

CASE STUDY

Coffs Harbour City Council



In 2016, Coffs Harbour City Council adopted its [Renewable Energy and Emissions Reduction Plan \(REERP\)](#), which was developed by 100% Renewables. The REERP sets ambitious carbon reduction and renewable energy goals:

- Reduce Council's annual corporate emissions from 2010 levels by 50% by 2025
- Reach 100% renewable energy by 2030

The REERP drew on extensive analysis of Council's emissions profile, stakeholder engagement and assessment and prioritisation of savings opportunities.

Since the development of the plan, the council has implemented major initiatives, in particular its street lights were upgraded to LED technology with significant energy

savings. 'Powering Ahead' is the next stage in the REERP implementation, and involves the rollout of rooftop and ground-mounted solar PV to 16 sites.

These include a 150 kW solar PV system at the Coffs Harbour Regional Airport, and an innovative 20 kW and+ 25 kWh solar and battery project at the Cavanbah Centre.

There is also a large 870 kW ground-mounted solar array planned at the Coffs Harbour Water Reclamation Plant, and a 492 kW system at the Karangi Water Treatment Plant.

In total, Coffs Harbour City Council will install 2,100 kW of solar PV, equivalent to the energy consumption of 420 houses and 750 cars taken off the road.

Examples of Coffs Harbour City Council's Solar Installations

Coffs Airport



Coffs Community Village



Sawtell Holiday Park



Woolgoolga Library

