

CASE STUDY

Tweed Shire Council



In 2017, Tweed Shire Council adopted its [Renewable Energy Action Plan](#) (REAP), which was developed by 100% Renewables. The REAP sets targets to self-generate 25% of Council's energy from renewables by 2022 and 50% by 2025.

With around 230 kW of rooftop solar installed before the REAP was adopted, Council installed a further ~200 kW at the Tweed Regional Museum and Tweed Regional Aquatic Centre (TRAC) in 2018/19.

Council also voted to approve the development of a 604 kW ground-mounted solar array at its Banora Point Wastewater Treatment plant, Council's most energy-intensive facility.

With all projects completed, Council's total installed solar PV capacity will be close to 1,500 kW, which is equivalent to the annual energy consumption of 300 homes, or the same as taking 540 cars off the road.

With overall coordination of the REAP, experienced senior engineering staff planning and coordinating the solar implementation works, and experienced energy management and measurement & verification staff tracking and optimising the performance of installed systems, the council is supporting its targets with the resources needed to ensure success.

Examples of Tweed Shire Council's Solar Installations

Bray Park Water



Kingscliff WWTP



Murwillumbah Museum



TRAC - Murwillumbah

