



Australian Government  
Clean Energy Regulator

RENEWABLE  
ENERGY  
TARGET

# Long term renewable energy trends

Mark Williamson, Executive General Manager

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# Overview

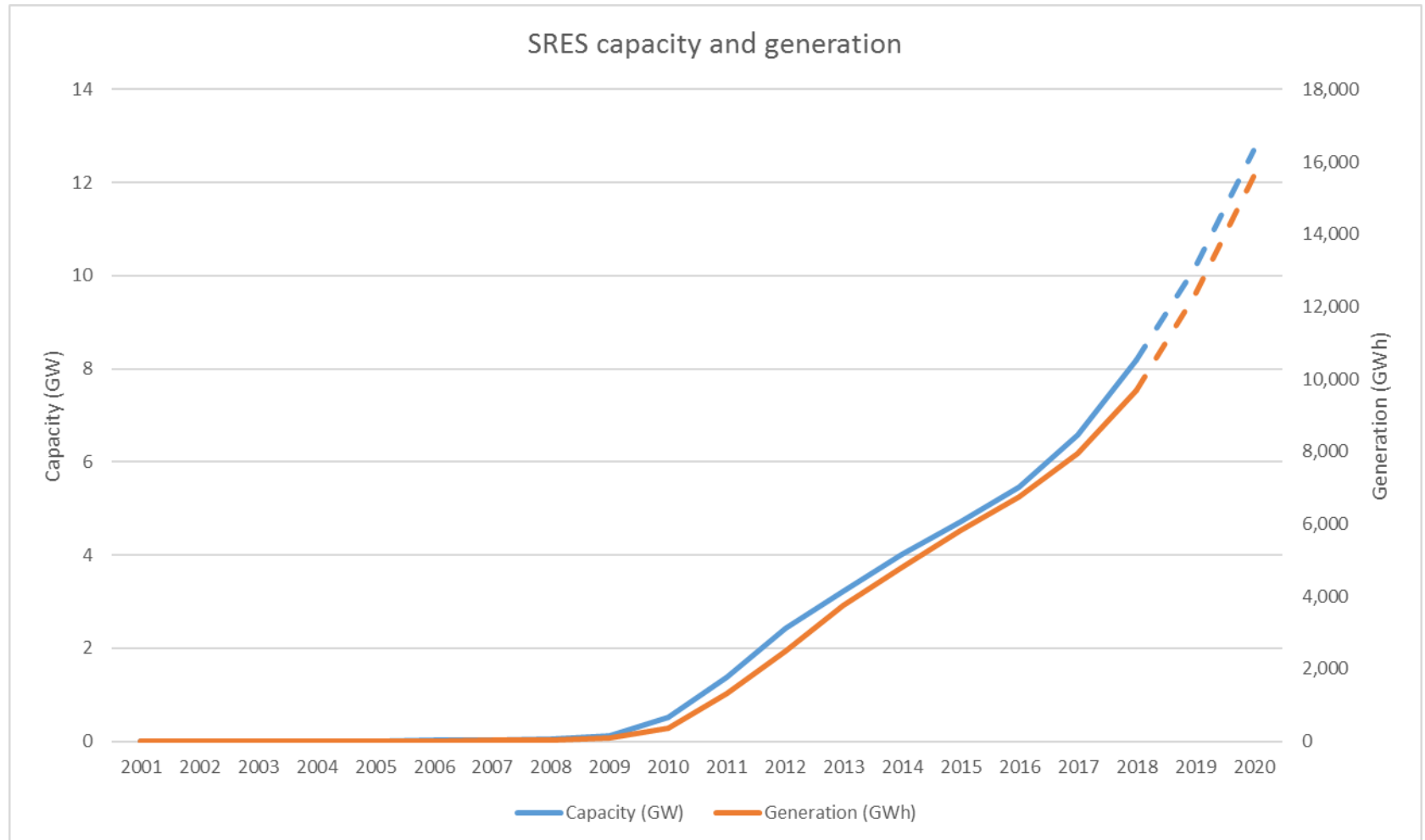
- > Renewable energy: capacity and generation in the Small-scale Renewable Energy Scheme and the Large-scale Renewable Energy Target
- > Trends in costs of renewables
- > Australia's renewable energy industry is delivering rapid and deep emissions cuts
- > Conclusion

