

mildura
DEVELOPMENT CORPORATION



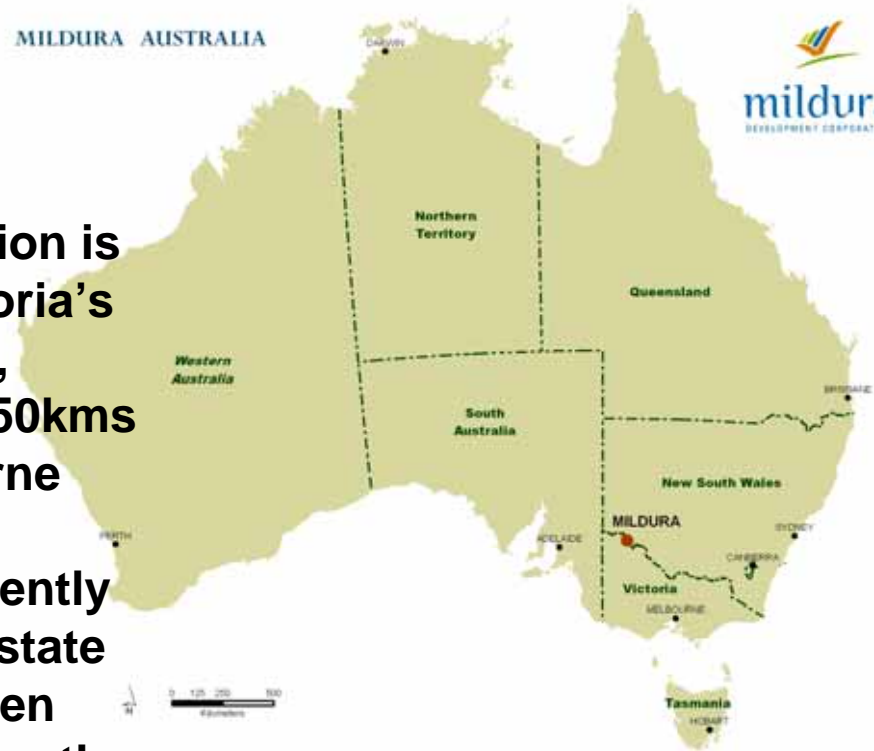
Mildura Region – Clean & Green Solar Industry Focus



The Mildura region is situated in Victoria's north-west, approximately 550kms from Melbourne

We are conveniently located in a tri-state region between Victoria, New South Wales and South Australia.

