







# CASE STUDY

## Residential - Bentleigh, East

- 
 ENERGY SUPPLIED BY SOLAR  
**98%**
- 
 EXPORTED TO THE GRID  
**65% GENERATION**
- 
 PAY BACK PERIOD  
**5.4 YEARS**
- 
 GRID-CONNECTED SYSTEM  
**5KW**



### SUMMARY

The Isbel family, based in Bentleigh East decided it was time to diversify their energy supply and take back control of their energy costs.

They selected Energy Makeovers to install a solar energy system on their property in early 2019.

The installation included a **4.8KW solar energy system with Zegersolar Inverters and 16 Seraphim SRP-300-6MB panels.** The installation came with a 12-year installation warranty and included installation by a CEC accredited designer and installer.

### CHALLENGE AND SOLUTION

The owners of the property had been considering installing solar power for years. The main reason for this was their real concern regarding their carbon footprint and wanted to reduce their impact on the environment.

The problem for them was they used very little electricity overall – because of the energy efficient appliances and lighting in the home – it was difficult to justify the installed costs for solar.

In light of the Victorian Governments solar rebate – and the fact that one of the owners was about to retire (and therefore shift a fair chunk of their electricity usage from evening to daytime) – the reduced installed costs combined with the increased amount of daytime usage meant that they were able to install solar power while reducing the impact on their savings.

The family were thrilled with the results:

**“We couldn't be happier. And we have been recommending EM at every opportunity.”**

