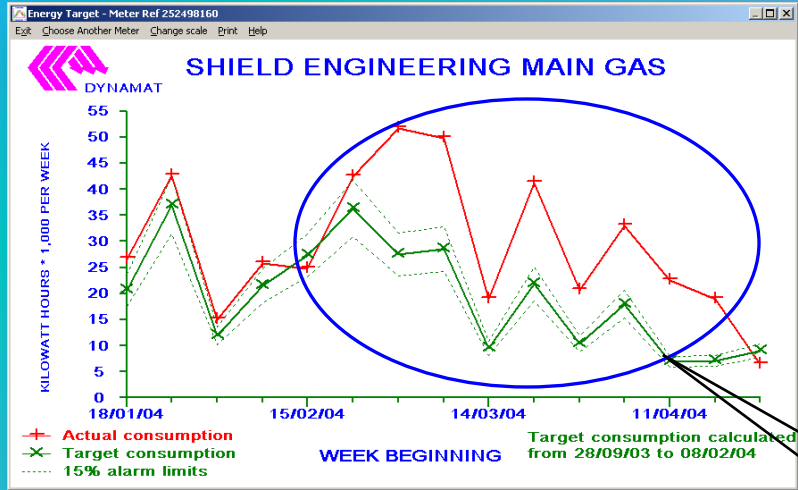


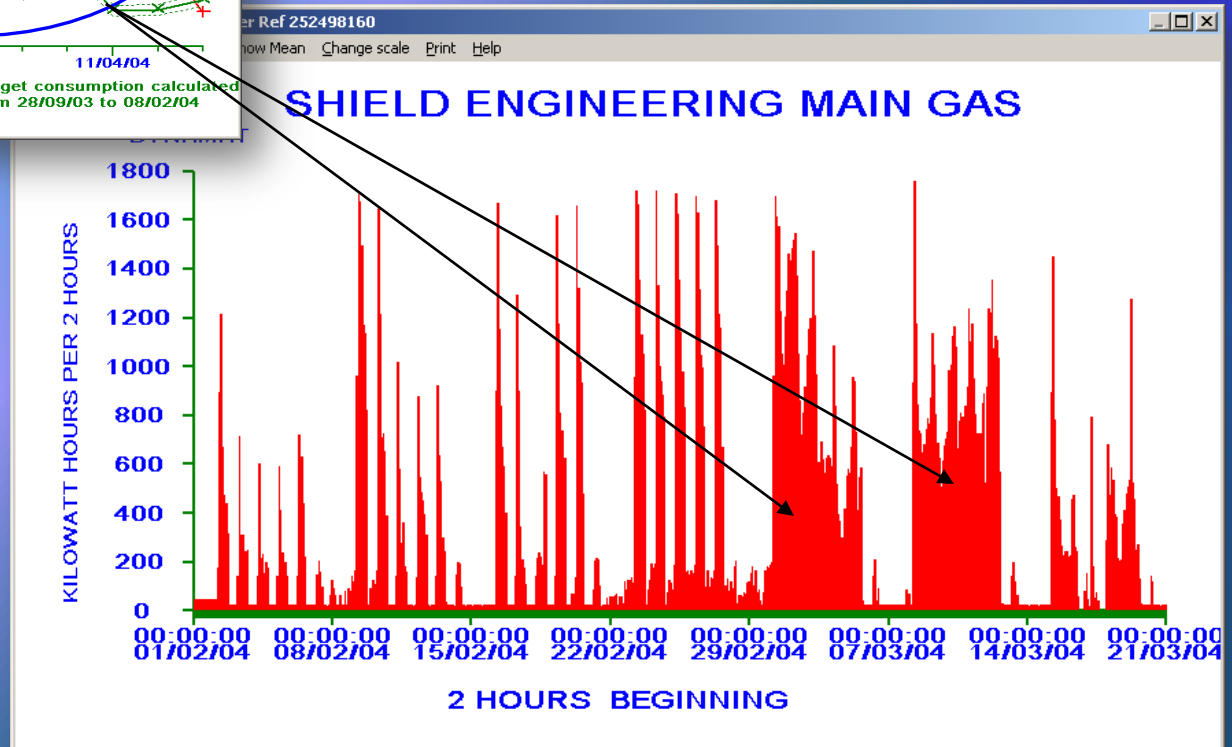
SHIELD ENGINEERING

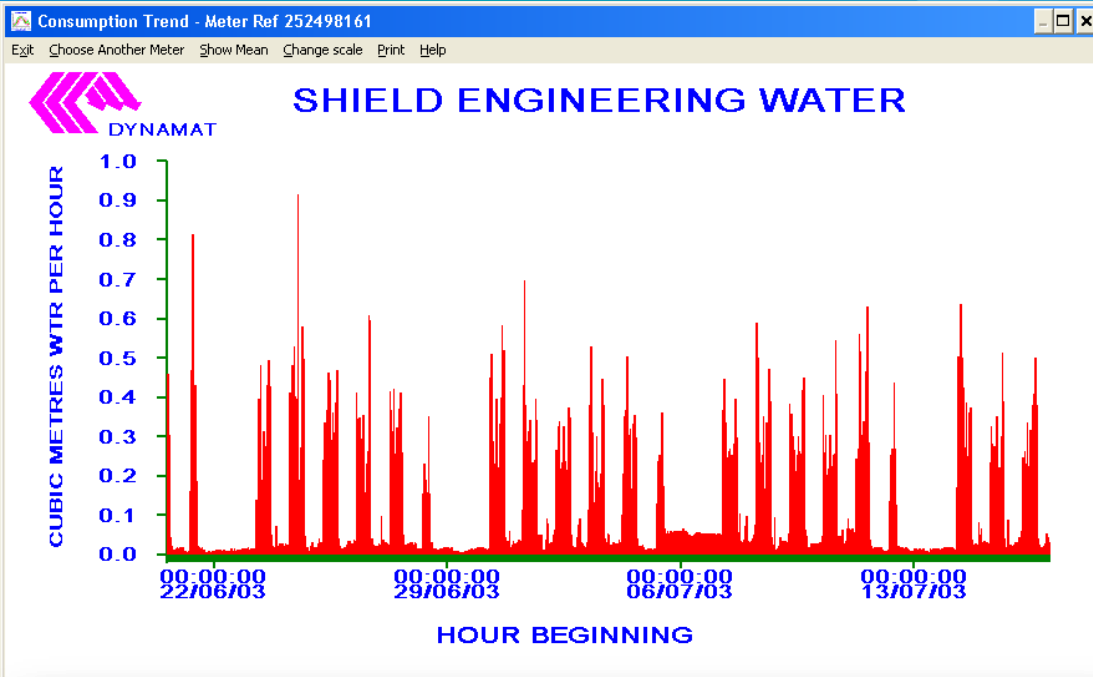


Shield Engineering - Gas



