



GreenPower 2023 Quarterly Report

Quarter 3 |
1 July to 31 September 2023



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This report provides stakeholders with updates on GreenPower. GreenPower is accredited renewable electricity and can be purchased by households and businesses through most Australian energy retailers and a range of other accredited 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 third quarter of the 2023 settlement period for GreenPower from 1 July 2023 to 31 September 2023.

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: 1 July 2023 to 31 September 2023

GreenPower Products were offered by 36 GreenPower Providers nationally in the third quarter of 2023.

The figures contained in this quarterly 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 2023 will be made available on the GreenPower website in Q3 2024.

Below is a breakdown of total GreenPower customer numbers and GreenPower sales (MWh) made in Quarter 3 of 2023, between residential and business customers, and by the state or territory in which GreenPower customers are based.

Table 1: Quarter 3 snapshot of customers and sales

State/ Territory	Residential customers	Business customers	Residential sales (MWh)	Business sales (MWh)
ACT	1,762	84	1,564	1,889
NSW	42,278	19,534	27,612	133,589
NT	-	-	-	-
QLD	49,058	7,867	14,855	44,334
SA	11,460	1,775	5,231	10,366
TAS	44	19	57	755
VIC	32,371	4,926	22,987	87,358
WA	4,491	1,189	3,236	27,580
Total	141,464	35,394	75,542	305,871

GreenPower customer and sales trends

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

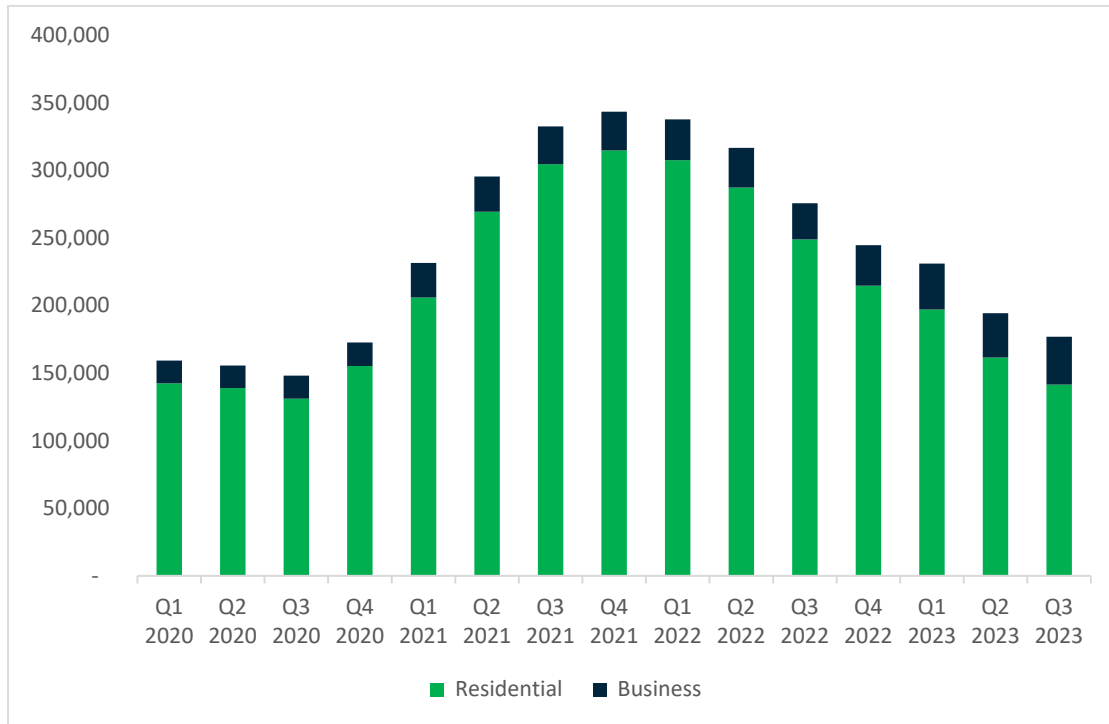
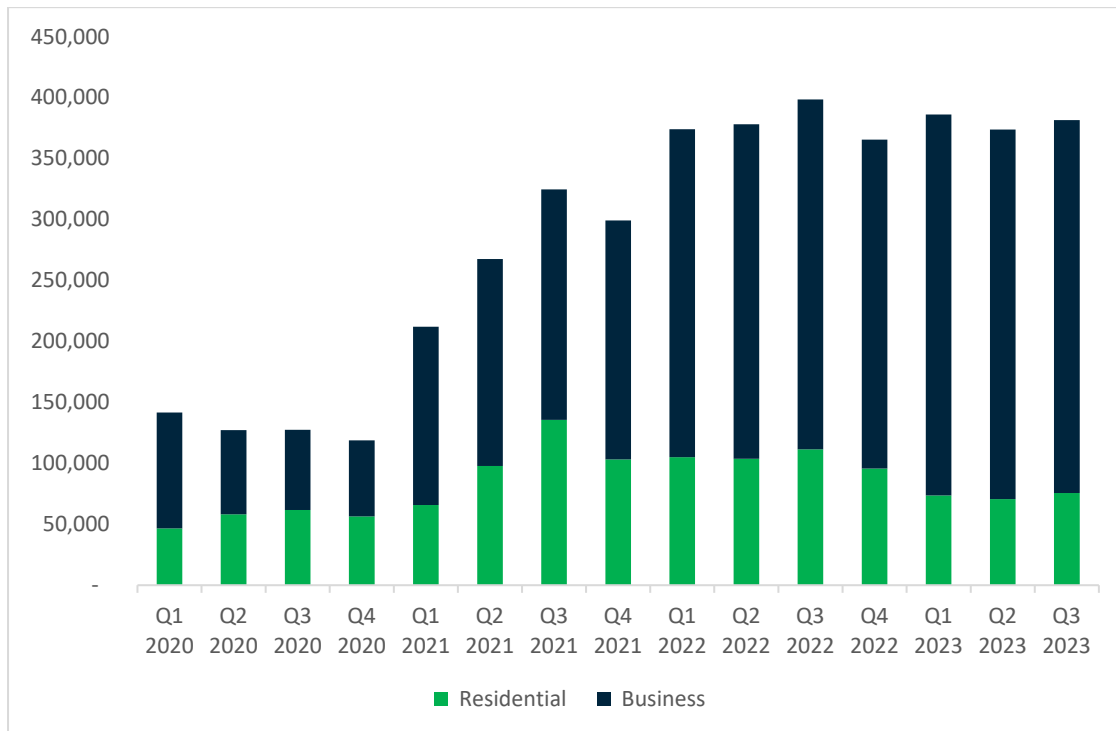