# ANU Energy Change Institute: Australia's renewable energy industry is delivering rapid and deep emissions cuts

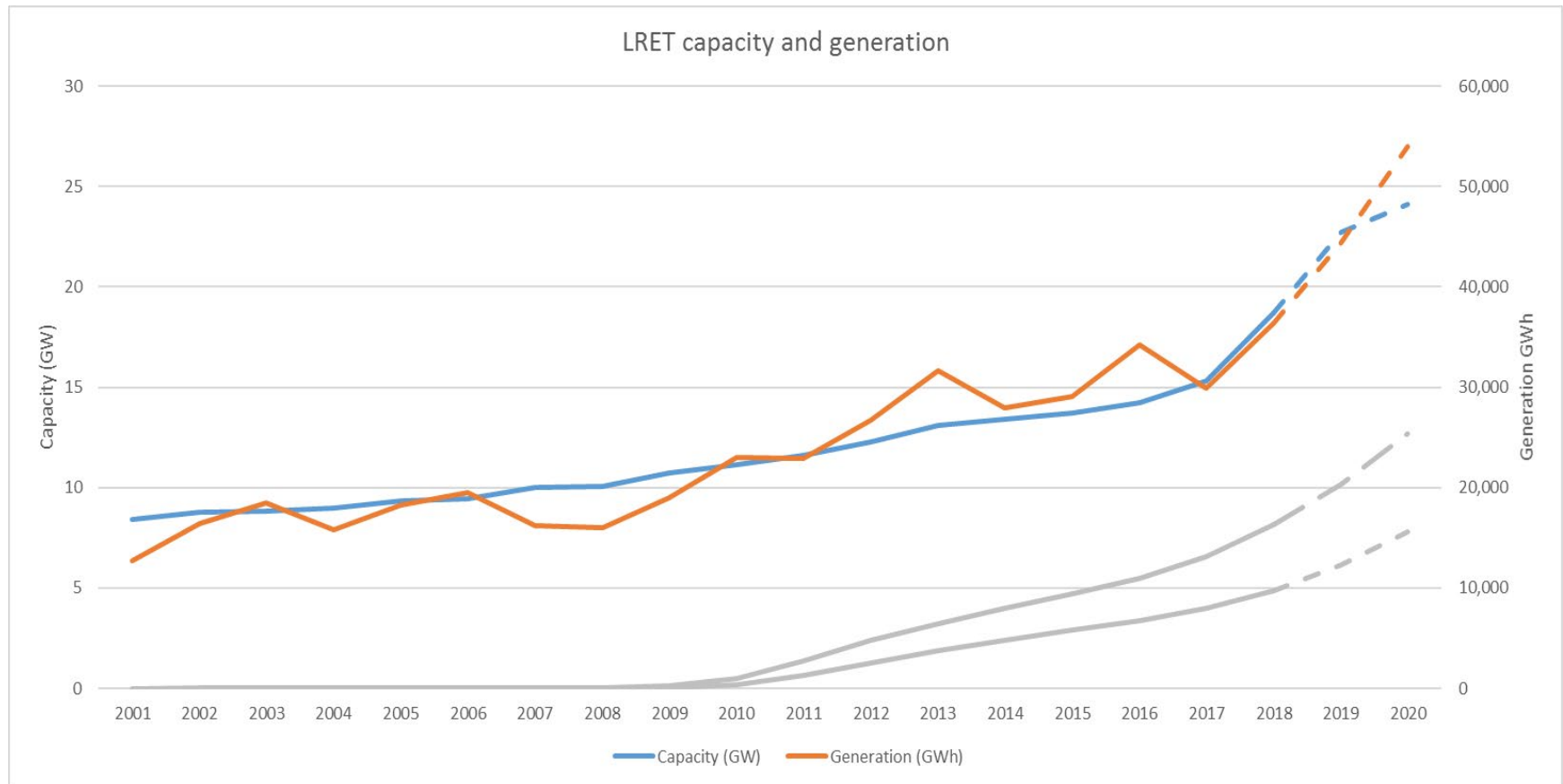
Ken Baldwin, Andrew Blakers and Matthew Stocks - 10 September 2018

