

Fuel cost reduction.



BROWN'S GAS
SYSTEMS

PRESS RELEASE

YBG Group International brings clean energy solutions to the industrial sector with Brown's Gas Technology

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YBG Group International is proud to offer cutting-edge Brown's Gas industrial-scale generators that produce oxyhydrogen gas onsite from water. The technology, first discovered in a backyard workshop in Auburn, Sydney, Australia by Research Professor Yull Brown in 1973, has shown incredible potential in reducing fuel consumption, improving combustion efficiency, and decreasing costs for businesses.

One recent Customer Case Study conducted by YBG Group International confirmed that adding Brown's Gas to biomass waste fuels (like low grade thermal coal) resulted in a sixteen percent (16%) increase in combustion efficiency in boilers. This Manufacturing Industry Case Study demonstrated that burning low-calorific value fuels like biomass or coal with Brown's Gas support showed an ROI of just 6 months.

"Our generators are modular in design and can be connected in parallel, allowing for scalability and flexibility in meeting the energy needs of various industries," said a YBG Group International spokesperson. "For each 10MW of power plant output, one 20,000 L/hr Brown's Gas Generator is needed. Each connected bank of five machines will output 100,000 L/hr, capable of supplying a 25 MW power plant boiler."

By using Brown's Gas Technology, YBG Group International is leading the charge in industrial decarbonization and pollution eradication, empowering corporations to reduce fuel consumption and operate profitably with ROIs of less than one year. "YBG Group International embodies the

expansion intentions of its founder Research Professor Yull Brown to make his clean, cheap, non-polluting, and renewable energy technology available to all people of the world," added the spokesperson.

A recent technological transformation of a traditional 8 TPH Sawdust fuel boiler with a 10,000 L/hr Brown's Gas Oxyhydrogen Generator in Gujarat, India saved 16% of Agro waste and Sawdust consumed and showed an ROI of 6 months, demonstrating the real-world impact of YBG Group International's offerings.

Further information: www.yullbrowns.com.

ABOUT BROWN'S GAS SYSTEMS

YBG Group develops and delivers innovative cutting-edge Brown's Gas electrolyzers and modular systems for decarbonization that reduce traditional biomass and fossil fuels use and global warming emissions. This technology allows for the convenient, cost-effective, efficient, and flexible on-site production of oxyhydrogen gas. For over fifty years, these specialists have been pioneers in the development of fuel reduction technology, currently working across two locations in Australia and India to support a successful transition towards sustainable energy in all sectors that rely on fuel combustion. BROWN'S GAS SYSTEMS supplies the key "power-to-gas" technology for the power-to-X value chain.

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