


ENERGIZED ENERGISÉ

THE OFFICIAL
MAGAZINE OF THE
CANADIAN PROPANE
ASSOCIATION

LE MAGAZINE OFFICIEL
DE L'ASSOCIATION
CANADIENNE DU
PROPANE

A portrait of James Carr, the Minister of Natural Resources, smiling and wearing glasses, a dark suit, a white shirt, and a red patterned tie. He is positioned on the left side of the cover, with the main title and other text to his right.

**INTERVIEW WITH
CANADA'S MINISTER
OF NATURAL
RESOURCES
THE HON.
JAMES CARR**

**ENTREVUE AVEC
LE MINISTRE DES
RESSOURCES
NATURELLES,
L'HON. JAMES CARR**

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An Essential Element

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By Andrea Labelle
par Andrea Labelle

EACH YEAR WE publish a special edition of *Energized* magazine for the Energy & Mines Ministers' Conference (EMMC) to inform ministers about propane, our association, our industry and how we can contribute to Canada's energy policy discussions.

This year, we are honoured to feature an interview with the new Federal Minister of Natural Resources, Jim Carr, not only because the energy portfolio is so important to our industry, but because a significant goal for the new Federal Liberal government is to reduce Canada's environmental impact. Propane is ready to help the Federal Government, and all provincial and municipal governments, reach that goal.

The theme for our recent spring 2016 edition of *Energized* was "The Environment Issue" and it featured a number of articles that highlighted propane's many environmental benefits, as well as our activities in the agriculture, transportation, commercial and residential sectors. The spring 2016 edition is available on our website, along with all past editions. Although that theme was explored in the last edition of our magazine, we will continue to promote propane's environmental benefits to ensure our industry is understood, relevant and included in governments' energy plans.

Energy and the environment now go hand-in-hand at the policy table, and we are fortunate to be able to offer an energy source that checks all of the boxes. Propane provides billions of dollars to the Canadian economy each year, is available in every corner of the country with infrastructure already in place, is not reliant on public infrastructure funding, and is low-emission. It is an essential element in any plan.

CHAQUE ANNÉE NOUS publions un numéro spécial de notre revue *Énergisé* pour la conférence des ministres de l'Énergie et des Mines (CMÉM) dans le but d'informer davantage les ministres au sujet du propane, de notre association, notre industrie et des différentes façons que nous pouvons faire partie des discussions sur la politique énergétique au Canada.

Cette année, nous avons l'honneur de vous présenter une entrevue avec le nouveau ministre fédéral des Ressources naturelles, Jim Carr. Le portefeuille énergétique est très important aux yeux de notre industrie et l'accent que porte le gouvernement fédéral libéral sur la réduction de l'impact environnemental du Canada font en sorte que l'industrie du propane est prête à aider le gouvernement fédéral, ainsi que tous les autres paliers de gouvernement, à atteindre leurs objectifs.

Le thème de notre dernier numéro de la revue, soit celui du printemps 2016, portait sur la question de l'environnement et proposait plusieurs articles sur les nombreux avantages environnementaux du propane, ainsi que nos activités dans les secteurs de l'agriculture, du transport, commercial et résidentiel. On peut présentement consulter le numéro du printemps 2016, ainsi que tous les numéros antérieurs, sur notre site Web. Bien que nous venons tout juste d'axer notre dernier numéro sur ce thème, nous continuerons à promouvoir les avantages environnementaux du propane afin de permettre à notre industrie d'être comprise, pertinente et comprise dans les plans énergétiques des gouvernements.

L'énergie et l'environnement vont désormais de pair en ce qui a trait à l'élaboration de politiques et nous avons la chance d'être en mesure d'offrir une source d'énergie qui répond à tous les besoins. Le propane génère des milliards de dollars annuellement pour l'économie canadienne, est disponible dans tous les coins du pays grâce à une infrastructure déjà en place, qui ne dépend pas d'un financement publique pour son infrastructure et qui est sobre en émission. Le propane est un élément essentiel de tout plan.

INTERVIEW WITH CANADA'S MINISTER OF NATURAL RESOURCES **THE HONOURABLE JAMES CARR**

ENTREVUE AVEC LE MINISTRE DES RESSOURCES NATURELLES, **L'HONORABLE JAMES CARR**

JIM CARR HAS been a dedicated business and community leader in Winnipeg for more than 30 years. He began his career as a musician, as an oboist and trustee with the Winnipeg Symphony Orchestra. He then moved on to journalism, working as an editorial writer and columnist for the Winnipeg Free Press as well as a reporter for CBC Radio.

Carr entered public life in 1988, when he was elected to represent Fort Rouge in the Legislative Assembly of Manitoba. He was also the deputy leader of his party. Carr later went on to become the founding CEO of the Business Council of Manitoba, where he worked alongside business leaders to address issues critical to Manitobans and Canadians.

Carr has been an active volunteer with a number of local, provincial, and national organizations. He was the founding co-chair of the Winnipeg Poverty Reduction Council, and is a former member of the boards of the Winnipeg Symphony Orchestra, the Canada West Foundation, and the Arthur V. Mauro Centre for Peace and Justice at the University of Manitoba.

Carr's community leadership has earned him numerous awards, including the Canada 125 Medal, the Queen Elizabeth II Diamond Jubilee Medal, and the Order of Manitoba.

JIM CARR A été une personnalité marquante du monde des affaires et du milieu communautaire de Winnipeg pendant plus de 30 ans. Après des débuts comme musicien, hautboïste et administrateur au sein de l'orchestre symphonique de Winnipeg, il passe au journalisme en tant qu'éditorialiste et chroniqueur pour le *Winnipeg Free Press* et aussi à la radio, à la chaîne anglaise de Radio-Canada.

Il entre dans la vie publique en 1988 lorsqu'il est élu député de Fort Rouge à l'Assemblée législative du Manitoba. Il sera également chef adjoint de son parti. Par la suite, à titre de président-directeur général fondateur du Business Council of Manitoba, il travaille aux côtés de chefs d'entreprises en vue d'aborder des questions qui importent à la population du Manitoba et de l'ensemble du pays.

Bénévole actif auprès de plusieurs organismes locaux, provinciaux et nationaux, Jim Carr a été le viceprésident fondateur du Winnipeg Poverty Reduction Council et a siégé aux conseils d'administration de l'orchestre symphonique de Winnipeg, de la fondation Canada West et du Centre Arthur V. Mauro pour la paix et la justice de l'Université du Manitoba.

Son leadership communautaire lui a valu de nombreuses distinctions, dont la Médaille commémorative du 125^e anniversaire de la Confédération du Canada, la Médaille du jubilé de diamant de la reine Élisabeth II et l'Ordre du Manitoba. L'ACP a rencontré le ministre pour recueillir ses idées sur les débouchés qui existent pour le propane dans le cadre des stratégies et des politiques énergétiques du Canada.

Bien que vous soyez nouveau au ministère des Ressources naturelles, vous connaissez bien la vie publique et le dossier de l'énergie.

Comment votre expérience en tant que membre de l'Assemblée législative du Manitoba et l'un des auteurs du « Consensus de Winnipeg », qui a rassemblé des groupes de réflexion et des leaders de l'industrie de l'énergie de l'Ouest canadien, vous a aidé à faire votre transition à votre rôle en tant que ministre des Ressources naturelles?

À titre de membre de l'Assemblée législative du Manitoba et de leader adjoint de l'Opposition, j'ai appris le rôle important du processus parlementaire dans son appui



The CPA reached out to the Minister for his thoughts on the opportunities that exist for propane in Canada's energy strategies and policies.

While new to the Natural Resources portfolio and to federal politics, you are not new to public life or the energy file.

How has your past experience as a senior Manitoba MLA and a driving force behind the "Winnipeg Consensus" which brought together think tanks and energy leaders from Western Canada, assisted you in the transition to your role as Minister of Natural Resources?

As a member of the Manitoba Legislature and as Deputy Leader of the Opposition, I learned the important role the parliamentary process plays in supporting our energy industry, and as a founding CEO of the Business Council of Manitoba, I gained an understanding of the challenges faced by energy industry leaders. Through my role in the Winnipeg Consensus group, I now have a better understanding of the competing interests and issues involved in the industry. I'm looking forward to advancing the excellent work already done by the provinces and territories to craft a pan-Canadian approach to energy that includes all levels of government. There are many stakeholders involved in this process, and I look forward to engaging with all of them.

As you know, the propane industry services Canadians in the commercial, residential and natural resources sectors. The propane industry provides for 23,000 jobs across Canada

and contributes approximately \$16 billion to the economy. Propane is also among the cleanest burning fuels, and is a portable, safe and reliable energy source.

Given propane's important contribution to the economy and its low GHG emissions, how will the federal government incorporate propane in federal energy policy development?

Propane, with its variety of applications, can play a role in our transition to a lower-carbon economy. Our government must lower GHG emissions, and clean-burning fuels will be a part of our nation's future energy mix.

We also fully recognize the importance of developing the infrastructure necessary to getting our resources to market. We are seeing growing production of propane in Canada and we will work to ensure that this resource can get to new markets, both in Canada and abroad.

