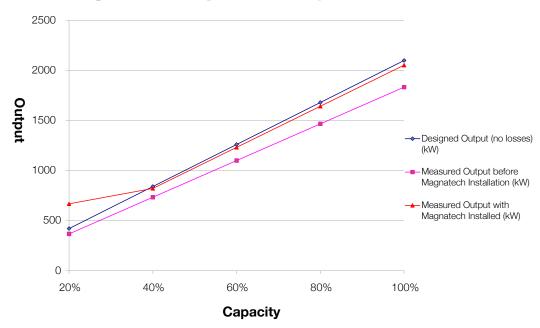
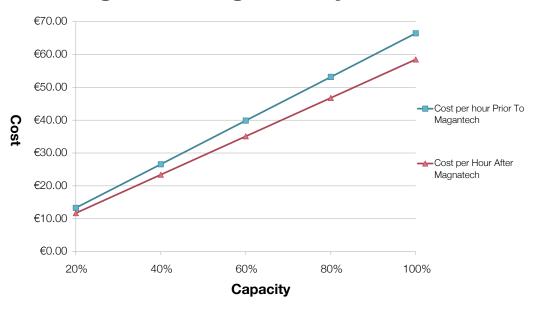


# Scientific trial results

# **Magnatech Output Summary**



# **Magnatech Savings Summary**



# **BOSTON SCIENTIFIC**

#### **Magnatech Data Summary**

# Results taken from Boiler Running @ 20%

# Costs generated using a cost of €0.04 per kwHr

Boilers Designed Total Capacity = 2100kw

At 20% the boilers actual output is = 17.5% implying losses of 2.5% @ 20%

Output after Magnatech is 667 Kw = 32% of Boilers total capacity operating @ 20%

Savings = 32% - 20% = 12%

Summary					
Capacity	20%	40%	60%	80%	100%
Capacity	20%	40%	00%	00%	100%
Designed Output (no losses) (kW)	420	840	1260	1680	2100
Measured Output before Magnatech (kw)	367	733	1100	1467	1833
Measured Output with Magnatech (kw)	667	821	1232	1643	2053
Gas Consumption per min (m3)	0.5	1	1.5	2	2.5
Gas Consumption Magnatech to generate					
actual average value per min (m3)	0.44	0.88	1.32	1.76	2.2
Gas Saving (Magnatech) to generate actual					
output per min (m3)	0.06	0.12	0.18	0.24	0.3
Hourly Consumption Saving generating actual					
average value (m3)	3.6	7.2	10.8	14.4	18
Hourly Consumption Saving generating actual					
average value (€) - 4 cent per kWhr	€1.60	€3.19	€4.79	€6.38	€7.98

@ 100% efficiency (Boiler Design) The Magnatech System provides a saving of 12%