

Case Study

Dex Audio

Solar Energy

Challenge

Since 1978, Dex Audio has been operating a sophisticated audio manufacturing, cassette duplication and later adding CD and DVD replication service, as well as DVD authoring and music distribution, in inner city Melbourne.

The reproduction and manufacturing process is highly energy intensive and, with rising energy costs and a focus on environmental conservation, Dex Audio approached Cherry Energy Solutions to assist in identifying areas within the business that could be optimised to help reduce energy and demand charges.

Solution

Prioritising a technically advanced solution with a high level of detail around panel performance and measurement capability, Cherry Energy Solutions recommended QCELLS Q.PEAK 370W panels coupled with a SolarEdge Synergy inverter and DC optimisers.

Additionally, Solar Analytics monitoring will provide Dex Audio with a high level of information on energy produced and energy consumed.

The renewed focus on energy efficiency also allowed Dex Audio to re-tune their equipment to passively improve the power factor at the facility.

The system is meeting performance expectations and Dex Audio can now look forward to saving \$22,000 per year, 135,000kWh of energy and an impressive 172 tonnes of CO₂ each year.

135,000kWh

in annual energy savings



Conserving

172 tonnes CO₂

every year

