

Adlington's LPG Solution Revolutionizes Costain's Site Power, Delivering Environmental and Operational Benefits

In today's world, where sustainability and eco-friendliness are becoming increasingly important, finding alternative energy sources has become a necessity. At the Adlington Group we are proud to be launching a new LPG generator that is set to revolutionize the UK temporary power market.

The Project:

The Adlington Group is thrilled to announce our latest achievement in the LPG power journey: the successful installation of the first full rental specification LPG generator and fuel tank solution in the UK. Our innovative solution is currently powering the site compound for the £1.2 billion Chelmsford A12 project of the renowned construction and engineering giant, Costain. In addition to our LPG generator, the site is also powered by a large battery storage unit, a solar array, and a wind turbine, supplied by TCP. Costain's commitment to reducing diesel use on their site led them to reduced their generator size from an initial 100kVA to 40kVA diesel, to our LPG generator, which massively reduces emission while still powering their compound effectively. On this project, our scope of work extended to delivering and installing the full LPG setup, ensuring its compatibility with the additional renewable equipment, and conducting ongoing fuel management in collaboration with our UK-based LPG supplier via remote telemetry monitoring. Our patented LPG tank design enabled a quick and easy setup on-site, minimizing disruptions and allowing Costain to make progress efficiently.

The LPG Generator:

Our LPG generator solution is a game-changer for businesses looking for a reliable and cost-effective power source. Unlike stage 5 diesel engines, our generator requires very little servicing and maintenance and runs off a cheaper fuel source, making it an extremely low-cost solution.

To ensure the accuracy of the manufacturers' emissions claims, we recently arranged for independent testing by the Imperial College of London. The results were astounding, revealing that our LPG generator produces **90% fewer harmful pollutants** than its diesel counterpart. In addition, we conducted noise testing and proved that our solution is also **30% quieter**.

LPG is proving to be the most eco-friendly viable alternative to diesel until alternative fuels like hydrogen or rDME arrive and we are pleased to offer this solution of a quiet, dependable, sustainable and cost-effective power source.

Conclusion:

We are excited to follow up with Costain in due course to find out just how well the generator performs for the project and how much of a cost saving they made by making the switch to LPG.

LPG
LET'S POWER GREENER

“

I'm utterly impressed and surprised at how simple the installation process was, and how exceptionally quiet the LPG Generator runs. The Adlington team has done a phenomenal job, their innovative and sustainable solution has exceeded our expectations so far and we can't wait to see the difference in fuel costs and emissions over the coming months.

Conrad Proctor, Costain Works Manager

”

