NEWS RELEASE

Pulsar Helium Announces Promising Pre-Feasibility Results for Tunu Project in East Greenland

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CASCAIS, Portugal, Sept. 29, 2025 (GLOBE NEWSWIRE) -- Pulsar Helium Inc. (AIM: PLSR, TSXV: PLSR, OTCQB: PSRHF) ("Pulsar" or the "Company"), a leading helium project development company, is pleased to report that an independent Pre-Feasibility Study ("PFS") by Sproule-ERCE has confirmed the promising geothermal reservoir potential and associated helium production opportunity at the Company's Tunu helium-geothermal project in East Greenland ("Tunu" or the "Project").

Although the data in the area is too limited to confirm the feasibility at this stage, the assessment identifies a geothermal resource near the town of Ittoqqortoormiit, with estimated reservoir temperatures between 80–130°C, where conductive faults/fractures are considered the main driver behind fluid flow. It highlights dual development scenarios that could supply renewable power to the local community and enable commercial helium extraction from produced gases, underscoring Tunu's promise as a dual clean energy and industrial gas project.

Highlights

- Independent PFS by Sproule-ERCE confirms the presence of an active geothermal system beneath Liverpool Land, with geochemical and geophysical evidence indicating subsurface reservoir temperatures of 80–130°C.
- Reservoir analytical modelling shows potential flow rates of up to ~720 m^3 / hour in the best-case scenarios, supporting the production of geothermal power sufficient to supply the entire settlement of Ittoqqortoormiit with clean energy, while also providing surplus capacity for helium separation.

- In high-case scenarios, helium recovery could reach ~350 thousand cubic feet (Mcf) per day, representing one of the most prospective primary helium opportunities in Europe, unassociated with hydrocarbons.
- Binary cycle and dual-flash geothermal power systems were identified as the most feasible options, with estimated capital expenditures of USD $20–30 million, demonstrating realistic pathways to integrated helium and renewable power production.
- The Governments of Greenland and Denmark have announced funding for a new airport at Ittoqqortoormiit, adjacent to the Tunu Project with construction slated to commence in 2026. The airport will provide year-round access and dramatically improve logistics for Pulsar's future field programs and potential development.

Thomas Abraham-James, President & CEO of Pulsar, commented:

"The results of this independent Pre-Feasibility study, combined with the announcement of a new airport at Ittoqqortoormiit, highlight the extraordinary potential of the Tunu Project. Tunu is not only one of the very few primary helium prospects in Europe, but also a project that aligns perfectly with Greenland and Europe's future energy and critical raw material needs."

"With minimal existing infrastructure in East Greenland, the ability to power our planned helium plant directly from geothermal energy is transformative, delivering clean, baseload electricity to the local community while simultaneously reducing our operational expenses as we develop a pathway towards sustainable helium production. This unique synergy of renewable power and critical resource development positions Pulsar to both support the Greenlandic community with reliable energy and deliver helium to global markets at a time of growing strategic demand. We are excited to advance into the next phase of exploration and unlock the significant opportunities at Tunu."

Pre-Feasibility Study Detail

The independent Pre-Feasibility Study by Sproule-ERCE provides preliminary evidence that Tunu could host a working geothermal system capable of producing both clean energy and helium. Analysis of hot spring samples indicates underground temperatures of 80–130°C, warm enough to generate electricity. In the best-case scenario, the fractured rocks beneath Tunu could allow enough hot water to flow to the surface to power both the local community of Ittoqqortoormiit and the equipment needed to separate helium from the gases dissolved in the water.

If these stronger flow conditions are confirmed, a single well pair could fully decarbonize Ittoqqortoormiit's

electricity supply and provide an additional 4.2 megawatts of power for helium processing. This would support daily helium production of ~350,000 cubic feet, positioning Tunu one of the very few primary helium resources in Europe. The study examined different plant designs, finding that either a binary cycle or a double flash system could achieve these results. Costs for such facilities are estimated at US$20–30 million, a relatively modest investment considering the scale of the opportunity and the low-carbon credentials of the project.

The study also makes clear that outcomes depend heavily on the size and connectivity of the underground fracture system. If the rock proves less permeable, flow rates, and therefore power and helium volumes, could be lower. To reduce this risk, Sproule-ERCE recommends a focused 2026 program including magneto-telluric surveys, further hot spring sampling, and eventually a slim appraisal well to directly measure reservoir conditions. These steps will allow Pulsar to refine the project design, strengthen confidence for investors and potential partners, and unlock a strategically important source of renewable power and critical helium supply for Europe.

Regional Infrastructure Update

The Governments of Greenland and Denmark have announced plans to fund a new airport at Ittoqqortoormiit with construction slated to begin in 2026 until 2029. This facility, located adjacent to the Tunu Project, will provide direct year-round access to a region that is currently only seasonally accessible by ship and charter flights. The new airport is expected to substantially reduce logistical costs and increase efficiency for Pulsar's future field programs and eventual construction activities, further improving the economic outlook for Tunu.

Project Progress to Date

Over the past 18 months, Pulsar has advanced Tunu from a conceptual opportunity to a defined project supported by multiple independent lines of evidence. Early surface exploration identified hot springs venting gases with helium concentrations as high as 0.8%, one of the highest levels measured in Europe. This discovery underscored Tunu as a rare primary helium occurrence un-associated with hydrocarbons.

In 2024, Pulsar executed a passive seismic survey across the Kap Tobin prospect, deploying 150 sensors at close spacing. The survey identified two prominent low-velocity anomalies between 50–200 meters depth, coincident with surface hot springs and a major fault system. These anomalies are interpreted as fractured reservoirs capable of storing and channeling helium-rich fluids. The data also indicated a higher degree of fracturing than previously anticipated, a positive sign for both gas migration and geothermal circulation.

