



As the crow flies

(Straight to the point)

December, 2020

THE GOOD NEWS EDITION POLITICS AND POLICIES

[First and most importantly, Trump lost, even if he never going to admit it.](#)

That's important for us because it puts pressure on our Federal Government to stop trumping about with its energy policies and join the rest of the world, including the Joe Biden administration.

As well as [Biden's promise to rejoin the Paris Accord on Day 1 of his presidency](#), [John Kerry has been appointed as Biden's Climate Change supremo](#). Kerry is a no fuss environmental activist, which makes the screen shot on the right from the ever reliably climate science denying Australian newspaper even more seasonally joyous. (Just to be clear, the real Australia (not the newspaper) needs John Kerry a lot.)



The Biden adviser Australia doesn't need

John Kerry will create problems for Australia and the Morrison government as a consequence of his brief from ­incoming US president Joe Biden.

[UK vows to outdo other economies with 68% emissions cuts by 2030.](#)

[UK to stop funding overseas fossil fuel projects.](#) Move follows EU member states' agreement to 55% cut in carbon emissions by 2030 on verge of interim climate summit

[Denmark bans new offshore oil & gas licenses, phases out production by 2050.](#) Other notable bans on off-shore oil and gas include New Zealand - France - Costa Rica - Spain - Ireland – Italy

[Queensland to trial five fuel cell cars powered by local green hydrogen.](#) The Queensland state government will trial five hydrogen fuel cell electric vehicles (FCEVs) powered by "home-grown" hydrogen to help underpin development of a local hydrogen industry.

[NSW's clean energy plan means the federal government is even more isolated on fossil fuels.](#) Angus Taylor's dire warnings about abandoning coal are going unheeded as the states forge their own path towards renewables

[New Zealand declares a climate change emergency.](#) Jacinda Ardern calls climate change 'one of the greatest challenges of our time' and pledges carbon-neutral government by 2025

[United Nations urges world leaders to declare a state of climate emergency.](#) World leaders should declare states of "climate emergency" in their countries to spur action to avoid catastrophic global warming, UN Secretary-General Antonio Guterres has told a climate summit.

[China could add 48 GW of solar next year.](#) As it gears up for net zero by 2060, China will add -> 34-38 GW of solar this year -> 42-48 GW next year Then: -> 81GW /year by 2025

SCIENCE AND TECHNOLOGY

[Toyota's game-changing solid-state battery en route for 2021 debut](#). 500 km on one charge - Recharge from zero to full in 10 minutes

[Solar powering Junee Community Centre](#). The installation of the 8kW solar PV system on the Junee Community Centre's new operational center in Lorne Street is an important step in building community resilience.

[Airbus Bets on Hydrogen to Deliver Zero-Emission Jets](#). The European planemaker has given itself five years to develop an aircraft that doesn't pollute the sky.

[After COVID-19, Here Comes More & Better Farming With Solar Panels](#). Raise the solar panels just a few extra feet off the ground, and you can graze sheep and other animals on the same land. You can also use the land for pollinator habitat

[Renewable energy trial in Victoria's north-east aims to become template for nation](#). A really important trial for this region based on work done by the Yackandanda community.

[Up to 90% of electricity from solar and wind the cheapest option by 2030: CSIRO analysis](#). By 2030 adding new renewable generation to as high as a 90% share of the grid will still be cheaper than non-renewable options, according to new estimates from the CSIRO and AEMO.

[Volvo Australia to electrify range: Hybrid and electric only from 2021, diesels axed](#). Volvo's local range will get a shock in mid-2021, with mild hybrids, plug-in hybrids and full EVs replacing pure petrol and diesel.

MONEY

[OzMin's \\$1 billion nickel mine could be one of world's biggest off-grid renewable projects](#). Australian mining company Oz Minerals says the latest study into its proposed \$1 billion West Musgrave nickel projects in a remote part of Western Australia shows it could be one of the world's biggest off-grid renewable powered mines in the world.

[Queensland zinc refinery commits to 100% renewables](#). The Queensland zinc refiner Sun Metals has announced it will go 100 per cent renewables, and will add further capacity to pursue "green hydrogen" opportunities in transport and export.

[Replacing Liddell with renewables cheaper, cleaner and reliable](#). Investment aligned with the NSW renewables road map will provide a cheaper and lower emissions option to replace AGL's ageing Liddell coal fired.

[Renewables sector rides through pandemic](#). Australia's renewable energy sector has ridden through the Covid-19 pandemic largely unscathed, and the rooftop solar market may even emerge stronger.

[Fortescue leads "stampede" into green energy with stunning plans for 235 gigawatts of wind and solar](#). Fortescue Metals has unveiled stunning plans to build more than 235 gigawatts (GW) of renewable capacity, mostly wind and solar, to become a supplier of green energy and hydrogen.

[AGL to add 200MW big battery with four hours storage at Loy Yang coal plant](#). It is also looking at a 50MW battery at Broken Hill and may also build a big battery of up to 500MW at the site of the Liddell coal generator in the Hunter Valley.

[Commercial Green Hydrogen Just Got A Step Closer](#). This week, the UK and Scottish authorities announced they would fund the world's [first trial of a 100 percent green hydrogen](#) generation, storage, and distribution network to heat 300 homes in Scotland