



## Bell Campus Case Study

Bell Canada Office Campus, Montreal, QC





## The Project

The Bell campus consists of approximately 1 million square feet of Class “A” office space. It has consolidated Montreal’s workforce, and currently acts as BELL’s new national headquarters. As a LEED-project (Leadership in Environmental and Energy Design), the buildings were designed to be environmentally sensitive, functional and ecologically friendly. LEED is the most rigorous international standard for environmental and sustainable development. This was the first major Montreal office building to adopt a LEED approach to development.

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## The Solution

The CGC Group Hybrid Heat Pump System was selected as the HVAC system in order to take advantage of the **FREEHEAT™** concept, which makes use of “waste energy” in the form of useful energy.

Unlike conventional Water Source Heat Pump Systems, the CGC Hybrid Heat Pump System does not operate the compressors in order to extract heat from the water loop. This practice eliminates the electrical heat portion associated with a traditional heat pump system, and allows for better conservation and reclamation of the waste heat. Other benefits include longer equipment life, lower maintenance cost and greater energy savings.

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