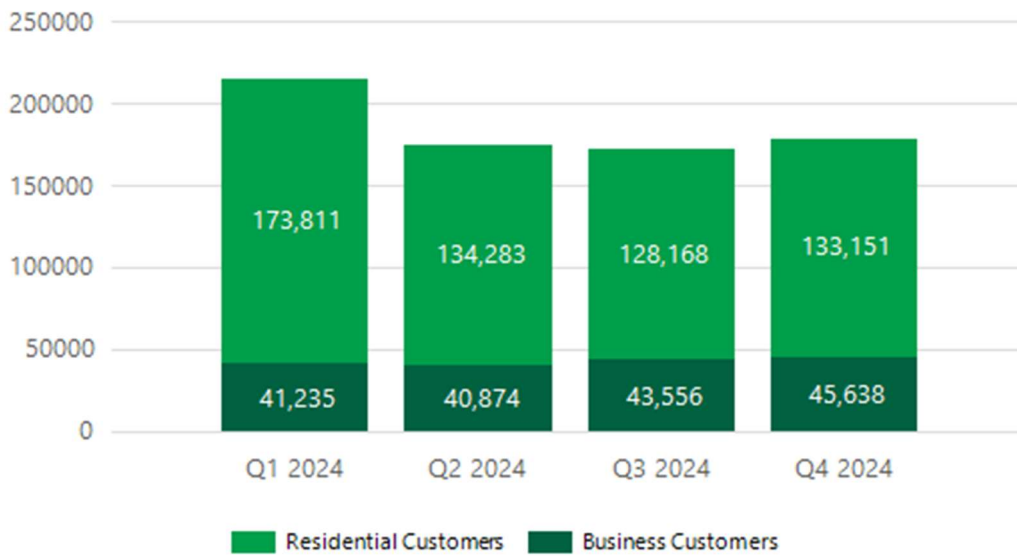
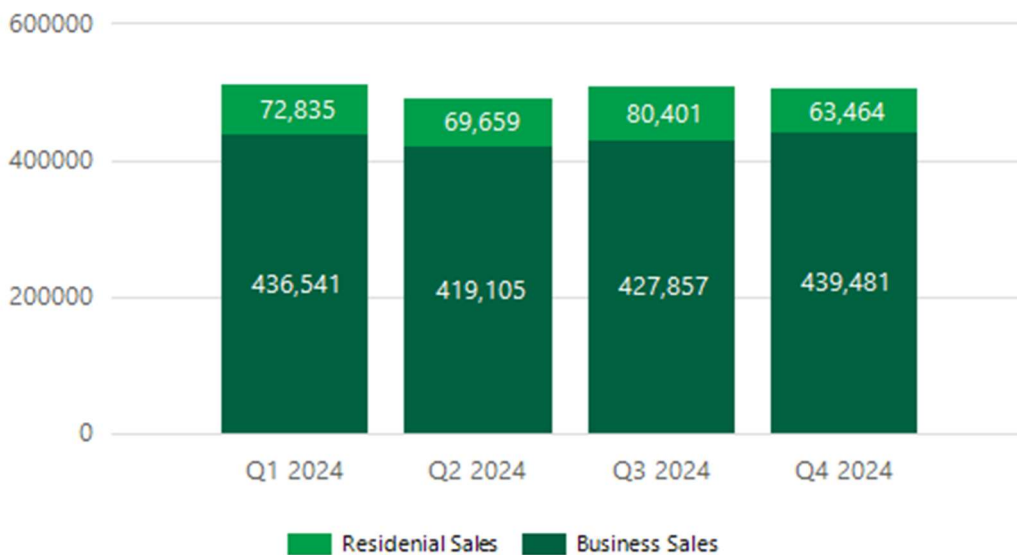


Figure 2: Residential and business GreenPower sales (MWh) in Q4 2024 compared to previous quarters



About GreenPower

GreenPower is 100% renewable electricity and can be purchased by households and businesses through most Australian energy retailers and a range of other GreenPower Providers. The National GreenPower Accreditation Program is managed by the NSW Government on behalf of the National GreenPower Steering Group, a collaboration of Australian state and territory governments.

GreenPower Providers and Products

Most energy providers throughout Australia offer at least one accredited GreenPower Product. Residential and business customers can choose to buy a GreenPower Product offered by any GreenPower Provider which is accredited to sell GreenPower in their state or territory.