One of the fundamental goals of any government is to get its resources to tidewater sustainably, and for Canada that means developing our resources in a way that respects the rights of Indigenous peoples. It means we take into consideration their relationship with the land and the water, and we ensure that evidence-based decision making includes the traditional knowledge that Indigenous communities have passed down from generation to generation. It is in respecting these principles that we support a more resilient natural resources sector.



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au secteur de l'énergie. De plus, en tant que président-fondateur du Conseil des affaires du Manitoba, j'ai acquis une bonne compréhension des défis qui se présenteront aux futurs leaders de l'industrie de l'énergie. Grâce à mon rôle au sein du groupe du Consensus de Winnipeg, j'ai une meilleure compréhension des intérêts concurrentiels et des enjeux de l'industrie. J'entends faire avancer l'excellent travail déjà accompli par les provinces et les territoires pour développer une approche pancanadienne à l'énergie qui inclura tous les paliers de gouvernement. Plusieurs intervenants sont impliqués dans ce processus et je me ferai un plaisir de travailler avec tous.

Comme vous le savez, l'industrie du propane dessert des Canadiens dans les secteurs commercial, résidentiel et des ressources naturelles. L'industrie du propane emploie quelque 23 000 Canadiens et contribue environ 16 milliards de dollars à l'économie du Canada. Le propane est aussi l'un des combustibles les plus propres, en plus d'être portable, sécuritaire et fiable.

Compte tenu de la contribution importante du propane à l'économie et de sa faible émission de gaz à effet de serre, comment le gouvernement fédéral prévoit incorporer le propane dans le développement d'une politique énergétique fédérale?

Le propane, avec sa diversité d'applications, peut jouer un rôle dans notre transition vers une économie produisant moins de carbone. Notre gouvernement doit diminuer nos

émissions de gaz à effet de serre, et les combustibles propres feront partie de notre mix énergétique dans les années à venir.

Nous reconnaissons aussi l'importance de développer l'infrastructure requise pour amener nos ressources aux marchés. Nous assistons à une production croissante du propane au Canada et nous travaillerons pour nous assurer que cette ressource puisse être offerte à de nouveaux marchés tant au Canada qu'à l'étranger.

L'un des objectifs fondamentaux de tout gouvernement est d'assurer la durabilité de ses ressources. Pour le Canada, cela signifie que l'exploitation de ressources doit respecter les droits des peuples autochtones. Il faut donc tenir compte de leur utilisation du territoire et de l'eau, et toute décision fondée sur des faits doit inclure les connaissances traditionnelles que les collectivités autochtones ont transmises d'une génération à l'autre. C'est en respectant ces principes que nous appuyons un secteur des ressources naturelles plus résilient.

Une partie du mandat qui vous a été confié par le premier ministre est de travailler avec les provinces et les territoires pour élaborer une stratégie énergétique canadienne. La conférence des ministres de l'Énergie et des Mines est un forum important pour ces discussions.

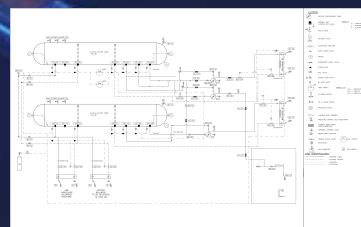
Quel rôle voyez-vous pour un combustible propre comme le propane alors que vous travaillez avec vos confrères



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Part of your mandate from the Prime Minister is to work with the provinces and territories to develop a Canadian Energy Strategy. The Energy and Mines Ministers' Conference provides an important opportunity for those discussions.

What role do you see for a clean-burning fuel like propane as you work with your provincial colleagues in developing a strategy that will reduce GHGs while growing the economy?

We will work hard to establish close relationships with our provincial and territorial counterparts on the Canadian Energy Strategy. In the immediate-term, we will identify opportunities for energy efficiency, energy technology and innovation, and deliver energy to people with a focus on electricity infrastructure.

Our discussions around the Canadian Energy Strategy have not yet extended to particular fuels; however, we recognize the

important role that propane could play in a lower-carbon future.

Working with your federal colleagues to support the innovation and the use of clean technologies in our natural resource sectors, including forestry, fisheries, mining, energy, and agriculture, is an important aspect of your mandate. As you know, propane already has a presence in many of these sectors.

What policy options would the federal government consider to encourage end users in the natural resource sector to expand the use of low-emission propane?

We are taking ambitious steps through Budget 2016 to reduce greenhouse gas emissions from the oil and gas sector. We plan to invest \$50 million in technology and \$2 billion in a new Low Carbon Economy Fund, and this funding can help advance the deployment of new lower-carbon technologies and create new opportunities for propane in Canada.

The Canadian Propane Association was pleased to see that Budget 2016 proposes \$62.5 million over two years to invest in alternative transportation infrastructure. However, we did note that propane, the most popular alternative fuel in Canada, was not included in the initial two-year phase.

Given that propane is becoming an increasingly popular choice in Canada for school buses, taxis, police cruisers and delivery companies such as UPS and Canada Post, can the propane industry expect to have a voice at the table with NRCan when alternative transportation fuels are being discussed?

Over the next several months, we will be working with industry and provincial and territorial governments to develop a pan-Canadian Framework on Clean Growth and Climate Change. And certainly the role that lower carbon fuels, including propane, can play in reducing emissions from the transportation sector will be an important part of these discussions.

Also, through the Regulatory Cooperation Council, NRCan collaborates with the U.S. Department of Energy on codes and standards to ensure a seamless Canada/U.S. transportation system. This collaboration will now be expanded

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provinciaux pour développer une stratégie qui réduira les gaz à effet de serre tout en assurant la croissance de notre économie?

Nous travaillons assidument pour établir des relations étroites avec nos contreparties provinciales et territoriales en vue de la création d'une stratégie énergétique canadienne. Dans l'immédiat, nous identifierons des moyens d'assurer une efficacité énergétique, de développer de nouvelles technologies et de livrer de l'énergie aux Canadiens avec une concentration sur l'infrastructure électrique.

Nos discussions sur la stratégie énergétique canadienne n'ont pas encore ciblé des combustibles particuliers mais nous reconnaissons le rôle important que le propane pourrait jouer dans un avenir à faible émission de carbone.

Votre travail avec vos collègues du gouvernement fédéral à l'appui de l'innovation et de l'utilisation de technologies propres dans nos secteurs des ressources, incluant les forêts, les pêches, les mines, l'énergie et l'agriculture, est un aspect important de votre mandat. Comme vous le savez, le propane est déjà présent dans plusieurs de ces secteurs.

Quelles options le gouvernement fédéral serait-il prêt à considérer pour encourager les consommateurs à utiliser davantage le propane comme source d'énergie propre?

Le budget de 2016 comprend des mesures ambitieuses pour réduire les gaz à effet de serre du secteur du pétrole et du gaz naturel. Nous prévoyons investir 50 millions de dollars en technologie et 2 milliards de dollars dans un nouveau fonds pour une économie à faibles émissions de carbone. Ce fonds contribuerait au développement de nouvelles technologies à faibles émissions de carbone et à la création de nouveaux débouchés pour le propane au Canada.

L'Association canadienne du propane est heureuse de constater que le budget de 2016 propose investir 62,5 millions de dollars sur deux ans en infrastructures de transport alternatives. Cependant, le propane, qui est le combustible alternatif le plus populaire au Canada, n'est pas inclus dans la phase initiale de deux ans de ce programme.

Sachant que le propane devient un choix de plus en plus populaire au Canada pour les autobus scolaires, les taxis, les véhicules de la police et les entreprises de livraison comme UPS et Postes Canada, est-ce que l'industrie du propane peut s'attendre à avoir une voix auprès de Ressources naturelles Canada (NRCan) lorsque des carburants de transport alternatifs seront discutés?

Au cours de prochains mois, nous travaillerons avec l'industrie ainsi qu'avec

les gouvernements provinciaux et territoriaux pour développer un cadre pan-canadien sur la croissance propre et le changement climatique. Il est évident que les combustibles à faible teneur en carbone, dont le propane, qui peut réduire les émissions dans le secteur du transport, seront une partie importante de ces discussions.

De plus, par le biais du Conseil de coopération Canada-États-Unis en matière de réglementation, NRCan collabore avec le

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to facilitate the use of all alternative fuels, including propane. Engagement of stakeholders, including the propane industry, will be an important element of the work plan.

The Canadian Propane Association believes that in the past governments sometimes favoured some energy sources over others when developing policy, legislation, regulations and/or standards.

What steps will the new government take to ensure that all energy options are treated equally?

Our propane producers have earned a reputation for innovation, environmental stewardship, and corporate social responsibility – it’s a reputation that we can be proud of. Our lower-carbon future will need a secure, affordable, and reliable supply of propane, as well as other forms of energy. I look forward to working with provincial and territorial partners, as well as industry, to ensure that a balanced energy supply is made available to Canadians in manner that respects our commitments to Indigenous peoples and upholds our commitments to environmental sustainability. ●

département de l’Énergie des États-Unis dans l’établissement de codes et de normes pour uniformiser les systèmes de transport Canada/États-Unis. Cette collaboration sera étendue pour faciliter l’utilisation de combustibles alternatifs, incluant le propane. L’engagement des parties intéressées, dont l’industrie du propane, sera un élément important du plan de travail.

