



NATURAL GAS VEHICLES,
CLEAN, ADVANCED, ALTERNATE
FUEL VEHICLES.

Canadian Natural Gas Vehicle Alliance - E-Letter

- November 19, 2009

CNGVA Member Gaz Métro to Develop Market for Heavy LNG Trucks (November 19, 2009) – Gaz Métro's President Sophie Brochu is featured in an article in today's *La Presse* newspaper highlighting year-end corporate results as well as announcing the launch of a program to develop the market for LNG trucks in Québec. Montréal-based Gaz Métro is the largest natural gas distribution company in Québec with gas distribution assets in Vermont and interests in gas storage and transmission activities. Transportation is the largest source of greenhouse gas emissions in Québec, contributing 40% of carbon emissions. Increased carbon emissions from heavy trucks account for more than half of the growth in emissions from onroad vehicles since 1990. LNG truck technology from CNGVA member Westport Innovations reduces carbon by up to 25% on a well-to-wheel basis.

Toronto Public Works Approves Recommendation to Upgrade Digester Gas for Fuel for Refuse Trucks (November 3, 2009) – The City of Toronto's Public Works Committee has approved a staff recommendation to upgrade biogas from two municipal anaerobic digesters for use as fuel in the City's refuse truck fleet as well as to offset consumption of fossil natural gas in City facilities. The recommendation was based on a report commissioned by staff that also considered how best to use biogas from the Green Lane landfill near St. Thomas. The report recommended installation of a cogeneration system for the landfill gas and annual production of up to 280 million cubic feet of pipeline grade renewable natural gas from the digester gas. The City currently operates one digester for source-separated organics and a second digester is planned. The Committee's recommendation will go to City Council on November 30th. The City of Toronto has also ordered Canada's first natural gas refuse truck. The side-loading, conventional cab Freightliner is to be delivered in March 2010.

Robert Trucking Presents LNG Truck Project at Ontario Green Fleet Workshop (October 2009) – Rougemont, Québec-based Robert Trucking made a presentation on its fleet-based green initiatives at a recent fleet workshop funded by the Ontario Ministry of Finance. Robert Trucking ranks within Canada's top ten carriers with more than 1,100 tractors and an estimated 2,300 employees. Its business activities are concentrated in the Windsor to Québec City corridor area with a focus on transport, warehousing, and distribution. A leader in demonstrating and adopting sustainable technologies and operational practices, Robert plans to demonstrate the use of LNG trucks using Westport's HPDI technology in regular trucking operations during 2010.

CNGVA Promotes Natural Gas for Transit at CUTA Conference (November 10, 2009) – In partnership with members Cummins Westport, Gaz Métro, and IMW Industries, the CNGVA exhibited at the Canadian Urban Transit Association's annual Trans-Expo to promote the use of natural gas for transit buses. The event provided an opportunity to network with transit and government contacts. Included in the vehicles on display was a CNG bus manufactured by Chinese manufacturer Foton with a Cummins Westport ISL G engine.

Enbridge Gas Distribution Increases Order for Heavy-Duty CNG Work Trucks (November 2009) – CNGVA member Enbridge Gas Distribution has increased its order for natural gas-powered trucks for its Operations staff with two CNG Freightliner dump trucks and three International dump trucks on order, all with dedicated CNG engines and fuel systems. The Freightliner trucks incorporate Cummins Westport's 8.9 litre ISL G engine. The International trucks incorporate Texas-based Emissions Solutions' 7.6 litre Phoenix engine which replaces the vehicle's base engine, an International DT-466 engine. Work on the three International trucks – two Model 4400s and one Model 4300 – is to be done at Kemptville Truck Centre in Kemptville, ON. All trucks are scheduled for delivery in first quarter 2010 with incentive funding of up to \$15,000 per truck expected from the Province of Ontario's *Green Commercial Vehicle Program*.

Canadian Natural Gas Vehicle Industry Well-Represented at ANGVA 2009 (October 2009) – Canada's natural gas vehicle industry was well-represented at the recent Asia-Pacific Natural Gas Vehicle Association Conference held in Donghae City, Korea. Exhibiting companies included Cummins Westport, IMW Industries, Kraus Global, Powertech Labs, and Xebec Adsorption. Funding from International Trade Canada helped offset travel expenses for four company representatives as well as for the CNGVA to attend and exhibit at the event.

Westport Innovations Enters Into Agreement with Volvo; Cited as Canada's Top Cleantech Company (November 2009) – Westport Innovations has entered into an agreement with Volvo as a Tier 1 Development Supplier for its heavy duty natural gas engines and associated supply chain. Westport will supply heavy duty technology and work with Volvo to develop and qualify suppliers to support projected sales volumes. The new natural gas engines are expected to meet future European emission requirements. Westport was also recently recognized by *Corporate Knights* magazine as Canada's leading cleantech company. Its products were cited as examples of clean technology moving into the mainstream with commercially available natural gas engines for trucks and buses providing "*here-and-now solutions to global energy, climate, and air quality concerns.*"