

# Case Study

## Brentwood Secondary College

### Solar Energy

#### Challenge

Located in Glen Waverley, Brentwood Secondary College prides themselves on their vibrant culture of learning and creativity. Recognising the significance of environmental responsibility, Brentwood pledged to achieve net zero emissions by 2050 in the Victorian government's 'Take 2' campaign. Cherry was recommended to Brentwood by Northcote High on account of our reputation and reliability.

Brentwood's installation was unique as they required an integration of two solar systems. Additionally, the installation had to be completed within a short time frame during school holidays to avoid disruption to students.

#### Solution

Cherry Energy Solutions undertook a vigorous planning and design process to ensure the two solar systems were compatible for power generation and monitoring. A strict schedule was pivotal in making sure the installation was completed during the school holidays.

With 170 x 405W SunPower panels and Fronius inverters, Brentwood Secondary College's system is saving 84,881kWh and 108,647kg CO<sub>2</sub> per annum, with \$387,000 saved over the life of the system.

# 108,647 kg CO<sub>2</sub>

in reduced carbon emissions annually





**System integration**  
with existing solar PV system