L’Association canadienne du propane considère que dans le passé, les gouvernements ont parfois favorisé certaines sources d’énergie plutôt que d’autres dans le développement de politiques, de lois, de règlement ou de normes.

Quelles mesures le nouveau gouvernement prévoit prendre pour s’assurer que toutes les options énergétiques sont traitées également?

Nos producteurs de propane ont acquis une réputation pour leur innovation, leur gérance environnementale et leur responsabilité sociale – une réputation dont nous pouvons être fiers. Notre avenir à faible teneur en carbone nécessitera un approvisionnement sûr, abordable et fiable en propane, ainsi que d’autres formes d’énergie. Il me fera plaisir de travailler avec nos partenaires provinciaux et territoriaux, ainsi qu’avec l’industrie, pour nous assurer qu’il y ait un approvisionnement équilibré de sources d’énergie pour les Canadiens d’une manière qui respecte nos engagements à l’égard des peuples autochtones ainsi qu’à la durabilité de l’environnement. ●



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WORKING WITH GOVERNMENTS IS CRITICAL FOR **TODAY'S PROPANE INDUSTRY**

By Allan Murphy

CONSIDERING THAT THEIR product is used by so many Canadians from coast to coast, in a multitude of ways each and every day, the propane industry has traditionally been rather quiet when it comes to reaching out to governments.

Our members let their actions do most of the talking; from quality customer service to sponsoring the local youth sports team or volunteering in various community organizations.

Since its inception in 2011, the Canadian Propane Association (CPA) has provided an important voice for over 400 members of our industry from all across Canada. We are very proud of the billions of dollars our industry contributes to the Canadian economy and the tens of thousands of jobs it creates.

The CPA has always been active in working with governments at all levels on regulatory and policy issues. However, in the past year or so we have been increasing our outreach to governments as they look to the energy industry for help in fighting climate change.

Clean-burning propane has an important role to play in helping Canadians, and their governments, lower greenhouse gas emissions (GHGs). Propane is an affordable and practical choice. Using today's technology, propane is already lowering GHGs in the transportation, residential, commercial, agricultural and industrial sectors.

The challenge and the opportunity for the propane industry is to ensure that policy makers understand that propane is so much more than fuel for the barbecue or to heat the cottage.

Since the election of the new federal government last fall, there has been an increased emphasis on the environment and finding ways to fight climate change. The CPA has made important progress in helping governments understand that any comprehensive strategy for achieving reductions in GHGs should include propane. In an interview in this edition of *Energized* magazine, Canada's Minister of Natural Resources James Carr noted that from his perspective, "We recognize the important role that propane could play in a lower-carbon future."

While there is still much more to be done to ensure that propane is at the table when responsible energy policy is being discussed, we have seen recently that governments are understanding that low-emission propane has a role to play as they map out their strategies and implement actions to deal with climate change. ●

Allan Murphy is the Senior Director, Public Affairs & Policy at the Canadian Propane Association. He can be reached at allanmurphy@propane.ca or 613.683.2278.



COLLABORER AVEC LES GOUVERNEMENTS EST ESSENTIEL POUR **L'INDUSTRIE DU PROPANE D'AUJOURD'HUI**

par Allan Murphy

SI ON PREND en considération que leur produit est utilisé par un bon nombre de Canadiens et Canadiennes d'un bout à l'autre du pays et ce, pour une multitude d'utilisations à chaque jour, il est surprenant de voir que l'industrie du propane ait toujours été plutôt retissant à collaborer avec les différents paliers de gouvernement.

Nous membres préférent laisser leurs gestes parler d'eux-mêmes, par exemple, en commanditant l'équipe sportive locale ou en étant bénévole pour différents organismes caritatifs.

Depuis sa création en 2011, l'Association canadienne du propane est une voix importante pour les plus de 400 membres de notre industrie au Canada. Nous sommes très fiers des milliards de dollars que notre industrie génère pour l'économie canadienne et les dizaines de milliers d'emplois qu'elle crée.

L'ACP a toujours collaboré activement avec les différents paliers de gouvernement sur les questions réglementaires et politiques. Toutefois, au cours de la dernière année, nous avons rehaussé nos activités auprès des gouvernements puisqu'ils cherchent tous à collaborer avec l'industrie de l'énergie dans leur lutte contre le changement climatique.

Le propane, qui est un combustible propre, a un rôle très important à jouer pour aider les Canadiens et les Canadiennes, ainsi que leurs gouvernements, à réduire les émissions de gaz à effet de serre. Le propane est un choix de carburant abordable et pratique. Grâce à la technologie disponible aujourd'hui, le propane aide déjà à réduire les GES dans les secteurs du transport, résidentiel, commercial, agricole et industriel.

L'industrie du propane a le défi à relever et l'opportunité à exploiter de s'assurer que les décideurs comprennent que le propane est beaucoup plus qu'un combustible pour le barbecue ou pour chauffer le chalet.

Depuis l'élection du nouveau gouvernement fédéral à l'automne dernier, on place une emphase plus importante sur l'environnement et les différents moyens de lutter contre le changement climatique. L'ACP a fait d'importants progrès pour aider les gouvernements à comprendre que toute stratégie globale visant à réaliser des réductions en émissions de GES devrait inclure le propane. Dans une entrevue que l'on peut retrouver dans ce numéro de la revue *Énergisé*, le ministre des ressources naturelles du Canada, James Carr, a noté que, de son point de vue, « nous reconnaissons le rôle important que le propane pourrait jouer dans un avenir à faible émission de carbone ».

Bien qu'il y ait encore beaucoup de travail à faire pour faire en sorte que le propane fasse partie de la conversation lors de discussions au sujet de politiques énergétiques responsables, nous avons constaté que les différents paliers de gouvernements comprennent de plus en plus que le propane, qui est un combustible à faible émission, a un rôle à jouer lors de l'élaboration et la mise en application de stratégies visant à contrer le changement climatique. ●

Allan Murphy est le directeur principal des Affaires publiques et de la Politique de l'Association canadienne du propane. On peut le rejoindre par courriel à allanmurphy@propane.ca ou en composant le 613.683.2278.

LEARNING FROM FORT MCMURRAY: ERAC ENCOURAGES ORGANIZATIONS TO REFLECT ON CRISIS PREPAREDNESS

AS CANADA'S NOT-FOR-PROFIT EMERGENCY PREPAREDNESS AND RESPONSE ORGANIZATION, EMERGENCY RESPONSE ASSISTANCE CANADA (ERAC) RESPONDED TO AN INCIDENT IN FORT MCMURRAY INVOLVING LIQUEFIED PETROLEUM GAS.



SAFETY IS OF the utmost importance to Canada's LPG and flammable liquids industry. As ERAC Plan Participants, companies that transport LPG or flammable liquids have the security of knowing that there is a plan in place in the event of an emergency. ERAC has trained, assessed and approved responders available from coast to coast, ready 24/7 to respond to incidents involving flammable gases and liquids.

"The Fort McMurray wildfires have had an impact on emergency response teams and Plan Participants across Canada," says Spencer Buckland, President, ERAC. "Whether directly affected or not, crises cause us to pause and reflect on how organizations are prepared and how important it is to have trained, assessed and approved response teams ready and on hand, in times of emergency."

ERAC provides safe, timely, effective, sustainable, cost-effective flammable liquids and gas emergency preparedness and response assistance to their Plan Participants.

"We had one activation in Fort McMurray and I am pleased to report that our ERAC Response Team, Keyera, successfully and

"Whether directly affected or not, crises cause us to pause and reflect on how organizations are prepared..."

safely mitigated a dangerous situation involving LPG tanks that were involved in the fires," continued Buckland.

From the accounts of the ERAC Response Team, the incident site was one for the books. Despite being located in the city of Fort McMurray, the wildfire's destruction resulted in all the attributes of a remote incident. The air was thick with ash chemical fumes from the burning surroundings. The team contended with many unknowns, and there were possibly dangerous cylinders and containers surrounding the site.

"I am incredibly proud of the work that our trained, assessed and approved ERAC Response Teams provide for our Plan Participants. The team assigned to Fort McMurray completed their job professionally and safely, despite intense conditions," said Buckland.

In 2016, ERAC has received 37 notification-only calls to the response centre with another six calls resulting in ERAP activation and response to LPG or flammable liquids incidents. These incidents were safely mitigated, maintaining ERAC's injury-free record since 1997.

As part of ongoing efforts to prepare for emergencies like the Fort McMurray wildfires, ERAC and industry are continuing to support and train Canadian firefighters. Plan Participants will have the opportunity to sponsor firefighters for upcoming LPG training. Industry can also donate propane for the training events, set to commence later this year.

For more information on ERAC, or to inquire about sponsoring a firefighter or donating propane for LPG firefighting training go to erac.org.



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LEÇONS APPRISSES DE FORT MCMURRAY : L'AIUC ENCOURAGE LES ORGANISATIONS À PENSER À LEUR ÉTAT DE PRÉPARATION EN CAS D'URGENCE

EN TANT QU'ORGANISME SANS BUT LUCRATIF POUR LA PLANIFICATION D'URGENCE ET D'INTERVENTION, L'ASSISTANCE D'INTERVENTION D'URGENCE DU CANADA (AIUC) EST INTERVENU DANS UN INCIDENT À FORT MCMURRAY IMPLIQUANT DES GAZ DE PÉTROLE LIQUÉFIÉS.