The list of GreenPower Providers and where they are licensed to sell their GreenPower Products is available on the GreenPower website at www.greenpower.gov.au/get-greenpower/find-provider

The three main types of GreenPower Products offered are:

1. **consumption based products** where the customer nominates the level of GreenPower purchased according to a nominated percentage of their total electricity consumption. Consumption based products are part of the customer's electricity retail contract.
2. **'block' based products** where the customer purchases a fixed kWh block of GreenPower that is not directly linked to their consumption. For residential customers, the minimum block is the equivalent of 10% of average household electricity consumption as defined in the [GreenPower Program Rules](#). Block based products are part of the customer's electricity retail contract.
3. **'decoupled' GreenPower** generally for business customers that wish to purchase GreenPower separately to their electricity contract. A GreenPower Provider can be contracted to purchase and surrender the equivalent number of GreenPower Large-scale Generation Certificates (LGCs) from eligible generation sources to meet the customer's electricity consumption, or for a proportion of the total consumption. This could include GreenPower Connect and GreenPower Corporate Direct products.

Breakdown of GreenPower customer numbers and sales (MWh)

Table 2.1: Residential customers

Providers	Q1 2024	Q2 2024	Q3 2024	Q4 2024
ActewAGL	4,011	3,891	3,810	3,722
ACXargyle				
AGL	3,582	3,662	3,775	3,389
Alinta Energy Retail Sales				
Alinta Sales				
Amber Electric	956	1,032	1,076	1,112
Aurora Energy				
Australia Pacific Airports (Melbourne)				
CovaU Energy	732	976	1,001	890
Delta Electricity				
Diamond Energy	1,456	1,408	1,447	1,430
Discover Energy	11	11	9	6
Dodo Power and Gas	615	648	692	619
Energy Locals	4,762	4,964	4,957	4,885
EnergyAustralia	9,414	9,213	9,547	10,348
ENGIE	4,204	4,291	4,785	5,779
Ergon Energy	21,725	19,341	19,166	18,536
Flow Power	299	305	350	363
Genuity Retail				
Globird Energy			64	117
Iberdrola Australia Energy Markets				
LUMO Energy (SA)	139	135	141	136
LUMO Energy Australia	314	313	307	297
Microgrid Power				
Momentum Energy	7,402	7,555	7,317	7,507
Nectr	29,756	432	10	5
Next Business Energy	67	103	118	82
Origin Energy	67,436	59,645	58,748	55,524
OVO Energy	2,351	3,330	3,735	3,941
Pacific Blue	413	383	336	277
Powershop Australia	4,668	4,272	4,076	4,006
Red Energy	5,140	5,467	5,780	6,031
Rimfire Energy	2	4	4	4
Shell Energy				
SmartestEnergy Australia				
Stanwell Corporation				
Synergy	4,356	4,310	4,234	4,145

Table 2.2: Business customers

Providers	Q1 2024	Q2 2024	Q3 2024	Q4 2024
ActewAGL	158	152	142	144
ACXargyle	17	30	12	21
AGL	4,709	5,008	5,301	5,134
Alinta Energy Retail Sales	117	117	120	121
Alinta Sales	99	112	118	122
Amber Electric	28	26	25	24
Aurora Energy	1	1	1	1
Australia Pacific Airports (Melbourne)	110	134	172	173
CovaU Energy	52	53	67	70
Delta Electricity	22	23	2	2
Diamond Energy	116	104	123	114
Discover Energy	2	2	2	2
Dodo Power and Gas	2	3	2	2
Energy Locals	182	200	192	197
EnergyAustralia	1,094	1,145	1,188	1,177
ENGIE	89	117	160	334
Ergon Energy	1,333	1,332	1,671	1,663
Flow Power	295	311	371	365
Genuity Retail	0	1	1	1
Globird Energy			0	0
Iberdrola Australia Energy Markets	70	69	66	65
LUMO Energy (SA)	5	4	5	5
LUMO Energy Australia	5	3	3	3
Microgrid Power				0
Momentum Energy	971	1,033	879	1,279
Nectr				
Next Business Energy	511	541	441	339
Origin Energy	12,608	10,904	13,585	13,365
OVO Energy	4	12	18	17
Pacific Blue	52	48	44	35
Powershop Australia	452	426	407	379
Red Energy	637	684	616	580
Rimfire Energy	4	2	2	2
Shell Energy	16,101	16,855	17,158	18,338
SmartestEnergy Australia	17	18	23	22
Stanwell Corporation	134	136	126	127
Synergy	1,238	1,372	1,392	1,415

Table 2.3: Residential sales (MWh)