Figure 2: Residential and business GreenPower sales (MWh) compared to previous quarters



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 accredited 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: Quarter 3 breakdown of residential and business customers and sales (MWh)

Retailers	Residential customers	Business customers	Residential sales (MWh)	Business sales (MWh)
Actew AGL				
ACXargyle (Green Energy Exchange)		18		7,510
AGL	2,476	2,461	1,161	15,771
Alinta Energy Retail Sales	-	117	-	15,357
Alinta Sales				
Amber Electric				
Australia Pacific Airports (Melbourne)		10		624
CovaU Energy				
Delta Electricity		8		3,601
Diamond Energy				
Discover Energy	32	3	18	-
Dodo Power and Gas	544	2	314	1
Energy Locals	5,281	253	5,001	872
EnergyAustralia	10,594	1,052	7,013	19,325
Ergon Energy	19,206	1,624	3,636	4,159
Flow Power	269	68	531	5,950
Iberdrola Australia Energy Markets		64		7,017
LUMO Energy (SA)	134	6	109	3
LUMO Energy Australia	333	4	64	1
Momentum Energy	7,115	733	2,580	18,534
Nectr				
Next Business Energy				
Origin Energy	75,321	10,656	34,573	84,600

Retailers	Residential customers	Business customers	Residential sales (MWh)	Business sales (MWh)
OVO Energy				
Powershop Australia	5,359	458	5,270	5,641
ReAmped Energy	305	16	210	28
Red Energy	4,785	497	7,681	30,140
Shell Energy		16,012		56,203
Simply Energy	4,651	70	3,306	854
SmartestEnergy Australia				
Stanwell Corporation		2		620
Synergy	4,491	1,183	3,236	24,878
Tango Energy	665	63	834	4,155
Tilt Renewables				
WINconnect	172	11	3	4

