



Reclaim PV Recycling
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Media release

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Reclaim PV Recycling secures lease and development approval to establish first solar panel recycling site at Lonsdale, South Australia, calls for end-of-life solar panels and collection network partners

Reclaim PV Recycling (Reclaim PV) has today announced it has committed to a long-term lease and has obtained development approval for the establishment of a solar panel recycling facility at Lonsdale, South Australia.

Securing this site marks a significant milestone for Reclaim PV in the establishment of Australia's first national solar panel recovery and recycling network, with further facilities to be established in the other major metropolitan areas in the next one to two years.

Reclaim PV is simultaneously securing environmental licenses to conduct full scale recycling operations at an initial rate of 70,000 panels per annum and is putting the call out for end-of-life solar panels from anywhere in Australia. Reclaim PV is also seeking to partner with Australian businesses that are interested in joining the national network as a drop off point. Enquiries can be made via the Reclaim PV website at www.reclaimpv.com

In the meantime, Reclaim PV has been collecting solar panels so that it can commence recycling operations as soon as the facilities are operational. Reclaim PV already has circa 70,000 panels partly processed at its Lonsdale site and its leased warehouse in Brisbane.

According to Clive Fleming, Director of Reclaim PV Recycling, "This is an exciting time for Reclaim PV and the PV industry, which is in need of a nation-wide approach to managing the replacement and recycling of faulty, non-performing and end of life solar panels."

Australia's rooftop solar installations are the highest in the world (on a per capita basis), with approximately 50 million or 18.5giga watts (GW) installed so far (as of 30 September 2020) and research is suggesting that there will be more than 1 million panels requiring replacement annually by 2031.



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Mr Fleming said, “The establishment of a national recovery and recycling network is an absolute necessity for the PV industry and for Australia which already has a solar panel disposal challenge on its hands. Reclaim PV is committed to providing an end-to-end solution to meet this challenge and to the responsible recovery and recycling of end-of-life solar panels.”

Reclaim PV is engaging with industry, commercial users of solar panels and all levels of Government to introduce sustainable recovery and recycling practices across the whole supply chain to support the circular economy.

According to Mr Fleming, “Waste is never waste. It is a resource and we just need to treat it as such. This is the key concept of the circular economy – that nothing is wasted and everything is re-used as part of a continuous cycle. But this doesn’t work unless we’re all playing our part.

Our vision is for Reclaim PV to be the catalyst to bring Government, businesses and consumers together in this relatively young industry to both create and accelerate the end-to-end recovery and recycling of solar panels. Together, we can make a significant difference for many generations to come.”

If you have end-of-life solar panels that need collecting and recycling or are interested in joining the national drop off and collection network, enquire now via the Reclaim PV website at www.reclaimpv.com

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About Reclaim PV

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Reclaim PV Recycling is an Australian owned and operated solar panel recycling company that aims to ensure 100% recycling of materials and that no material is dumped in landfill through innovative and cost-effective collection and recycling services in Australia.

Reclaim's robust recycling process utilises Pyrolysis - a well-known thermal deconstruction technique - to break down and pull apart PV panels into their component parts by passing them through a high-temperature furnace. Upon completion of the thermal extraction process, the recovered components are sorted and placed into collection bins for delivery to materials companies, ensuring all recoverable materials are available for re-use.