



Eccles Family

Solar My House: case study

“We love our trees and our roof doesn’t face north, but solar is worth it.”

Jeremy and Kate Eccles, Mosman.

Size of solar system	3.7kW panels
Cost of solar installation after Government rebate	\$5,433
Average daily solar generated	11.8kWh
Annual savings	>\$700
Payback period	7+ years

Kate and Jeremy Eccles installed a small rooftop solar system back in 2009 to take advantage of the 60c feed-in tariff. But ten years on, their solar feed-in had dwindled to almost nothing and mature trees put the panels in partial shade for much of the day.

Kate and Jeremy wanted a more efficient system but they were determined to keep the trees. After talking to Zero Emissions Sydney North they obtained quotes for a new system and chose Solarpro to install it.

Solar for a shady site

Solarpro recommended installing a 3.7 kW system comprising 10 LG Mono XL panels, using a Solaredge inverter, which could make the most of their tree-shaded, west-facing split level roof. The installation took half a day and cost \$5,433, plus \$650 for their old panels to be recycled. The new system generates nearly twice as much electricity.

The financial benefits of solar are not Jeremy and Kate’s key motivation, but their new system is already making an impact on their power bills.

Where does their motivation come from?

“From the soles of our boots”, says Kate, “to our heart and souls. We started bush regenerating and got gradually more and more concerned about the environment. We want to do what we can.”

Key benefits

CO₂ emissions

3.9

tonnes saved
per annum

Car kilometres

23.2k

kms saved
per annum

Trees

60

trees planted
per annum