Providers	Q1 2024	Q2 2024	Q3 2024	Q4 2024
ActewAGL	1,964	1,906	2,307	2,047
ACXargyle				
AGL	1,677	2,182	2,651	2,224
Alinta Energy Retail Sales				
Alinta Sales				
Amber Electric	947	1,435	1,451	1,049
Aurora Energy				
Australia Pacific Airports (Melbourne)				
CovaU Energy	302	635	957	521
Delta Electricity				
Diamond Energy	1,165	1,208	1,742	1,343
Discover Energy	9	9	9	4
Dodo Power and Gas	131	162	221	142
Energy Locals	2,912	4,061	4,924	3,044
EnergyAustralia	4,898	4,808	6,110	4,722
ENGIE	1,629	2,027	2,825	2,849
Ergon Energy	3,680	3,466	3,348	3,234
Flow Power	367	467	653	453
Genuity Retail				
Globird Energy			8	70
Iberdrola Australia Energy Markets				
LUMO Energy (SA)	24	26	39	27
LUMO Energy Australia	40	53	61	39
Microgrid Power				
Momentum Energy	2,122	2,817	3,156	2,163
Nectr	712	368	7	3
Next Business Energy	153	163	206	154
Origin Energy	35,198	27,912	30,754	23,133
OVO Energy	2,935	4,625	5,868	4,507
Pacific Blue	457	428	530	255
Powershop Australia	3,273	3,698	4,360	2,787
Red Energy	5,346	5,986	8,527	6,533
Rimfire Energy	2	3	3	4
Shell Energy				
SmartestEnergy Australia				
Stanwell Corporation				
Synergy	2,891	2,422	2,839	2,159

Table 2.4: Business sales (MWh)

Providers	Q1 2024	Q2 2024	Q3 2024	Q4 2024
ActewAGL	1,069	693	700	1,873
ACXargyle	6,216	4,411	4,996	4,572
AGL	37,802	43,231	40,100	37,508
Alinta Energy Retail Sales	13,379	15,635	18,960	21,278
Alinta Sales	16,150	15,617	15,135	16,919
Amber Electric	58	65	74	63
Aurora Energy	7	8	9	9
Australia Pacific Airports (Melbourne)	1,930	2,551	6,883	6,779
CovaU Energy	1,598	1,634	1,699	1,639
Delta Electricity	1,246	1,148	1	1
Diamond Energy	2,179	1,602 ³	1,851	2,004
Discover Energy	1	1	1	1
Dodo Power and Gas	1	1	1	1
Energy Locals	574	815	620	702
EnergyAustralia	18,030	18,514	19,184	19,949
ENGIE	1,026	592	1,502	1,832
Ergon Energy	5,490	1,756	6,815	4,879
Flow Power	11,331	10,615	11,865	14,013
Genuity Retail	0	2	2	2
Globird Energy			0	0
Iberdrola Australia Energy Markets	5,049	5,248	5,018	4,780
LUMO Energy (SA)	2	1	2	2
LUMO Energy Australia	1	1	1	1
Microgrid Power				0
Momentum Energy	19,450	16,623	11,369	19,430
Nectr				
Next Business Energy	7,119	7,400	7,649	6,732
Origin Energy	90,192	92,000	92,671	94,813
OVO Energy	0	15	57	68
Pacific Blue	383	317	121	79
Powershop Australia	4,251	4,078	4,088	3,046
Red Energy	37,018	37,018	38,093	22,525
Rimfire Energy	34	22	22	26
Shell Energy	100,026	88,097	95,216	98,233
SmartestEnergy Australia	3,637	3,648	6,140	5,165
Stanwell Corporation	24,841	20,611	20,140	22,337
Synergy	26,450	26,739	28,241	28,220

Table 3.1: GreenPower accredited product list in Q4 2024 : 1 October to 31 December 2024

Provider	Product	Jurisdictions	Residential	Business
ActewAGL	Greenchoice	ACT, NSW	Yes	Yes
ACXargyle	GreenPower	NSW, QLD, SA, VIC, WA	No	Yes
AGL	Green Energy, Green Living, Green Spirit, Green for Free, Green Events, AGL Perth Energy GreenPower	ACT, NSW, QLD, SA, VIC, WA	Yes	Yes
Alinta Energy Retail Sales	Green Energy Agreement	NSW, VIC	No	Yes
Alinta Sales	Alinta GreenPower	WA	No	Yes
Amber Electric	Amber Electric GreenPower	ACT, NSW, QLD, SA, VIC	Yes	Yes
Aurora Energy	AuroraGreen	TAS	Yes	Yes
Australia Pacific Airports (Melbourne)	Melbourne Airport GreenPower Network	VIC	No	Yes
CovaU Energy	GreenPower	ACT, NSW, QLD, SA, VIC	Yes	Yes
Delta Electricity	Delta GreenPower	ACT, NSW, VIC	No	Yes
Diamond Energy	Diamond Pure Plus	NSW, QLD, SA, VIC	Yes	Yes
Discover Energy	Greenpower100, Greenpower10, Greenpower20	NSW, QLD, SA	Yes	Yes
Dodo Power and Gas	Dodo Green Power	NSW, QLD, SA, VIC	Yes	Yes
Energy Locals	GreenPower, Indigo Power GreenPower, RAA Energy GreenPower	ACT, NSW, QLD, SA, VIC, TAS	Yes	Yes
EnergyAustralia	PureEnergy	ACT, NSW, QLD, SA, VIC	Yes	Yes
ENGIE	Simply Greener, Simply Green 100, Green@Work	ACT, NSW, QLD, SA, VIC	Yes	Yes
Ergon Energy	Clean Energy	NSW, QLD	Yes	Yes
Flow Power	Power Renewable, Power Active, GreenPower Connect, Flow Home	NSW, QLD, SA, VIC	Yes	Yes
Genuity Retail	GreenPower	QLD	No	Yes
Globird Energy	Green30, Green50, GreenMax, BizGreenMax, NINETOFIVEGREEN, GreenZeroHero	ACT, NSW, QLD, SA, VIC	Yes	Yes
Iberdrola Australia Energy Markets	Iberdrola Energy GreenPower	NSW, SA, VIC	No	Yes
LUMO Energy (SA)	SA Electricity Green Energy	SA	Yes	Yes
LUMO Energy Australia	VIC Electricity Green Energy	VIC	Yes	Yes
Microgrid Power	Microgrid GreenPower 100%, Microgrid GreenPower 82%,	NSW, QLD, VIC	Yes	Yes

