



## The City of Revelstoke's Community Energy System

The City of Revelstoke's highly efficient Community Energy System (CES) incinerates forest industry wood residue to produce energy, while eliminating many common air pollutants.

The CES delivers low-pressure steam to sawmill drying kilns, providing up to 85% of kiln energy, and distributes energy to buildings in the City core via a buried hot-water pipe system. Examples of buildings that are fully heated by the CES include the Revelstoke Secondary School and the Revelstoke Aquatic Centre.

The sawmill has signed a 20-year agreement to supply waste wood, adding value locally to what was previously waste and displacing up to 45,000 gj of imported non-renewable fossil fuel (propane) annually.

Municipal and private customers have also signed 20 year energy supply agreements (ESA) providing long-term energy cost stability. The plant improves air quality in the community, reducing GHG emissions, fly-ash, particulate and smoke.

At present, the system reduces annual GHG emissions by 2,600 tonnes of GHG per year – at full build out we will eliminate approximately 4,000 tonnes.

Revenues from the sale of heating energy remain in the community, supporting the local economy.

For more information, contact Larry Marchand, Manager of the Revelstoke Community Energy Corporation at (250) 814-0115.