

Argonne Transfers High Power Battery System to EnerDel, Inc.

Argonne National Laboratory has successfully transferred a very high-power battery technology based on a nano-lithium titanate to EnerDel, Inc. In 2009, Argonne scientists Khalil Amine, Ilias Belharouak and Zonghai Chen received an Excellence in Technology Transfer Award from the Federal Laboratory Consortium for the transfer of this battery chemistry, which is expected to help reduce greenhouse gas emissions, as well as America's dependence on imported oil.

"The nanophased lithium titanium oxide spinel anode system is made for use in high-power lithium-ion batteries for hybrid electric vehicles (HEVs). The technology was transferred to Indianapolis-based battery manufacturer EnerDel, Inc., which uses it with a lithium manganese oxide spinel-based cathode, and has enormous commercial potential," said Amine, the technology's principal investigator. "It is unquestionably the safest, among the most reliable and lowest cost Li-ion battery on the market for HEVs."

