energymakeovers

COMMERCIAL CASE STUDY

CASE STUDY
Peninsula Leisure, Frankston

GRID-CONNECTED SYSTEM
523kW

ENERGY SUPPLIED BY SOLAR
1,720 KHW DAILY

REDUCED CARBON EMISSIONS
496 TONNES A YEAR

SUPPLY PER ANNUM
627,589 KWH

PREDICTED COST SAVINGS
$75,000 p/y

100% PERFORMANCE GUARANTEE

SUMMARY

Located in Frankston, Victoria, Peninsula Leisure manages an array of award-winning facilities, including the Peninsula Aquatic Recreation Centre (PARC).

The property is owned by Frankston Council, and as part of their electrification program they launched a project to upgrade PARC's facilities to include a solar energy system and provide energy independence for the property.

Energy Makeovers were contracted to design, supply and install this large-scale grid-connected solar PV system. The **523kW grid-connected solar energy PV system comprises 1,047 Trina solar panels & 4 Sungrow 110kW inverters.** This system is monitored online using the Solar Analytics Platform – providing peace of mind that the system will deliver on its daily energy production estimates.

CHALLENGE & SOLUTION

Energy Makeovers completed the installation while the building remained functional and open to the community.

The system is expected to generate on Average 1,720kWh per day and reduce carbon emissions by approximately 496 Tonnes of CO2 per annum. It will also keep the business in-line with their sustainability goals, tied to the Sustainable Development Goals set out by the United Nations.