

For immediate release:

Successful formation of an investigative collaboration between Atlas Power Generation and Simon Fraser University and the acceptance of a Research Grant from;

Mitacs- Accelerate

By Mitchell Miller

January 21, 2019

Vancouver, B.C. – Atlas Power Generation Inc is pleased to announce the formation of an investigative collaboration between A.P.G. Inc and a research team at Simon Fraser University. The team at Simon Fraser will be headed by Professor Jiacheng Wang and Professor Mehrdad Moallem, and working with intern Jae Sung Park within the School of Mechatronic Systems Engineering department.

The purpose of the collaboration is to investigate the advantages and efficiencies of our proprietary Deflection Converter electrostatic charging technology. The focus being to thoroughly investigate the operation of DC's and our unique innovative approach for charging DLEC's (double layer electrolytic capacitors) for grid scale energy storage projects.

Mitchell Miller CEO of Atlas Power Generation said;

"We are excited to begin working with this talented team at Simon Fraser University, Professor Jiacheng Wang, Professor Mehrdad Moallem, and Jae Sung Park all are talented passionate individuals with extensive experience in electrical and electronic systems. With their combined knowledge and experience we are looking forward to continuing the advancement of our proprietary DC technology, and a full review comparison against competing alternate technologies. This combined outcome approach will help further solidify our view of supercapacitors as a viable option for grid scale energy storage applications and reinforce our business model case.

A little about Supercapacitors;

The underlying technology of Supercapacitors allows exponentially faster charging and discharging speeds over competing technologies such as lithium ion batteries (C12 versus C.25-C1), more charge and discharge cycles (1,000,000 versus 6,000-8,000). Which will allow for multiple charging and discharging cycles throughout each day, resulting in a faster return on capital and growth.

We are grateful to have received a second grant from Mitacs and wish to thank both Mitacs the organization, and the great team at Mitacs, and the decision makers who recognized the value of our approach and had the vision to assist us in our endeavor. We intend to use this second grant with our collaboration wisely and effectively to develop a comprehensive study on our

innovative approach, with hard data that we can use to continue building the business case for grid scale energy storage based on supercapacitor technology. Enabling a future with power supplied from clean sustainable green energy, built on the foundation of our energy storage products.

More information is expected to be released following the results of the collaboration in mid 2019.

About Atlas Power Generation

Atlas Power Generation Inc. is a privately owned and operated technology development company based in Mission a suburb of Vancouver, British Columbia Canada. Our focus is the development of innovative electrical and electronic systems, our intellectual property is focussed on or proprietary technologies including our Deflection Converter technology, which is a highly efficient electrostatic (supercapacitor) charging technology.

Contact

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