



ZHENFA

MUGGA LANE SOLAR PARK

ACT, AUSTRALIA



MLSP
plant figures

Largest Agriculturally Integrated Solar PV System in Australia

Location: Tuggeranong, ACT

Type: Ground mounted fixed and solar tracking systems

Quantity: 53,000 Solar PV Modules

Capacity: 13MW

CO₂ Emissions saved: 480,000 tons over 25 years

Developer: Zhenfa Australia Pty Ltd

Scheduled Completion Year: 2014



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The facility will be located at the intersection of Mugga Lane and Monaro Highway in Tuggeranong ACT comprising of more than 50,000 solar modules assembled on fixed tilt and tracker systems.

The plant will supply some 24,596MWh of electricity annually, enough to power approximately 3,000 households or 100 small-scale industrial facilities within the ACT. This substantial reduction in the ACT's carbon footprint is about the same as taking 4,000 cars off the road each year.



The plant is a major part of the ACT Solar Auction conducted by the Environment and Sustainable Development Directorate of the ACT Government where the power generated by the plant represents the most competitive LCOE (Levelised Cost of Energy) available for any large-scale Solar PV Plant in Australia.

The inclusion of a 500kW Solar Tracking system, allows for the demonstration and research of solar tracker technology which will harvest more energy from the sun at a time where the cost of energy is higher (i.e. peak demand periods).



This is a vital utility-scale project to showcase the uptake of solar at a community and state level through a Reverse Auction Feed-in-Tariff scheme which will set the foundation for future renewable energy development within Australia.

Founded in 2004, Zhenfa is one of the leading Solar PV Systems Integrators based in China with over 1GW commissioned Solar PV Plants to date, Zhenfa and the development team in Australia delivers the best value for money to people all over the world.

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