LA SÉCURITÉ EST primordiale dans l'industrie canadienne des gaz de pétrole liquéfiés (GPL) et des liquides inflammables. En tant que participants au plan AIUC, les entreprises qui transportent des GPL ou des liquides inflammables bénéficient d'une tranquillité d'esprit sachant qu'il existe un plan d'intervention en cas d'urgence. L'AIUC a formé, évalué et approuvé des répondants qui sont disponibles d'un océan à l'autre et prêts à intervenir 24/7 en cas d'incidents impliquant des gaz ou des liquides inflammables.

« Les incendies de Fort McMurray ont eu un impact sur les équipes d'intervention d'urgence et sur les participants au plan partout au pays », a dit Spencer Buckland, président d'AIUC. « Que nous soyons directement touchés ou non, ces crises nous font réfléchir sur la manière dont les organisations sont préparées et sur l'importance d'avoir des équipes formées, évaluées et approuvées, et toujours prêtes à intervenir en situation d'urgence. »

L'AIUC offre aux participants un plan d'intervention d'urgence rapide, efficace et économique en cas de déversements ou d'autres incidents impliquant des liquides et des gaz inflammables.

« Nous avons eu une activation à Fort McMurray, et il me fait plaisir de dire que notre équipe d'intervention d'urgence, Keyera, a réussi à résoudre une situation dangereuse impliquant des réservoirs GPL », a ajouté M. Buckland.

Selon les rapports de l'équipe d'intervention d'urgence, l'incident mérite d'être consigné dans les annales. Bien que la catastrophe ait attaqué la ville de Fort McMurray, la destruction causée par le feu avait tous les attributs d'un incident en région éloignée. L'air était rempli de cendres et de vapeurs chimiques. L'équipe a dû composer avec de nombreux facteurs inconnus, et il y avait la possibilité de la présence de bouteilles et d'autres contenants de GPL autour du site.

« Je suis extrêmement fier du travail que nos équipes d'intervention font pour nos participants au plan AIUC. L'équipe affectée

à Fort McMurray a accompli son travail d'une manière sécuritaire et professionnelle malgré des conditions très difficiles », a ajouté M. Buckland.

En 2016, AIUC a reçu 37 appels d'avis seulement, ainsi que six appels qui ont donné lieu à une intervention impliquant des GPL ou des liquides inflammables. Ces incidents ont été traités en toute sécurité, maintenant le dossier sans blessure d'AIUC depuis 1997.

Dans le cadre de nos efforts soutenus de préparation en vue d'urgences comme celle des incendies de Fort McMurray, AIUC et l'industrie continuent d'appuyer et de former des pompiers canadiens. Les participants au plan auront l'occasion de parrainer des pompiers pour les prochaines formations sur les situations impliquant des GPL. L'industrie peut aussi faire don de propane pour ces activités de formation qui vont débiter plus tard cette année.

Pour plus d'information sur AIUC, ou pour savoir comment parrainer un pompier ou faire don de propane pour les activités de formation, allez à erac.org.




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OPENING THE LINES OF COMMUNICATION PTI LOOKS TO INNOVATIVE WAYS TO KEEP TRAINERS & STUDENTS INFORMED



THE PROPANE TRAINING INSTITUTE (PTI), a division of the Canadian Propane Association, maintains a national infrastructure designed to bring the latest safety information to those working with propane and propane-related appliances. Providing students and trainers with materials supporting worker qualification, PTI is committed to building the skills required for the safe storage, transfer, and use of propane, while issuing 30,000 certifications annually.

The daily experiences of certified workers using propane help to formulate and refine national codes and standards, which are used in the development of regional regulations that manage the technical and safety practices of the propane industry. There is an urgency to ensure that front line propane workers are kept up-to-date and informed of the latest regulatory changes impacting safe procedures and practices.

PTI recognizes the importance of these regulatory changes to the industry and has started to develop a new

online platform that will improve its service even further by increasing the pace that these administrative changes and updates make it to the field. At the same time, PTI is offering innovative new features to legislators, regulators and industry leaders wishing to communicate more rapidly to front line workers in the propane industry.

It all starts with a platform that maintains accurate records of PTI trainers and trainees by area, as well as other key profile categories. From there, utilizing email or cellular phone contacts, PTI is able to rapidly communicate with registered students and trainers when regulations, requirements, or technologies have changed in the course materials. Significantly, updates to student manuals, exams, answer keys, practical exercises, and visual media will now be immediate, and announced electronically to any trainer certified in the specific program being updated.

Another key aspect of the new platform will be the capability for regulators,

legislators and industry committees to announce key changes or notifications to trainers and students in specific areas or specialties.

By keeping the latest student and trainer credentials in this system, PTI will enable its members to print their own certificates, and to be notified when their certifications are expiring.

As well, PTI looks forward to offering a certification validation service to regulators and inspectors, allowing them to verify a worker's certifications via field access to a privacy-limited database of programs and learners. The platform will give inspectors the ability to check the validity of a printed, numbered certificate card, or the access, as a registered inspector, to pull privacy-limited training information for workers in their jurisdiction.

For additional information on the new PTI platform, and how these services will benefit you, please contact Gerald Thompson, CPA's Senior Director of Learning and Development at geraldthompson@propane.ca. ●

OUVERTURE DES VOIES DE COMMUNICATION **L'IFP EXAMINE DES MANIÈRES INNOVATRICES DE TENIR LES FORMATEURS ET LES ÉTUDIANTS INFORMÉS**

L'INSTITUT DE FORMATION DU PROPANE (IFP), une division de l'Association canadienne du propane, maintient une infrastructure de communication nationale conçue pour transmettre les dernières informations en matière de sécurité à ceux qui travaillent avec du propane et avec des appareils alimentés au propane. En offrant aux étudiants et aux formateurs du matériel à l'appui de la qualification de travailleurs, l'IFP a pour mission de contribuer aux compétences requises pour le stockage, le transfert et l'utilisation sécuritaires du propane, et émet quelque 30 000 certifications annuellement.

Les expériences quotidiennes des travailleurs certifiés en manutention du propane aident à formuler et à parfaire les normes et les codes nationaux qui sont utilisés pour le développement de règlements régionaux qui régissent les pratiques techniques et sécuritaires de l'industrie du propane. Il est essentiel de s'assurer que les travailleurs du propane soient toujours informés de la réglementation la plus récente relative aux procédures et aux pratiques sécuritaires.

Reconnaissant l'importance des ces changements réglementaires pour l'industrie, l'IFP a entrepris de créer une nouvelle

plateforme en ligne qui améliorera encore davantage ses services en accélérant la transmission de ces changements et des mises à jour aux travailleurs du propane. De plus, l'IFP offre de nouvelles fonctions de communication aux législateurs, aux organismes de réglementation et aux leaders de l'industrie qui désirent communiquer plus rapidement avec les travailleurs de première ligne de l'industrie du propane.

Tout commence avec une plateforme qui maintient des dossiers précis sur les formateurs de l'IFP et leurs étudiants par région et selon d'autres catégories clés. Ensuite, par le biais de courriels et de contacts téléphoniques, l'IFP peut rapidement communiquer avec les étudiants inscrits et les formateurs lorsque des règlements, des exigences ou des technologies ont changé dans le matériel de formation. Plus particulièrement, les mises à jour des manuels des étudiants, des examens, des barèmes de correction, des exercices pratiques et des aux médias visuels seront dorénavant immédiates et annoncées électroniquement à tout formateur certifié dans un programme spécifique qui a été mis à jour.

Un autre aspect de la nouvelle plateforme sera la possibilité, pour les organismes de réglementation, les législateurs

et les comités de l'industrie d'annoncer les changements et les avis clés aux formateurs et aux étudiants dans des domaines spécifiques.

En conservant les titres de compétences les plus récents de nos étudiants et de nos formateurs dans le système, l'IFP permettra à ses membres de délivrer leurs propres certificats et d'être avisés de l'expiration de leurs certificats.

De plus, l'IFP entend offrir un service de validation des certifications aux organismes de réglementation et aux inspecteurs pour leur permettre de vérifier les certifications des travailleurs dans une base de données privée sur les programmes et les étudiants. Grâce à ce service de validation, les inspecteurs certifiés pourront vérifier la validité de cartes de certification imprimées et numérotées ou d'accéder à des données – protégées par les principes de confidentialité – sur les travailleurs dans leurs juridictions.

Pour plus d'information sur la nouvelle plateforme de l'IFP, et sur la manière dont ces services pourraient vous bénéficier, communiquez avec Gerald Thompson, directeur principal de la Formation et du Développement de l'ACP à geraldthompson@propane.ca. ●

PROPANE ON PATROL

POLICE CARS IN LONDON, ONTARIO HAVE RUN ON PROPANE SINCE 1983

By James Careless

IN LONDON, ONTARIO, running police cars on propane is the rule, if not the law. Specifically, all 81 of the London Police Service's (LPS) police cruisers are equipped with hybrid propane/gasoline engines, with propane being used 96 per cent of the time.

