



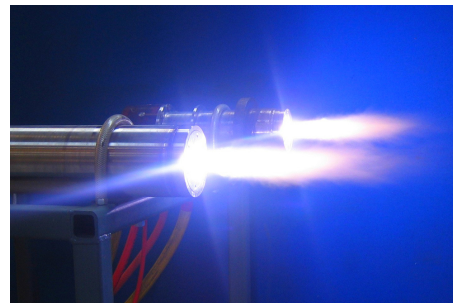
## PyroGenesis Confirms Successful Delivery of 4.5 MW Plasma Torch to U.S. Aeronautics and Defense Client

January 27, 2026

**Delivery lays the groundwork for four-fold scale-up to a 20 MW plasma torch, currently in development for same aerospace client.**

MONTREAL, Jan. 27, 2026 (GLOBE NEWSWIRE) -- PyroGenesis Inc. ("PyroGenesis") (TSX: PYR) (OTCQX: PYRGF) (FRA: 8PY1), the leader in ultra-high temperature processes and engineering innovation, and a plasma-based technology provider to heavy industry & defense, confirms today the successful delivery of a 4.5 MW plasma torch to its client, a U.S. aeronautics and defense client.

Image



PyroGenesis plasma torch.

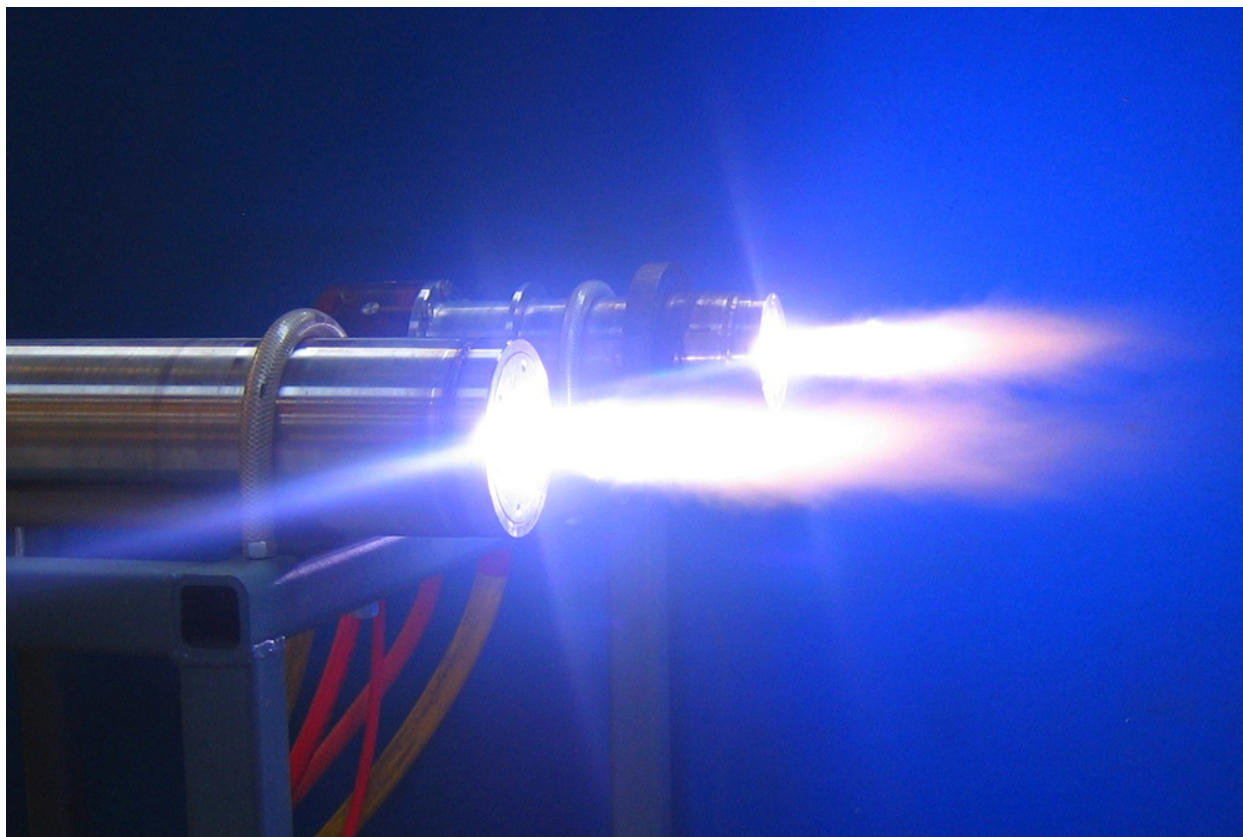


Image: PyroGenesis plasma torch.

As announced [previously](#), PyroGenesis signed a contract valued at approximately \$4.13 million (US\$3.13 million) with a U.S. corporation who regularly serves as a prime contractor for the U.S. government as well as for public and private customers in the aeronautics and related industries. The contract is for the design and build of a 4.5 MW plasma torch system and related peripherals.

