



CASE STUDY

CHEP Australia, Derrimut



GRID-CONNECTED SYSTEM
248.6kW



ENERGY SUPPLIED BY SOLAR
845.05 kwh daily



REDUCED CARBON EMISSIONS
330 tonnes per year



SUPPLY PER ANNUM
311,730 kwh



HUGE REDUCTION IN ENERGY COSTS EXPECTED

SUMMARY

CHEP Australia is a global supply chain solutions partner, allowing retailers, manufacturers and transporters to move and handle goods cost-effectively and sustainably across Australia, and around the world.

Located in Derrimut, VIC CHEP Australia prides itself on its sustainability solutions. "We strive to minimize our own impact on the environment and contribute positively to the communities we operate in." So a solar energy system is an organic and logical step in their sustainability goals.

Energy Makeovers were contracted to design, supply and install this large scale grid connected solar PV system. The **250kW grid-connected solar energy PV system comprises 663 Longi 375 Watt split cell panels and 214kW Fronius Solar Inverters**. This system is monitored online using the Fronius SolarWeb monitoring platform – providing peace of mind that the system will deliver on its daily energy production estimates.

CHALLENGE AND SOLUTION

Energy Makeovers completed the installation during a site upgrade as a subcontractor to FDC Construction.

The system is expected to generate on Average 850kWh per day and reduce carbon emissions by approximately 300Tonnes of CO2e per annum and keep the business in-line with their sustainability goals, tied to the Sustainable Development Goals set out by the United Nations.

