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CANADIAN CONSULTING
engineer

FOR IMMEDIATE RELEASE

BBA honoured during Canadian Consulting Engineering (CCE) Awards Virtual Celebration

(OTTAWA) October 29, 2020 – The work of Canadian consulting engineering firms was celebrated online Thursday night, as twenty projects were recognized for excellence during the 2020 Canadian Consulting Engineering (CCE) Awards virtual celebration. **BBA's** Mont-Saint-Hilaire team received an **Award of Excellence** for their *Meliadine Mine Cogeneration Plant* project in Rankin Inlet, Nunavut.

Recognized as the industry's highest honours, the awards are presented to projects by Canadian firms that showcase the most remarkable engineering feats. “Though we may not have been able to celebrate in-person this year, these achievements and the incredible work of our members were recognized on a virtual stage” said ACEC President and CEO John Gamble. “Through their ingenuity and innovation, the work of consulting engineering companies connects communities, grows the economy, protects the public and improves sustainability. The impacts and benefits of their work are long-lasting, often immeasurable, and deserve to be celebrated.”

Combining creativity and practicality to solve complex challenges.



Meliadine Mine Cogeneration Plant - Agnico Eagle's Meliadine mine, located 25 km north of Rankin Inlet, Nunavut, is one of Canada's largest mining projects since 2015.

Accessible only by sea and air, supplying power to such remote mining facilities can be extremely challenging. Agnico Eagle was in search of an efficient, eco-friendly, safe and cost-effective solution.

BBA carried out the detailed engineering and participated in the construction management and commissioning of a 28 MW cogeneration plant, equipped with five generators, as well as the mine site's thermal and electrical systems. Given the highly variable electrical and thermal loads, the team proposed an efficient and reliable solution that optimized the heat recovery process. The high-performance generators and the heat recovery system's innovative design led to a total estimated energy efficiency of 80% and reduced diesel consumption by 4.5M litres per year. For the jury, this project was an excellent example of value engineering - exceeding the client's immediate needs with a long-term holistic perspective to the design process.

“We're very proud to have contributed to this ingenious project, which demonstrates that by combining creativity and practicality, we can solve the most complex challenges. As engineers, if we all put our



minds to it, energy efficiency and environmental protection can easily go hand in hand,” said André Allaire, BBA President.

About the firm

BBA has been providing a wide range of consulting engineering services for over 40 years. Today, its engineers, and environmental and field experts team up to transform natural resources to create value for industrial clients and future generations. With 13 offices across Canada, BBA is recognized for providing some of the industry’s most reliable and resilient solutions. www.bba.ca

Learn about all CCE Award winning projects

In November, follow ACEC’s national and international award winning #20DaysOfExcellence in Engineering campaign on social media. Visit www.acec.ca/cceawards to view videos of the winning projects and to learn more about the impact of consulting engineering on our quality of life.

About CCE Awards co-sponsors

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 2020 Canadian Consulting Engineering Awards, please visit www.acec.ca.

Canadian Consulting Engineer is a privately-owned magazine for professional engineers working as consultants in the construction field. It is published by Annex Business Media. This year’s award-winning projects are described in full in the October/November 2020 issue of *Canadian Consulting Engineer* at www.canadianconsultingengineer.com/digital-edition/

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Multimedia (photo, project description, video)

Meliadine Mine Cogeneration Plant project [page](#) with video & [photo](#)

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