

Real-world savings from precision control

To demonstrate fuel gas and CO² emission savings offered from tight set-point control, real-world performance of a new thermosyphon heater installation was compared to a traditional atmospheric water bath heater and normalised to a capacity of two megawatts. The comparison has assumed a 20% load factor, equivalent to an annual running time of 1,750 hours per year, which is common for preheating applications on gas distribution network.

Application:	Natural gas preheating
Installed heat capacity:	2 megawatts
Average annual load factor:	20% (equivalent to 1,750 hours at full capacity)

Key performance indicators comparing a real-world performance of a traditional atmospheric water bath heater against a new Thermosyphon heater installation