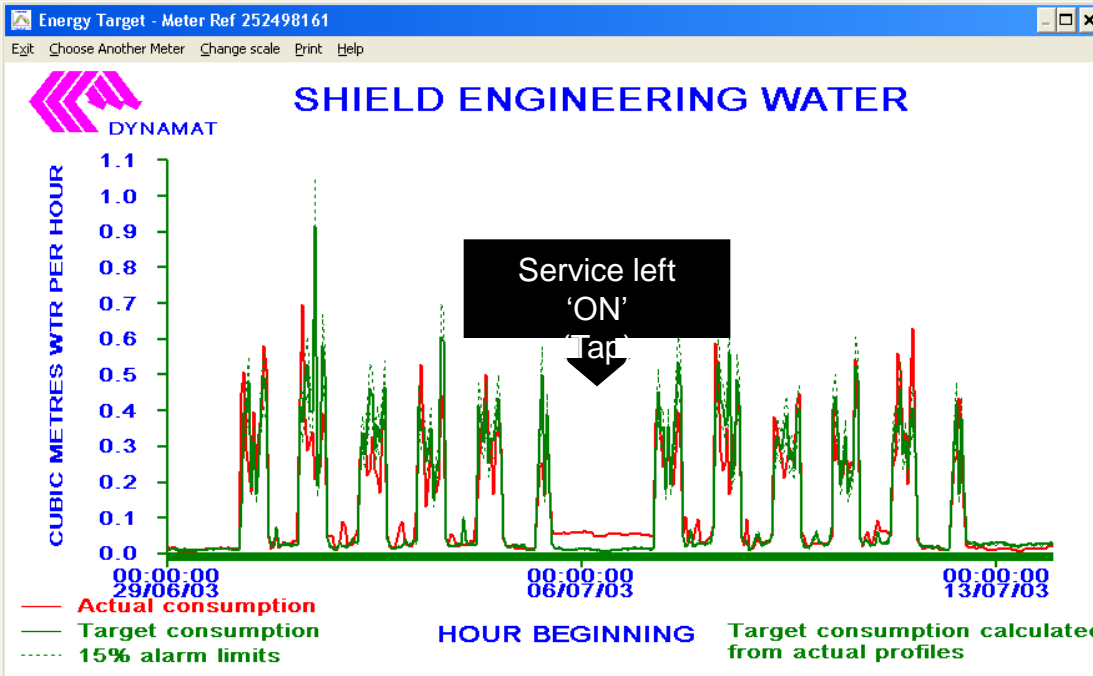
Gas usage profile changed in March due to production, the company were temporarily working nights Monday to Friday





