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PRESS RELEASE

FOR IMMEDIATE RELEASE

24 April, 2025

EXCEED Geo Energy and Peregrine Turbine Technologies Advance Strategic Manufacturing and Supply Collaboration for Carbon-Negative Geothermal Power

Austin, TX & Wiscasset, ME– EXCEED Geo Energy (EXCEED) and Peregrine Turbine Technologies (PTT) are pleased to announce a strategic manufacturing and supply partnership to support the deployment of EXCEED's groundbreaking Infinity-Loop™ geothermal systems at scale. This agreement outlines the collaborative development and delivery of supercritical CO_2 (sCO_2) power turbines specifically designed for EXCEED's closed-loop geothermal technology—marking a significant step toward gigawatt-scale carbon-negative energy production.

EXCEED's Infinity-Loop™ platform leverages supercritical CO_2 as a working fluid to boost geothermal energy output by up to 50% over traditional technologies, while also sequestering carbon dioxide, creating a net-negative environmental impact. The fully closed-loop system circulates sCO_2 through engineered wellbores to extract deep geothermal heat efficiently—without releasing greenhouse gases.

At the core of this manufacturing collaboration are PTT's next-generation sCO_2 turbines, designed to seamlessly integrate with EXCEED's high-efficiency geothermal architecture. These turbines are heat source agnostic and optimized for EXCEED's proprietary system, delivering unmatched configurability and modularity. The initial product scope includes a 25 MW platform capable of supporting 10, 15, 20, and 25 MW units, as well as a 50 MW platform, enabling site-specific, "configure-to-order" deployments and scalable upgrades.

Key components of the collaboration include:

- Joint development of EXCEED-specific sCO_2 turbines.
- Integrated manufacturing and supply chain infrastructure, in partnership with TURBOCAM International, located in Barrington, NH, and at PTT's facilities located in Wiscasset, ME and in Pittsfield, ME
- Geothermal well-based testing at PTT facilities to validate turbine performance and support projected high-volume production.
- Use of Demand Flow Technology (DFT) to enable flexible, high-mix turbine production tailored to EXCEED's global project pipeline.
- Manufacture in ISO-certified, ITAR-registered facilities, with quality governed by SPC and DFT systems.

This collaboration strengthens both companies' commitment to deploying carbon-negative, baseload geothermal power on a global scale. The combined technology is well-suited for high-demand applications including data centers, utilities, industrial users, critical infrastructure, and remote/off-grid communities.

About EXCEED Geo Energy

EXCEED Geo Energy is a global leader in geothermal innovation, delivering scalable, carbon-negative baseload power using advanced drilling, carbon management, and digital-enabled operations. With over 150 years of combined experience—most rooted in oil and gas—EXCEED's team has drilled more than 25 geothermal wells and 3,250 oil and gas wells, pioneering a bold new standard for clean, continuous power.

Learn more: exceedgeoenergy.com

About Peregrine Turbine Technologies (PTT)

Founded in 2012, PTT is a privately held Maine company developing advanced sCO_2 turbines for power generation, propulsion, and energy storage. Supported by the Air Force Research Lab (AFRL), Office of Naval Research (ONR), and Maine Technology Institute (MTI), and backed by a long-term CRADA with Sandia National Laboratories, PTT leads in Brayton-cycle turbine development. With a leadership team drawing experience from GE, Rolls Royce, Pratt & Whitney, and more, PTT is shaping the future of thermal power.

Learn more: peregrineturbine.com