

Climate Action Plans – Low-cost Savings

Churches	Workplaces and Properties	Schools	Home and Personal
<i>Zero cost</i>			
<p>Turn off lights, computers/ monitors, printers, copiers etc when not in use, esp 'dead' areas</p> <p>Install low energy bulbs of suitable and good quality brand, having regard to situation, dimmable if needed etc</p> <p>Turn routers off overnight (unless designed for standby/on); sound reinforcement controls</p> <p>Close doors when rooms not in use</p> <p>Turn off rads when rooms vacant longer term</p> <p>Central thermostat down to 19°/ 18°/ even 16° C?</p> <p>Adjust thermostatic radiator valves (TRVs)/ room controls – higher in smaller rooms, lower in worship area/halls</p> <p>Keep hot water at 60° at least one hour each day</p> <p>Review controls – on/off times to suit uses</p> <p>Monitor to ensure no malfunctions/ unintended settings</p> <p>Ditto exterior lights, on only dusk to 11 pm (subject to safety/public liability)</p> <p>Make best designed use of heating and lighting zones</p> <p>Don't overfill urns and kettles</p> <p>Fix dripping taps promptly</p> <p>Drink tap water only</p> <p>Consider carbon cost of food served</p> <p>Recycle everything feasible</p> <p>Run any dishwasher at 55°?</p> <p>De-frost fridge and freezer regularly</p> <p>Service boiler annually</p> <p>Observe correct electrical test and servicing intervals (check with DAC)</p> <p>Ditto photocopiers, organ and blower</p> <p>Read meters monthly, tabulate year on year</p> <p>Implement simple and regular reporting regime</p> <p>Repair broken windows promptly</p> <p>Encourage low-energy transport – foot, cycle, bus, train, car – in that order of priority</p> <p>Establish/ communicate energy awareness policy; appoint energy/environmental champion.</p>	<p>Turn off lights (especially when leaving WCs, landings, copier areas, meeting rooms)</p> <p>Turn off computers/ monitors (especially at mains for weekends and leave), printers, copiers etc</p> <p>Close doors when rooms not in use – NB staff discipline, also for fire precautions</p> <p>Minimise use and temp settings of aircon</p> <p>Turn off radiators when windows open/ overnight/ weekend/ on leave/ if meeting rooms or cellular offices vacant</p> <p>Don't overfill urns and kettles</p> <p>Drink tap water only</p> <p>Set dishwashers to 55°?, run only when full</p> <p>Recycle everything feasible – eliminate work station bins</p>	<p>Staff, and teach children, to turn off lights, computers/ monitors etc, close doors when rooms not in use</p> <p>Turn appliances off standby (unless designed for standby/on e.g. network routers)</p> <p>Watch water use in wet teaching/play areas and limit where compatible with educational needs</p> <p>Feedback to users, reminder stickers</p>	<p>Turn off lights, computers/ monitors, phone chargers etc when not in use</p> <p>Install low energy bulbs of suitable and good quality brand, having regard to situation, dimmable if needed etc</p> <p>Turn appliances off standby (unless designed for standby/on e.g. network routers, some hi-fi amps)</p> <p>Central thermostat down to 20°/ 19°/ even 18°?</p> <p>Adjust radiator thermostats</p> <p>Turn hot water down to 60° (<u>not</u> less)</p> <p>Review controls – on/off times</p> <p>Service boiler annually</p> <p>Showers instead of baths?</p> <p>Don't overfill the kettle</p> <p>Fix dripping taps promptly</p> <p>Run dishwasher at 55°?, and only when full</p> <p>Run washing machine at 30°/ 40°, only when full</p> <p>Hang/ dry clothes outdoors not tumble</p> <p>Keep fridge as full as possible without waste</p> <p>De-frost fridge and freezer regularly</p> <p>Site fridge and freezer in a cool place</p> <p>Close curtains at dusk – so long as they don't overhang radiators</p> <p>Close doors when rooms not in use</p> <p>Turn off rads when rooms vacant longer term</p> <p>Turn thermostat down to 10 degrees when the house is empty short term, to prevent possible frost damage. Longer term drain system.</p> <p>Read meters monthly, tabulate year on year</p> <p>Calculate and compare carbon footprints</p> <p>Check and switch suppliers and/or tariff</p> <p>When replacing appliances, go for highest star energy rating: condensing boiler, A++ white goods, non-plasma TV</p> <p>Consider carbon cost of food, drink tap water only</p> <p>Recycle everything feasible</p> <p>Adopt low-energy transport – foot, cycle, bus, train. Car/taxi, plane/boat only if essential.</p>
	<i>Property maintenance</i>	<i>Catering and QM services</i>	
	<p>Install low energy bulbs of suitable and good quality brand, having regard to situation, dimmable if needed etc</p> <p>Central thermostat down to 20°/ 19°?</p> <p>Adjust thermostatic radiator valves (TRVs)</p> <p>Keep hot water at 60° at least one hour each day</p> <p>Review controls – on/off times</p> <p>Monitor to ensure no malfunctions/ unintended settings</p> <p>Fix dripping taps promptly</p> <p>De-frost fridges regularly</p> <p>Service boiler, copiers etc annually/regularly</p> <p>Read meters monthly, tabulate year on year</p> <p>Implement regular reporting regime</p> <p>Feedback to users, reminder stickers</p> <p>Calculate and compare carbon footprints</p> <p>When replacing appliances, go for highest star energy rating: condensing boiler, A++ white goods.</p>	<p>Don't overfill urns and kettles</p> <p>Review and maintain good kitchen and canteen practices</p> <p>Consider carbon cost of food, serve tap water only</p> <p>Recycle everything feasible</p>	
		<i>Maintenance team</i>	
		<p>Install low energy bulbs of suitable and good quality brand, having regard to situation, dimmable if needed etc</p> <p>Review temperatures of heating and hot water, always having regard to health & child-friendly standards</p> <p>Fix dripping taps promptly</p> <p>Review controls – off out of hours, weekends and holidays. Monitor to ensure no malfunctions/ unintended settings</p> <p>Read meters monthly, tabulate year on year</p> <p>Service boiler annually</p> <p>Calculate and compare carbon footprints.</p>	

<i>Low to medium cost</i>			
CofE Energy Saving Guidance CofE Heating Guidance	Thermostatic radiator valves (TRVs) Smart metering Controls with default settings to revert after temporary re-set Daylight/occupancy/ PIR lighting controls Thermal reducing window film Improved water regulation to storage and WCs 'Green' tariff	Thermostatic radiator valves (TRVs) Smart metering Controls with default settings to revert after temporary re-set Radiator shelves, proprietary foil behind radiators Draught-excluders on doors and windows Curtains across outside doors, especially glazed doors, internal stairs if no downstairs door Line all curtains Consider 'green' tariff	Thermostatic radiator valves (TRVs) Radiator shelves, proprietary foil behind radiators Improved water regulation to storage and WCs Draught-excluders on doors and windows Curtains across front door, or staircase if there is no downstairs door Line all curtains Home loft/ cavity wall insulation Consider 'green' tariff Commission Energy-Performance Certificate (mandatory when selling or letting) <u>After all possible savings</u> , consider offsetting whole annual carbon footprint with UK tree planting through Woodland Trust (especially on church land).

With grateful acknowledgement to Brian Cuthbertson, Head of Environment and Sustainability at the Diocese of London