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Power

Solar  
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## Residential Off-Grid Solar Power System

An 8KVA Off Grid solar power installation for a 100 acre rural farm with new 4 bedroom house, sheds & Marron dams located in Brazier, Western Australia.



The system comprises 32 Schott solar panels, 2 SMA Sunny Boy inverters, 1 SMA Sunny Island & 24 Exide batteries. The system also has a Kubota generator to provide emergency backup.

This set up was designed to power a large 4 bedroom house and workshop on a sheep & Marron farm in Brazier, Western Australia.

The whole system was installed in one section of large 'Australian Barn' taking advantage of the two angles of the roof to provide good solar coverage during both winter & summer months.



Two rooms were created in one bay of the shed, one to house the inverters & distribution boards & the other to house the battery bank.

The system also utilises an SMA Webbox which takes data from the inverters & control system & makes it available to the owners on their PC/Tablet/phone via an internet connection to the Sun Portal, a free service from SMA.



The Portal provides detailed information on the battery state (including % state of charge), power generated and power used and is an invaluable aid to managing your solar power system.

Visit [www.solarequipwa.com.au](http://www.solarequipwa.com.au) for more information or contact us on: 0427 150 660