

Our goal is to be carbon neutral by 2050

Investing in the clean energy transition

- EnergyAustralia has the rights to more than 800 MW of solar and wind farm power purchase agreements, and we half-own the Cathedral Rocks wind farm
- Through these long-term agreements, worth almost \$3 billion, we underpin around 6.5 per cent of the large-scale wind and solar projects in the National Electricity Market
- In 2018, we completed Victoria's first two battery storage facilities with a combined capacity of 55MW, equivalent to 80MWh. This is enough to power around 40,000 homes for an hour of critical peak demand before being recharged.

Carbon neutral energy for our customers

- Since 2016, we have given our customers the opportunity to offset their emissions from home electricity use at no extra cost to them. We expanded our Go Neutral program to gas in May 2020
- We added Business Carbon Neutral in June 2020, helping our business customers offset their electricity emissions and display their carbon credentials
- EnergyAustralia has over 250,000 of our customers choosing to have their energy use offset, and we have offset over 1.6m tonnes of carbon dioxide to date
- EnergyAustralia now has the largest Climate Active certified offset offering in the Australian energy sector, and the second largest in the country
- We buy only Australian carbon offsets (ACCU) and quality accredited international units, consistent with the government-backed Carbon Neutral Standard.

Planning for a carbon constrained future

EnergyAustralia includes different carbon dioxide constraints within market scenarios that we model. We assess all major generation and energy infrastructure related investment decisions against these scenarios.

Purpose and policy

Our Purpose is to lead and accelerate the clean energy transformation for all.

EnergyAustralia supports energy and climate policy that is durable, national, market-based, integrated and technology neutral.



EnergyAustralia
LIGHT THE WAY

Our commitment to reduce emissions

- We are committed to reducing our carbon dioxide emissions by progressively phasing out coal-fired power, as we work to integrate new supplies of dispatchable generation, without compromising the reliability and affordability of the energy system
- In March 2021, we announced a plan to close our Yallourn coal-fired power station in mid-2028. We will do the right thing by our workers. We will support the energy system by building a four-hour utility-scale battery of 350MW capacity (based on forecast assumptions) by the end of 2026 - larger than any battery operating in the world today
- Yallourn's retirement will lower EnergyAustralia's Scope One carbon dioxide emissions by over 60% relative to today, accelerating our transition to net zero emissions by 2050
- We will not build another coal-fired power plant.

Rooftop solar

- EnergyAustralia has installed over 40MW of rooftop solar for use by our customers
- We are active in large commercial and industrial solar, high efficiency LED lighting installations and exploring storage solutions through our investment and partnership with Echo Group
- We are leading a trial of a low-price plan offering customers high quality rooftop solar and battery systems with no upfront cost
- We also offer rewards for those with existing batteries joining our Virtual Power Plant.

Innovation

- We are committed to fostering innovation, partnering with Startupbootcamp to visit 30 cities and assess over 7,900 start-up ventures relevant to Australia's energy sector.
- We are a leader in demand response:
 - EnergyAustralia's demand response capacity now stands at over 110MW. This includes more than 360,000 household customers in our PowerResponse programme
 - Our demand response programs help smooth the transition by lowering peak demand across the energy system, so that it's not necessary to build as much new generation.

Further Information

EnergyAustralia has over 4,500MW in electricity generation capacity in addition to our PPAs, providing dispatchable and affordable wholesale electricity that powers the services we provide our 2.4 million customer accounts.

We will continue to provide detailed disclosures through our parent company CLP Holdings, including the Sustainability Report and Carbon Disclosure Project. The CLP 2018 and 2019 Sustainability Reports won the Australasian Reporting Awards Private Sector Sustainability Reporting Award. The CLP Group has detailed targets under its 'Climate Vision 2050' and supports the Taskforce for Climate-related Financial Disclosures.