MILDURA AUSTRALIA



Mildura Region – Clean and Green Solar Industry Focus

Solar Power - a very significant contributor to the future of the Mildura region

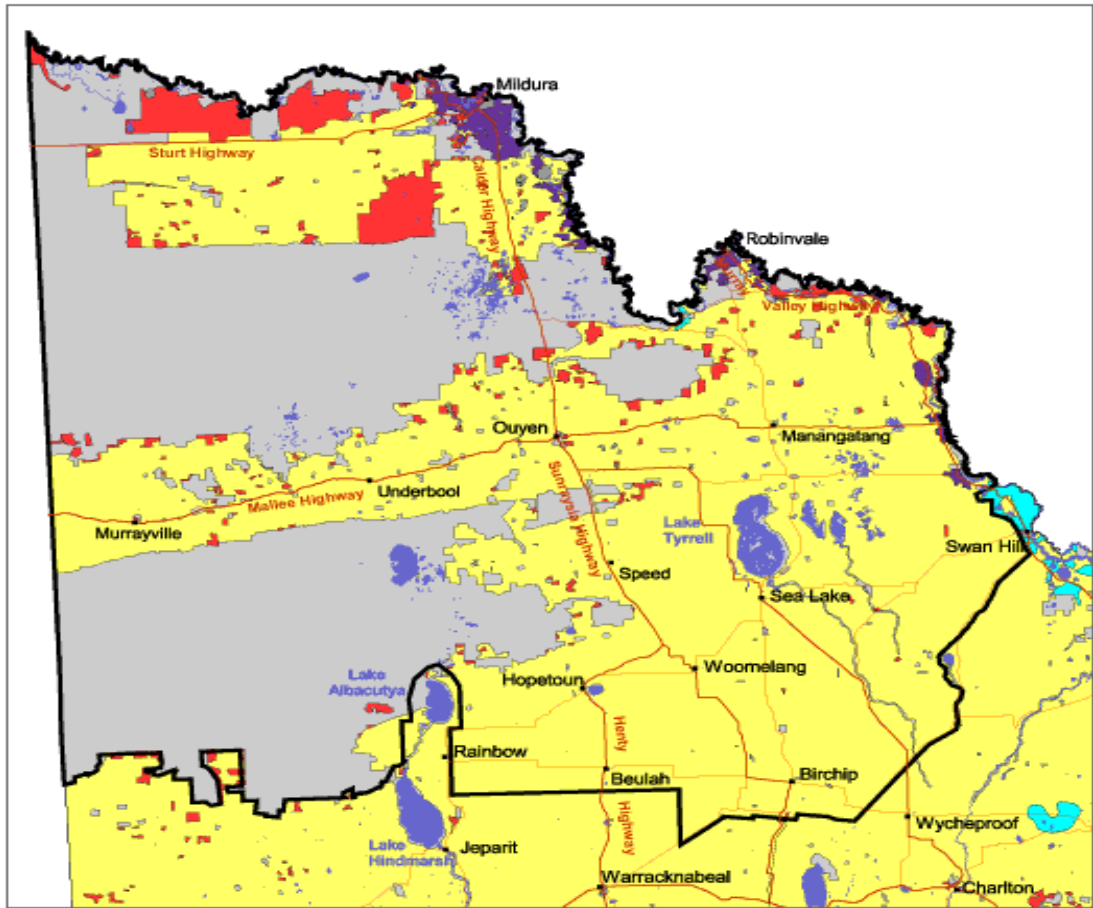




The Mildura region generates \$2.8 billion per annum as a peak primary production region and is known for its clean and green commodities

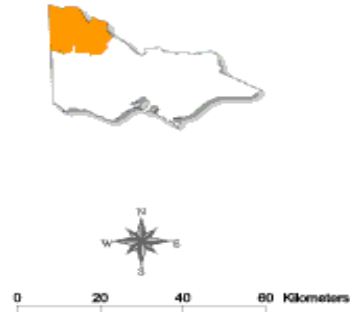


Mildura Region – Clean and Green
Solar Industry Focus



Mallee Catchment Management Region

Landuse



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National Electricity grid within the region

- Terminal station at Red Cliffs
- New Terminal station to be constructed at Wemen in 2011

- 66kV and 220kV available
- Access to water and natural gas
- Availability of land which is generally flat





Australian Context

Electricity generation has increased steadily at approximately 2.1% per year from 1990 to 2006

Source: International Energy Assn 2007, part 3, p 102

The total forecast of existing and committed generation capacity across Australia is growing at an average of 4% increase per year over the next 2 years.

Source: Parsons Brinckerhoff, Energy Networks Association, p.10

Australian Context

Households and renewable energy

Energy use by households is increasing (up 49% in the last 20 years).

Around one-third of households who were aware of Green Power were willing to pay extra for electricity generated from renewable sources, but not all of them were using it, with around 10% of households paying for Green Power electricity.

Source: Australian Bureau of Statistics, 25th March 2009



Australian Context

Solar Flagships Program

\$1.6 billion Federal Government capital grant funding over 6 years

- Funding to support construction and demonstration large-scale solar power stations in Australia, which may include solar thermal, photovoltaic and energy storage technologies.
- The target size is 1000MW of electricity generation.



ENVIRONMENT
of

Victorian Government Context

Large Scale Solar Project

Victorian State Government has \$100million funding available for the establishment of a large-scale solar power generation plant in Victoria.



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Mildura Region Context



The Mildura Region has the best solar resources in Victoria

- 8.6 hours of sunshine per day
- Annual temperature of 23.7 degrees Celsius
- 132.1 clear days per year
- 18.9 MJ (m*m) in solar exposure



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Mildura Region Context



Manufacturing

138 local manufacturing businesses,
employing 2,427 people

Construction

648 local construction businesses,
employing 1440 people

Property & Business Services

762 local property & service
businesses, employing 1546 people

Mildura Region Context

The Mildura region is highly resourced with a number of education and training facilities, ranging from early childhood development through to tertiary education providers.



Mildura's strong population growth can, in part, be contributed to the lifestyle on offer in the region. With a strong food and wine culture, over 300 events per year, attractive national parks and the Murray River making the region an idyllic place to be.

The Mildura airport is the busiest regional airport in Victoria, with 245 flights per month and 186,500 passengers for the 2008/2009 financial year. Mildura is accessible by air from: Melbourne (70 minutes) | Adelaide (50 minutes)



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Mildura Region Context



Economic Benefits and Opportunities for Mildura Region

- Large-scale renewable energy production will continue to add to the clean & green image of the region.
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- Sustainable power production in a region that has prided itself on sustainable and safe food production.
- Solar Power development will inject a significant boost to the local economy during both construction, and ongoing operations.
- Tourism and research opportunities
- Value adding opportunities

Mildura Region Context

Mildura Development Corporation's most fundamental role is that of collaboration

- Powercor & SP Ausnet
- Mildura Rural City Council
- Sunrise 21
- Landowners



Mildura Region Context

- Sustainability Network
- Sunraysia Institute of TAFE – National Centre for Sustainability
- Sun Festival
- Clean & green horticulture and agriculture
- Manufacturing for a Greener Tomorrow Project



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www.milduraregion.com.au

101 Lime Avenue | Mildura | Victoria | Australia | 3502

P: +61 3 5022 0722 | E: info@milduraregion.com.au

Creating our region's future