Case Study

Genesis Energy building, Hamilton, NZ

Overview

Genesis Energy are the cornerstone tenants of a new building in central Hamilton. The building was commissioned as a design build.

The building has a great central location on Bryce Street, Hamilton. This location and a focus on walking, cycling and public transport is a key part of Genesis Energy taking on the building.

There is bicycle parking and a number of showers for employees to use. This means increased hot water consumption and higher costs for the landlord.

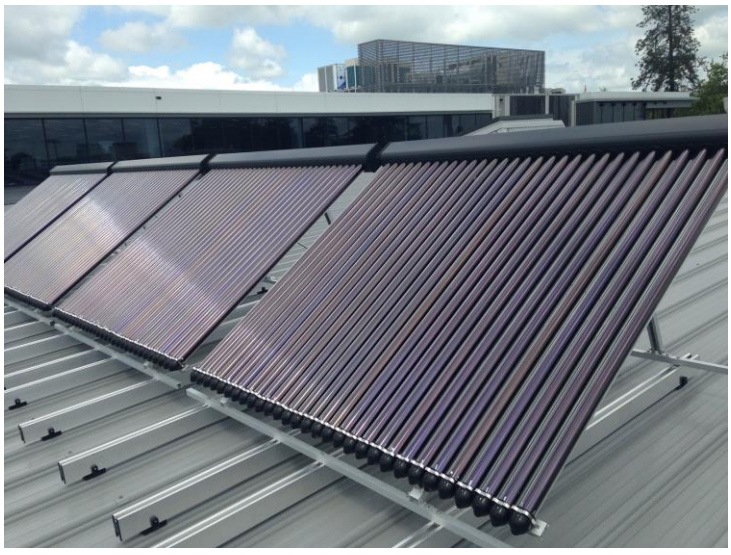
A solar hot water system was seen as the ideal way to provide lower cost hot water and reduce the building's environmental impact.

Apricus NZ were commissioned by FB Hall & Co plumbers to model, design and supply a solar hot water system that would fit the developer's requirements.

On the strength of the design support for this project and product quality FB Hall & Co asked to become a long-term partner with Apricus. They are now promoting the product to other commercial and domestic customers.

Project Summary:

Property Name:	Genesis Energy building
Location:	Hamilton, New Zealand
Array Size:	4 x ETC-30 collectors
Peak Output:	8 kW
Annual Energy Output:	~ 13,167 kWh
Annual CO_2 Offset:	~ 3.29 tonnes
System Format:	Open loop with ring main diversion
Solar Preheat Storage:	1,000L
Back-up System:	1,000L cylinder with 30kW electric elements



F.B. Hall & Co. Ltd
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genesis ENERGY

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