



# Hybrid Solar Outdoor Cabinet for Wastewater Treatment Plants in Ireland





## Overview

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We designed a made to measure canopy structure that would hold 26 bi-facial panels – 15KWP. The design allows the array to sit above a wastewater treatment tank. Perfect for large sewage treatment plants or existing machine rooms: We supply the technology - control unit, compressor and stepper motors -. The optional outdoor control cabinet made of plastic ensures easy access for the maintenance technician even without an appointment. Also an optimal solution for large distances (>20m) between the system and the house. Proportionally made from our own recycled material, which is produced in our. We have installed solar panels in Newcastle West to reduce carbon emissions by over 11 tonnes per year. This project. In response, Rittal offers a range of energy-efficient cooling units, enclosure heaters and robust enclosure solutions – all-round protection for your installations. And that is a prerequisite for an environment-friendly and future-oriented power supply.



## Hybrid Solar Outdoor Cabinet for Wastewater Treatment Plants in Ire



### Energetech Solar

Products: 3 item (s) Sort by: Hybrid All-In-One 20kWh 12kW AC Renon or Luxpower Grid-Tied Inverter Weathertight Outdoor Cabinet System with Heating and Cooling \$15,636.00 Select Options Hybrid ...

### Solar-powered wastewater treatment: Integrating pumped storage and

This study addresses this issue by designing a hybrid off-grid system for the Ariel University Dormitory WWTP, a 500 m<sup>3</sup> /day biofilter facility. The system integrates solar energy, ...



### Modular Water & Wastewater Treatment Plants

Our modular wastewater treatment plants are designed to effectively treat municipal wastewater while meeting the specialised process needs of industrial producers. Meanwhile, our modular water ...



### Switch cabinets for wastewater treatment plants

Our outdoor control cabinets have been specially developed for outdoor installation and offer reliable protection from the weather and frost. They can be placed directly next to the septic



tank.



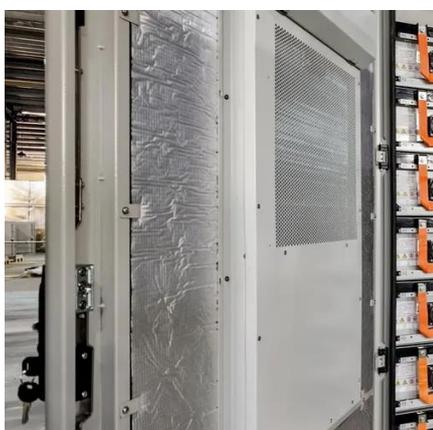
### Renewable Energy Project at Newcastle West Wastewater Treatment Plant

We have installed solar panels in Newcastle West to reduce carbon emissions by over 11 tonnes per year. Uisce Éireann, working in partnership with Limerick City and County Council, has recently ...



### Greenview , Working better together.

We supplied and installed two ground mount Solar PV systems for Irish Water in conjunction with Tipperary County Council, with the works comprising: Newcastle West Wastewater Treatment Plant ...



### PP-cabinet for GRAF wastewater treatment systems

The optional outdoor control cabinet made of plastic ensures easy access for the maintenance technician even without an appointment. Also an optimal solution for large distances (>20m) between ...

### Wastewater Treatment Solutions by



## Tricel

This system has proven E li Treatment capabilities in line with the new EPA requirements. Suitable for compact sites and can be installed above or below ground.



## WasteWater Treatment Plants get the solar treatment

We designed a made to measure canopy structure that would hold 26 bi-facial panels - 15KWP. The design allows the array to sit above a wastewater treatment tank. The advantages of this solution ...

## Rittal Outdoor enclosures for renewable energy

Variations in temperatures and solar radiation lead to condensation. In response, Rittal offers a range of energy-efficient cooling units, enclosure heaters and robust enclosure solutions - all-round protection ...





## Contact Us

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