To build on these results, Pulsar engaged Sproule-ERCE in June 2025 to conduct the Pre-Feasibility Study.

Leveraging its global geothermal expertise, Sproule-ERCE integrated the seismic, geochemical, and geological datasets into a coherent subsurface model and delivered the assessment now reported.

Mineral Exploration Licence

Pulsar is the first company licensed for helium exploration in Greenland, holding an exclusive Mineral Exploration Licence 2025/101 and a non-exclusive Prospecting Licence 2021/46. The Tunu project is wholly within MEL 2025/101 that was granted in 2025 and has an initial term of five years, extendable up to 22 years, providing the Company with a long-term foundation for project development.

About the Tunu Project

Pulsar's Tunu Project is located on the east coast of Greenland, near Ittoqqortoormiit and the Scoresby Sound fjord system. The Project is notable for being one of the few primary helium occurrences identified in Europe, with helium concentrations in sampled hot springs reaching up to 0.8% and also demonstrates significant geothermal energy prospectivity with reservoir temperatures estimated between 80°C and 110°C, making cogeneration of power and heat potentially feasible. The gas composition is primarily nitrogen and helium, and is not associated with hydrocarbons or CO_2, which is rare among global helium projects.

On behalf Pulsar Helium Inc.
"Thomas Abraham-James"
President, CEO and Director

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About Pulsar Helium Inc.

Pulsar Helium Inc. is a publicly traded company quoted on the AIM market of the London Stock Exchange and listed on the TSX Venture Exchange with the ticker PLSR, as well as on the OTCQB with the ticker PSRHF. Pulsar's portfolio consists of its flagship Topaz helium project in Minnesota, USA, and the Tunu helium project in Greenland. Pulsar is the first mover in both locations with primary helium occurrences not associated with the production of hydrocarbons identified at each.

Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.

Forward-Looking Statements

This news release contains forward-looking information within the meaning of Canadian securities legislation (collectively, "forward-looking statements") that relate to the Company's current expectations and views of future events. Any statements that express, or involve discussions as to, expectations, beliefs, plans, objectives, assumptions or future events or performance (often, but not always, through the use of words or phrases such as "will likely result", "are expected to", "expects", "will continue", "is anticipated", "anticipates", "believes", "estimated", "intends", "plans", "forecast", "projection", "strategy", "objective" and "outlook") are not historical facts and may be

forward-looking statements. Forward-looking statements herein include, but are not limited to, statements relating to the potential impact for conducting geophysical surveys, drilling future wells, and a pre-feasibility study at the Tunu Project. Forward-looking statements may involve estimates and are based upon assumptions made by management of the Company, including, but not limited to, the Company's capital cost estimates, management's expectations regarding the availability of capital to fund the Company's future capital and operating requirements and the ability to obtain all requisite regulatory approvals.

No reserves have been assigned in connection with the Company's property interests to date, given their early stage of development. The future value of the Company is therefore dependent on the success or otherwise of its activities, which are principally directed toward the future exploration, appraisal and development of its assets, and potential acquisition of property interests in the future. No un-risked Contingent and Prospective Helium Volumes have been defined at the Tunu Project. However, estimating helium volumes is subject to significant uncertainties associated with technical data and the interpretation of that data, future commodity prices, and development and operating costs. There can be no guarantee that the Company will successfully convert its helium volume to reserves and produce that estimated volume. Estimates may alter significantly or become more uncertain when new information becomes available due to for example, additional drilling or production tests over the life of field. As estimates change, development and production plans may also vary. Downward revision of helium volume estimates may adversely affect the Company's operational or financial performance.

Helium volume estimates are expressions of judgement based on knowledge, experience and industry practice. These estimates are imprecise and depend to some extent on interpretations, which may ultimately prove to be inaccurate and require adjustment or, even if valid when originally calculated, may alter significantly when new information or techniques become available. As further information becomes available through additional drilling and analysis the estimates are likely to change. Any adjustments to volume could affect the Company's exploration and development plans which may, in turn, affect the Company's performance. The process of estimating helium resources is complex and requires significant decisions and assumptions to be made in evaluating the reliability of available geological, geophysical, engineering, and economic date for each property. Different engineers may make different estimates of resources, cash flows, or other variables based on the same available data.

Forward-looking statements are subject to a number of risks and uncertainties, many of which are beyond the Company's control, which could cause actual results and events to differ materially from those that are disclosed in or implied by such forward- looking statements. Such risks and uncertainties include, but are not limited to, that Pulsar may be unsuccessful in drilling commercially productive wells; the uncertainty of resource estimation; operational risks in conducting exploration, including that drill costs may be higher than estimates ; commodity

prices; health, safety and environmental factors; and other factors set forth above as well as risk factors included in the Company's Annual Information Form dated July 31, 2025 for the year ended September 30, 2024 found under Company's profile on **www.sedarplus.ca**.

Forward-looking statements contained in this news release are as of the date of this news release, and the Company undertakes no obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as may be required by law. New factors emerge from time to time, and it is not possible for the Company to predict all of them or assess the impact of each such factor or the extent to which any factor, or combination of factors, may cause results to differ materially from those contained in any forward-looking statement. No assurance can be given that the forward-looking statements herein will prove to be correct and, accordingly, investors should not place undue reliance on forward-looking statements. Any forward-looking statements contained in this news release are expressly qualified in their entirety by this cautionary statement.

Source: Pulsar Helium