




CluBarham.

Case Study

145kW of Solar
Across 4 Sites.

 CO2e Reduction
95% / average

 Projected savings
\$47,000 / year

 Payback period
3-4 years



Ecovantage Pty Ltd
16/71 Victoria Crescent
Abbotsford VIC 3067
1300 721 335
ecovantage.com.au



CluBarham
6 Niemur Street
Barham NSW 2732
(03) 5451 1800
clubarham.com.au



Situated on the bank of the Murray River, Barham New South Wales is the perfect location for a weekend getaway. With its array of leisure offerings, including accommodations tailored to diverse needs, CluBarham is a great choice. However, amid the idyllic setting, the challenge of optimising energy usage while curbing costs emerged, prompting CluBarham to seek a sustainable solution.



The Challenge

CluBarham CEO faced a pivotal challenge: finding a proficient installer capable of executing a comprehensive solar PV installation across multiple sites within their hospitality portfolio. Specifically, they sought to enhance sustainability and reduce energy costs at three prominent locations—the CluBarham River Motel and The Comfort Inn CluBarham—along with the esteemed Barham Golf Resort.

After a previous company had installed 100kW on both the RSL and the Golf Course, CluBarham was certain that they would require this amount on the upcoming installations. However, after speaking with the Ecovantage team it was discovered that 100kW was completely inappropriate for these sites. This was uncovered by completing a thorough analysis of the energy bills and load profile of CluBarham.

CluBarham was also informed by the initial company that they had maxed out all rebates at the Golf Course site. After extensive research Ecovantage found there was potential for another \$111k in rebates should they require more solar in future.



The Installation

After many discussions with Ecovantage's solar experts, CluBarham decided to go ahead and install an additional 145kW of solar at four sites across their hotels and golf resort to ensure reliability in extreme weather conditions.

At the first site, the Barham Golf Resort, a 58kW solar system was installed across the resort's cottages and maintenance shed. The second site spanned two CluBarham hotel sites; Comfort Inn CluBarham and the CluBarham River Motel, where 85kW of solar was installed.

For both of these sites, Ecovantage selected LONGI panels and Sungrow inverters, renowned for their unparalleled reliability and efficiency.

Leveraging Ecovantage's expertise, CluBarham navigated the intricacies of claiming additional Small-scale Technology Certificates (STCs), unlocking further financial benefits and enhancing the project's viability.



The Outcome

By partnering with Ecovantage, CluBarham has unlocked a two-fold benefit: significant savings on energy expenditure and a forward looking strategy to accommodate future growth. Not only does the project promise to slash thousands of dollars off their annual energy bills, but it also ensures that their facilities are equipped to handle demand for years ahead.