*If industry is able to continue to deploy wind and PV at the current rate into 2020 and beyond then Australia will meet its entire 26 per cent Paris emission reduction target for the whole economy in 2024/25.*

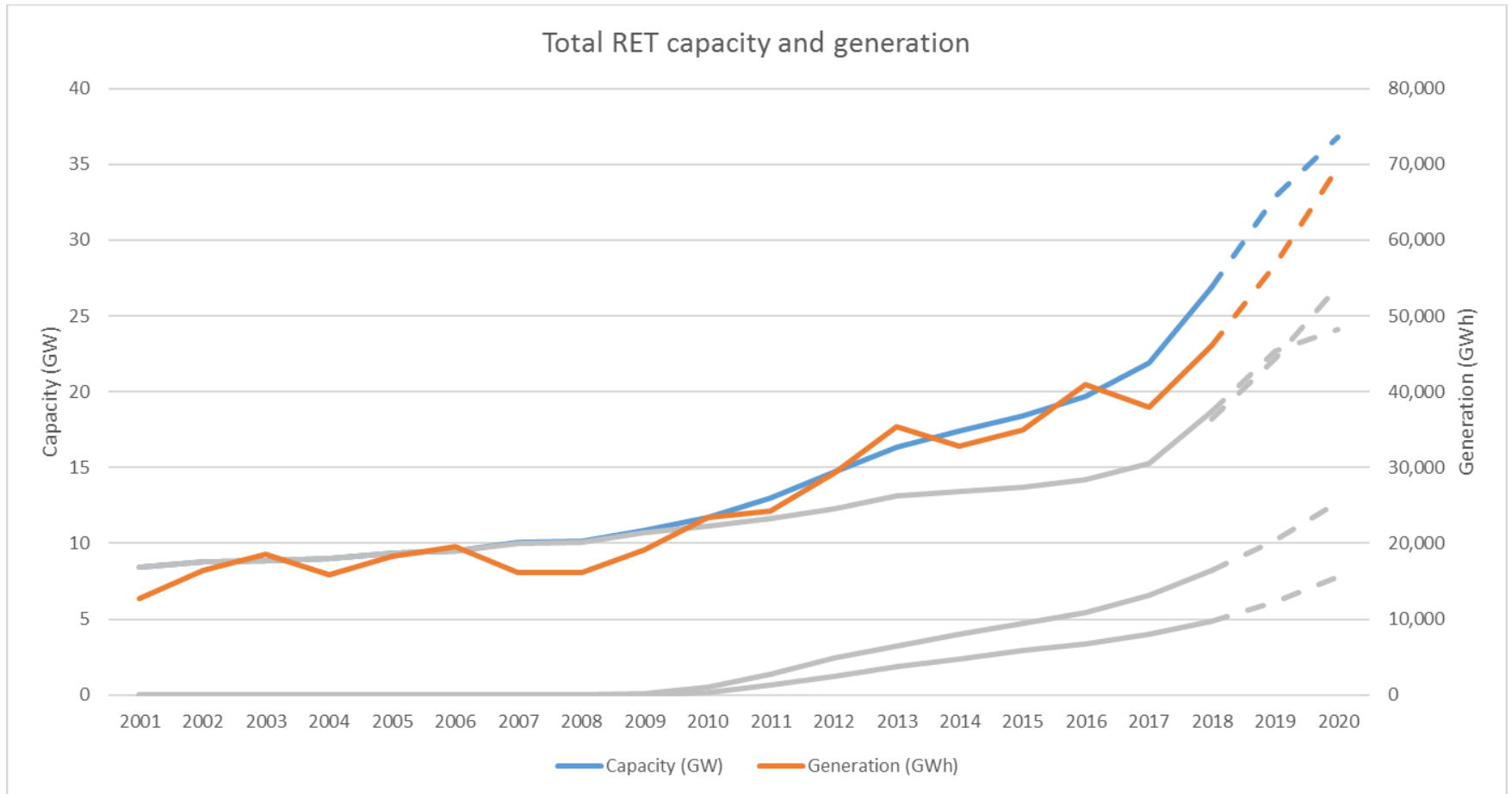
# Renewable energy: capacity and generation



