

Australia reaches a new benchmark of over 25GW of solar installed across the nation

With over 25GW of solar installed by the end of 2021, Australia remains in the top ten countries worldwide for annual growth and total solar installations.

Australia holds this remarkable position as a result of the investment of over 3 million households and small businesses who are powering their own needs from rooftop solar. This is complimented by a growing number of large-scale installations, each sized to power hundreds or thousands of homes and businesses with clean, green energy.

Renate Egan, APVI Secretary, said “ with a population of 25.7 million people, and at least 25.4GW of solar installed, Australia has now increased its leadership in installed solar per capita, with close to 1kW per capita installed solar. Well ahead of the rest of the world”

At the end of 2020, Australia had over 800W of solar installed per person – ahead of the next nearest nation, Germany with 650W per person. By the end of 2021, with 25GW of solar installed, Australia has nearly 1000 W or 1kW per person.

“We have seen ongoing, strong growth in solar in Australia, with an astounding 25% growth rate” said Professor Egan. “this is likely to increase Australia’s leadership in solar per capita, well ahead of other leading solar nations.”

The industry faced challenges in 2021 with covid-lockdowns and module supply. Yet solar PV remains the lowest cost for any new energy generation and is a popular investment with homes and businesses as a way to control their energy bills and to make progress toward a zero emissions economy.

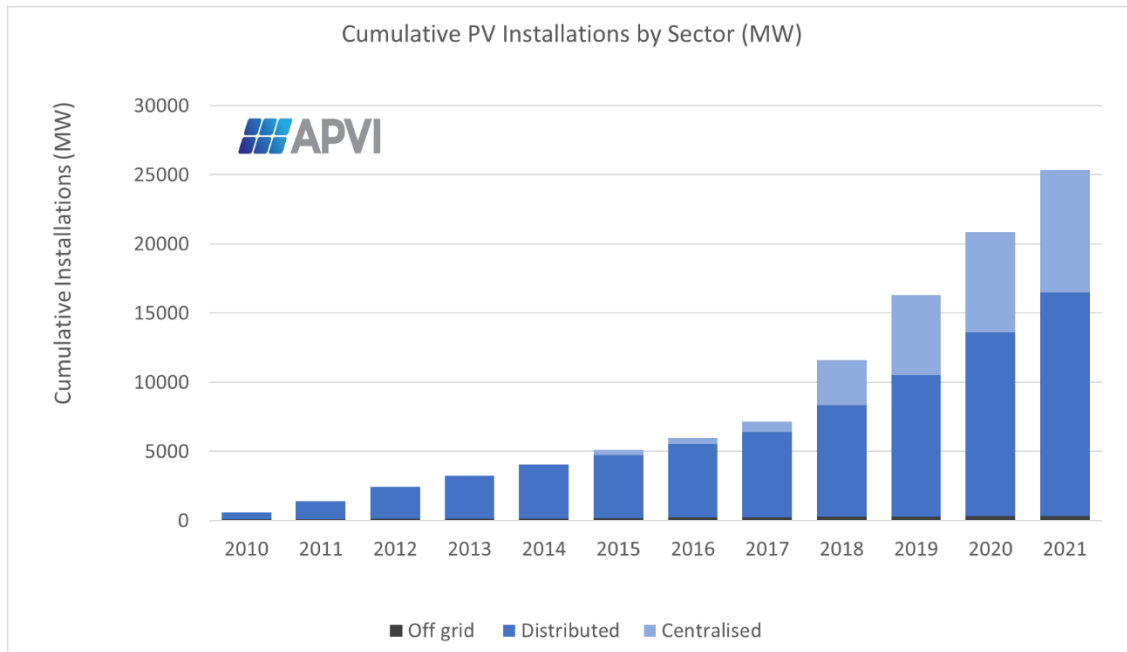
The average system size installed in the ‘small scale’ solar category has grown to 8.8kW, which will cost only \$7,000-\$10,000 for a quality system and will have a return on investment of close to 20%.

“There's nearly nowhere better to put your money than into a rooftop solar installation, if you can. “ said Professor Egan.

In 2021, we saw over 4.5 GW of solar installed on over 350,000 homes and businesses, creating over 25,000 jobs in sales and installation.

The APVI (Australian Photovoltaics Institute) reports uptake of solar PV across the nation in a series of accessible graphs and data sets.

For more information and the latest insights follow the APVI on social media, or access the data at <https://pv-map.apvi.org.au/>.



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About the APVI

The Australian PV Institute is a not-for-profit, member based organisation which focuses on data analysis, independent and balanced information, and collaborative research. Our objective is to *support the increased development and use of PV via research, analysis and information*. The APVI promotes solar through its live solar mapping platform [<http://pv-map.apvi.org.au>], the national solar research conference and Australia's participation in two International Energy Agency (IEA) programs – PVPS (Photovoltaic Power Systems) for solar photovoltaics and SHC (Solar Heating and Cooling), concerned with new solar thermal products and services.

www.apvi.org.au

25GW!

AUSTRALIA REACHES A NEW MILESTONE
OF 25GW OF SOLAR

More solar per capita than anywhere else in the world

APVI SOLAR PV STATUS



AUSTRALIAN
PV INSTITUTE

25

TOTAL SOLAR INSTALLS **DOUBLES** EVERY THREE YEARS!

10 DAYS OF SOLAR



10

5

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2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021