The client, with extensive experience as an innovation hub providing technology and test services to solve critical defense, military, and aeronautics challenges, is home to some of the most renowned scientists in the world, who collectively have contributed to a variety of landmark achievements in US history, especially in aeronautics. The client's facilities house unique full-scale test conditions considered essential to U.S. national security.

As outlined in the outlook section of PyroGenesis' Q3 2025 earnings report (press release dated November 11, 2025), the project had advanced considerably, with engineering and fabrication completed, and assembly underway at that time, with estimated delivery and startup of the torch system at the client's facility in Q1 2026.

With today's announcement, PyroGenesis confirms that the completed torch has been delivered to the client's facility. Installation, startup, and testing will commence upon the arrival of the remaining peripheral components and power supply, expected to occur over the coming weeks. These milestones have triggered recent invoicing of \$1 million.

"The completion and delivery of the 4.5 MW plasma torch underscores our ability to continuously raise the bar with respect to plasma power, and as a result expand the role of plasma-based solutions into increasingly demanding applications across heavy industry, aerospace, and defense," said Mr. P. Peter Pascali, CEO and President of PyroGenesis. "When we announced this project, the 4.5 MW system represented our highest-powered platform to date—a significant step up from the 900 kW system offered in 2020 and the 2.5 MW system developed in 2022. The successful delivery of the 4.5 MW torch marks another important threshold in our technical evolution. Importantly, it also lays the groundwork for the next major achievement, namely a scale-up to a 20 MW plasma torch, ordered by the same aerospace client in October 2024 (news release dated October 21, 2024), and which our research shows will be the largest plasma torch ever produced commercially."

#### **About PyroGenesis Inc.**

PyroGenesis leverages 35 years of plasma technology leadership to deliver advanced engineering solutions to energy, propulsion, destruction, process heating, emissions, and materials development challenges across heavy industry and defense. Its customers include global leaders in aluminum, aerospace, steel, iron ore, utilities, environmental services, military, and government. From its Montreal headquarters and local manufacturing facilities, PyroGenesis' engineers, scientists, and technicians drive innovation and commercialization of energy transition and ultra-high temperature technology. PyroGenesis' operations are ISO 9001:2015 and AS9100D certified, with ISO certification maintained since 1997. PyroGenesis' shares trade on the TSX (PYR), OTCQX (PYRGF), and Frankfurt (8PY1) stock exchanges.

#### **Cautionary and Forward-Looking Statements**

*This press release contains "forward-looking information" and "forward-looking statements" (collectively, "forward-looking statements") within the meaning of applicable securities laws. In some cases, but not necessarily in all cases, forward-looking statements can be identified by the use of forward-looking terminology such as "plans", "targets", "expects" or "does not expect", "is expected", "an opportunity exists", "is positioned", "estimates", "intends", "assumes", "anticipates" or "does not anticipate" or "believes", or variations of such words and phrases or state that certain actions, events or results "may", "could", "would", "might", "will" or "will be taken", "occur" or "be achieved". In addition, any statements that refer to expectations, projections or other characterizations of future events or circumstances contain forward-looking statements. Forward-looking statements are not historical facts, nor guarantees or assurances of future performance but instead represent management's current beliefs, expectations, estimates and projections regarding future events and operating performance. Forward-looking statements are necessarily based on a number of opinions, assumptions and estimates that, while considered reasonable by PyroGenesis as of the date of this release, are subject to inherent uncertainties, risks and changes in circumstances that may differ materially from those contemplated by the forward-looking statements. Important factors that could cause actual results to differ, possibly materially, from those indicated by the forward-looking statements include, but are not limited to, the risk factors identified under "Risk Factors" in PyroGenesis' latest annual information form, and in other periodic filings that it has made and may make in the future with the securities commissions or similar regulatory authorities, all of which are available under PyroGenesis' profile on SEDAR+ at [www.sedarplus.ca](http://www.sedarplus.ca). These factors are not intended to represent a complete list of the factors that could affect PyroGenesis. However, such risk factors should be considered carefully. There can be no assurance that such estimates and assumptions will prove to be correct. You should not place undue reliance on forward-looking statements, which speak only as of the date of this release. PyroGenesis undertakes no obligation to publicly update or revise any forward-looking statement, except as required by applicable securities laws. Neither the Toronto Stock Exchange, its Regulation Services Provider (as that term is defined in the policies of the Toronto Stock Exchange) nor the OTCQX Best Market accepts responsibility for the adequacy or accuracy of this press release.*

For further information contact [ir@pyrogenesis.com](mailto:ir@pyrogenesis.com) or visit <http://www.pyrogenesis.com>

A photo accompanying this announcement is available at <https://www.globenewswire.com/NewsRoom/AttachmentNg/ffb5de5b-69b2-4e65-b8d3-eeb1f11c2e4a>