

Munich, 27th October 2022

John F Hunt Power acquires World's first Hydrogen-Flybrid Generator

Following its launch last week, the first 105kVA TecnoGen/PUNCH Hydrogen-Flywheel Generator has been purchased by John F Hunt Power.

Sharing the common commitment to be market leaders, the 20-year relationship between BGG TecnoGen and John F Hunt was strengthened earlier this year when Hunt invested £12 million in the largest single purchase of Stage V Generators in the UK.

Now, an innovative collaboration between TecnoGen and the PUNCH Group has resulted in a 'World First', by combining a Hydrogen Engine with Flywheel Power System technology, integrated into a generator.

PUNCH Hydrocells developed the hydrogen engine, which is based on a robust diesel engine design, already being produced in high volumes for other applications. The integrated Flywheel Power System, developed by PUNCH Flybrid, rapidly injects high powered energy, increasing the dynamic load response and peak power of the generator for demanding applications as required.

The unit itself has been created by TecnoGen, part of the Bruno Group based in Italy, whose generators are characterised by incredibly low noise, high efficiency and outstanding reliability.

The John F Hunt Group, who are openly committed to achieving Net Zero emissions, have closely monitored the revolutionary developments in the hydrogen sector for some time and have seen this as the right moment in time to invest in the technology via their Power Rental business.

David Hunt, Managing Director of John F Hunt Power said *"This purchase is the first of several projects that we are engaged in. We are working with globally recognised brands to deliver different approaches to the application of hydrogen for the power industry. I'm delighted that together, TecnoGen and PUNCH have developed this ground-breaking generator technology, which adds immense credibility to their product advancement"*

Renato Bruno, Founder Bruno Generators Group commented: *"We have a 20 year business relationship with John F Hunt Power and appreciate their commitment to our latest product developed together with the PUNCH Group. This new Hydrogen + Flybrid generator underlines the ambition of TecnoGen to be market leaders."*

Guido Dumarey, Founder PUNCH Group added: *"In order to enable sustainable power for all, we need to change where our energy is coming from. We see hydrogen as a key element in the drive to Net Zero emissions. The purchase of the first Hydrogen + Flybrid generator set by innovative market-leaders John F Hunt Power is an important step in this direction."*

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NOTES FOR EDITOR:

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Additional Information:

John F Hunt Power (part of the John F Hunt Group)

John F Hunt Power was formed in 1998 to serve the Construction, Event, Rail and Utilities markets. The business provides UK coverage for the hire, sale and installation of power generating units focusing on fuel saving, emission control and acoustic performance. The state-of-the-art fleet offers fuel efficient, Silenced, Ultra Quiet, Stage V, Hybrid and Flybrid Generators, along with LED Lighting Towers, distribution equipment and GreenD HVO fuel supply.

Working closely with Regional Electricity Companies (REC), Rail and Utilities Sectors, John F Hunt has a full range of machinery and connectors which have been developed specifically to support these specialised industries.

<https://www.johnfhuntpower.co.uk/> <https://www.johnfhunt.co.uk/>

TECNOGEN (part of BGG)

Tecnogen is part of Bruno Generators Group (BGG), which is one of the world's leading operators in the power generation sector, and its generating sets are considered the gold standard for applications requiring superior technical and quality specifications. In fact, the Group is focused on the engineering and production of premium generation systems, with high customization and industry-leading performance in terms of energy efficiency, emissions containment, soundproofing, and resistance to extreme environmental conditions. These product features, deriving from proprietary research and development, are protected by patents, and are particularly appreciated by the rental market.

BGG's generators are used in various sectors such as: energy, oil and gas, telecommunications and data centres, shipbuilding, infrastructure, defence and civil protection (UN, NATO), event

organization (e.g. Tokyo 2020 Olympics, Hollywood studios, Monte Carlo F1 GP). The Group, with 4 plants in Italy (Piacenza, Grottaminarda, Bari and Milan), and a direct commercial presence in UK, USA and Germany, has an established international presence (exports account for over 60% of turnover) in more than 70 countries with a wide and heterogeneous customer base active in diversified target markets.

PUNCH Group

PUNCH Group, founded in Belgium, has a strong international footprint that has been the key to growth. The vision of the group is to set a future with sustainability mobility for all, turning challenges into opportunities by leveraging proven technologies with innovation.

PUNCH Hydrocells, based in Turin in the "Cittadella Politecnica", is PUNCH Group's unit focused on the energy transition and the decarbonization challenge. Our Hydrogen solutions cover the entire value-chain of the hydrogen ecosystem: Production, Storage and Distribution, Fuel Cells and H₂ Engines.

PUNCH Flybrid has developed energy recovery technology that uses high power densities to achieve exceptional performance. All our products are based on advanced, high-speed flywheel energy storage technology. Originally designed for the high intensity life of motorsport, PUNCH Flybrid's systems have demonstrated their performance under demanding conditions in various applications in off-highway, power generation, commercial vehicles and passenger cars.