



Packetized Energy Awarded Competitive Grant from the National Science Foundation

Small Business Technology Transfer Program Provides Seed Funding for R&D

BURLINGTON, VT. AUGUST 1, 2017 – Having recently secured Vermont Works Management Company, LLC as an anchor institutional investor, **PACKETIZED ENERGY** has been awarded a National Science Foundation (NSF) Small Business Technology Transfer (STTR) grant for \$225,000 to conduct research and development (R&D) work on coordinating large numbers of distributed photovoltaic (PV) solar panels and battery storage systems in a way that provides value to consumers and increases grid reliability.

The cost of distributed solar generation systems is decreasing rapidly, leading to rapid adoption and the potential for enormous environmental benefits. But the growth of distributed generation under conventional electric utility business models can result in reliability and affordability challenges. This project will address these challenges by giving solar PV the ability to improve reliability, rather than detract from it.

“The National Science Foundation supports small businesses with the most innovative, cutting-edge ideas that have the potential to become great commercial successes and make huge societal impacts,” said Barry Johnson, Director of the NSF’s Division of Industrial Innovation and Partnerships. “We hope that this seed funding will spark solutions to some of the most important challenges of our time across all areas of science and technology.”

“This project will enable Packetized Energy to extend its commercial offering from distributed load management to also managing distributed supply” says Andrew Giroux, Chief Engineer for Packetized Energy and the project’s principal investigator. Packetized Energy is partnering with researchers from the University of Vermont where analysis and model validation will be conducted.

Once a small business is awarded a Phase I STTR grant, it becomes eligible to apply for a Phase II grant (up to \$750,000). Small businesses with Phase II grants are eligible to receive up to \$500,000 in additional matching funds with qualifying third-party investment or sales.

NSF accepts Phase I proposals from small businesses twice annually in June and December. Small businesses with innovative science and technology solutions, and commercial potential are encouraged to apply. All proposals submitted to the NSF SBIR/STTR program undergo a rigorous merit-based review process.

To learn more about the NSF SBIR/STTR program, visit: www.nsf.gov/SBIR.

About the National Science Foundation's Small Business Programs: *The National Science Foundation (NSF) awards nearly \$190 million annually to startups and small businesses through the Small Business Innovation Research (SBIR)/Small Business Technology Transfer (STTR) program, transforming scientific discovery into products and services with commercial and societal impact. The non-dilutive grants support research and development (R&D) across almost all areas of science and technology helping companies de-risk technology for commercial success. The NSF is an independent federal agency with a budget of about \$7 billion that supports fundamental research and education across all fields of science and engineering.*