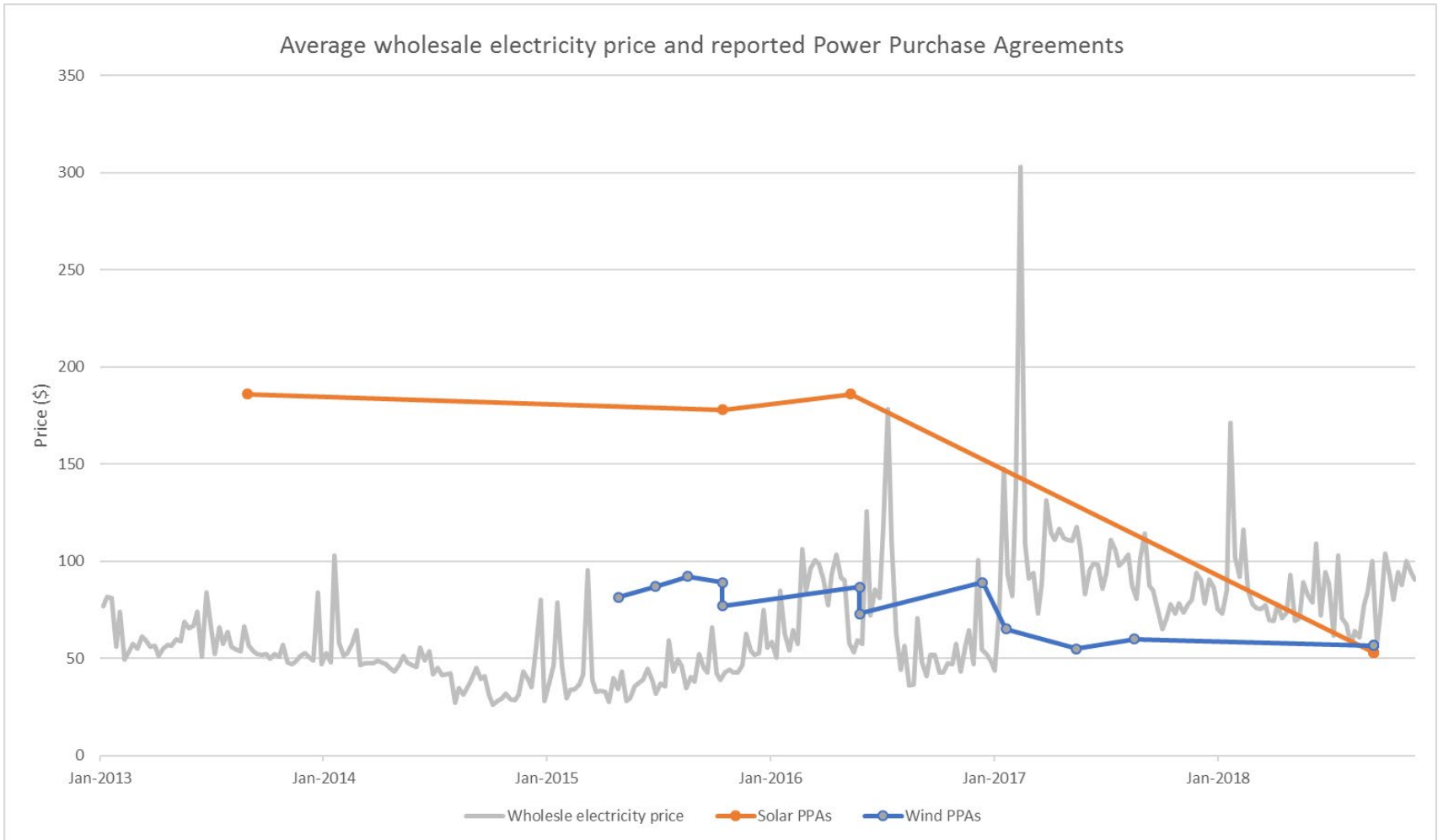
# Renewable energy: capacity and generation



