



News for Immediate Release

Electrovaya Provides Lithium Ion SuperPolymer® Battery for Plug-In Hybrid Electric Hummer

Highlighted by Governor Arnold Schwarzenegger at SAE World Congress, April, 2009

Mississauga, Ontario – April 27, 2009. Electrovaya (TSX: EFL) today announced that it provided the battery pack used in the Hummer H3 ReEV range-extended electric SUV showcased at the 2009 SAE International World Congress, Cobo Center, Detroit, Michigan from April 20 to April 23, 2009.

The ReEV Hummer H3 demonstration vehicle offers approximately 100-mpg efficiency in a high performance sports utility vehicle category. As a plug-in hybrid electric vehicle it offers the dual benefits of about 40-mile all-electric driving range and the extended-range operation of a gasoline fueled internal combustion engine. The vehicle was a crowd pleaser, drawing admiration and photo-ops from many, including Governor Arnold Schwarzenegger. Plug-in hybrid electric vehicles are a key technology development to combat climate change, achieve energy independence and improve air quality.

The FEV-integrated Hummer features a 40 kWh, 700V Electrovaya battery system. This battery system includes Electrovaya's proprietary Lithium Ion SuperPolymer® battery and integrated intelligent battery management system technologies. All Electrovaya products including its cells, electronics and battery systems are designed and manufactured in North America, using a unique zero emission manufacturing process. Electrovaya cells have a flat geometry due to their pouched prismatic construction. This provides better heat-dissipation, packaging, power and the ability to provide large battery systems.

This high-voltage plug-in hybrid electric vehicle battery showcases Electrovaya's capability to provide advanced battery systems for tomorrow's plug-in hybrid light-duty passenger cars and trucks as well as medium and heavy-duty vehicles.

About Electrovaya:

Electrovaya (TSX: EFL) is a world leader in the design, development and manufacture of its proprietary Lithium Ion SuperPolymer® battery systems. Electrovaya's mission is to accelerate clean transportation as a commercial reality with its advanced power systems for all classes of zero-emission electric vehicles and plug-in hybrid electric vehicles. Electrovaya also offers battery-related consumer products primarily focused on the healthcare market. For more information about the Company and its products, please visit our website at www.electrovaya.com.



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