

# CASE STUDY

## SOLAR

### MURWILLUMBAH GOLF CLUB



#### Golf club's hole-in-one with solar power

Murwillumbah Golf Club selected Infinity Power to install a 80kW solar power system in September as part of a three-stage green energy program to become as energy efficient as possible.

The Club's manager, Wayne Kendrigan, said the solar power system, which will cover an area more than two times the size of a tennis court, will save the club more than \$20,000 a year. "As a club we have committed to a three-year sustainability project and installing solar power is our first green goal. Stage two will involve the installation of LED lighting by Infinity and stage three will look to improve energy consumption by changing our appliances to hydrocarbon, which is one of the most energy efficient and environmentally-safe refrigerants in the world," he said.

"Golf clubs often get labelled as bad for the environment, but with the installation of solar power we are hoping to demonstrate how clubs can improve their green credentials," Mr Kendrigan said.

Infinity's local account manager Brad Wilkinson said the solar power system would see Murwillumbah Golf Club save nearly a quarter on power bills, with the system expected to generate approximately 132MWh annually.

"When you consider the club's annual power bill normally stands around \$100,000, a saving of more than \$20,000 represents a significant return on investment, with the system paying for itself within four to five years," he said. Rather than pocket these savings, the golf club has committed to reinvesting the money into additional green energy initiatives.

"Any savings made from our solar power system will be spent on improving energy efficiency and ensuring we are as environmentally sustainable as possible," Mr Kendrigan said.

To find out more about solar commercial and industrial projects call Infinity Power on 1300 136 882.

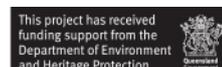
#### Project Overview

Location	Murwillumbah, QLD
Completed	November 2013
Installation Type	Commercial roof mount
System Size	80kWp
Installed Area	518m2
Number of Panels	320 x Hanwha SolarOne 250w polycrystalline panels
Inverters	4 x German SMA Tripower inverters
Mounting System	German made and engineered Schletter RiverClack KlipClamps & grid aluminium frames
Estimated Power Produced	357kWh per day 132MWh per annum
Estimated Carbon Offset	120 tonnes CO2-e per annum (equivalent of taking 30 cars off the road each year)



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