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FACT SHEET

GRID CONNECT SOLAR SYSTEMS

What is Grid Connect?

Grid Connect is where you install solar (Photovoltaic) panels on the roof of your home with an inverter near your meter box to generate renewable energy to sell back to the grid. Your energy supplier will provide a new Gross meter that records what energy you generate and will credit you 60c per KWH for every kWh that you generate for the quarter. The installation of this meter will be at your cost.

What configuration options are there?

Grid Connect comes in kit form from a 6 panel system up to a 56 panel system. All kits include supply and installation of solar panels (in our local region), inverter, frames and cabling.

Which size kit is best for me?

Grid Connect is about affordability moreso than offsetting your total energy usage. You need to decide what your budget allows for and we will recommend the best kit to suit that budget. If complete offsetting of your energy usage is your goal, we will assess your annual energy consumption and recommend the most appropriate kit to meet that goal.

What rebates might I be eligible for?

The new Solar Credits Scheme provides for rebates up to 1.5kW systems and is based on the Renewable Energy Certificate (REC) value of the system.

What are the criteria for rebate eligibility?

- System must have been installed in the last 12 months (after 9th June 2009)
- System must have a total annual output less than 250MWh
- System must be designed & installed by an accredited BCSE installer

Will I be able to use my renewable energy in a blackout?

No. Grid Connect is typically a battery free installation and as a result, does not store surplus energy for re-use at nighttime or during a blackout.

How much less Greenhouse Gas will I produce?

For every Megawatt Hour (MWh) (or 1000 KWh) of Renewable Energy produced by your system, approximately 1.08 tonnes of Greenhouse gas production will be saved.

How many KWh will a Grid Connect system generate?

From 1680 KWh/year (1.68 MWh) for a 6 panel system to 8401 KWh/year (8.4 MWh) for a 30 panel system. This equates to a range of 1.81 – 9 tonnes of Greenhouse Gas saved per year.

Accurate as of 15/2/10

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SUNTECH KITS

Kit 1- 1080 watts	- 6 x 180w SUNTECH panels	- 5.00kwHrs/day	\$ 5,400.95
Kit 2- 1080 (e) watts	- 6 x 180w SUNTECH panels	- 5.00kwHrs/day	\$ 5,830.93
Kit 3- 1440 watts	- 8 x 180w SUNTECH panels	- 6.60kwHrs/day	\$ 6,463.41
Kit 4- 1620 watts	- 9 x 180w SUNTECH panels	- 7.00kwHrs/day	\$ 7,275.74
Kit 5 - 1800 (e)watts	- 10 x 180w SUNTECH panels	- 8.30 kwHrs/day	\$ 8,101.82
Kit 6 - 2160 watts	- 12 x 180w SUNTECH panels	- 9.90 kwHrs/day	\$ 9,714.04
Kit 7 – 2160(e) watts	- 12 x 180w SUNTECH panels	- 9.90 kwHrs/day	\$ 10,517.23
Kit 8 – 3240watts	- 18 x 180w SUNTECH panels	- 14.90 kwHrs/day	\$ 15,626.89
Kit 9 – 4320watts	- 24 x 180w SUNTECH panels	- 19.90 kwHrs/day	\$ 20,524.22
Kit 10- 5400 (e) watts	- 30 x 180w SUNTECH panels	- 24.80kwHrs/day	\$ 27,003.74

* Please note that these prices are the net cost to the purchaser after installation and return of solar credits rebate. These costs include installation in the Eurobodalla Shire, on a tin roof @ 20-45 deg only and reflect possible rebates in the 2537 post code.

*Rebates will be in the order of \$3990 for a 1.62kW system and \$2850 for a 1.08kW system currently in the 2537 postcode.

*Rebates will be in the order of \$4710 for a 1.62kW system and \$3330 for a 1.08kW system currently in the 2536 postcode.

*Rebates will fluctuate in value depending on the current value of REC's (\$30). These figures are therefore only an indication of the likely value at purchase of a Grid Connect system and not a guarantee of the value of the rebate once applied for.

*The NSW Solar Bonus Scheme (Gross Feed in Tariff) will credit renewable energy producers 60c per kW/hr from 1/1/10 for 7 years. A 1kW system will return approximately \$1000 per year if operating at full efficiency.

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