



Metro City Council

Australia

Background

The council is a large local government in Australia covering an area of 1,300 square kilometers. It is responsible for more than a million residents and provides various infrastructure facilities such as:

- public transport,
- waste management, and
- community centers

The council strives for a carbon neutral status, with commitment towards sustainability and renewables. It has PV totaling more than 200 kW across various sites.

What was the primary driver in choosing to install carbonTRACK?

The council has a significant portfolio of solar assets of varying sizes, varying hardware components and varying business cases across multiple locations. The council needed to reliably monitor & control the performance of its PV Solar systems across 7 sites.

What were the project requirements?

- Ensure robust and reliable energy generation and usage data for both internal and external reporting
- Accurately report on the greenhouse gas emissions
- Rapid identification of faults and under performance
- Meet the requirements of the National Carbon Offset Standard (NCOS) for carbon neutral certification
- Ability to set alerts
- Ability to control site & trouble- shoot remotely

The council identified carbonTRACK as the most appropriate solution to meet their needs and has now mandated the inclusion of carbonTRACK on ALL its PV Solar installations.

What solutions were used and what were the results?

carbonTRACK Smart Hubs were installed across the 7 sites. The council has a login to the carbonTRACK online Dashboard. Currently:

- solar aggregate data
- grid AC,
- solar AC and
- inverter data

is being monitored & controlled remotely.

A major issue was identified soon after carbonTRACK was installed. Two PV sites had no solar generation or power connection and the landlord had not informed the council of this issue. The council now has immediate visibility across these carbonTRACK monitored assets.

Phase two for the council includes installing carbonTRACK solar monitoring for eight libraries throughout the city.

About carbonTRACK

carbonTRACK's energy management system enables businesses and companies to take a leap into the new energy landscape. Drawing from our resource and experience, we create energy management solutions tailored to your specific commercial and industrial needs.

The carbonTRACK Smart Hub is the data-centre of the system. Offering unprecedented levels of visibility and control, it takes building automation and data analysis to the next level.

Our technology captures all aspects of energy data within the building or facility to provide a comprehensive insight into energy use. All aspects of energy are streamlined into a single portal showing real-time energy use with access from anywhere with the internet.

