

IPG leverages Autodesk support for flameless power generator design

25th May 2021, London: IPG, and the positive environmental impact of its technology, is recognised by the Autodesk Technology Impact Program. The start-up, who is reinventing fuel-based power for the net-zero future, has been awarded a full suite of Autodesk product design software.

IPG announce today they have joined a cohort of pioneering start-ups, entrepreneurs and non-profits, working to drive positive social and environmental impact, as a participant of Autodesk's Technology Impact Program.

The climate-tech hardware start-up has received a donation of five full licenses for the complete product development and manufacturing software collection for three years, to support continued development of their flameless generator technology.

IPG's innovation in fuel-flexible flameless combustion represents a significant step in addressing the environmental impact of the distributed fuel-based power sector. Their technology is designed to deliver pollutant-free power from any fuel, and can support global decarbonisation targets and improve air quality for millions by enabling the transition from fossil fuel to net-zero- and zero-carbon alternatives.

"Climate action failure and the impact of air pollution on public health are two of the greatest challenges we are facing globally. It is our mission to reinvent distributed fuel-based power and bring to market a power generation technology that can enable businesses, across many industries, to end their reliance on the diesel generator," said **Toby Gill, CEO of IPG**.

"We are thrilled Autodesk recognise the positive environmental impact of our technology and we look forward to leveraging the full suite of their design software to contribute to a more sustainable future with the IPG Flameless Generator," **said Gill**.

The suite of software donated by Autodesk contains over 50 different products, including Inventor, Vault PDM, Inventor Nastran and Inventor CAM.

"Inventor is an invaluable tool for IPG, through which we design, develop and analyse our technology, and create the drawing, assembly and build files," said **Brett Moolenschot, Product Manager of IPG**. "As IPG begins to move towards productionisation of our technology, this support from Autodesk will allow our engineering team to work quickly and efficiently and make the transition from our prototype to market ready product more seamless."

To learn more about IPG's Flameless Ceramic Turbine, join their latest funding round, or find out about their future commercial trials, visit www.inpowergen.com.

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Image caption: rendered product image of IPG's flameless generator.

About Intelligent Power Generation

Intelligent Power Generation (IPG) is a British climate-tech company and developers of the IPG Flameless Generator – a 100kW modular generator designed to accelerate the decarbonisation of fuel-based power by de-risking the switch to renewable fuels.

Through innovation in flameless combustion technology and high-temperature ceramics, the Flameless Ceramic Turbine delivers pollutant-free power from any renewable fuel, all at a levelized cost of energy comparable to a diesel generator.

IPG is the first company to commercialise fuel-flexible flameless combustion in small-scale power generation. They are working with leading universities, government agencies and pioneering companies to bring distributed fuel-based power in line with our climate ambitions.

www.inpowergen.com

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About Autodesk Technology Impact Programme

Autodesk makes software for people who make things. Across the manufacturing, architecture, building, construction, and entertainment industries, Autodesk gives you the power to make anything. Through our Technology Impact Program, you can access powerful software to drive greater social and environmental impact in the world.

Qualifying entrepreneurs, startups, and nonprofits can apply to receive a donation of Autodesk software. Experience the power of 3D design, engineering, visualization, and simulation tools and amplify your impact on the world.

<https://www.autodesk.com/sustainability/technology-impact-program>