

# Australian renewable energy agency wiki





## Overview

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The Australian Renewable Energy Agency (ARENA) is an independent agency of the Australian federal government, established in 2012 to manage Australia's renewable energy programs, with the objective of increasing supply and competitiveness of Australian renewable energy sources.

The Australian Renewable Energy Agency (ARENA) resulted from negotiations within the Australian parliament under the (June 2010–June 2013), with the intention of providing.

ARENA was established with a total funding allocation of \$3.2 billion out to 2020. In the the Labor government deferred \$370 million of the agency's funding.

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ARENA has listed its three investment priorities and addresses key areas that can help create a smooth transition to renewable energy:1. Integrating.

• .

in Australia is mainly based on , , , and generation. Over a third of electricity is generated from renewables, and is increasing, with a target to before 2040. Wind energy and have particularly grown since 2010. The growth has been stimulated by in order to limit the rate of



## Australian renewable energy agency wiki

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### Battery storage

By connecting investment, knowledge and people to deliver energy innovation, we are helping to build the foundation of a renewable energy ecosystem in Australia. We provide funding support for projects involving battery storage ...

### Record funding approved by ARENA for renewable energy projects

The Australian Renewable Energy Agency (ARENA) has marked the start of its second decade by approving record funding towards projects helping to accelerate the renewable energy transition. In financial year 2022-23, ARENA approved funding of \$544.1 million to 60 projects valued at over \$3.5 billion, representing the Agency's largest value of funds approved ...



### National Ultrafast EV Charging Infrastructure Network

The National Ultrafast EV Charging Infrastructure Network project by Evie Networks will be deploying Australia's largest ultra-fast charging infrastructure network. This project will play a significant role in improving Australia's electric ...

### Powerlink Cost-Effective System Strength Study

Need The Powerlink Cost-Effective System Strength Study acknowledges that the transition from fossil-fuelled synchronous generators to



asynchronous renewable energy generating plants has resulted in a reduction in system strength across many areas of the



[Australian Renewable Energy Agency \(ARENA\)](#)

We support the global transition to net zero emissions by accelerating the pace of pre-commercial innovation, to the benefit of Australian consumers, businesses and workers. Seek Funding. We fund projects that can help accelerate ...

**Executive team**

Darren Miller - Chief Executive Officer Darren Miller has been the Chief Executive Officer of ARENA since 2018. Darren has led ARENA through a period of change and renewal in which the agency has been provided over \$2.6 billion over an additional 10 years to



**Record funding for ARENA to supercharge Australia's net zero**

The Australian Renewable Energy Agency (ARENA) welcomes expanded funding and new budget programs announced in the 2024-25 Federal Budget. The Australian Government announced a funding package of \$7.1 billion for budgeted programs to be administered by ARENA including: \$1.9 billion boost to ARENA's





[Australian Renewable Energy Agency \(ARENA\)](#)

The Innovation Bay x Australian Renewable Energy Agency (ARENA) Renewables Startup Showcase is back for our FIFTH YEAR! ? Join us on Thursday November 21 for an unforgettable evening bringing



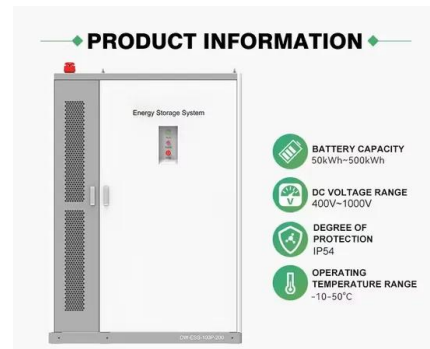
[Australian Energy Update 2024](#)

Australian Energy Update 2024 energy.gov 1 Executive summary o Australia's energy consumption grew 2 per cent in 2022-23, after 3 years of decline o Over two-thirds Australian energy production is exported, including most coal and gas o Renewable



**ARENA Careers**

Home > About ARENA > Careers Careers We offer exciting and rewarding careers for talented individuals who wish to help improve Australia's future through renewable energy. We currently have exciting opportunities available: Assistant Director (Strategy), People



**Board appointments for Australian Renewable Energy Agency**

"ARENA's work is instrumental to advancing emerging renewable energy technologies and innovation in Australia's renewable energy sector," Minister Bowen said. "Justin and Elizabeth's re-appointments to the board ensures certainty as ARENA continues to play a critical role in Australia's energy transition and delivering a Future Made in Australia.



## Decarbonising transport across Western Australia

The Australian Renewable Energy Agency (ARENA) has today announced just over \$21.8 million to three projects, unlocking an investment of \$48.4 million in accelerating the shift to electric vehicles in Western Australia through the Australian Government's Driving the Nation Program. ARENA is support



### [Hydrogen Park Murray Valley Facility](#)

The project will deliver renewable hydrogen to start decarbonising the Albury-Wodonga gas network, which supplies energy to over 40,000 residential, commercial and industrial customers. It is ideally located to supply renewable hydrogen to any future hydrogen refuelling stations along the Hume Hi

## ARENA at a Glance

Alex Campbell tells us why long duration energy storage is an important foundation to Australia's clean energy transition. About ARENA We support the global transition to net zero emissions by accelerating the pace of pre-commercial innovation, to the benefit of Australian consumers, businesses and workers.



