Case Study

Stonnington Council

Solar Energy

Challenge
With growing concern for the environment, Stonnington Council made an exemplary commitment to reducing greenhouse gas emissions to 30% below 2005 levels by 2020. To meet their target, Cherry Energy Solutions was commissioned to install solar PV systems on various Council buildings, a significant step in reducing dependency on non-renewable energy sources.

Council prioritised the use of high quality equipment and service with good value for money. Cherry was chosen for their Tier 1 products, system design optimisation, expert technical knowledge and delivery within set times at affordable prices.

The installation spanned nine locations, with distinct site conditions and several steep roof pitches around the Stonnington Council area, and proposed plans were required to match consultant specifications.

Solution
The final designs included solar PV systems optimised to specific roof requirements and a detailed technical analysis of the sites with a focus on cost versus benefits over time. In addition, the proposals outlined how the systems would match each premise's consumption classification and support Council's sustainability plans.

Every location was provided with different panels ranging from Sunpower, JA and QCells panels as well as Fronius and SolarEdge inverters, all coupled with Solar Analytics monitoring.

On average, each building will now save approximately $13,000, 75,000kWh and 115,280 kg CO_2 each year.

A total of

1.037 tonnes CO_2

saved annually

CHERRY

dlcs ISO 9001 certified AS/NZS 4801 certified ISO 14001 certified


675,000 kWh
total annual energy reduction