



Australia's most advanced solar panel recycling facility

Sircel is launching a world-class solar panel recycling facility, the first of its kind in the southern hemisphere. Located in Parkes, NSW, our new facility will recover valuable commodities to be redirected back into the circular economy.

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Better for business, the community and the planet

An ethical solution for end-of-life solar

Solar manufacturers, retailers and wholesalers, and solar farms are faced with a huge dilemma: what do we do with our old panels when they need an upgrade?

Until now, the vast majority of defunct solar panels have ended up in landfill.

As the only e-waste processing business with sites right across the East Coast of Australia, Sircel can work with you to deliver a recycling solution consistent with your green credentials and environmental commitments.

Process

We have the expertise and established processing capabilities to receive all types of solar panels.

We accept whole, damaged or undamaged panels at our facilities in Parkes, Yatala and Dandenong.

Our state-of-the-art automatic processing line at Parkes will de-frame and de-laminate the panels, up to 2100 x 1090mm in size.

Whole panels will be de-framed and de-laminated, allowing us to recover valuable commodities such as aluminium, glass, silver and copper. These green materials are redirected back into the circular economy.

Pricing

Call your Sircel sales representative to discuss your requirements and associated pricing.

The solar panel tsunami

There are more than 1.3 mil tonnes of solar panels in Australia. Our abundance of sunshine and strong government solar rebate schemes has led to high adoption rates. However, we are fast approaching a major transition point as first-generation solar installations (i.e. 20+ years old) reach end-of-life.

Currently, only 15% of solar panels are recycled in Australia

Typically, the aluminum frame and junction box are recovered – the remaining material ends up in landfill or is shipped overseas

The amount of e-waste created from solar PV and battery storage is forecast to increase 18-fold by 2030

Our new facility will achieve best-in-class recycling rates

If you have stockpiled obsolete solar panels, or a solar system approaching end of life, please contact Sircel today to discuss the only responsible solution.

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