Table 3: GreenPower accredited product list in 2023

Provider	Product	Jurisdictions	Residential	Business
ActewAGL	GreenChoice	ACT, NSW	Yes	Yes
ACXargyle (Green Energy Exchange)	GreenPower	ACT, NSW, NT, QLD, SA, TAS, VIC, WA	No	Yes
AGL	Green Energy, Green Living, Green Spirit, Green Events, Green for Free	NSW, QLD, SA, VIC	Yes	Yes
Alinta Energy Retail Sales	Green Energy Agreement	NSW, QLD, SA, VIC	No	Yes
Alinta WA	GreenPower	WA	No	Yes
Amber Electric	GreenPower	NSW, VIC, QLD, SA, ACT	Yes	Yes
Australia Pacific Airports (Melbourne)	Melbourne Airport GreenPower Network	VIC	No	Yes
Aurora Energy	AuroraGreen	TAS	Yes	Yes
CovaU Energy	GreenPower	ACT, NSW, QLD, SA, TAS, VIC	Yes	Yes
Delta Electricity	Delta GreenPower, Delta GreenPower (decoupled)	ACT, NSW, QLD, SA, TAS, VIC	No	Yes
Diamond Energy	Diamond Pure Plus	NSW, QLD, SA, VIC	Yes	Yes
Discover Energy	GreenPower	ACT, NSW, QLD, SA, TAS, VIC	Yes	Yes
Dodo Power & Gas	Dodo GreenPower	NSW, QLD, SA, VIC	Yes	Yes
EnergyAustralia	Seene Pure Energy, PureEnergy, PureEnergy Choice, PureEnergy Decoupled	ACT, NSW, QLD, SA, TAS, VIC	Yes	Yes
Energy Locals	Arcline by RACV, Energy Trade GreenPower, Indigo Power GreenPower, Energy Local GreenPower	ACT, NSW, QLD, SA, TAS, VIC	Yes	Yes
Ergon Energy	Clean Energy, Clean Energy Plus	QLD	Yes	Yes

Provider	Product	Jurisdictions	Residential	Business
Flow Power	GreenPower Active, Power Renewable, GreenPower Connect Shoalhaven Community Solar, Power Renewable Home, Power Renewable Business	ACT, NSW, QLD, SA, TAS, VIC	Yes	Yes
Iberdrola Australia Energy Markets	GreenPower, GreenPower Direct	ACT, NSW, QLD, SA, TAS, VIC	No	Yes
Lumo Energy (SA)	GreenPower	SA	Yes	Yes
Lumo Energy Australia	GreenPower	VIC	Yes	Yes
Momentum Energy	Suit Yourself Electricity, Strictly Business, GreenPower, Custom GreenPower	ACT, NSW, QLD, SA, TAS, VIC	Yes	Yes
Nectr	GreenPower	NSW, QLD, SA	Yes	Yes
Next Business Energy	Next GreenPower	ACT, NSW, QLD, SA, TAS, VIC	Yes	Yes
Origin Energy	GreenEarth	ACT, NSW, QLD, SA, TAS, VIC	Yes	Yes
OVO Energy	The One Plan, The Basic Plan, The Partner Plan	NSW, QLD, SA, VIC	Yes	No
Powershop	GreenPower	NSW, QLD, SA, VIC	Yes	Yes
ReAmped Energy	GreenPower	ACT, NSW, QLD, SA, TAS, VIC	Yes	Yes
Red Energy	GreenPower, Green Planet	ACT, NSW, QLD, SA, TAS, VIC	Yes	Yes
Shell Energy	Shell GreenPower	ACT, NSW, NT, QLD, SA, TAS, VIC, WA	No	Yes
Simply Energy	GreenPower	ACT, NSW, QLD, SA, TAS, VIC	Yes	Yes
SmartestEnergy	GreenPower	ACT, NSW, QLD, SA, TAS, VIC	No	Yes
Stanwell	GreenPower	ACT, NSW, QLD, SA, TAS, VIC	No	Yes

Provider	Product	Jurisdictions	Residential	Business
Synergy	Easy Green, NaturalPower	WA	Yes	Yes
Tango Energy	Tango Blue, Tango Energy C&I GreenPower, Tango Green Offset	ACT, NSW, QLD, SA, TAS, VIC	Yes	Yes
Tilt Renewables	GreenPower	VIC	No	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 Q3 2023

Generator	CER code	Fuel Source	Capacity (MW)	Location	State
Dulacca Wind Farm	WD00QL07	Wind	173	Drillham	QLD
Oaklands Hill Wind Farm	WD00VC13	Wind	67.20	Glenthompson	VIC
Wyalong Solar Farm	SRPXNSG2	Solar	53	Wyalong	NSW
Berri Energy Project	SRPV SAR3	Solar	3.91	Monash	SA

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 NO_x control) would assist the Program Manager in approving their use under the National GreenPower Accreditation Program.