	Microgrid GreenPower 75%, Microgrid GreenPower 50%			
Momentum Energy	Momentum Green Energy	ACT, NSW, QLD, SA, VIC	Yes	Yes
Nectr	Nectr GreenPower	ACT, NSW, QLD	Yes	Yes
Next Business Energy	Next GreenPower	ACT, NSW, QLD, SA, VIC	Yes	Yes
Origin Energy	GreenEarth	ACT, NSW, QLD, SA, VIC, WA	Yes	Yes
OVO Energy	The One Plan + 100%	NSW, QLD, SA, VIC	Yes	Yes
Pacific Blue	Tango Energy Tango Blue, Tango Energy GreenPower promotion, Pacific Blue C&I GreenPower, Pacific Blue Green100, Pacific Blue GreenPower promotion	NSW, VIC	Yes	Yes
Powershop Australia	Powershop GreenPower, Powershop GreenPower 10, Powershop GreenPower 25, Powershop GreenPower 50	NSW, QLD, SA, VIC	Yes	Yes
Red Energy	GreenPower	ACT, NSW, QLD, SA, VIC	Yes	Yes
Rimfire Energy	GreenPower 100	NT	Yes	Yes
Shell Energy	Shell GreenPower	ACT, NSW, QLD, SA, VIC, WA, TAS	No	Yes
SmartestEnergy Australia	GreenPower	NSW, QLD, SA, VIC	No	Yes
Stanwell Corporation	GreenPower	ACT, NSW, VIC	No	Yes
Synergy	EasyGreen, NaturalPower	WA	Yes	Yes
WINconnect	GreenPower	NSW, QLD, SA, VIC, WA	Yes	Yes

Rules of the Program

The *National GreenPower Accreditation Program Rules* set stringent requirements 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 accredited GreenPower Generators.

The National GreenPower Accreditation Program Rules are published on our website at www.greenpower.gov.au/documents/greenpower-program-rules

GreenPower Generators

Under the National GreenPower Accreditation Program, a GreenPower Generator is defined as an electricity generator, or increase in generator capacity, which was commissioned or first sold energy (whichever is earlier) after 1 January 1997, and that has been accredited by the National GreenPower Accreditation Program.

A description of the major generator types is provided in Appendix A.

For a list and an interactive map of GreenPower approved generators, please visit the GreenPower website at www.greenpower.gov.au/our-impact/our-generators

GreenPower Generators accredited this quarter

Table 4: GreenPower Generators accredited in Q4 2024

Generator	CER code	Fuel Source	Capacity (MW)	Location	State
Ryans Corner Wind Farm	WD00VC49	Wind	218.40	Orford	VIC
Hawkesdale Wind Farm	WD00VC50	Wind	96.6	Hawkesdale	VIC
Wunghnu Solar Farm	SRPXVCK0	Solar	93.5	Wunghnu	VIC
Crookwell 3 Wind Farm	WD00NS23	Wind	58	Woodhouselee	NSW
Cunderdin Solar Farm	SRPVWAL8	Solar	100	Cunderdin	WA

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. Business 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 are not acceptable.

Landfill gas

Methane emissions result from the decomposition of putrescible and green waste (both biomass resources) in landfill sites. The use of methane emissions from landfill sites to generate electricity has considerable greenhouse benefits. However, the disposal of general municipal waste in landfill sites requires large quantities of land that will remain contaminated by undecomposed matter.

It is not the intention of the National GreenPower Accreditation Program to promote the development of new landfill sites at the expense of waste minimisation. However, landfill gas generation projects are considered generally suitable for inclusion in the National GreenPower Accreditation Program. Any measures undertaken to reduce their environmental impact (such as best practice NOx control) would assist the Program Manager in approving their use under the National GreenPower Accreditation Program.