

## NEWS >>>

### **First Tellurium Announces Invitation from U.S. National Science Foundation to Consider Research Grant for Thermoelectric Device**

The request marks the first step in obtaining grant-based funding from the prestigious institution that supports science and engineering in the U.S.

**Vancouver, BC, Canada, July 10, 2024** – First Tellurium Corp. (CSE: **FTEL**, OTC: **FSTTF**), reports that Michael Abdelmaseh, head of First Tellurium’s subsidiary PyroDelta Inc and inventor of PyroDelta’s tellurium-based thermoelectric generator, has been invited to submit a full Phase I funding proposal to the U.S. [National Science Foundation’s](#) (NSF) Small Business Innovation Research (SBIR)/[Small Business Technology Transfer](#) (STTR) program. This invitation follows the successful evaluation of an initial project proposal in the NSF’s STTR Energy Technologies (EN) category.

“I want to emphasize that this potential grant would be in addition to the funding of up to US\$29 million by RESOLVE Inc, as announced in our [June 25<sup>th</sup> news release](#),” said First Tellurium President and CEO Tyrone Docherty. “The NSF grant would be of great value to us, not only for the dilution-free funding, but also because the NSF is highly respected in the U.S. for backing top-quality innovations. Their seal of approval would open other doors for collaboration and partnerships.”

The U.S. National Science Foundation is an independent federal agency that supports science and engineering in all 50 states and U.S. territories. The agency fulfills its mission chiefly by making grants for projects that show merit.

“The National Science Foundation is a very prestigious and selective institution,” said Abdelmaseh. “This opportunity represents the first and vital step in the process to obtain grant-based funding from them. I was surprised and very pleased by how quickly they responded.”

The NSF SBIR/STTR program is known for its rigorous standards and support of innovative research and development in small businesses. The grant proposal aims to advance the thermoelectric module technology, which enhances existing solar systems, particularly where space is limited. The device also offers the potential for many exciting applications in a broad spectrum of sectors.

PyroDelta has recently published a [video](#) that explains how the thermoelectric device works with solar power installations.

“This is the first in a series of videos about various applications for the device,” said Docherty. “We anticipate publishing additional versions for the auto, agriculture and drone industries, as well as others.”

#### **About First Tellurium Corp.**

First Tellurium’s unique business model is to generate revenue and value through mineral discovery, project development, project generation and development of tellurium-based technologies.

First Tellurium proudly adheres to, and supports, the principles and rights set out in the United Nations Declaration on the Rights of Indigenous Peoples and in particular the fundamental proposition of free, prior and informed consent. First Tellurium is listed on the Canadian Stock Exchange under the symbol “FTEL” and on the OTC under the symbol “FSTTF”. Further information about FTEL and its projects can be found on [www.firsttellurium.com](http://www.firsttellurium.com).

On behalf of the board of directors of  
First Tellurium Corp.

“Tyrone Docherty”

Tyrone Docherty  
President and CEO

For further information please contact:

**Tyrone Docherty**  
604.789.5653  
tyrone@firsttellurium.com

**X/Twitter:**

<https://twitter.com/TelluriumCorp>

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