

Peninsula Leisure Frankston, VIC

SOLAR

SUMMARY



GRID-CONNECTED SYSTEM

523 kW

ENERGY SUPPLIED

1,720 Kwh daily

REDUCED CARBON EMISSIONS

496 TONNES p/a

SUPPLY PER ANNUM

627,589 KWH

PREDICTED COST SAVINGS

\$75,000 p/a

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.**

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 is monitored online using the Solar Analytics Platform – providing peace of mind that the system will deliver on its daily energy production estimates.

It will also keep the business in-line with their sustainability goals, tied to the Sustainable Development Goals set out by the United Nations.