



Electric Hydrogen delivers automatic, high capacity metal hydride canister filling systems.

January 15th, 2008 - Electric Hydrogen is pleased to announce the delivery of its first two metal hydride canister filling systems. These Metal Hydride canister Fillers (MHF) enable convenient recharging of commercially available metal hydride canisters eliminating the need for complex tubing, valves and gas regulators. Together, the MHF and canisters provide safe, high capacity hydrogen storage capability for mobile, portable or back-up power applications and can be permitted for indoor use.

The rack mounted MHF RP 4-5 systems will automatically fill up to four high capacity (85 gram or 900 litre) canisters at a time in a few hours. EH Metal Hydride Fillers can be used with either an electrolyser or compressed gas storage sources. The MHF RP 4-5 model includes an internal buffer storage of over 4 m³ to enable hydrogen gas collection from intermittent sources such as a solar PV powered EH Hydrogen Generation system while portable metal hydride canisters are not in the MHF filling. The internal buffer also provides fast fill capability.



The units will refuel canisters for golf and utility vehicles at the St. Clair Parkway Golf Course and Lambton College, in support of the college's pioneering Alternative Energy Engineering program. The project is funded in part by the Government of Ontario through its Ontario Fuel Cell Innovation Program.

These installations, integrated and installed by Sustainable Energy Associates of Toronto, Ontario, were also the first deployment of outdoor and indoor on-site hydrogen storage systems under the Canadian Hydrogen Installation Code (CHIC) with the approval of the Ontario Technical Standards and Safety Authority and Electrical Safety Authority.

About ElectricHydrogen, Inc.

ElectricHydrogen delivers innovative hydrogen products for a broad and growing market in the energy sector. ElectricHydrogen products and services help accelerate the commercialization of fuel cells by providing convenient and easy to use hydrogen supply at or near the point of use, avoiding the cost and complication of delivering and installing industrial hydrogen supply systems in remote or indoor environments. For more information, please visit ElectricHydrogen at www.electrichydrogen.com or contact info@electrichydrogen.com or call +1.905.634.1246.