

## Analysis and Studies Projects

	Fuel	Feasibility (or other preliminary) study or plan	Gap analysis	Safety/Risk Audit and Analysis	Facility modification study	Project Year	Details/key features	Application NGV- NG vehicle refuelling; H2V - H2 vehicle refuelling; BGD- Bulk HP Gas Delivery; IE- Integrated Energy System
<b>2009 - 2014</b>								
Union Gas, Chatham, Ontario, Canada	CNG	◊				2014	Development of UG NGV infrastructure strategic plan and sales tools	NGV
Queens University, Kingston, ON, Canada	H2	◊				2013	Infrastructure Ontario – Fuel cell feasibility study: Hydrogen infrastructure component	IE
Union Gas Limited, Chatham, ON, Canada	H2	◊				2013	Technical and business feasibility analysis for Power to Gas/ Wind Farms application	IE
Joe Johnston Equipment, Barrie, Ontario, Canada	CNG		◊		◊	2012	Codes & Standards for vehicle maintenance shop	NGV
ANGI Energy Systems, Janesville, Wisconsin, USA	CNG		◊			2013	Codes & Standards for Compressor design for Canada	NGV
Hydra Energy, Vancouver, British Columbia, Canada	H2	◊				2013	Waste Hydrogen Recovery Process Design (Peer review)	other
Cummins Western Canada, Vancouver, BC, Canada	LNG	◊				2013	Repair Garage Winnipeg, MB	NGV
Energy Fundamentals Group	CNG	◊				2013	Asphalt plant fuel conversion feasibility (technical and financial)	BGD
New West Truck Centres, Calgary, Alberta, Canada	CNG		◊		◊	2012	Review of Codes & Standards compliance for vehicle maintenance shop	NGV
Cummins Western Canada, Vancouver, BC, Canada	CNG	◊				2012	Repair Garage. Surrey, BC – technical and financial feasibility	NGV
Irving Oil, St. John, NB, Canada	LNG	◊				2012	Feasibility of LNG infrastructure for NGVs along highway corridor	NGV
Cummins Power, Bronx, NY, USA	CNG		◊			2012	Gap analysis of codes & standards/ safety compliance of repair garage	NGV
Natural Resources Canada, Ottawa, ON, Canada	LNG	◊				2011	Great Lakes Marine Study to assess feasibility of LNG depots on the Great Lakes	NGV
Enbridge Gas Distribution	NG			◊		2011	Safety Audit of Construction and Service Contractors	Other
Canadian Natural Gas Vehicle Alliance	CNG	◊				2011	Modelling Sustainable Natural Gas Vehicle End Use Applications	NGV
Canadian Natural Gas Vehicle Alliance	LNG		◊			2010	Analysis of LNG Codes and Standards Requirements for LNG Vehicle Fuelling Stations in Canada	NGV
Enbridge Gas Distribution	NG			◊		2009	Safety Procedure Development	Other
Nature Fresh Farms, Leamington, Ontario, Canada	CNG	◊				2011	Renewable energy CHP plant for greenhouse application	IE
Bloom Centre for Sustainability, Ontario, Canada	CNG	◊				2011	Feasibility of potential CNG bulk transport application in Nova Scotia	BGD
Lockerby Transportation, Sudbury, Ontario, Canada	CNG	◊				2011	Feasibility of fleet conversion to CNG	NGV
Calgary Transit, Calgary, Alberta Canada	CNG				◊	2011	Study and recommendations regarding facilities upgrades for CNG buses	NGV
Bombardier, BTNA Services, Whitby, Ontario, Canada	Other			◊		2011	Safety audit of transit operations	NGV
Purolator, Toronto, Ontario, Canada	H2				◊	2010	Review of requirements for refurbishment of existing hydrogen fuelling station	H2V

