SOUTH AUSTRALIAN CLIMATE CHANGE ACTION

INTERNATIONAL / NATIONAL DEVELOPMENTS

2001

- Mandatory Renewable Energy Target commences
- National Greenhouse and Energy Rating Act 2001 comes into force

2007

- National Greenhouse and Energy Rating Act gets renewed

2008

- Carbon Pollution Reduction Scheme (CPSR) Scheme Green Paper released
- Garnaut Climate Change Review final report released

2009

- National Strategy on Energy Efficiency released
- Renewable Energy Target (RET) expanded to guarantee at least 20% of national grid electricity by 2020

2011

- Garnaut Review Update released
- National Carbon Pricing Mechanism launched

2012

- National Carbon Pricing Mechanismhas commenced
- Australian Renewable Energy Agency (ARENA) commences operation
- Productivity Commission releases Barriers to Effective Climate Change Adaptation report
- Greenhouse House (Minimum Standards) Act 2012 comes into force

2013

- Clean Energy Finance Corporation (CEFC) commences operation
- Regional Natural Resource Management Planning for Climate Change Program commence

2014

- National Carbon Pricing Mechanism is repealed
- Emissions Reduction Fund (ERF) introduced

2015

- Climate Change Authority releases Special Review—Australia’s Future Emissions Reduction Targets report
- ERM commences with first auction
- Australia’s Intended Nationally Determined Contribution (B2C) submitted to reduce emissions by 28–29% below 2005 levels by 2030
- United Nations Framework Convention on Climate Change (UNFCCC) 21st Conference of Parties in Paris—Universal Agreement on Climate Change

2016

- The Paris Agreement comes into force
- UNFCCC 22nd Conference of the Parties held in Marrakesh, Morocco—Establishment and inaugural meeting of the Climate Action Roundtable of Australian States and Territories

2017

- Australia’s Government National Climate Change Policy Review published
- Independent Review into the future of the South Australian National Electricity Market (Finkel Review)

SOUTH AUSTRALIAN MILESTONES

2003-07

- First wind farm constructed at Sandilands
- Energy Efficiency program for low-income households established
- inaugural Stephen 2007—Climate Change – Opportunity report released
- South Australia Climate Change and Greenhouse House (Minimum Standards) Act 2007 comes into force
- Tackling Climate Change—South Australia Greenhouse House (Minimum Standards) Act 2007/2010 launched
- 2008

- Residential Energy Efficiency Scheme commenced
- New 25% renewable energy generation target by 2020
- Solar Feed-in Tariff schemes introduced
- greenCloud
- 10 Year Plan for Greater Adelaide launched, providing for 2007–2017
- plastic bag ban begins in South Australia
- Renewable SA established
- Water for Good plan released to diversify water supply
- First Climate Change Agreement established by South Australia and industry
- Black Balloons awareness raising campaign
- South Australia member of The Climate Group’s States and Territories Alliance
- Customer deposits levy increased by 10 cents

2009

- promotion launched
- South Australia’s Climate Change Strategy—South Australia
- Renewable Energy House (All Standards) Act 2009 passes Parliament
- Solar Feed-in Tariff schemes expanded
- South Australia’s Climate Change Strategy—South Australia
- Residential Energy Efficiency Scheme commenced
- New 25% renewable energy generation target by 2020
- Solar panels weighing less than 100 kilograms no longer required to apply for planning or building approval
- South Australia’s Climate Change Strategy—South Australia
- Solar panels approved for new and refurbishment of government buildings
- South Australia’s Climate Change Strategy—South Australia
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I think it’s extremely important and it’s extremely impressive that South Australia is now leading the world... Al Gore, Former US Vice-President

“I’m pretty darn impressed with South Australia willing to do a project of this magnitude that is beyond anything else in the world. I do see this as something that the world will look at as an example.” Elon Musk, CEO of Tesla

“You’re at 40% renewable energy now, on the way to 50 and possibly 60. South Australians should be boasting for the world about what you are doing here. I certainly intend to.” Dr David Suzuki, Academic and environmental activist

“South Australia is a global leader in the transition to clean, reliable and affordable renewable energy and storage technology and should be commended.” Tim Flannery, General, First, and conservationist

“Tackling climate change creates great opportunities for those of us taking early action. More and more states and regions, like South Australia, are taking many actions to simultaneously tackle climate change, attract investment and create jobs.” World leaders have a responsibility to put the world, and the global economy, on track for a low carbon future.

Jay Weatherill
Premier of South Australia

OUR LOW CARBON FUTURE

South Australia is a place where people and business thrive. We are open for investment in a low carbon future. We are promoting investment in low carbon industries and renewable electricity generation and storage. We are transforming to renewable and clean technologies, and we are among the states for our state to have net zero emissions by 2050. Our $500 million energy plan is taking charge of our energy future, delivering reliable, affordable and clean power for South Australians, and setting an example for the world.

- We are building a 150MW solar thermal plant – the largest of its kind in the world – in Port Augusta to supply all of the Government’s power needs, with the project set to boost market competition and put downward pressure on power prices.
- We have established a $150 million fund to support projects that make renewable energy available to power the state when it is needed.
- The first project is building the world’s biggest lithium-ion battery with Neoen and Tesla—beginning the transformation of South Australia’s energy grid to the next generation of renewable energy storage technologies. Other projects may involve large-scale bioenergy, hydrogen and bulk storage.
- Our plan reveals a Hydrogen Roadmap for South Australia that sets out clear pathways to capitalise on our States’ competitive advantages and make South Australia’s transition to being a clean, safe and sustainable producer, consumer and exporter of hydrogen.

We’re aspiring to make Adelaide the world’s first carbon neutral city. To do this, we need to rapidly reduce Adelaide’s carbon emissions—and we are working in partnership with the City, community and business to achieve this. We are making Adelaide an even better place to work and live—building on our reputation of a city that is green, smart, creative and livable.

INTERNATIONAL

The Paris Agreement, signed by over 190 countries and already ratified by over 130 signifies the start of an unstoppable global shift to low carbon economic development. South Australia’s Premier Jay Weatherill is a co-chair of the Under2 Coalition, which continues to accelerate the global transition to a low carbon economy. South Australia is a member of the Under2 Coalition, which provides a global forum for sub-national governments to work together towards the shared goal of keeping global temperature increase below 2 degrees. They set the tone for bold climate leadership and provide an effective global partnership model for parties to the UNFCCC. Through the Under2 MoU, sub-national governments have committed to pursuing emission reductions consistent with a trajectory of 80-90% below 1990 levels by 2050 and/or achieving a per capita annual emission goal of less than 2 metric tons by 2050.

FUTURE DIRECTION

SOUTH AUSTRALIA

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RENEWABLE ENERGY GROWTH

South Australia has already shown that it is possible to decouple economic growth from greenhouse gas emissions, and continues to pursue initiatives that will help the nation and the world transition to a low carbon economy.

Continuing to lead this transition will position South Australia at the forefront of research and innovation, attracting investment and creating jobs for the future.