"We typically use about 800 litres of propane per car each month, versus 30 litres of gas," says Mike Weaver, the LPS's Fleet Supervisor. "Gas helps on those days when you have to start under very cold conditions, but otherwise the LPS's patrol cars run on propane."

London's police force has been using propane-fuelled cars since 1983. "We made the move to propane for budgetary reasons," Weaver says. "Back then propane was ridiculously inexpensive compared to gasoline, so taking the plunge into an alternative fuel made sense."

Today, even with the roller-coaster ride experienced by gasoline prices, using propane is a better economic choice for the LPS. "It still costs about half as much to use propane per litre than it does gasoline," says Weaver. "This saves the LPS – and by extension, the taxpayers – hundreds of thousands of dollars every year." As for fuel efficiency? The LPS has been able to tune its propane hybrid engines such that propane is 95 per cent as fuel-efficient as gasoline on a per-litre basis.

Despite using economical propane to fuel its fleet – the LPS is primarily driving 2011 Ford Crown Victorias, but is transitioning to Dodge Charger V8s – London's police are not experiencing any performance shortfalls in their patrol cars. "When it comes to speed

and acceleration, our propane/gas hybrids are as fast and responsive as stock gas-only vehicles," Weaver says. "The only time you really notice is when you look at the dash, and see the propane gas gauge in addition to the gasoline gauge."

Meanwhile, moving to propane is delivering a real environmental benefit to the City of London. "Propane is truly a green fuel," says Mike Weaver. "By burning it instead of gasoline, our cars emit far fewer greenhouse gases."



PATROUILLER À L'AIDE DU PROPANE

LES AUTOPATROUILLES DE LONDON (ONTARIO) FONCTIONNENT AU PROPANE DEPUIS 1983

par James Careless

À LONDON, EN ONTARIO, c'est pratiquement une règle non écrite que les autopatrouilles fonctionnent au propane. Chaque autopatrouille de la flotte de 81 véhicules du service policier de London (LPS) est munie d'un moteur hybride propane/

essence qui utilise le propane 96 pour-cent du temps.

« En moyenne, chaque autopatrouille utilise près de 800 litres de propane chaque mois et seulement 30 litres d'essence », explique Mike Weaver, le superviseur de la

flotte automobile du LPS. « L'essence aide à démarrer les voitures lors de journées très froides, mais sinon les autopatrouilles s'alimentent au propane. »

Le service policier de London utilise des voitures alimentées au propane depuis 1983. « Nous avons pris la décision de changer aux véhicules alimentés au propane strictement pour des raisons budgétaires », souligne M. Weaver. « À cette époque, le propane était beaucoup moins dispendieux que l'essence, donc ce fût une décision relativement facile à prendre ».

Aujourd'hui, même avec les fluctuations du prix de l'essence, le propane reste un meilleur choix économique pour le LPS. « Nous payons près de la moitié par litre pour le propane comparativement à l'essence. Ce qui économise des centaines de milliers de dollars au LPS et, par conséquent, aux contribuables. Puis, en ce qui a trait à la consommation, le LPS a été en mesure de régler les moteurs hybrides au propane afin que le propane soit 95 pour-cent aussi efficace que l'essence par litre », indique M. Weaver.

Malgré le fait qu'il utilise le propane comme carburant économique pour alimenter sa flotte – la flotte du LPS est principalement composée de 2011 Ford Crown Victoria, mais ces véhicules seront changées à des Dodge Charger V8 – le service de police de London n'a connu aucun problème de performance avec leurs autopatrouilles. « En ce qui concerne la vitesse et l'accélération, nos voitures hybride propane/essence vont tout aussi vite et répondent comme un véhicule à l'essence. La seule différence



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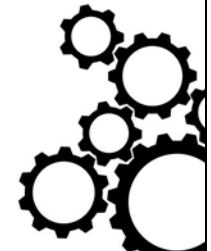
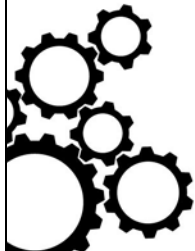
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“Propane is truly a green fuel. By burning it instead of gasoline, our cars emit far fewer greenhouse gases.”

In fact, driving a cruiser 65,000 kilometres a year on propane produces 4 fewer tonnes of greenhouse gases per year, compared to what the car would emit if it were using gasoline. Over 81 cars, this works out to 324 fewer tonnes of greenhouse gases annually! Using propane also puts less wear-and-tear on the LPS’s patrol car engines. This results in used vehicles that command a higher resale price for the department at retirement.

Finally, propane is just as safe to use as gasoline on the road. “Over the years, our patrol cars have been in all kinds of accidents, but no matter what kind of damage they have endured, their propane containment systems have never been compromised,” says Weaver.

The bottom line: Today as in 1983, the London Police Service is sold on using propane for its patrol cars. “We are now extending propane to our other vehicles, such as vans and trucks,” Mike Weaver says. “For police departments looking for a cheaper, greener, and safe-to-use fuel, propane is a natural choice.” ●

qu’on peut vraiment constater est lorsqu’on regarde le tableau de bord et qu’on aperçoit un indicateur de niveau de propane et un autre indicateur pour l’essence », poursuit M. Weaver.

Entre-temps, la décision d’opter pour le propane s’avère à être avantageuse du côté environnementale pour la ville de London. « Le propane est véritablement un carburant écologique », souligne M. Weaver. « Nous produisons beaucoup moins de gaz à effet de serre avec le propane qu’en utilisant l’essence pour nos véhicules. »

Au fait, conduire 65 000 kilomètres annuellement avec une autopatrouille produit 4 tonnes de GES en moins chaque année, si on le compare à ce qu’une voiture pourrait émettre si elle était alimentée à l’essence. Avec plus de 81 autopatrouilles, on parle de plus de 324 tonnes de GES en moins sont émis annuellement! En outre, il y a moins d’usure du moteur des autopatrouilles du LPS lorsque le propane est utilisé. Ce qui permet au service policier d’obtenir un prix de revente plus élevé lorsque les véhicules sont changés.

En conclusion, les véhicules au propane sont tous aussi sécuritaires que ceux à l’essence sur les routes. « Au cours des années, nos autopatrouilles ont été impliquées dans différents types d’accidents, mais peu importe les dommages, le système de confinement n’a jamais été compromis », rapporte M. Weaver.

En fin de compte : le service de police de London est aussi vendu sur l’utilisation du propane pour ses autopatrouilles aujourd’hui qu’il l’était en 1983. « Nous optons maintenant pour le propane pour nos autres types de véhicules, comme nos camions et nos camionnettes », mentionne M. Weaver. « Les corps policiers à la recherche d’un carburant moins dispendieux, plus écologique et sécuritaire, le propane est un choix naturel. » ●

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REALITIES OF SWITCHING TO NATURAL GAS

OVER THE PAST few years, the propane industry has been working hard to educate the public on the realities of subsidized natural gas expansion and to dispel some of the myths about the benefits of switching to natural gas. On behalf of the industry, the Canadian Propane Association (CPA) has engaged in numerous campaigns to prove that propane is a better economic choice over natural gas in many applications.

Uneconomic Natural Gas Infrastructure Expansion in Rural Areas

In Ontario, there is currently a process underway to facilitate the large-scale expansion of natural gas infrastructure, which will be partially funded by taxpayers and existing natural gas customers. The CPA is involved in challenging the benefits of this initiative. The impact of this issue is far greater than many realize:

► Employment will be Impacted

The propane industry employs tens of thousands across Canada, and these people live and spend their wages locally. Natural gas expansion may create some jobs during the construction phase, but there will be very few people directly employed by the natural gas industry once the infrastructure is built.

► Natural Gas Industry Should Invest Its Own Funds

Propane companies invest millions of dollars of their own money every year in improved storage and distribution infrastructure, and generate over a quarter of a billion dollars in taxes and royalty revenue.

► Consumer Interest is not Guaranteed

The cost for individual consumers to connect to a natural gas line down their street, and to change over their household or business appliances to natural gas, is significant. This often offsets any cost difference between fuels.

► Government Should be Promoting a Level Playing Field

Government money should not be used to fund profitable private enterprise – if there is a viable business case, companies will pay for the expansion themselves.

► The Natural Gas Industry has Existing Infrastructure Issues

Much of the existing infrastructure that provides natural gas to consumers is aging. Cast iron and bare steel pipes are aged and prone to leak—creating both a pressing public safety issue and a climate change issue involving emissions of unburned natural gas, which is a greenhouse gas twenty-five times more potent than carbon dioxide.

► Both Propane and Natural Gas are Efficient, Low-Emission, Canadian Energy Sources

Propane and natural gas have similarly low levels of environment impacting emissions, but propane has a heating value that is approximately 2.5 times greater than natural gas.

► Political Ramifications

Many policy makers see support of natural gas infrastructure expansion as a winning strategy. However, they need to be aware of a potential backlash from existing natural gas customers who will be forced to subsidize the expansion, taxpayers who will not gain from the expansion but will have their tax dollars spent on it, and competing energy groups.

