

Cascades Cabano Plant

Since 1970 Cascades, a Quebec based company, has been specializing in the pulp & paper, plastic, cardboard, and recycled products field. An industry leader in “thinking green”, they are constantly innovating new ways to use recycled items. Cascades mission statement “To improve the well-being of people, communities and the planet by providing sustainable and innovative solutions that create value” is a guiding principle they don’t hesitate to follow, as seen in one of their more recent projects.

With sustainability and environmental stewardship in mind, companies are having to change operations to become more environmentally conscious. “To be a key contributor to our customers’ success by leading the way for sustainable packaging, hygiene and recovery solutions” is a companywide vision. So, it comes as no surprise that in 2015, an agreement was made between the Canadian government and Cascades to reduce greenhouse gas emissions end of year 2020. A few projects were presented and when engineers looked at the Cabano plant, it showed the most potential in reducing greenhouse gas emissions overall.

This plant had a total of 1,500 BHP (approximately 52,000 PPH of steam) running on #6 oil. With this project alone, and solely replacing the #6 oil boilers with electric boilers, enough greenhouse gas savings were generated to meet the agreement!

Vapor Power International was able to supply Cascades with the equipment to accomplish all of this and more. With a very small boiler room to work with, Vapor’s compact-sized BBJ Electrode boiler ended up being the perfect application. The boiler operated at 60,000 PPH steam flow with an operating pressure of 250 PSIG.



The Vapor BBJ Electrode Boiler was chosen by Cascades primarily due to:

- **Zero Emissions**
- **Zero Air Permit Requirements**
- **High Efficiency** – Near 100% Efficiency!
- **Low Installation Cost** – Eliminates the need for a special boiler room, specialized equipment and their corresponding costs.
- **High Turndown & Quick Response to Load Changes** – Safely operate as low as 1% of output!
- **Reliable, High-Quality Steam**



For more information on the above application or additional Vapor case studies, please contact your local Vapor Representative or Vapor Power International at (630) 694-5500. Also visit our website at www.vaporpower.com