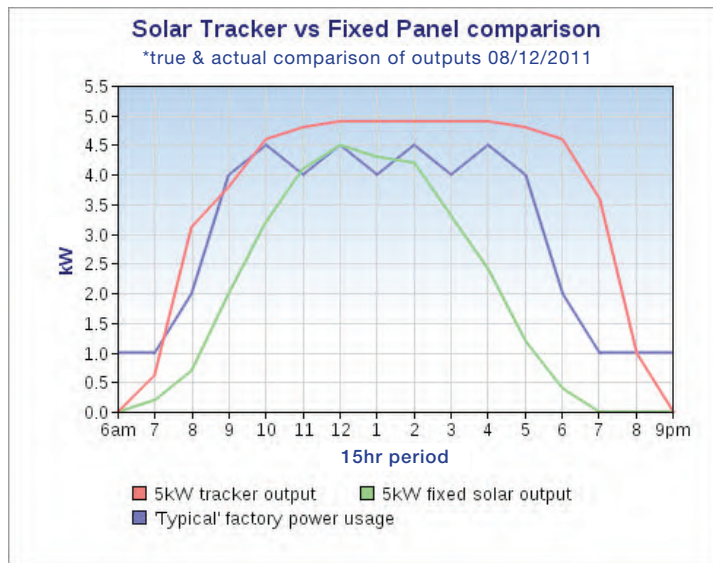


Performance Comparison - TRACKING Installation vs FIXED Installation

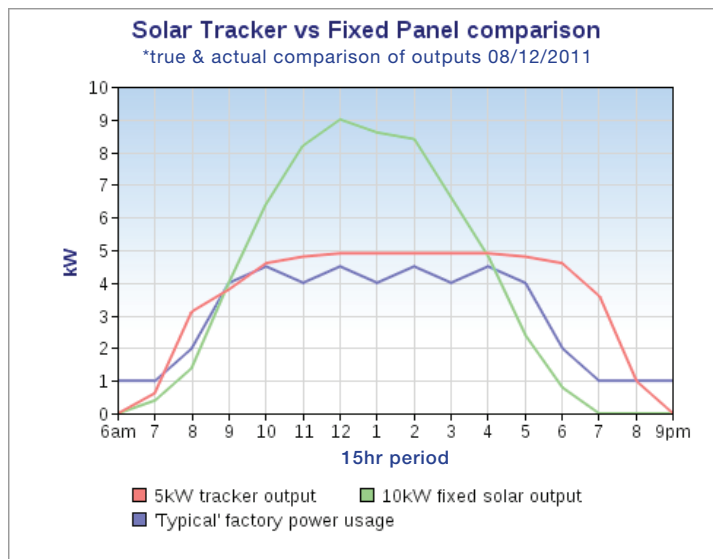
Overall a tracking panel will generate more power than a static panel. However... In The Current Tariff Climate Where Export Prices Are At 6 To 7 Cents Per Unit, There Is Little Advantage in maximizing your export power to your supply company. It is far more effective to reduce your import of electricity during the working day by maximizing the generation in that period. This is where a tracking panel has a major advantage, in that it generates optimum power in a minute by minute basis over a larger portion of the working day, thereby reducing the amount of power which has to be imported at the tariff price.



EXAMPLE - 1

5kW Fixed Panels vs 5kW Tracking

Fixed panels not meeting Usage Tracker is meeting usage demand and providing a small surplus.



EXAMPLE - 2

10kW Fixed Panels vs 10kW Tracking

Fixed panel area has now doubled to try and cover the daily Usage but still cannot match the more consistent supply of the Tracker.

*Any excess power produced. (Anything above the blue line) Does not offset your power but is considered excess and is only worth 6-8 cents per kWh as a feed in. Doubling panels is a very costly exercise for very little return!

Comparison was carried out at our facility at corowa nsw with a fixed north facing installation compared to a dual axis tracking system. Greater output can be expected over summer and less in winter. Test date 08/12/2011

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