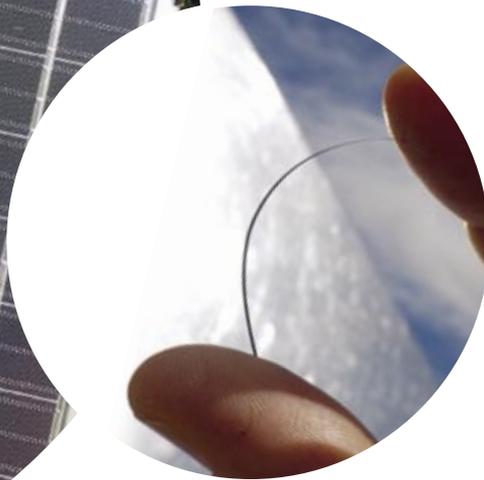


# Revolutionary SLIVER technology



SLIVER® is a new and revolutionary monocrystalline solar photovoltaic (PV) technology which offers up to 90% silicon savings.

Less silicon means SLIVER technology can reduce manufacturing costs and the reliance on tight silicon supplies. Origin Energy Solar is now producing SLIVER modules at its US\$15M manufacturing plant in Adelaide, South Australia.



SLIVER cells are micro-machined to 50 microns thick from monocrystalline silicon. This thinness substantially reduces silicon use and opens up exciting possibilities for future products.

  
**SLIVER**  
TECHNOLOGY



By spacing SLIVER cells, semi-transparent panels can be designed for use on skylights or windows. Panels with coloured backgrounds can match sensitive heritage locations to minimise visual impact, or create innovative designs featuring logos or pictures.

## SLIVER® Modules for the Future

### Up to 90% Less Silicon

By using substantially less silicon, SLIVER technology is well placed to meet the cost reduction targets of the industry.

### Monocrystalline

SLIVER technology uses well proven monocrystalline silicon.

### High Efficiency

SLIVER cells' efficiency has been measured at over 19%

### Performance when Partially Obscured

The unique parallel banks of SLIVER cells significantly improve panel output when a SLIVER module is partially covered or shaded.

### Rapid Product Development

Origin Energy Solar has rapidly developed pre-production modules at the SLIVER® manufacturing plant. Since making our first 10W module in December 2004, we have produced 40W, 60W, 70W and a range of innovative modules. We will produce larger modules in 2006.

### Innovative Product Possibilities

Thin, bifacial and flexible SLIVER cells offer possibilities for curved, semi-transparent, flexible or building integrated applications.

## Availability

2005 production is already committed, with large modules to be released in 2006.

## Origin Energy Background

SLIVER® is a registered trade mark of Origin Energy Solar, a wholly owned company of Origin Energy, one of Australia's top 50 listed companies.

Origin is Australia's second largest energy company, providing gas and electricity to over two million homes and businesses in Australia. Origin Energy participates in most aspects of the energy industry including natural gas and oil exploration and production, power generation and energy retailing.

## Contact

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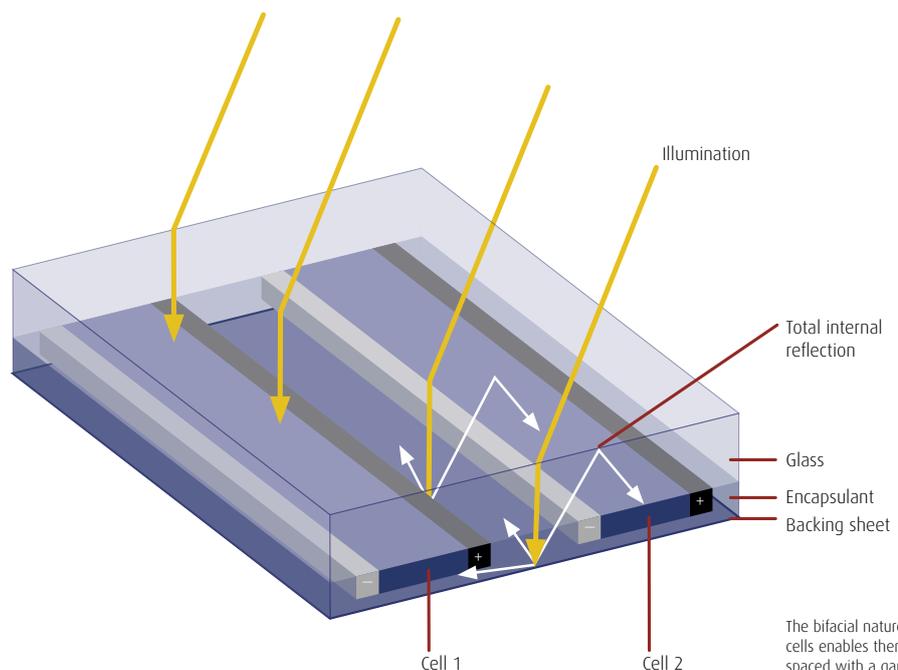
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The bifacial nature of SLIVER cells enables them to be spaced with a gap between them, reducing silicon usage and allowing both faces to capture sunlight.

