# Infinite Cooling Awarded Phase II NSF SBIR

**Somerville MA, September 30th, 2020** – Infinite Cooling Inc. has been awarded a Phase II National Science Foundation (NSF) Small Business Innovation Research (SBIR) Cooperative Agreement for nearly $1M to conduct research and development (R&D) work on its patent-pending technology to reduce power plant water consumption.

According to studies by the UN and the US State Department, we are on the path to an extreme freshwater shortage by 2030. The US's largest water withdrawal use is power plants, which account for 39% of total US freshwater withdrawals, mostly for cooling. Infinite Cooling's technology can make a significant impact on the water availability in the US and globally. For all the power plants in the US, Infinite Cooling's technology can save up to 200 billion gallons of water a year. These savings can result in millions of dollars of savings in water sourcing and treatment costs for a single power plant.

"NSF is proud to support the technology of the future by thinking beyond incremental developments and funding the most creative, impactful ideas across all markets and areas of science and engineering," said Andrea Belz, Division Director of the Division of Industrial Innovation and Partnerships at NSF. "With the support of our research funds, any deep technology startup or small business can guide basic science into meaningful solutions that address tremendous needs."

"Here at Infinite Cooling, we are passionate about solving the country's and world's freshwater availability problems as well as providing an economic water saving solution to our customers in the power industry. These Phase II NSF SBIR funds will enable us to further prove our technology to the market and achieve our vision of becoming a new standard for best water practices in evaporative cooling," said Karim Khalil, PhD, CTO and Co-Founder of Infinite Cooling and PI of the SBIR.

"We are grateful to receive this continued support from the National Science Foundation and are excited to build upon the progress we made during Phase I. These Phase II funds will help us achieve our goal of producing cheap clean water to those who need it the most and increasing the competitiveness of power generation and industrial assets," added Maher Damak, PhD, CEO & Co-Founder of Infinite Cooling.

To learn more about America's Seed Fund powered by NSF, visit: https://seedfund.nsf.gov/

**About the National Science Foundation's Small Business Programs**: America's Seed Fund powered by NSF awards $200 million annually to startups and small businesses, transforming scientific discovery into products and services with commercial and societal impact. Startups working across almost all areas of science and technology can receive up to $1.5 million in non-dilutive funds to support research and development (R&D), helping de-risk technology for commercial success. America's Seed Fund is congressionally mandated through the Small Business Innovation Research (SBIR) program. The NSF is an independent federal agency with a budget of about $8.1 billion that supports fundamental research and education across all fields of science and engineering.

**About Infinite Cooling:** Infinite Cooling's mission is simple: to mitigate water scarcity around the world. We help power plants and other industrial processes reduce their water consumption and water treatment costs by recovering water from their cooling tower exhaust. We have a patent-pending technology developed at MIT that uses electric fields to capture water from the plumes leaving cooling towers. We are a vibrant startup based in Somerville, Massachusetts, and we are on a mission to be a global leader in the water services industry for industrial applications. Infinite Cooling has won the MIT $100K, MassChallenge, the DOE national Cleantech competition and numerous other awards.

**To learn more about Infinite Cooling visit http://infinite-cooling.com**
**444 Somerville Ave Somerville, MA | 02143**