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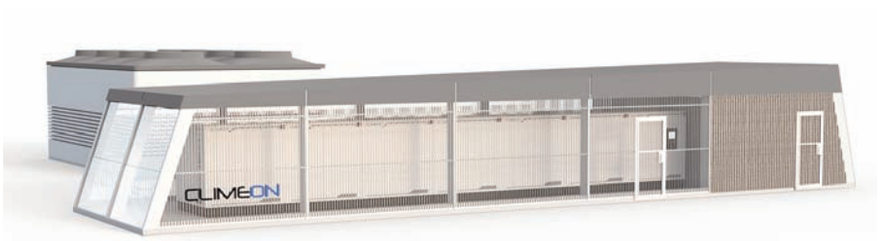
Climeon Wins the World's First Geothermal Power Plant Order in Canada

Adapted from Information by Climeon

The world's first order for a geothermal power plant in Canada went to Climeon, a heat power technology provider. The order includes delivery of three 150-kilowatt Climeon modules to the demonstration project Sustainaville owned by Borealis GeoPower, as reported in *WWDR*'s January 2018 *E-News Flash* article *Canada's First Geopark - Sustainaville*.

The project is located in Valemount, British Columbia, Canada. The municipality of Valemount is situated near the end of a transmission line, and the distributed power production from the Climeon Heat Power solution will provide additional energy to the area. Borealis GeoPower has conducted extensive field work and is confident the Climeon Heat Power system can operate at optimal levels even when there are large variations in flow and temperature.

Alison Thompson, cofounder and CEO of Borealis GeoPower said, "Our impact goes deeper than the drilling. We provide energy and food security solutions with an emphasis on 'please in my backyard' from the local community and Indigenous Peoples. We look forward to working with the low-temperature heat power market leader Climeon and our myriad stakeholders on bringing the Sustainaville project to life. Thanks goes out to the British Columbia and other governments involved in this project for their continued support."



Ruben Havsed, head of geothermal sales at Climeon said, "We are very excited about the possibility to work with Borealis on this project. The potential for low-temperature geothermal heat power is substantial and it can be produced almost anywhere in the world. This new order, together with orders from Iceland, USA, and Germany earlier positions us as a key player in the transition to renewable energy."

Drilling will start this spring, and delivery of the Climeon Heat Power modules is planned for the end of year. Borealis GeoPower and Climeon are taking an important step on the road to demonstrating the viability of commercial geothermal power in Canada.

The demonstration project makes Borealis GeoPower a leader in the Canadian geothermal sphere. The company has long-term goals of making remote communities less dependent on fossil fuels by heating and fully powering them with clean energy from geothermal resources.

Canada is the only large country which still lacks geothermal power production in the volcanic area surrounding the Pacific Ocean. Canada is estimated to have similar geothermal potential as the U.S. which has 3.5 gigawatts of installed geothermal power production capacity. Canada's knowledge and expertise from the gas and oil industry, together with the progressive geothermal sector, sets a good foundation for the geothermal market to accelerate in the coming years.

Canada's Minister of Natural Resources Jim Carr said, "Geothermal power is an exciting avenue that offers us so much to explore. By bringing this demonstration of renewable power to our country, we have the opportunity to showcase clean reliable energy generation, supporting the transition away from fossil fuels to more sustainable options. Our government is proud to support Borealis and Climeon to discover how this demonstration project may lead to further geothermal energy deployments that will help our country create a brighter future."

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