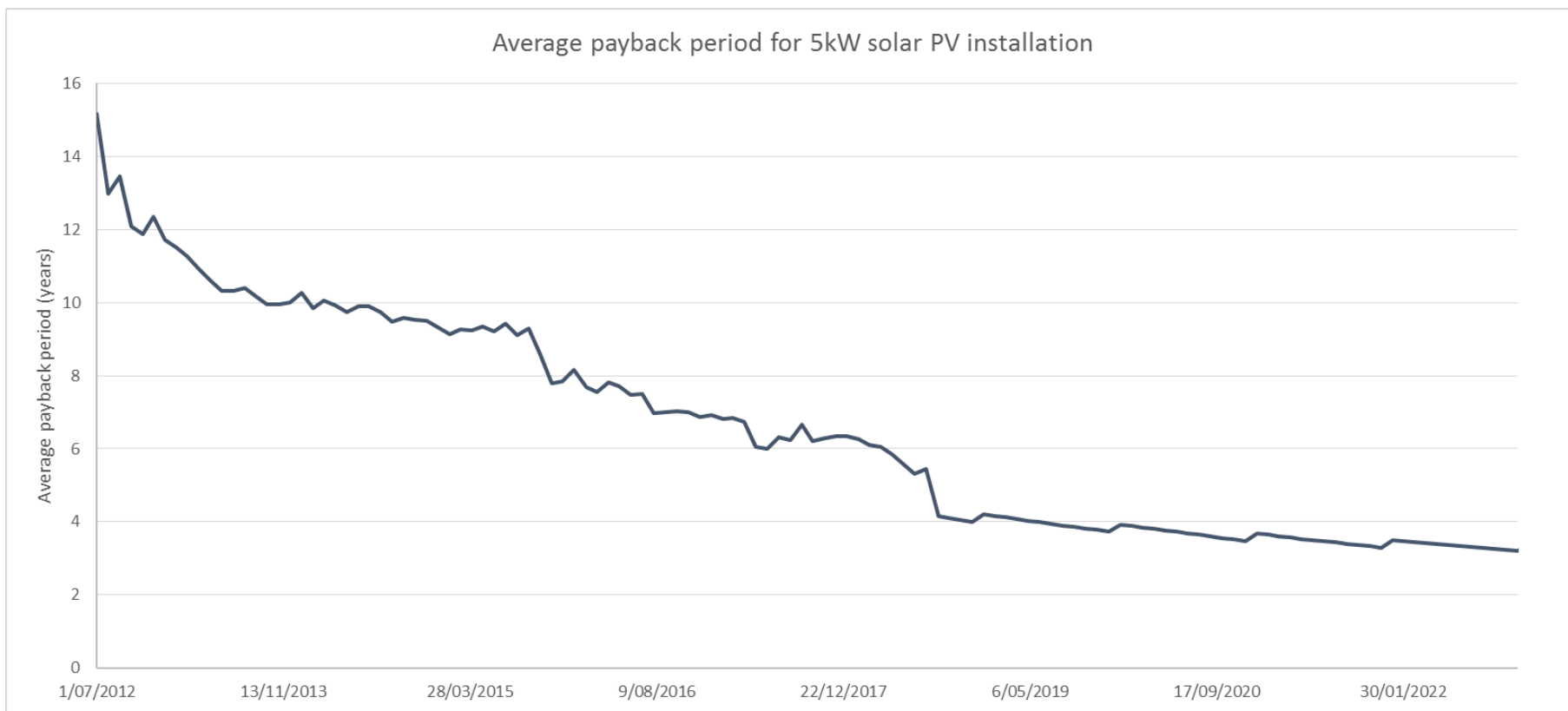
# Renewable energy: capacity and generation



