Exro Opens Calgary Innovation Center to Make Electric Motors Faster, Stronger, and Smarter

written by Raj Shah | October 20, 2020
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- Launching of the Calgary Innovation Center marks a major milestone toward delivering commercial products with in-house design, testing and assembly
- Test equipment will facilitate small and large prototypes for operating applications in relevant environments to enhance electric motors
- The Calgary facility will become the new company headquarters and support new research and development projects with global impact

Exro Technologies Inc. (TSXV: EXRO) (OTCQB: EXROF) (the "Company"), a leading technology company which has developed a new class of power electronics for electric motors and powertrains, is pleased to announce it is opening the doors to the newly established Calgary Innovation Center.

Launching of the Innovation Center in Calgary marks a major milestone for Exro in its path to delivering commercial products. The new facility will allow in-house design, testing, and assembly of manufactured products to enhance the performance of electric motors and powertrains. The test equipment will feature small and large test bays that will demonstrate the patented technology in relevant environments and accelerate prototypes in operating applications.

This will expand the potential for more strategic partnerships

with the Coil Driver technology while also creating a platform for proof of concepts in new research and development projects. Exro will continue to be focused on its mission to deliver intelligent innovations in electrification with minimum energy and maximum results.

“We are looking forward to delivering on the vision of the new Calgary headquarters”, commented Sue Ozdemir, Chief Executive Officer of Exro. “Calgary has welcomed us with open arms, and we couldn’t be more excited to be here during this transformative time. We have had explosive growth since arriving in Calgary, and we look forward to continuing that growth with our business and technology.”

About Exro Technologies Inc.

Exro is a Clean Tech company that has developed a new class of control technology for electric powertrains. Exro’s advanced motor control technology, our “Coil Driver”, expands the capabilities of electric motors and powertrains. The Coil Driver enables two separate torque profiles within a given motor. The first is calibrated for low speed and high torque, while the second provides expanded operation at high speed. The ability to change configuration allows efficiency optimization for each operating mode, resulting in overall reductions in energy consumption. The controller automatically and seamlessly selects the appropriate configuration in real time so that torque demand and efficiency are optimized.

The limitations of traditional electric machines and power technology are becoming more evident. In many increasingly prominent applications, traditional methods cannot meet the required performance. This means either oversizing the equipment, adding additional motors, or implementing heavy mechanical geared solutions. Exro offers a new solution for

system optimization through implementation of its technology which can yield the following results: increased drive cycle efficiency, reduced system volume, reduced weight, expanded torque and speed capabilities. Exro allows the application to achieve more with less energy consumed.

For more information visit our website at www.exro.com.

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