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Press Release

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CALDWELL ENERGY BREAKS GROUND ON NEW FACILITY FOR TURBINE INLET COOLING TECHNOLOGIES

Louisville, KY — Caldwell Energy, the global leader in turbine inlet cooling technologies, is pleased to announce the groundbreaking of its new state-of-the-art facility in Shelbyville, Kentucky. This expansion underscores the company's commitment to innovation and its dedication to meeting the evolving needs of the energy sector.

The groundbreaking ceremony will take place on April 7, 2025, with company executives, local officials, and community leaders in attendance. Don Shepherd, CEO of Caldwell Energy, will address the gathering, emphasizing the company's mission to enhance energy efficiency and performance through advanced technologies.

"This new facility represents a significant milestone for Caldwell Energy," said Don Shepherd. "It will enable us to expand our research and development capabilities, bringing cutting-edge solutions like our Wet Compression Technology (CWCT)[™] and PowerFog®, Powto a broader market rapidly."

Caldwell Energy is renowned for providing a comprehensive suite of turbine inlet cooling solutions, including:

- **Wet Compression Technology (CWCT)[™]**: Enhances combustion turbine output and efficiency by injecting fine water droplets into the compressor inlet, achieving up to a 15% increase in power output with improved heat rate. This technology is additive to other inlet cooling methods
- **PowerFog®**: Utilizes high-pressure fogging systems to cool inlet air, improving turbine performance by 10% and reducing operational costs.
- **PowerStor®**: Offers thermal energy storage solutions that enable peaking power plants to efficiently manage energy demand and supply.
- **PowerChill®**: Provides chiller-based turbine inlet cooling systems to maintain optimal operating temperatures, enhancing turbine efficiency and reliability.

The new facility will house advanced manufacturing and testing equipment, allowing Caldwell Energy to accelerate the development and deployment of these technologies. It will also create new employment opportunities in the Louisville area, contributing to the local economy.

For more information about Caldwell Energy and its innovative solutions, please visit

www.caldwellenergy.com or contact:

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About Caldwell Energy

Caldwell Energy specializes in turbine inlet cooling technologies, offering a range of solutions designed to enhance the performance and efficiency of combustion turbines. With a focus on innovation and quality, Caldwell Energy serves clients worldwide, delivering customized systems that meet the unique demands of the energy industry.