Compared to CNG, Propane Makes Sense for Fleets

In 2016, the CPA began developing materials to show fleet managers that propane can be the better choice over natural gas, from both an economic and environmental perspective. Auto propane and compressed

LA RÉALITÉ DERRIÈRE LA CONVERSION AU **GAZ NATUREL**

AU COURS DES dernières années, l'industrie du propane a travaillé d'arrache-pied pour sensibiliser le public au sujet à réalités liées à l'expansion subventionnée du gaz naturel et dissiper certains mythes entourant les avantages de se convertir au gaz naturel. Au nom de l'industrie, l'Association canadienne du propane (ACP) participe activement à plusieurs campagnes visant à démontrer que le propane est un bien meilleur choix économique que le gaz naturel dans plusieurs cas.

Élargissement non rentable de l'infrastructure du gaz naturel dans les régions rurales

Présentement, il y a une démarche en cours en Ontario visant à faciliter l'expansion des infrastructures de gaz naturel à grande échelle, une expansion qui sera financée en partie par les contribuables et les clients existants de compagnies de gaz naturel. L'ACP conteste activement les avantages de cette initiative. Les répercussions de cet élargissement sont beaucoup plus importantes que beaucoup de gens semblent penser :

► **Répercussions sur les emplois**

L'industrie du propane emploie des dizaines de milliers de personnes partout au Canada et ces gens vivent et dépensent leur salaire localement. L'expansion du gaz naturel créera possiblement des emplois au moment de la construction, toutefois très peu de gens seront embauchés par l'industrie du gaz naturel une fois que l'infrastructure sera en place.

► **L'industrie du gaz naturel devrait investir à même ses fonds**

Les entreprises de propane investissent des millions de dollars de leurs propres poches chaque année pour améliorer leurs infrastructures de stockage et de distribution, en plus de générer plus d'un quart de milliard de dollars en taxes et redevances.

► **L'intérêt des consommateurs n'est pas garanti**

Le coût associé au raccordement d'une résidence à un réseau de gaz naturel situé au bout de la rue et à la conversion des appareils ménager ou de l'équipement professionnel au gaz naturel est significatif pour les consommateurs. Ces coûts compensent souvent la différence des coûts entre les différents combustibles.

► **Le gouvernement devrait promouvoir l'équité**

L'argent du gouvernement ne devrait pas être utilisé pour financer les activités d'entreprises privées rentables. Si l'analyse de rentabilité est viable, les compagnies payeront eux-mêmes l'expansion.

► **L'industrie du gaz naturel connaît déjà des problèmes avec son infrastructure existante**

Une grande partie de l'infrastructure existante qui fournit le gaz naturel aux consommateurs se fait vieille. Les tuyaux en fonte et en acier nu sont vieux et sujets aux fuites, créant à la fois un problème de sécurité publique et un problème de changement climatique impliquant l'émission de gaz naturel imbrûlé, qui est un gaz à effet de serre vingt-cinq fois plus nocif que le dioxyde de carbone.

► **Le propane et le gaz naturel sont tous les deux des sources énergétiques canadiennes efficaces à faibles taux d'émission**

Bien que le propane et le gaz naturel émettent de faibles niveaux d'émissions qui ont des incidences sur l'environnement, le propane a une valeur calorifique qui est environs 2,5 fois supérieure à celle du gaz naturel.

► **Répercussions politiques**

Plusieurs politiciens voient l'expansion de l'infrastructure du gaz naturel comme une stratégie gagnante. Toutefois, les politiciens doivent être conscients qu'ils risquent de fortes réactions des clients existants de compagnies de gaz naturel qui seront obligés de subventionner l'expansion, des contribuables qui ne bénéficieront pas de l'expansion, mais qui verront une partie de leurs impôts y être consacrée, et des groupes d'énergie concurrents.

Comparativement au GNC, le propane est une option viable pour les flottes automobiles

L'ACP a élaboré du matériel promotionnel à l'intention des gestionnaires de flottes automobiles afin de leur démontrer que le propane pouvait être un bien meilleur choix que le gaz naturel, que ce soit pour des raisons économiques qu'environnementales. Le propane et le gaz naturel comprimé pour les automobiles sont tous les deux produits au Canada, sobres

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ERAC is a not-for-profit, national emergency preparedness and response organization.

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Assistance d'intervention d'urgence du Canada (AIUC) créé par l'industrie pour l'industrie.

AIUC est un organisme national de préparation et d'intervention en cas d'urgence, sans but lucratif.

Les participants au plan d'intervention d'urgence sont composés des producteurs, fournisseurs, détaillants et transporteurs de produits pétroliers.

AIUC répond à travers le Canada lors des incidents impliquant des gaz de pétrole liquéfié et des liquides inflammables tant sur les routes que sur les rails et les réservoirs fixes. Nous sommes le plus grand centre d'assistance pour les plans d'intervention d'urgence approuvé par Transport Canada.

For more information on ERAC,
please contact us at
Tel: (587) 349-5880 Fax: (403) 543-6099
Email: info@erac.org Web: www.erac.org

Pour plus amples renseignements sur AIUC,
s'il vous plaît communiquer avec nous à
Tél: (587) 349-5880 Fax: (403) 543-6099
Courriel: info@erac.org Web: www.erac.org/fr

natural gas (CNG) are both Canadian-made, low-emission and less expensive than gasoline. But every dollar invested in auto propane goes further for our environment and for fleet budgets.

A brochure, available through the CPA, compares the costs:

en émission et moins dispendieux que l'essence. Toutefois, chaque dollar investi dans le propane automobile a un plus grand retour pour notre environnement et les budgets des flottes automobiles.

Une brochure, offerte par l'ACP, compare les coûts :

You can build up to 20 auto propane filling stations for the cost of building 1 CNG filling station



20 stations de ravitaillement de propane automobile peuvent être construites pour le même coût que la construction de 1 station de GNC

FUELLING: One CNG station can cost over \$1 million to build // One auto propane station can cost as low as \$50,000

RAVITAILLEMENT : Une station de GNC peut coûter plus d'un million de dollars pour la construction // Une station de propane automobile peut coûter aussi peu que 50 000 \$

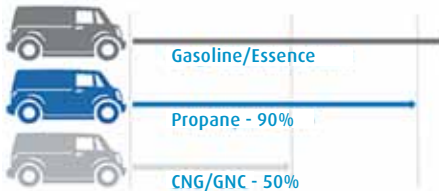
FLEET: Average CNG vehicle conversion costs \$12,000 // Average auto propane vehicle conversion costs \$6,000

FLOTTE : La conversion moyenne des véhicules alimentés au GNC coûte 12 000 \$ // La conversion moyenne des véhicules au propane coûte 6 000 \$

You can convert 2 light-duty auto propane vehicles for the cost of converting 1 light-duty CNG vehicle



On peut convertir 2 véhicules légers au propane pour le même prix que la conversion de 1 véhicule léger au GNC



RANGE: The range of a CNG vehicle is typically 50 per cent of a gas vehicle // Auto propane vehicles have a similar range to gas vehicles

DISTANCE : La distance moyenne qu'un véhicule alimenté au GNC parcourt est habituellement 50 % moindre que celle parcourue par un véhicule à essence // Les véhicules au propane parcourt une distance semblable à ceux alimentés à l'essence

IMPACT: Compared to gas, both auto propane and CNG vehicles reduce harmful emissions by more than 20 per cent // But per dollar spent, more auto propane vehicles can be deployed, thereby offsetting more GHG emissions

RÉPERCUSSIONS : Comparativement à l'essence, le propane et le GNC pour les automobiles réduisent les émissions nocives de plus de 20 % // Toutefois, pour chaque dollar dépensé, un plus grand nombre de véhicules au propane peuvent être déployés, réduisant ainsi plus d'émissions de GES



Per dollar invested, auto propane vehicles offset significantly more GHG emissions than CNG vehicles

Pour chaque dollar investi, les véhicules au propane émettent beaucoup moins de GES que les véhicules au CNG

For more information on the benefits of propane and the advocacy efforts of the CPA, please visit www.propane.ca.

Pour de plus amples renseignements au sujet des avantages du propane et les efforts de promotion de l'ACP, visitez le www.propane.ca.

