

**PRESS RELEASE**

**INNIO Jenbacher Gas Engines Commissioned in China, Supporting Efforts to Reduce Environmental Impacts of Coal**

- Chongqing Energy Investment Group using Jenbacher J620 gas engines to generate power from coal mine methane gas
- Units part of Chongqing Songzao Coal Mine's on-site power plant expansion delivering 26.8 megawatts
- Early commissioning, despite COVID-19 challenges, helps to secure power supply for both coal mine and the community

**JENBACH, AUSTRIA — September 21, 2020 —** INNIO\* today announced the commissioning of eight Jenbacher\* gas engines at Chongqing Yuxin Energy's Chongqing Songzao Coal Mine plant, owned by Chongqing Energy Investment Group (CQEIG) in China. Located approximately 150 kilometers from Chongqing City, the 3.35-megawatt (MW) INNIO Jenbacher J620 gas engines are an expansion of the coal mine methane (CMM) gas-fueled power plant, delivering 26.8 MW and supporting China's efforts to reduce the environmental impacts of coal production.

The 26.8-MW expansion, completed at the end of June 2020, is part of a total of 55.8 MW of gas engine power mostly consumed by load of coal mine. The surplus power is connected to local grid for community. The Jenbacher gas engines capture the coal mine's methane-rich gas to produce on-site power, leading to significant benefits including:

- / Increased worker safety
- / Mitigation of greenhouse gas (methane)
- / Smooth operation despite fluctuations in gas pressure and methane content
- / Overall efficiency of up to 86.0%, in combined heat and power, and up to 42.8% in power generation alone
- / The project supports the government's goals for CMM exploration and utilization to help reduce the country's methane emissions and may enhance the new energy company's profit.

“INNIO’s Jenbacher gas engines are our technology of choice to support our increased power delivery efforts,” said Daoping Yang, deputy general manager of Yuxin Energy. “We are pleased with INNIO’s technological expertise and professionalism, especially with the challenges presented by the coronavirus. This project is a key part of our work to help improve the energy supply in the region and significantly reduce the Songzao mine’s on-site methane emissions. The early commissioning enabled us to provide an additional power source for the local grid and power supply for the communities in the mountains nearby our site during the COVID-19 challenges.”

Each of the eight INNIO gas engines successfully passed a 168-hour trial run. During the testing, the gas engines’ systems, gas pretreatment system, electric system, and water purification system met the customer’s requirements. Chongqing Energy Investment Group’s use of the Jenbacher J620s units mark the first time use of imported brands for the Chongqing Songzao Coal Mine. INNIO was chosen due to its expertise, technology, flexible engineering design and high fuel flexibility to burn the available coal mine gas.

While the project was delayed because of the COVID-19 outbreak, the plant’s commissioning time has been beyond customer expectation. Upon the reopening of business, INNIO and INNIO’s distributor CAMDA engineers ensured that they were strictly abiding the epidemic prevention regulations in the plant during the commissioning.

“The Chongqing Songzao Coal Mine gas-to-power expansion project is another example of how the INNIO Jenbacher gas engine fleet delivers for our customer,” said Bright Yin, general manager of INNIO China. “We appreciate the trust in our technology given by Chongqing Energy Investment Group and look forward to continuing our support in helping deliver greener and more secure gas-to-power energy.”

For the project, INNIO provided the gensets, commissioning services for the generator sets and related equipment. In addition to the Jenbacher gas engines, INNIO’s distributor, CAMDA, provided related balance of plant equipment—including the radiators, silencers, control panels, exhaust boilers and associated equipment as well as installation and other services. CAMDA thorough project management helped in exceeding customer expectations related to the commissioning the plant despite the COVID-19 challenges.

\* Indicates a registered trademark

### **About INNIO**

INNIO is a leading solutions provider of gas engines, power equipment, a digital platform and related services for power generation and gas compression at or near the point of use. With our Jenbacher and Waukesha product brands, INNIO pushes beyond the possible and looks boldly toward tomorrow. The diverse portfolio of dependable, economical and sustainable industrial gas engines with 200 kW to 10 MW of power meets the needs of a wide range of industries around the world. INNIO provides support for more than 52,000 gas engines delivered worldwide throughout their entire life cycle. Backed by a network of service providers in more than 100 countries, INNIO can respond immediately to local service needs.

Business headquarters are located in Jenbach, Austria. Other important locations include Welland, Ontario, Canada, and Waukesha, Wisconsin, USA. More detailed information is available at the company's website [www.innio.com](http://www.innio.com). Follow INNIO on [Twitter](#) and [LinkedIn](#).

### **For further information, please contact:**

Susanne Reichelt  
INNIO  
+43 664 80833 2382  
[susanne.reichelt@innio.com](mailto:susanne.reichelt@innio.com)