

Appendix 5: Performance against Action Plan to reduce carbon emissions in 2008/09

Principal Service initiatives to reduce Council carbon emissions planned for 2008/09 (NI185)

Activity	Lead	Predicted CO2 reduction	Performance
Improved lighting in Maylords car park and PowerPerfectors in 2 county high Schools	Property	40 tonnes	Installed – see also paragraph 19.
Replace outdated Transmittion systems in Schools & other buildings with TREND Building Management Systems	Property	60 tonnes	Trend installed on 66 sites
Virtualisation of 133 servers by ICT, reducing server power consumption and associated cooling by reducing number of servers from 200 down to 10	ICT	52 tonnes	190 servers virtualised in 08/09
Use of pedal powered delivery service for moving council files -Planning & Modern Records		1.1 tonne	Continuing.
Works on Halo run premises and to LEA pool	HALO/ Property Services		Aiming for 10% reductions with detailed plans for all premises.
Effect of better flare at Stretton Sugwas in reducing emissions by converting methane to CO2 and water	Environmental Health	4162 tonnes	Much more accurate data on flare operation.
£50K available in 08/09 as one off loan for schemes to improve the energy efficiency of council stock	Property		Allocated to street lighting pilots, wood fuel strategy and Re:Think energy scheme
Continue to replace street sign lamps with more efficient replacement (1x 13w bulb & electronic control) rather than the 2 x 11w bulb and mechanical switch). Replace Belisha Beacons and School Flashers as they fail with LED lights. All new lights installed are fitted with more efficient electronic control gear and ballast. Areas and lights are to be selected for conversion to Half night electronic cells that activate at darkness and switch off at 0100hrs. Routes are also to be identified for introducing light dimming schemes. Consideration is being given to converting continuous lit bollards with an electronic cell to switch off during daylight hours.	Highways	Reduced electricity use from 14500 lighting units. Inventory update near completion to form the basis for rolling replacement programme & allow reduction to be quantified.	Ongoing replacement programme. Hereford standard for illuminated signage now specifies LED lighting. Work on inventory continues. 38 bollards changed to LEDs with infrared switching. Three Elms street lighting dimming trial imminent.
Improved routeing of Home to School Transport vehicles	Children & Young People	Reduce CO2 emissions	
Convert existing Traffic Signal lights to LED units as well as installing LED units on all new work	Highways	Reduced electricity use from service's Traffic Signals	Ongoing