

Examples of Eligible Technologies for PSDS

Project Type	Work Type	Direct carbon savings	Indirect carbon savings	Lifetime
Low Carbon Heating	Air source heat pump (air to water)	x		20.00
	Air source heat pump (air to air)	x		20.00
	Ground source heat pump	x		25.00
	Water source heat pump	x		25.00
	Connect to existing district heating	x		30.00
	Hot water - electric point of use heaters	x		12.00
	Solar thermal	x		25.00
	Biomass	x		20.00
	Electric boiler	x		20.00
	Electric radiant strip heater	x		10.00
	Electric radiant panel heater	x		20.00

Project Type	Work Type	Direct carbon savings	Indirect carbon savings	Persistence Factor
Building Energy Management Systems (BEMS)	BEMS - not remotely managed	x	x	6.84
	BEMS - remotely managed	x	x	8.42
Cooling	Cooling - control system		x	6.84
	Cooling - plant replacement/upgrade		x	8.21
	Energy efficient chillers		x	14.44
	Free cooling		x	13.68
	Replacement of air conditioning with evaporative cooling		x	13.68
Energy from Waste	Anaerobic digestion	x	x	15.20

	Incineration	x	x	15.20
Heating	Heat recovery	x		10.83
	Heating - discrete controls	x		6.84
	Heating - distribution pipework improvements	x		15.20
	Heating - zone control valves	x		11.88
	Replace steam calorifier with plate heat exchanger	x		28.50
	Steam trap replacements	x		15.20
	Thermal stores	x		18.00
Hot Water	Flow restrictors	x		14.00
	Hot water - distribution improvements	x		18.00
	Hot water - efficient showers	x		8.00
	Hot water - efficient taps	x		11.00
Industrial Equipment	Energy efficient convection-oven	x		10.30
	Energy efficient dishwasher	x		10.80
	Energy efficient washing machine	x		20.00
	Energy Efficient Steriliser	x		20.00
Insulation - building fabric	Cavity wall insulation	x		30.00
	Double glazing with metal or plastic frames	x		28.00
	Dry wall lining	x		30.00
	External wall insulation	x		30.00
	Loft insulation	x		27.00
	Floor insulation - suspended timber floor	x		27.00
	Floor insulation - solid floor or other type	x		30.00
	Roof insulation	x		30.00
	Secondary glazing	x		7.92
Insulation - draught proofing	Insulation - draught proofing	x		29.25
Insulation - other	Automatic speed doors	x		8.45

	Automatic/revolving doors	x		8.45
	Draught lobby (external)	x		29.25
	Draught lobby (internal)	x		29.25
	Radiator reflective foil (external walls)	x		8.00
Insulation - pipework	Heating pipework insulation (external)	x		9.00
	Heating pipework insulation (internal)	x		22.50
LED lighting	LED - new fitting		x	25.00
	LED - same fitting		x	13.00
Lighting Controls	Lighting - discrete controls		x	8.89
	Lighting control system centralised		x	10.26
Motor Controls	Fixed speed motor controls	x	x	11.40
	Motors - flat belt drives	x	x	11.40
	Variable speed drives	x	x	10.26
Motor Replacement	Motors - high efficiency	x	x	15.00
Renewable Energy	Small hydropower		x	22.80
	Solar PV		x	22.50
	Wind turbine		x	17.60
Time Switches	Time switches	x	x	6.84
Transformers	Low loss		x	30.00
	Transformer tapping change		x	30.00
Ventilation	Fans - air handling unit		x	23.75
	Fans - high efficiency		x	14.25
	Phase change material		x	23.75
	Ultrasonic humidifiers		x	7.22
	Ventilation - distribution		x	30.00
	Ventilation - presence controls		x	6.84