



IPG and Zircotec announce collaboration to support commercialisation of IPG Flameless Generator

26th April 2022, London: IPG and Zircotec are pleased to announce their strategic development partnership aimed at advancing thermal insulation coating solutions for the IPG Flameless Generator.

IPG, developer of the IPG Flameless Generator, and Zircotec, provider of surface coating solutions for thermal management, are pleased to announce their strategic partnership to explore incorporating Zircotec's thermal insulation coatings into IPG's generator to enhance high-temperature performance, helping to enable the delivery of pollutant-free, fuel-flexible power at high efficiencies.

This strategic partnership aims to evaluate the opportunities for optimising IPG's high-temperature components using Zircotec's thermal coating solutions. This enhancement promises to increase the high-temperature capabilities and longevity of IPG's product componentry, and enable methods and certifications for future volume production to be established.

"Our innovative technology utilises high temperatures to deliver dispatchable power without the pollutants. The IPG-Zircotec collaboration represents an exciting partnership for IPG as Zircotec's proven expertise in thermal coatings will enable IPG to optimise the high-temperature parts of our clean-and-green replacement to the diesel generator," said **Toby Gill, CEO of IPG**.

"At Zircotec, we believe in the importance of supporting emerging innovative technologies," said **Graeme Barette, Chief Commercial Officer at Zircotec**. "Not only does IPG's product promise to lead industries ranging from construction to EV charging to their net-zero targets, it also promises an additional high-volume application for Zircotec's thermal management solutions. We are excited to partner with IPG to contribute towards the development of a market-ready solution for a greener future."

IPG is currently delivering a £1 million prototype project with National Highways to demonstrate the IPG Flameless Generator, delivering off-grid, pollutant-free power from both hydrogen and natural gas. Following a £2m close of their seed round in March 2021, IPG are preparing to launch a crowdfunding campaign to raise additional funds to support deployment of customer pilot trials.

Zircotec are recognised and trusted heat management specialists, providing heat management expertise to numerous sectors and offering a range of high-performance, compact, and lightweight products and services to help solve the sector's ever more challenging heat management issues.

Zircotec will help optimise IPG's high-temperature componentry as they progress towards the goal of delivering the innovative IPG Flameless Generator to market.

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Image caption: rendered product image of The IPG Flameless Generator.

About IPG

IPG is a British climate-tech company, reinventing fuel-based power for the renewable future, to enable businesses to end their reliance on diesel generators.

The IPG Flameless Generator is a 100 kW modular power solution, delivering pollutant-free power from any renewable fuel. High efficiencies deliver low-cost, low-carbon power on today's fuels, whilst dynamic fuel flexibility de-risks the transition to net-zero fuels.

www.ipg.energy.com.

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About Zircotec

Zircotec is a technology innovation company specialising in the application of surface coatings for thermal management and aesthetic finishing of components of various substrate materials. For the purpose of protection in aggressive environments or to improve their functionality.

www.zircotec.com

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