CPA MEMBER LIST

LISTE DES MEMBRES DE L'ACP

1126564 Ontario Inc.
o/a Greer's Propane
Wellington, ON
Retail Marketer

1550983 Ontario Inc.
MacEwen Petroleum
Maxville, ON
Retail Marketer

1st Propane of
Whatcom County Inc.
Blaine, WA
Retail Marketer

5 Star Propane Ltd.
Thorsby, AB
Retail Marketer

681021 Ontario Ltd.
o/a C.F. Petro Pro
Glenburnie, ON
Retail Marketer

941-2401 Heating Ltd.
o/a Bryan's Fuel
Orangeville, ON
Retail Marketer

A&A Propane Delivery Service
Summerland, BC
Retail Marketer

A.Q.P. (L'Association québécoise
du propane)
Granby, QC
Associate

A.S.A.P Heating &
Well Servicing Corp.
Grand Prairie, AB
MACE/Service

Accu-Flo Meter Service Ltd.
Calgary, AB
MACE/Service

Ace Fuels Inc.
Orillia, ON
Transporter

Action Insurance Group
Calgary, AB
Associate

Actton Transport Ltd.
Surrey, BC
Transporter

Adanac Oil & Gas Ltd.
Calgary, AB
Producer

ADD Systems
Flanders, NJ
MACE/Service

ADSindustries
Plantagenet, ON
MACE/Service

Advanced Industrial
Training Inc.
Kingston, ON
Associate

Advantage Oil & Gas Ltd.
Calgary, AB
Producer

Air Liquide Canada Inc.
Edmonton, AB
Retail Marketer

AltaGas Ltd.
Calgary, AB
Producer

AltEng Inc.
Thornhill, ON
Associate

Anchem Sales - A Division of
Appropriate Chemical
International Ltd.
London, ON
Wholesale Marketer

Anderson Energy Inc.
Calgary, AB
Producer

Apache Canada Ltd.
Calgary, AB
Producer

Apollo Propane Inc.
Edmonton, AB
Retail Marketer

AquaVilis Solutions Ltd.
Fort St John, BC
Transporter

ARC Resources Ltd.
Calgary, AB
Producer

Argus Media Inc
Houston, TX
Associate

Armstrong Petroleums Ltd.
Bolton, ON
Wholesale Marketer

Arthurs Fuels Ltd.
Orangeville, ON
Retail Marketer

ATCO Energy Solutions Ltd.
Calgary, AB
Producer

Aureus Energy Services Inc.
Grande Prairie, AB
Transporter

Aux Sable Canada LP
Calgary, AB
Wholesale Marketer

AVATAS Payment Solutions
Newton, MA
Associate

Axeon Specialty Product LLC
Toronto, ON
Associate

Baccalieu Energy Inc.
Calgary, AB
Producer

Baker Hughes Oilfield Inc.
Leduc, AB
Associate

BAMSS Contracting Inc.
Lacombe, AB
Transporter

BASE Engineering Inc.
Saint John, NB
Associate

Bassett Petroleum
Distributors Ltd.
Hay River, NT
Retail Marketer

Battlefield Equipment
Stoney Creek, ON
Retail Marketer

Baytex Energy Ltd.
Calgary, AB
Producer

BearsPaw Petroleum Ltd.
Calgary, AB
Producer

Beatty Petroleum Consulting Inc.
Arthur, ON
Associate

Bergquist Inc.
Toledo, OH
MACE/Service

Beringer Energy Inc.
Calgary, AB
Producer

Big Bear Energy Services, a div.
of Big Bear Energy Rentals Ltd.
Sylvan, AB
Transporter

BioUrja Trading LLC
Toronto, ON
Associate

Birchcliff Energy Ltd.
Calgary, AB
Producer

Black Swan Energy
Calgary, AB
Producer

Blackmer
Cambridge, ON
MACE/Service

Blackspur Oil Corp.
Calgary, AB
Producer

Blindman Valley Propane
Co-op Association Ltd.
Sylvan Lake, AB
Retail Marketer

Bluewave Energy
Nepean, ON
Wholesale Marketer

Bonavista Energy Trust
Calgary, AB
Producer

Bonterra Energy Corp.
Calgary, AB
Producer

Boulder Energy Ltd.
Calgary, AB
Producer

Bow Valley Propane
Association Ltd.
Hussar, AB
Retail Marketer

BP Canada Energy Group ULC
Calgary, AB
Producer

BP Propane Ltd.
Calgary, AB
Retail Marketer

Bradshaw Bros. Petroleum Ltd.
Waterford, ON
Retail Marketer

Breakaway Fuels Ltd.
Pefferlaw, ON
Retail Marketer

Brennan Ferguson Associates
HVAC Sales
Dartmouth, NS
Associate

British Empire Fuels
Bobcaygeon, ON
Retail Marketer

Brunswick Bulk Div, of
Trimac Transportations Services
Sherwood Park, AB
Transporter

Budget Propane Corporation
Gravenhurst, ON
Retail Marketer

Budget Propane/
ENERGIE P38 Inc.
Valleyfield, QC
Retail Marketer

Bulk Truck &
Transport Service, Inc.
Hanover, IN
MACE/Service

Burden Propane Inc.
Harrison Hot Springs, BC
Retail Marketer

C.T. Gasfitting Services Ltd.
Prince George, BC
Retail Marketer

Caledon Propane Inc.
Bolton, ON
Retail Marketer

Caledon Propane MB
Winnipeg, MB
Retail Marketer

Cal-Gas Inc.
Calgary, AB
Retail Marketer

Campbell Fuels Inc.
Arnprior, ON
Retail Marketer

Can Am Propane Ltd.
Newboro, ON
Retail Marketer

Canada Colors and Chemicals Ltd.
Mississauga, ON
Associate

Canadian Enterprise Gas Products Ltd.

Calgary, AB
Wholesale Marketer

Canadian National Railway

Montreal, QC
Associate

Canadian Natural Resources Ltd.

Calgary, AB
Producer

Canadian Pacific Railway Ltd.

Calgary, AB
Associate

Canbriam Energy Inc.

Calgary, AB
Producer

Canwest Propane Partnership

Calgary, AB
Wholesale Marketer

Capacity Tank Lines Inc. (South Shore Enterprises Ltd.)

Lacombe, AB
Transporter

Cardinal Energy Ltd.

Calgary, AB
Producer

Cariboo Propane Ltd.

Quesnel, BC
Retail Marketer

Carling Propane Inc.

Holland Landing, ON
Retail Marketer

Cascade Energy Services

Ft St John, BC
MACE/Service

Cdn. Safety Training

Kempville, ON
Associate

Genovus Energy Inc.

Calgary, AB
Producer

Centennial Energy L.L.C.

Denver, CO
Wholesale Marketer

Ceres Global Ag Corp.

St. Louis Park, MN
Transporter

CFR Chemicals Inc

Red Deer, AB
Associate

Chair-Man Mills Corp.

Toronto, ON
Associate

Chalmers Esso Fuels

Palmerston, ON
Retail Marketer

CHEM Safety

Calgary, AB
MACE/Service

Chemrec Inc

Cowansville, QC
Associate

Chevron Canada Ltd. (BC)

Burnaby, BC
Producer

CHS Inc.

St. Paul, MN
Retail Marketer

Civeo Premium Camp Services Ltd.

Edmonton, AB
Retail Marketer

CKF Inc.

Langley, BC
Producer

Clean Harbors Energy and Industrial Services Corp.

Edmonton, AB
Producer

Coastal Propane Inc.

Prince Rupert, BC
Retail Marketer

Coastal Resources Ltd.

Calgary, AB
Producer

Coda Petroleum Inc.

Calgary, AB
Producer

Collingwood Fuels Ltd.

Collingwood, ON
Retail Marketer

ConocoPhillips Canada Resources Corp.

Calgary, AB
Producer

COOP Service Inc./Sportsman Landing

Baudette, MN
Retail Marketer

Corse Energy Corp.

Calgary, AB
Producer

Cowan Insurance Group Ltd.

Cambridge, ON
Associate

CQ Energy Canada Resources Partnership

Calgary, AB
Producer

Crescent Point Resources Limited Partnership

Calgary, AB
Producer

Crew Energy Inc.

Calgary, AB
Producer

CRS Contractors Rental Supply

Kitchener, ON
Retail Marketer

Crystal Flash Limited Partnership

Grand Rapids, MI
Retail Marketer

CST Canada Co.

Montreal, QC
Retail Marketer

Dakota Prairie Refining, LLC

Bismarck, ND
Associate

David R. Bangs Fuels Ltd.

Perth, ON
Retail Marketer

DDR Propane & Equipment Rental Ltd.

Stony Plain, AB
Retail Marketer

Delphi Energy Corp.

Calgary, AB
Producer

Dependable Truck & Tank Ltd.

Brampton, ON
MACE/Service

Devon Canada Corporation

Calgary, AB
Associate

Diageo Canada Inc.

Etobicoke, ON
Associate

Ditech Testing

Dieppe, NB
Associate

Diversco Supply Inc.

Cambridge, ON
MACE/Service

Diversified CPC International

Channahon, IL
Producer

Dodsley Propane Ltd.

Tillsonburg, ON
Retail Marketer

Dominion Fittings

Mississauga, ON
MACE/Service

Domtar Inc. - Dryden Mill

Dryden, ON
Associate

Don Woods Fuels Ltd.

Tweed, ON
Retail Marketer

Dowler-Karn Ltd.

St. Thomas, ON
Retail Marketer

Dundee Energy LP

London, ON
Producer

E. Grigg and Associates

North Bay, ON
Associate

Eagle Energy Inc.

Calgary, AB
Producer

Eagle Propane Sales Ltd.

Brentwood Bay, BC
Retail Marketer

Earl Rosebush Fuels D/O United Independent Energy Group Inc.

Belleville, ON
Retail Marketer

Eastern Gas Services Inc.

Rothsay, NB
Associate

Eco Green Energy Transfer Ltd.

Okotoks, AB
Retail Marketer

Eco-Energy LLC

Franklin, TN
Associate

Eco-Pro Services Inc.

Airdrie, AB
Retail Marketer

ECP Terminals, LLC

Tulsa, OK
MACE/Service

EDPRO Energy Group Inc.