SHIELD ENGINEERING WATER SUPPLY MAINS WATER CONSUMPTION PER DAY

Date	Consumption (CU.M)
21/06/03	2.46
22/06/03	0.30
23/06/03	4.02
24/06/03	5.37
25/06/03	4.28
26/06/03	4.24
27/06/03	3.94
28/06/03	1.55
29/06/03	0.29
30/06/03	4.43
01/07/03	4.45
02/07/03	3.65
03/07/03	3.75
04/07/03	3.63
05/07/03	2.12
06/07/03	1.32
07/07/03	4.09
08/07/03	4.35
09/07/03	3.92
10/07/03	3.88
11/07/03	4.36
12/07/03	1.76
13/07/03	0.34
14/07/03	4.73
15/07/03	3.74
16/07/03	3.98
Total	84.91



Shield Engineering - Electricity

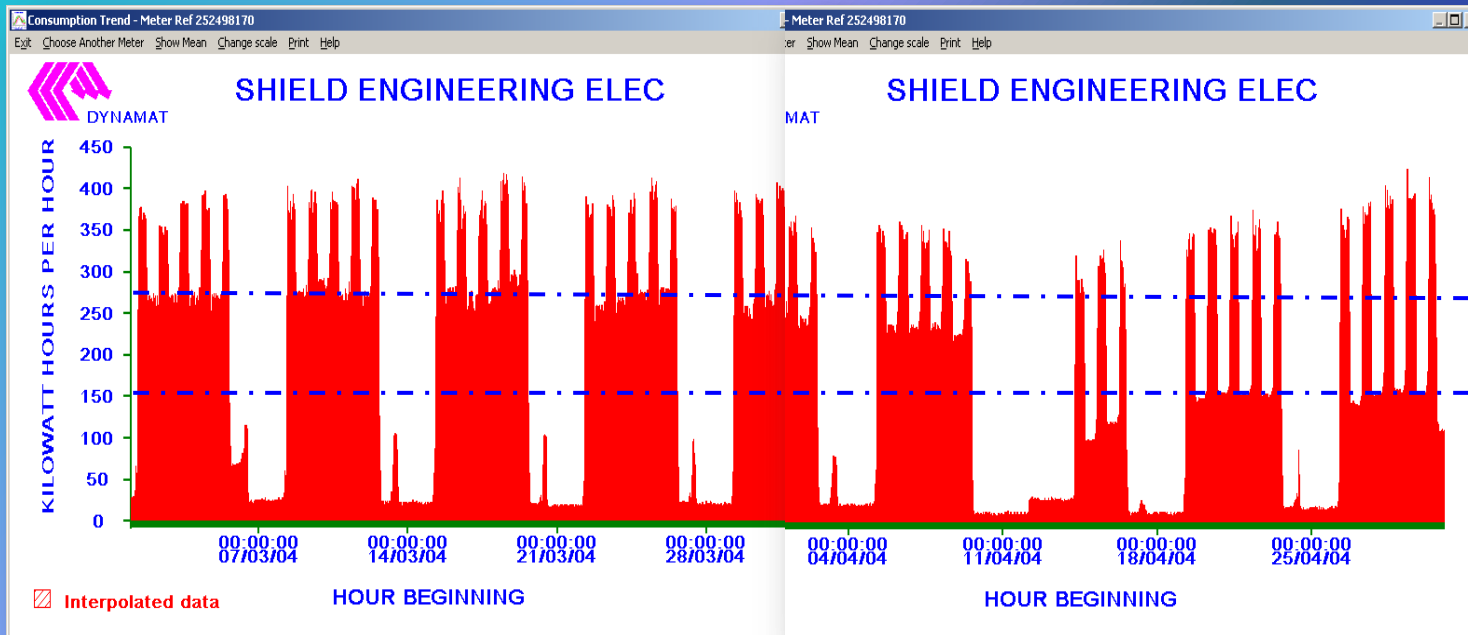
Electricity Usage Report

Originally there was a constant electricity base load 270 kW/h for 13 hours (Monday to Thursday - 5pm to 6am). The site indicated that there is a lot of industrial equipment that is currently not being switch 'OFF', due to error messages.

As a result of the time it takes to sort out these error messages very morning it was decided only to switch off this equipment over the weekend (Friday evenings).

Following a review, a number of electrical items are now being switched 'OFF' and hence current savings are averaging £235/week. **This saving of, £10,575 per annum**, has been achieved through good housekeeping - no capital investment was required.

However, there are still further possible opportunities to save £254/week, (£11,430 per annum)?



Additional 120 kW/h for 52 hours per week

Actual Savings
6,240 kWh per week
£235 per week

Additional 130 kW/h for 52 hours per week

Further Savings Opportunity:-
6,760 kWh per week
£254 per week

Shield Engineering - Electricity

Electricity Usage Report

Maintaining level of savings on evenings except the last two Friday nights where less equipment was turned off.

