



**FOR IMMEDIATE RELEASE**

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**Transportation recharged.™**

## **ISE Corporation To Supply Hydrogen Bus Fleet to Transport for London**

**SAN DIEGO, CA, November 16, 2007** — ISE Corporation announced today that Transport for London (TfL) has signed a prime contract with ISE for the supply of 10 hydrogen-powered buses for delivery to TfL by 2010. All 10 of the hydrogen-powered buses will be built utilizing ISE's proven ThunderVolt™ series hybrid drive system technology, five of which will be hydrogen hybrid fuel cell buses and the other five will be hydrogen hybrid internal combustion engine (HHICE™) buses.

Mayor of London, Ken Livingstone, confirmed that the 10 new hydrogen-powered buses are part of the Mayor's plan to have up to 70 hydrogen vehicles in operation in London by 2010, as set out in the London Hydrogen Partnership's Transport Action Plan. With these clean vehicles, London will become the first city in Europe to operate a fleet of hydrogen fuel cell and HHICE buses.

"ISE is excited and honored to take part in this historic program," said David Mazaika, ISE's President and CEO. "ISE has been a leader in the design, building and implementation of hybrid drive technology for heavy-duty vehicles. Together with TfL's clear commitment to hydrogen technology, we are ready to help bring this program one step closer to its goal of continued and rapid development and commercialization of hydrogen technology in the public transport sector, and to maintain London as the leader in hydrogen transport technology."

The hydrogen hybrid fuel cell buses will produce electrical energy by passing hydrogen through a fuel cell where the hydrogen combines with oxygen from the air to form electricity, water vapor and heat, the only by-products of the process. The HHICE buses will produce electrical energy through a conventional combustion process, by igniting hydrogen in a specially built V10 internal combustion engine manufactured by Ford which drives an electric generator. The hydrogen used by both hybrid systems is stored in pressurised tanks on the roof of the bus. At the heart of these buses is ISE's proven hybrid technology that is currently powering nearly 150 hybrid transit buses in North America.

ISE will be working with a number of partners, including The Wright Group, a bus manufacturer based in Northern Ireland, and Ballard Power Systems Inc., a fuel cell manufacturer based in Canada. Transit operator First Group will operate the new fleet for TfL.

### **About ISE Corporation:**

ISE Corporation, based in San Diego, CA, is a leading supplier of hybrid drive systems and components for heavy-duty vehicles such as buses, trucks, trams, airport equipment, and military vehicles. ISE is a world leader in electric, hybrid-electric, and fuel cell technologies, and the only authorized distributor of Siemens ELFA® electric and hybrid-electric drive components for the U.S. transit bus market. [www.isecorp.com](http://www.isecorp.com)

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