



Waikare Golf Club

CASE STUDY:

**Financial Stability:
Cost saving with solar power.**

CONCEPT

The Waikare Golf Club, like a lot of clubs of a similar generation and design, struggle with heating and cooling issues. Either stifling hot in summer or cold and uninviting in the winter months. To alleviate this the club looked at a number of initiatives to create a more inviting environment for their members and visitors.

One of the initiatives looked at was the options of installing double glazing. Initially seen as one of the better options, with a price tag of approximately \$30,000 it was a big commitment. Some trust funding had been obtained to cover

some of the costs. Ultimately, though it was still a large sum of money and the Club needed to be a bit innovative to achieve its goals.

PROCESS

Bruce Davies (the club manager at the time) looked into cost effective alternatives to achieve a similar result. Phase one was the installation of sunscreens in the lounge area, which kept the extreme sun out and made the clubrooms cooler and more comfortable. The cost of this was \$1600 with the majority paid for by the Ladies section of the club.

To cover off the winter issues a second hand Kent Fire was installed at a further cost of \$1100, paid for by the Vets section of the club. With a ready supply of wood always available, this was a better option than the \$15,000 required to install heat pumps and the increase in electricity costs.

As the club had already received an amount of trust funding the club then looked into options to re direct this funding, a letter outlining the change of direction and the potential of investing this funding into Solar panels was approved.

A 2kw solar system was then installed for approximately \$9,000 and results have been very positive.

OUTCOMES

The club is showing an early result of a 50% saving in daily electricity charges. The intention is to further add to this system when funds or funding allows. Bruce Davies said "the investment to the club was minimal and the real savings are ongoing, you can view your outputs from the solar panels in real time and the support from Sky Solar has been huge."





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