London, ON
Retail Marketer

Elbow River Marketing Ltd.

Calgary, AB
Wholesale Marketer

Ember Resources Inc.

Calgary, AB
Producer

Emerson Process Management

McKinney, TX
MACE/Service

Encana Services Company Ltd.

Calgary, AB
Producer

Endicott Fuels & Propane Ltd.

Peterborough, ON
Retail Marketer

Enercapita Energy Inc.

Calgary, AB
Producer

Energi of Canada LTD

Peabody, MA
Associate

Énergie Valero Inc.

Montreal, QC
Producer

Enerkon Resources Canada (1998)

Sarnia, ON
Wholesale Marketer

Enerplus Corporation

Calgary, AB
Producer

Ethanol Products, LLC d.b.a. Poet Ethanol Products

Wichita, KS
Associate

Evolved Vacuum Systems Inc

Surrey, BC
Wholesale Marketer

ExxonMobil Canada Properties

Goldboro, NS
Producer

Factor Gas Liquids Inc.

Sarnia, ON
Wholesale Marketer

Fairview Fittings & Manufacturing Ltd.

Oakville, ON
MACE/Service

Federated Co-operatives Ltd.

Saskatoon, SK
Producer

Feeg's Propane Ltd.

Didsbury, AB
Retail Marketer

Fergusson Energy Inc

Belleville, ON
Retail Marketer

Ferrell North America

Overland Park, KS
Retail Marketer

Firenze Energy Ltd.

Calgary, AB
Producer

Flagro Industries Ltd.

St. Catharines, ON
MACE/Service

Fluid Oilfield Heating Services

Calgary, AB
MACE/Service

FortisBC Energy Inc. (formerly Terasen Gas Inc.)

Revelstoke, BC
Retail Marketer

Free Gas Co. Ltd.

Fonthill, ON
Retail Marketer

FSN Training & Development Inc.

Newmarket, ON
MACE/Service

Fuels Inc.

Hamilton, ON
Retail Marketer

G.A. Olah Consulting Services

Toronto, ON
Associate

Galaxy Gas Products

Oakville, ON
MACE/Service

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Calgary, AB
Producer



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F 519 766-3395

Gas Processing Management Inc.

Calgary, ON
Associate

Gas Supply Resources Inc.

(DCP Midstream LLC)
Houston, TX
Wholesale Marketer

Gaz Propane Rainville

Granby, QC
Retail Marketer

Gerow Propane Ltd.

Brighton, ON
Producer

Gestion Energie Québec Inc.

Sainte-Marie, QC
Wholesale Marketer

Gibson Energy ULC

Calgary, AB
Retail Marketer

Gibson Gas Liquids

Calgary, AB
Wholesale Marketer

Glencoe Resources Ltd.

Calgary, AB
Producer

Granite Oil Corp.

Calgary, AB
Producer

Grant Fuels Inc.

New Liskeard, ON
Wholesale Marketer

Green Plains Trade Group LLC

Vancouver, BC
Associate

Green Roads Recycling Ltd.

Fernie, BC
Retail Marketer

Greenergy Fuels Canada Inc.

Saint John, NB
Associate

GS E&R Canada Inc.

Calgary, AB
Producer

GTI Petroleum

Eckville, AB
Retail Marketer

Guy Propane Inc.

Winchester, ON
Retail Marketer

Hall-Chem Mfg. Inc./

Chemarketing
Boucherville, QC
Associate

Hanna Oil & Gas Company -

Canada ULC
Calgary, AB
Producer

Harmattan Gas Processing LP

Didsbury, AB
Producer

Harvest Operations Corp.

Calgary, AB
Producer

Hellian Oilfield Services Inc.

Provost, AB
Transporter

Hensall District Co-op Inc.

Hensall, ON
Retail Marketer

Heritage Propane Ltd.

Bassano, AB
Retail Marketer

Highlands Propane Inc.

Fenelon Falls, ON
Retail Marketer

Huronia Med-E-Ox Ltd.

Goderich, ON
Retail Marketer

Husky Energy Inc.

Calgary, AB
Producer

IBERDROLA Canada Energy

Services Ltd.
Calgary, AB
Producer

Idemitsu Apollo Corporation

Calgary, AB
Associate

Imaginea Energy Corp.

Calgary, AB
Producer

Imperial Oil Ltd.

Calgary, AB
Producer

Independent Gas Service Inc.

Leduc Country, AB
Retail Marketer

Inuvik Gas Ltd.

Inuvik, NT
MACE/Service

Irving Oil Ltd.

Saint John, NB
Producer

ISH Energy Ltd.

Calgary, AB
Producer

Jade Mountain Propane Ltd.

Blind Bay, BC
Retail Marketer

John E Francis Fuels

Mindon, ON
Retail Marketer

Journey Energy Inc.

Calgary, AB
Producer

KANATA Energy Group Ltd.

Calgary, AB
Producer

Keda Propane Ltd.

Dease Lake, BC
Retail Marketer

Kelly's Propane

**(Peterborough
Fuel & Transfer)**
Peterborough, ON
Retail Marketer

Kenmac Energy Inc.

Charlottetown, PE
Retail Marketer

Kerr Controls

Truro, NS
Associate

KEYERA Energy Partnership

Calgary, AB
Wholesale Marketer

Kiros Energy Marketing

Calgary, AB
Wholesale Marketer

La Coop fédérée

Montreal, QC
Retail Marketer

Laidlaw Carriers Tank LP

Woodstock, ON
Transporter

Lake of the Woods Freight

Service Inc.
Kenora, ON
Transporter

Lexin Resources Ltd.

Calgary, AB
Producer

Link Petroleum Services Ltd.

Calgary, AB
Wholesale Marketer

Liquid Controls Group

Lake Bluff, IL
MACE/Service

Liquids Transloading Ltd.

Calmar, AB
Wholesale Marketer

Lloydminster and

District Co-op. Ltd.
Lloydminster, SK
Retail Marketer

Logic Energy Ltd.

Calgary, AB
Producer

Long Run Exploration Ltd.

Calgary, AB
Producer

Long Term Asset

Management Inc.
Airdrie, AB
Producer

LV Energy Services Ltd.

Rimbey, AB
Transporter

MacDonnell Fuels Ltd.

Owen Sound, ON
Retail Marketer

MacGillivray Fuels Ltd.

Antigonish, NS
Retail Marketer

Mach Energy Services Inc.

Calgary, AB
Transporter

Manchester Tank Canada Ltd.

Tillsonburg, ON
MACE/Service

Manitok Energy Inc.

Calgary, AB
Producer

Marquee Energy Ltd.

Calgary, AB
Producer

MARSH Canada Ltd.

London, ON
Associate

Marshall Excelsior Company

Marshall, MI
MACE/Service

Master Lock Field ID

Toronto, ON
MACE/Service

Max Fuel Distributors Ltd.

Slave Lake, AB
Retail Marketer

MaXfield Inc.

Calgary, AB
MACE/Service

Maxquip

Calgary, AB
MACE/Service

Mayes-Martin Ltd.

Barrie, ON
Wholesale Marketer

McCarthy Propane Inc.

Killaloe, ON
Retail Marketer

McDougall Energy Inc.

Sault Ste. Marie, ON
Retail Marketer

McKeown & Wood Fuels Ltd.

Napanee, ON
Retail Marketer

McRobert Fuels Ltd.

Strathroy, ON
Retail Marketer

Mercuria Commodities

Canada Corporation
Calgary, AB
Associate

Metro Propane Inc.

Winnipeg, MB
Retail Marketer

MFC Processing Partnership

High River, AB
Producer

MGPI Processing Inc.

Atchison, KS
Associate

MID:COM

Hampton, Iowa
MACE/Service

Midwest Propane Inc.

Wetaskiwin, AB
Retail Marketer

Mighty Flame Canada Inc.

Toronto, ON
Retail Marketer

Milligan Propane Ltd.

Beeton, ON
Wholesale Marketer

Modern Propane Ltd.

Fort Qu'Appelle, SK
Retail Marketer

Moncton Propane Services Inc.

Moncton, NB
Retail Marketer

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MACE/Service

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Producer

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Producer

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Producer

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Producer

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Wholesale Marketer

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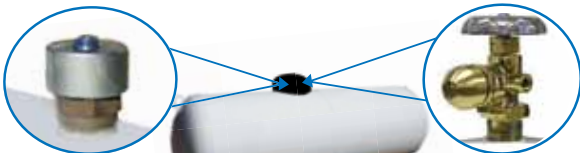
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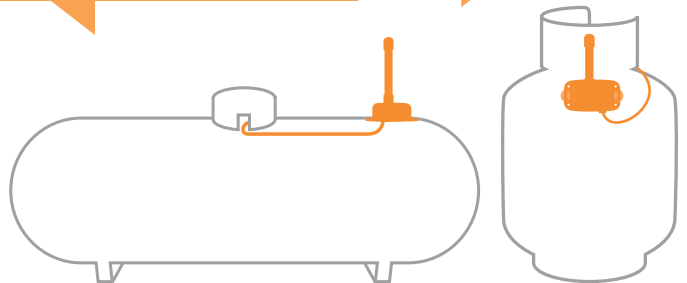
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