



## Project Profile

### BTU Metering System

Brockville, Ontario



#### SUMMARY:

A portion of our clients site is equipped with natural gas fired hot water boilers. The boilers distribute water to 3 buildings with different tenants on the site. The client was looking for a solution to accurately recover their energy costs for the hot water being distributed to the multiple tenants.

The boilers are centrally located and are fed with natural gas from a Gas meter external to the boilers provided by a gas service provider. The supply piping from the boilers is connected in a common header and eventually distributed through tunnels and a closed loop system to the buildings which use the hot water for heating and through heat exchangers for domestic use.

HSP's involvement was to provide engineering services to establish the most accurate and cost effective way to measure the energy being distributed to the multiple buildings such that the client could recover their costs for the natural gas from the tenants. The solution was a BTU metering system.