



Solar Made Simple - Strata Case Study

A 3 unit apartment block

Multiple faces, 2 storey, tile & metal roof

This shows what can be achieved with a small strata with multiple roof slopes. 2 of the 3 residents wanted to install solar. They divided the roof area into 3, passed the necessary bylaw, and went ahead with 2 individual systems of 13 panels with capacity of 5.7kW each. The residents used micro-inverters which will enable them to add and/or reallocate panels in the future.

What are the results and benefits?

Irene is delighted with the result. Her aim was to contribute renewable energy to accelerate decarbonising the grid, and her bill saving of \$1,000 a year means this has been an excellent financial investment. She expects to install a battery soon to eliminate her grid demand during the evening peak.

Strata residents can pass a bylaw to divide up the roof and each install their own solar panels for their unit.



System size

5.65 kW each unit
11.3 kW total



Cost of solar installation after Government rebate

\$17,740 (\$1,570 per kW)



Panels

26 x Trina VertexS 435W,
11.3kW total



Inverter

26 Enphase micro-inverters



Roof

Multiple faces, 2 storey,
tile and metal roof