# Trend: power purchase agreements



# Trend: Solar PV payback period

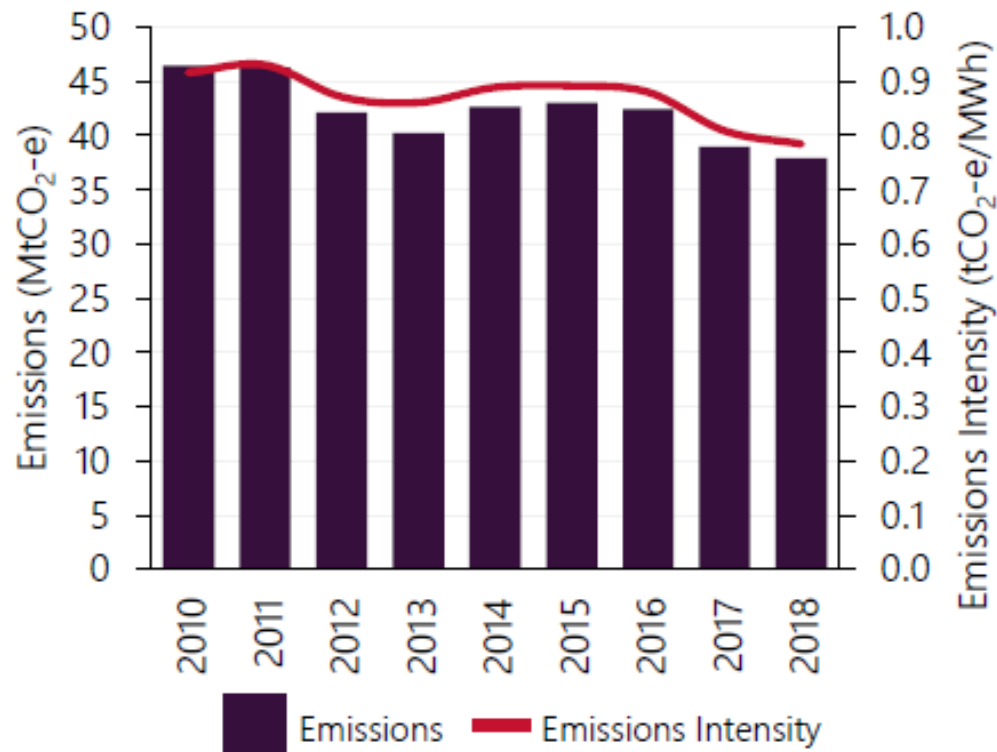




# “Renewable energy in the NEM reached record quarterly levels”

AEMO Quarterly Energy Dynamics – Quarter 3 2018

Figure 8 NEM Q3 emissions and emissions intensities



# Resources

- **Large-scale Renewable Energy Target market data**

<http://www.cleanenergyregulator.gov.au/RET/About-the-Renewable-Energy-Target/Large-scale-Renewable-Energy-Target-market-data>

- **RET media resources**

<http://www.cleanenergyregulator.gov.au/Infohub/Media-Centre/Resources/ret-media-resources>

