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CANADIAN CONSULTING
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FOR IMMEDIATE RELEASE

Consulting Engineers Improve Power Reliability and Help Protect the Environment

(OTTAWA) October 25, 2016 – Consulting engineers from Allnorth-KGS Group-CAP Engineering managed and designed the Whitehorse Diesel to Liquefied Natural Gas Conversion Project, for which they won an Award of Excellence Tuesday night at the 2016 Canadian Consulting Engineering (CCE) Awards gala. This project was recognized for its technical excellence and its social, economic and environmental contribution to the community in which it was carried out. Because of its design, the innovative 8.8 MW liquefied natural gas (LNG) fueled power generating station, improves **reliability**, and **reduces power costs** and **environmental impacts**.

“These awards showcase the outstanding talent and expertise of consulting engineers across Canada,” said ACEC President and CEO John Gamble. “By recognizing projects with national awards, we highlight the important contributions of engineering firms to Canadians and the huge impact they have both here at home and around the world.”

Improving reliability, reducing power costs and environmental impacts

The Yukon’s hydro-based electrical system is isolated from the North American grid. In addition, delivering a continuous source of electricity is challenged by spikes in demand due to weather, transmission, and hydro generation failures. Yukon Energy Corporation’s ageing diesel backup generators are an increasing reliability risk. For these reasons, the Yukon Energy Corporation - Engineering Group constructed an innovative 8.8 MW liquefied natural gas (LNG) fueled power generating station, improving **reliability**, and **reducing power costs** and **environmental impacts**. In fact, replacing aging diesel generators with LNG fueled ones, reduces emissions of greenhouse gases by 11% to 20% and also reduces emissions of other air pollutants such as NOx by up to 80% and particulate emissions by up to 70%.



“It is a tremendous honour to receive the prestigious Award of Excellence in the 2016 Canadian Consulting Engineering Awards. This award would not have been possible without the hard work and dedication of the entire team. We are grateful for the opportunity to have been part of this ground-breaking project, said,” Darby Kreitz, P.Eng., Allnorth Chief Executive Officer.

The project was accomplished with **First Nations** support as well as a \$21 million investment from the Kwanlin Dun Band and it enables local jobs to be maintained for the ongoing LNG facility’s operations and maintenance.

In November, follow the [#20DaysOfExcellence](#) in engineering campaign on Twitter and at www.acec.ca/20daysofexcellence to watch videos of award-winning projects like this one and to learn more about the impact of consulting engineering on our quality of life.

The award-winning projects are described in full in the October-November 2016 issue of *Canadian Consulting Engineer* at <http://www.canadianconsultingengineer.com/digital-edition/>.

Allnorth has been providing consulting services since 1995 to clients in the Mining, Oil & Gas, Pulp & Paper, Chemical, Infrastructure and Power sectors. They are a multidisciplinary engineering and technical services company with a team that has grown to be in excess of 400 employees. www.allnorth.com

ACEC represents companies in Canada that provide professional engineering services to both public and private sector clients. These services include the planning, design and execution of all types of engineering projects, as well as providing independent advice and expertise in a wide range of engineering and engineering-related fields. For more information about ACEC and the 2016 Canadian Consulting Engineering Awards, please visit www.acec.ca.

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Multimedia (includes project description, video, photo):

[Project photo](#)

[Project page on acec.ca](#)

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