**CHP Overview:**

The objective of adding the combined heat and power (or CHP) equipment to your heating and domestic hot water plant is to reduce your energy expenses.

The CHP unit achieves a high level of efficiency (95%) by using natural gas to produce electricity and hot water at your property. Heat produced during the process of generating electricity is captured and used to heat the domestic hot water.

In addition to reducing energy expenses, there are other benefits to the Greenwatt CHP unit.

* No equipment or installation cost.
* No cost for routine maintenance.
* Pay only for the electricity that the CHP produces.
* Remote monitoring of the CHP’s performance.
* Reduction in greenhouse gas emissions.
* Backup power in case of power failure. This feature is currently under development.
* Less wear and tear on the heating and domestic hot water plant.
* Additional redundancy for domestic hot water.