# Contact

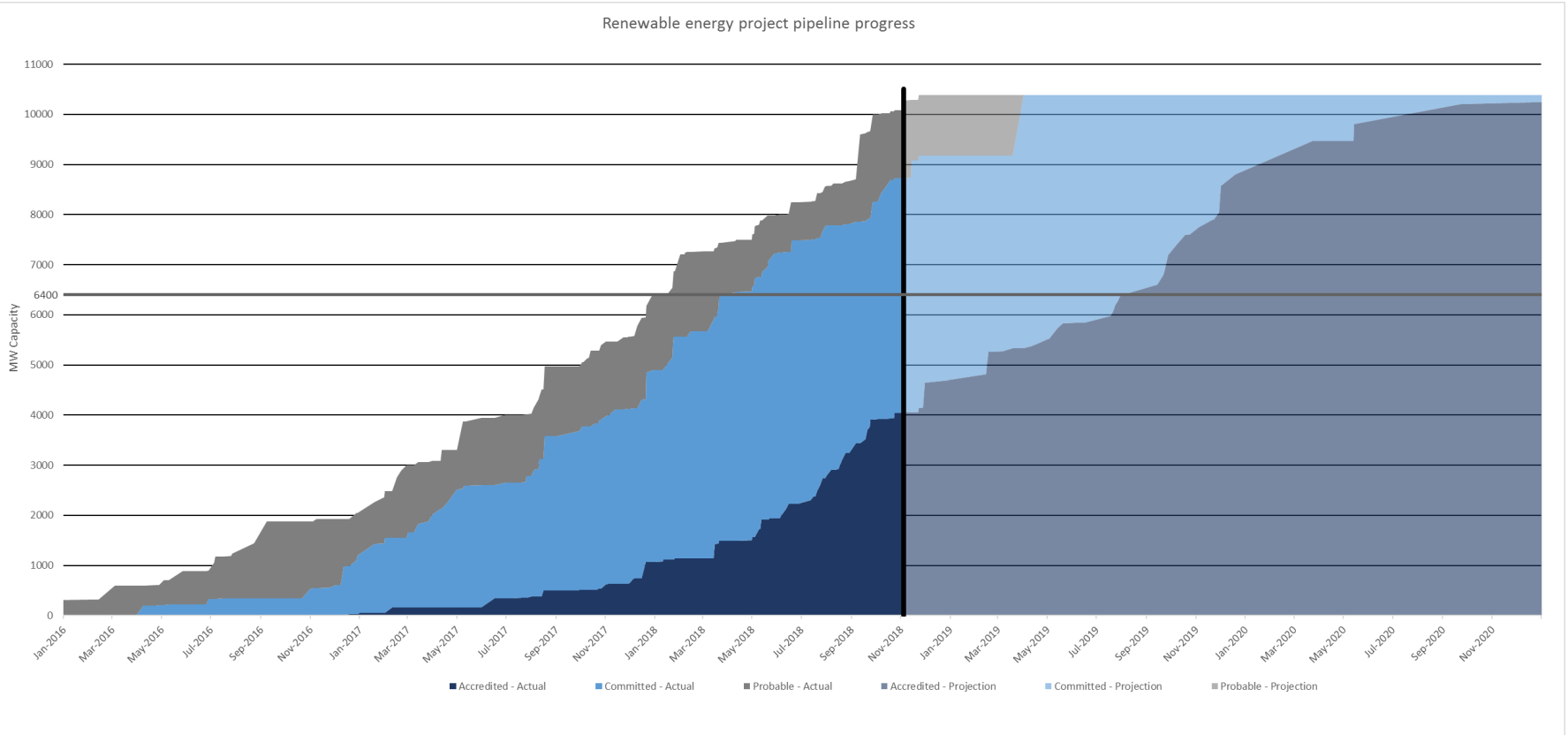
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# Renewable energy project pipeline progress



# Solar PV capacity growth

