



PAYNESVILLE

SOLAR

This year, East Gippsland Water's largest solar installation to date will be activated - a 99-kilowatt solar system based at the Paynesville Recycled Water Facility.

This solar array is estimated to produce 120-megawatt hours each year - enough to power 19 Australian homes! The solar power help power our on-site recycled water treatment, with any excess going to the grid.

A significant portion of our emissions portfolio comes from electricity, pump stations, office buildings, and treatment facilities. With this new solar array installed, our yearly electricity emissions are estimated to reduce by 110 tonnes - equivalent to taking 58 light passenger cars off the road.

This project is part of a series of projects to reduce net emissions by 44 percent by 1 July 2025 - a stepping stone to our 2035 net-zero target.

120
MWh

Total electricity the new solar array is expected to produce over a year.

19
homes

Solar power expected to be produced yearly could power 19 Australian homes!

110
CO₂e

Total amount of carbon tonnes expected to be reduced

CLIMATE CHANGE PROJECT

PAYNESVILLE WASTEWATER FACILITY

SOLAR PROJECT

OCT 2020

An assessment of the Paynesville facility shows that it would be ideal for a 100kW solar array.

FEB 2022

Contract for the work was awarded and electrical drawings and vegetation work commences.

MARCH 2023

The solar panels are successfully installed and begin the comissionsing phase.

JUNE 2021

A feasibility study into the viability of a large scale solar at the site.

JAN 2023

The solar panel arrays begins installation due to wet weather delays.

NOW

The solar array is successfully producing approximately 120MwH of electricity each year.

