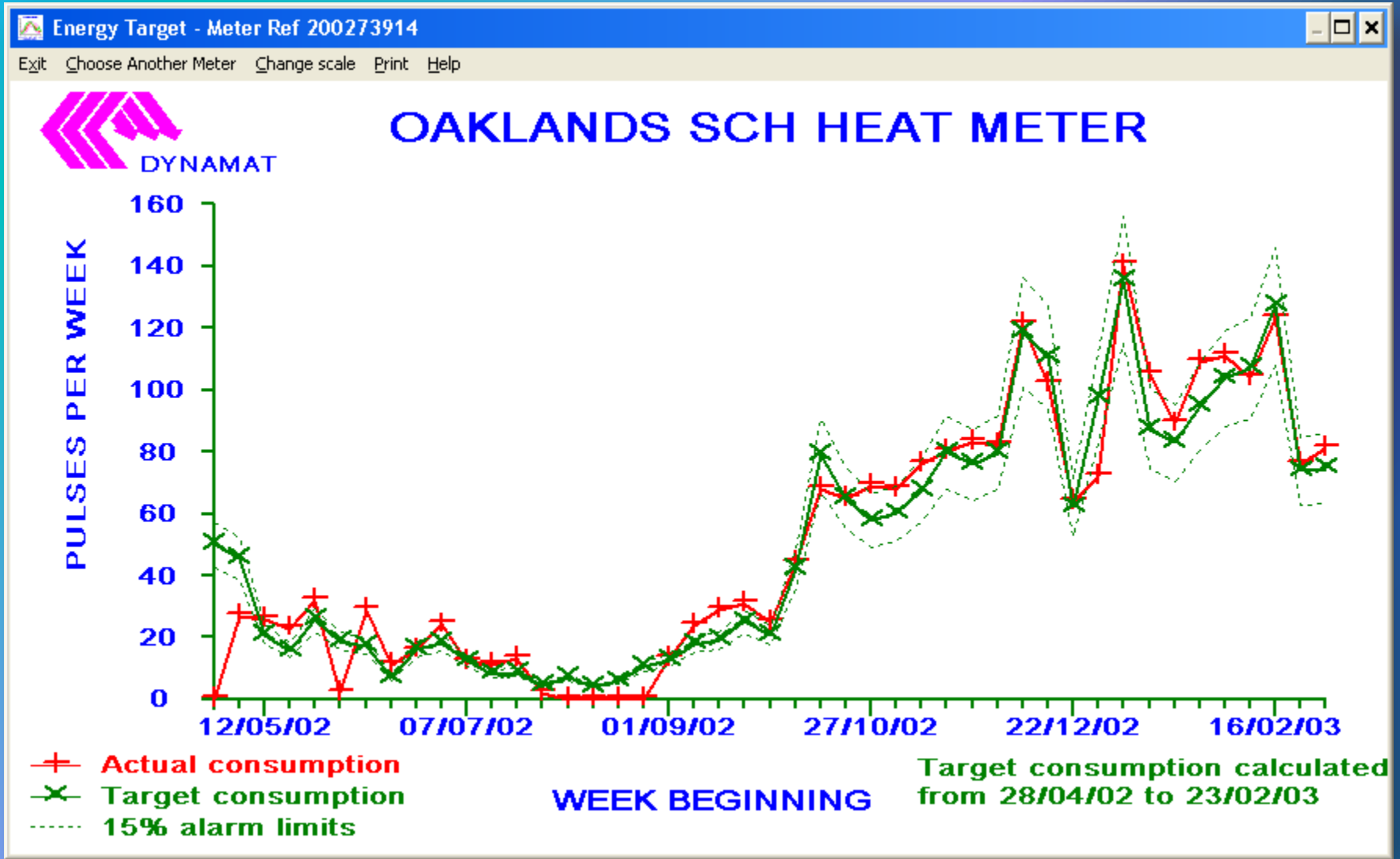


OAKLAND SCHOOL

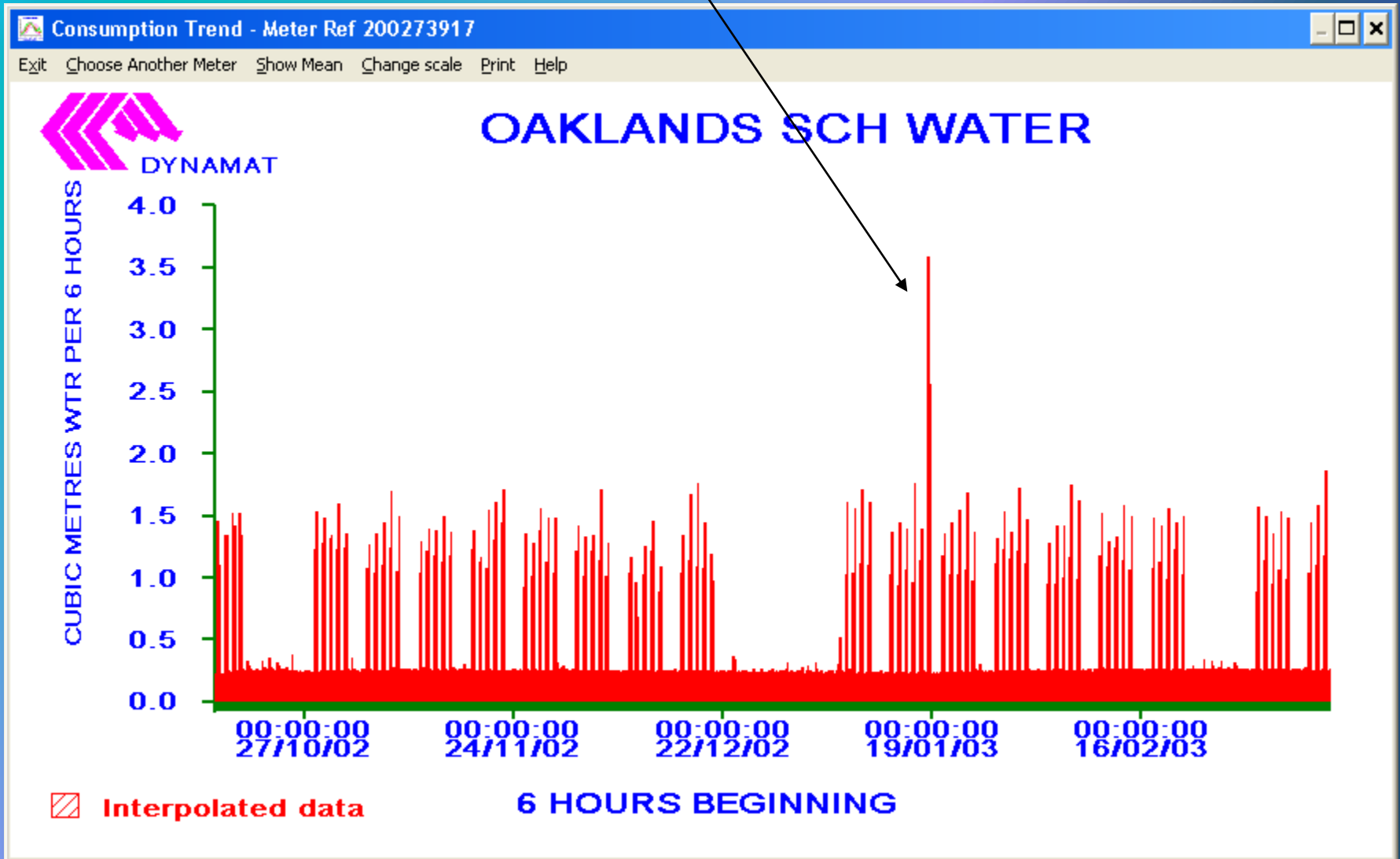


Oaklands School - Gas



Oaklands School - Water

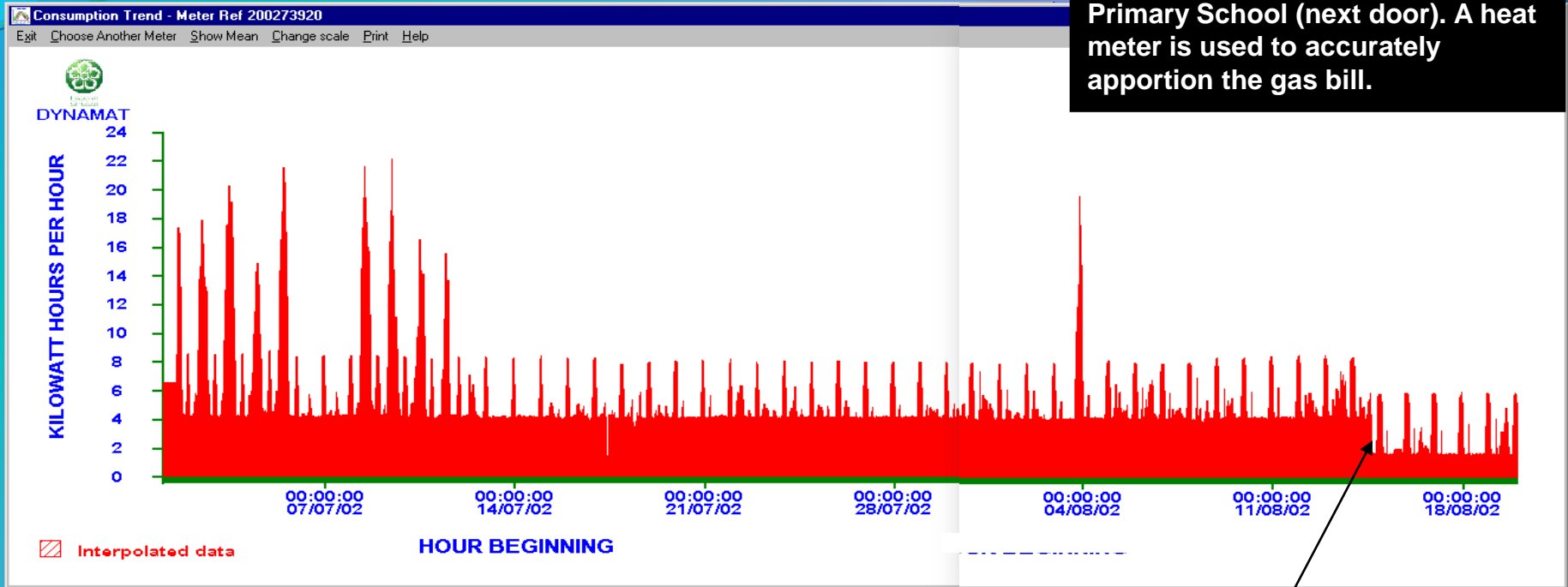
Wastage



Oakland School – Electricity savings

Main Electricity Supply

Oaklands Schools heating and hot water is provided from a central boiler house located in Whitehall Primary School (next door). A heat meter is used to accurately apportion the gas bill.



Monitoring of half-hourly electricity data has identified an irregular high base load of 4 kW/h at Oaklands School. It appears that there are three calorifier rooms around the school adjacent to shower rooms and toilets, all of which have 24-hour a day constant hot water delivery supply (Electrical Trace Heating).

As the Electrical Trace wiring is fitted to the insulated pipework and in operation out of hours, it is proposed that this circuit be connected to the Trend System. This will ensure that the system is only operational during school hours.

The electrical base load has been reduced from 4 kW/h to 2kW/h (out of hours).

Saving of £750 a year