



Powerhouse Automotive

Solar My Business: case study

“The electricity savings have already paid for the solar system twice over.”

Aaron King, Owner, Powerhouse Automotive

Powerhouse Automotive is an automotive repair centre in North Manly. They service and repair all vehicles and offer fleet servicing plans. The company has been in business 28 years. They own the business premises and operate 5 days a week with five employees.

In 2013, Aaron King, owner, installed a 10kW solar system financed via a solar operating lease.

Which solar system did you choose?

Aaron explains: “I chose the biggest solar system I could for the roof space we own. We installed a 10kW system comprising 40 polycrystalline panels and two CMS inverters. I’ve had no problems with it.”

What was the cost and how did you pay for it?

The solar system cost \$10,000 and was funded with a solar operating lease from a company that Aaron is not willing to recommend. Despite that, he comments, “I’m very happy I installed solar. I’m soon developing the neighbouring site and I will definitely be installing solar on that roof.”

Cost of solar installation after STC ¹ rebate	\$10,000 ex GST
Annual electricity cost before solar	\$6,000
Annual electricity cost after solar	\$2,500
Payback period	3 years

1. Systems up to 100kW are eligible for rebates called small scale generation certificates (STCs)

Key benefits

<p>C0² emissions</p> <p>11 tonnes saved</p> <p>per annum</p>	<p>Car kilometres</p> <p>62.7k kms saved</p> <p>per annum</p>	<p>Trees</p> <p>161 trees planted</p> <p>per annum</p>	<p>Electricity bill</p> <p>\$3.5k power savings</p> <p>per annum</p>
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