

Portsmouth Energy Report 2008

a) A review of opportunities for increasing the overall energy efficiency

Listed below are area's that we are looking at in 2009 to improve efficiency:-

- Thermal losses – Identified during thermo graphic survey.
- Rainwater Harvesting- Tipping Hall wash down.
- UFA temperature control – Automatic control Valve.
- PIR lighting control.
- Energy Efficient lighting.
- Automatic ACC wash down system.

b) Progress with the opportunities identified in the previous annual report.

- Thermal losses – Identified during thermo graphic survey.
Lagging all replaced.
- Rainwater Harvesting- Tipping Hall wash down.
Suspended due to financial downturn.
- UFA temperature control – Automatic control Valve.
Await result from trial at Marchwood ERF
- PIR lighting control.
“As and when” when replacing old fittings.
- Energy Efficient lighting.
As above.
- Switchboard zoned metering.
Suspended due to financial downturn.
- Automatic ACC wash down system.
Suspended due to financial downturn.
- Replace all CRT monitors with LCD.
Completed.

c) Energy produced per tonne of waste processed including parasitic load and exported energy.

Type of energy	MWh/Tonne
Total energy produced	0.51
Average annual exported	0.48
Typically parasitic load	0.07