

Wind Farms and Climate Change

As a signatory nation to the Paris Agreement, Australia has committed to the United Nations emissions reduction targets. If the planet is to avoid reaching 1.5°C of warming, it is vital that these targets are met.

Australia's Emissions Reduction Targets:

43% emissions reduction by 2030

Net-zero emissions by 2050

Victoria's Emissions Reduction Target:

65% emissions reduction by 2030

95% reduction by 2035

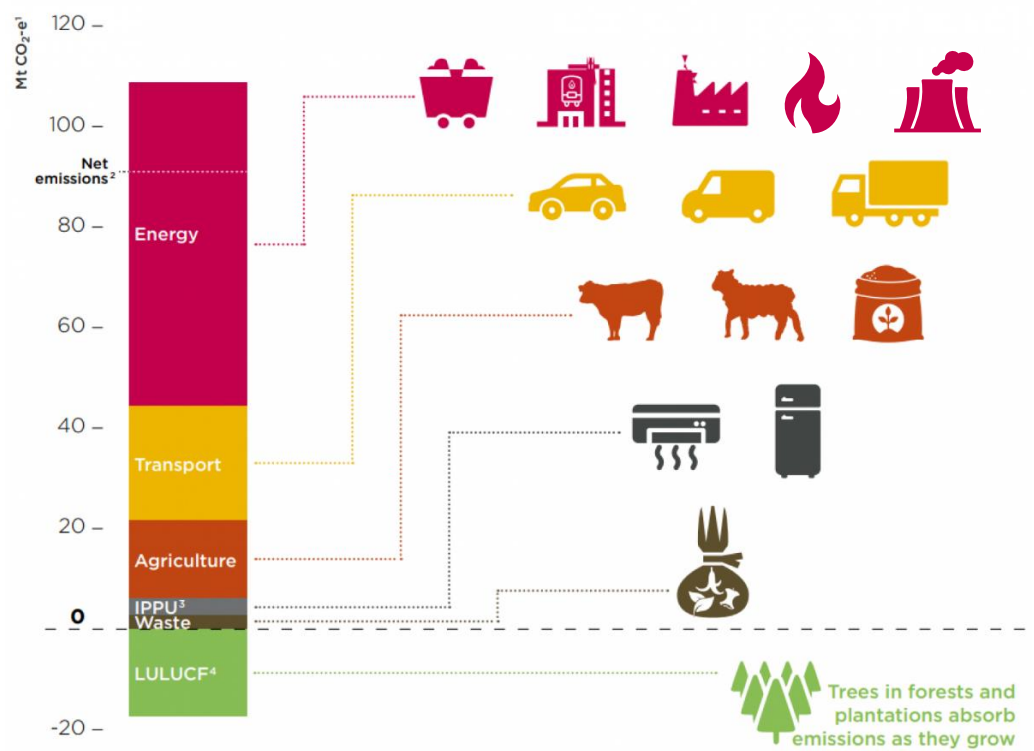
If Victoria is to meet this target, it must add:

4,000 MW of renewable capacity by 2030

18,300 MW of renewable capacity by 2040

Renewable energy currently generates 38% of Victoria's energy. Fossil fuel combustion generates the other 62%.

These fossil fuels produce the majority of Victoria's carbon emissions.



Every large turbine installed adds 7.2 MW of clean energy to Victoria's electricity grid.

This is the carbon reduction equivalent of planting more than 164,000 trees or taking 4,200 cars off the roads.

Sources:

- <https://www.energy.vic.gov.au/renewable-energy/our-renewable-energy-future>
- https://www.energy.vic.gov.au/_data/assets/pdf_file/0022/603274/victorian-electricity-sector-renewable-energy-transition-energy-market-modelling.pdf
- <https://www.energy.vic.gov.au/renewable-energy/victorian-renewable-energy-and-storage-targets>



Scan here for more information.