## Projects

ARENA supports projects that advance renewable energy technologies from early stage research in the lab, to later stage demonstration projects in the field. ARENA acknowledges the traditional custodians of Country across Australia and their continuing



### What are renewable energy zones, and why do they matter?

Australia is rich in renewable energy resources, but converting the potential into productive renewable energy zones is a big job. A quick glance at a map of the National Electricity Market shows how existing transmission lines connect the historical electricity generating hotspots with the nation's large population centres.



### Australian Renewable Energy Agency , Directory

The Australian Renewable Energy Agency (ARENA) was established by the Australian Government to improve the competitiveness of renewable energy technologies and increase ...



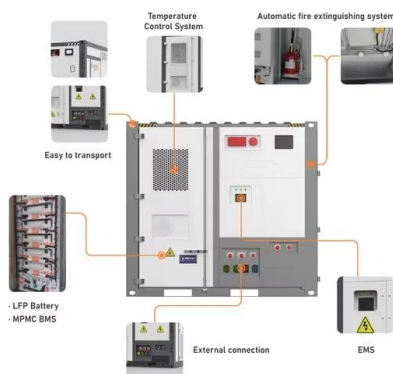
### [Australian Renewable Energy Agency](#)

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### [New members announced for ARENA's Board](#)

The Australian Renewable Energy Agency (ARENA) welcomes the announcement by the Minister for Climate Change and Energy, the Hon Chris Bowen MP of the appointment of a number of key appointments to ARENA's Board. Justin Punch, who joined ARENA's board in 2020, has been re-appointed as Chair fo





### [Sustainable Aviation Fuel Funding Initiative](#)

Australia's bioenergy sector. In November 2021, the Federal Government allocated \$30 million of funding to the Australian Renewable Energy Agency (ARENA) to support the development of an advanced biofuels sector. Following stakeholder the scope of



### **ARENA backs eight grid scale batteries worth \$2.7 billion**

On behalf of the Australian Government, the Australian Renewable Energy Agency (ARENA) has today announced \$176 million in conditional funding to eight grid scale battery projects across Australia. Funded under ARENA's Large Scale Battery Storage Funding Round, each battery will be equipped with grid-forming inverter technology, allowing them to ...

### [Origin to accelerate electric fleets](#)

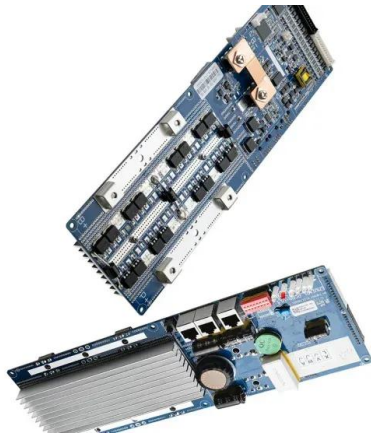
On behalf of the Australian Government, the Australian Renewable Energy Agency (ARENA) has today announced almost \$6.2 million in funding to Origin Energy for the Accelerate EV Fleet Program. The \$12.8 million program will see Origin deliver 1000 electric vehicles and charging infrastructure to business customers nationally.



### [Renewable energy in Australia](#)

OverviewGovernment policyTimeline of developmentsBy typeAcademic literatureMajor renewable energy companiesSee alsoFurther reading

Renewable energy in Australia is mainly based on biomass, solar, wind, and hydro generation. Over a third of electricity is generated from

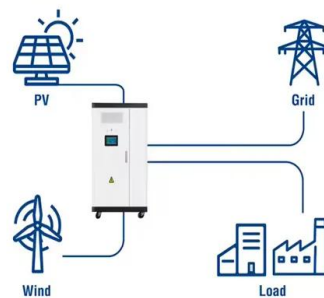


renewables, and is increasing, with a target to phase out coal power before 2040. Wind energy and rooftop solar have particularly grown since 2010. The growth has been stimulated by government energy policy in order to limit the rate of climate change in Australia

### Renewables

Renewable energy sources accounted for 9% of Australian energy consumption in 2022-23. Renewable electricity generation has more than doubled over the last decade, but combustion of biomass such as firewood and bagasse (the ...

### Utility-Scale ESS solutions



### Australian Renewable Energy Agency , Department of Finance

LegislationThe Australian Renewable Energy Agency (ARENA) was established on 1 July 2012 by the Australian Renewable Energy Agency Act 2012 (ARENA Act). The ARENA is a corporate Commonwealth entity for the purpose of the Public Governance, Performance and Accountability Act 2013.

### Yara Pilbara Renewable Ammonia Feasibility Study

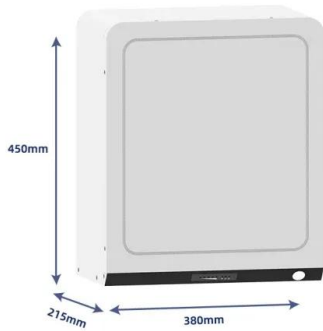
Report: ENGIE-YARA Renewable Hydrogen and Ammonia Deployment in Pilbara This report details proceedings on the demonstration-scale renewable hydrogen and renewable ammonia production and export facility on the Burrup Peninsula, Western Australia.





### [Kidston Pumped Hydro Energy Storage](#)

Need The Kidston Pumped Hydro Energy Storage project acknowledges that as the share of variable renewable energy in Australia's power system continues to grow, large-scale storage will play a key role in ensuring ...



### [Australian Renewable Energy Agency \(ARENA\)](#)

ARENA is the Australian Renewable Energy Agency. Our purpose is to support the global transition to net zero emissions. We do so by accelerating the pace of pre-commercial innovation. This



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