

Energy Companies Obligation (ECO): Measures Table

Version 1.6

This table provides information on the energy efficiency measures which suppliers can use to meet their ECO obligations. Energy efficiency measures exist in an innovative and changing environment. Because of this, some of the information in this table may need to be updated from time to time. Furthermore, we will add new columns when new information which we think will assist suppliers becomes available. Please see additional notes and information on amendments at the bottom of this table.

Using this Table: It is the responsibility of each person using this table to read the provisions of the Electricity and Gas (Energy Companies Obligation) Order 2012 and understand how those provisions apply to them. This table is not intended to be a definitive guide to provisions.

Measure Type	Measure Name ¹	Eligibility by Obligation ²			Additional Eligibility Information ²	In-Use Factor ³	Lifetimes ⁴	Relevant PAS Annex ⁵	Measure name: format for notification to Ofgem	Measure Category
		CERO	CSCO	HHCRO						
Insulation	Internal Wall Insulation Systems, for: a solid brick wall built before - 1967 (England and Wales) - 1965 (Scotland)	✓	✓	✓		33%	36	Annex B8	IWI_solid_pre1967_E&W_pre1965_S	Solid Wall Insulation
	Internal Wall Insulation Systems, for: a solid brick wall built after - 1967 (England and Wales) - 1965 (Scotland)	✓	✓	✓		25%	36	Annex B8	IWI_solid_from1967_E&W_from1965_S	
	External Wall Insulation Systems, for: a solid brick wall built before - 1967 (England and Wales) - 1965 (Scotland)	✓	✓	✓		33%	36	Annex B4	EWI_solid_pre1967_E&W_pre1965_S	
	External Wall Insulation Systems, for: a solid brick wall built after - 1967 (England and Wales) - 1965 (Scotland)	✓	✓	✓		25%	36	Annex B4	EWI_solid_from1967_E&W_from1965_S	
	Internal non-brick solid wall insulation	✓	✓	✓		25%	36	Annex B8	IWI_non_solid	
	External non-brick solid wall insulation	✓	✓	✓		25%	36	Annex B4	EWI_non_solid	
	Park Home External Wall Insulation Systems	✓	✓	✓		25%	30	Annex B4	EWI_Parkhomes	Park Home External Wall Insulation
	Cavity Wall Insulation	✓	✓	✓		35%	42	Annex B1	Standard_CWI	Cavity Wall Insulation
	External Wall Insulation for Cavity Walls	✓	✓	✓		35%	36	Annex B4	Standard_cavity_EWI_solution	
	Internal Wall Insulation for Cavity Walls	✓	✓	✓		35%	36	Annex B8	Standard_cavity_IWI_solution	
	Hard-to-treat Cavity Wall Insulation (CWI solution) ⁶	✓	✓	✓		35%	42	Annex B1	HTTC_CWI_solution	
	Hard-to-treat Cavity Wall Insulation (SWI solution) ⁶	✓	✓	✓		35%	36	Annex B8 or B4	HTTC_SWI_solution	
	Party Cavity Wall Insulation ⁷	✓	✓	✓	PWI_Cavity cannot support a secondary measure in CERO.	35%	42	Annex B1	PWI_Cavity	Party Cavity Wall Insulation
	Loft Insulation Ceiling : Virgin Level ⁸	✓	✓	✓		35%	42	Annex B9	LI_ceiling_level_virgin	Loft Insulation
	Loft Insulation Ceiling : Top-up ⁸	✓	✓	✓		35%	42	Annex B9	LI_ceiling_level_topup	
	Loft Insulation (rafter)	✓	✓	✓		35%	42	Annex B9	LI_rafter	
	Room in Roof Insulation	✓	✓	✓		25%	42	Annex B10	RIRI	Other Insulation
	Flat Roof Insulation	✓	✓	✓		15%	20	Annex B5	FRI	
	Under Floor Insulation	✓	✓	✓		15%	42	Annex B6	UFI	
	Hot Water Cylinder Insulation	✓	✓	✓		15%	10	Annex C5	HWCI	
Insulation to all primary pipework	✓	✓	✓		15%	15	Annex C5	PWI		
Draught Proofing	✓	✓	✓		15%	10	Annex B2	DP		
Window Glazing	✓	✓	✓		15%	20	Annex B3	WG		
Passageway Walk-through Doors	✓	✓	✓		15%	15	Annex B3	PWWD		
High Performance External Doors with less than or equal to 60% glazing area ⁹	✓	✓	✓	Final U-value must be 1.5W/m ² K or better	15%	30	Annex B3	HPED_less_60		
High Performance External Doors with greater than 60% glazing area ⁹	✓	✓	✓	Final U-value must be 1.5W/m ² K or better	15%	20	Annex B3	HPED_greater_60		
Heating	Qualifying boiler replacement			✓		N/A	12	Annex C2 or C3	QB_Replacement	Boiler
	Non-qualifying boiler installation			✓		N/A	12	Annex C2 or C3	Non_QB_installation	
	Qualifying boiler Repair (1 year warranty)			✓		N/A	1	Not included	QB_Repair_1_year	
	Qualifying boiler Repair (2 year warranty)			✓		N/A	2	Not included	QB_Repair_2_year	
	Electric Storage Heaters			✓		N/A	20	Annex D1	Electric_storage_heaters	Other Heating
	Warm Air Units			✓		N/A	20	Annex C11	Warm_air_units	
	Heating Controls			✓		N/A	12	Annex C6	Heating_controls	
	Flue Gas Heat Recovery Device			✓		N/A	12	Annex C4	Heat_recovery_flue_gas	
	Heat Recovery Ventilation			✓		N/A	10	Annex C8	Heat_recovery_ventilation	
	Radiator Panels			✓		N/A	10	Not included	Radiator_panels	District Heating System
	District Heating Connections - Upgrade (Biomass boiler) ¹⁰	✓	✓	✓		10%	30	Not included	DHS_biomass_upgrade	
	District Heating Connections - Upgrade (Gas/oil boiler) ¹⁰	✓	✓	✓		10%	25	Not included	DHS_gas/oil_upgrade	
	District Heating Connections - Upgrade (CHP) ¹⁰	✓	✓	✓		10%	25	Not included	DHS_CHP_upgrade	
	District Heating Connections - Upgrade (Energy from Waste) ¹⁰	✓	✓	✓		10%	25	Not included	DHS_EFW_upgrade	
	District Heating Connections - Upgrade (Ground Source Heat Pump) ¹⁰	✓	✓	✓		10%	20	Not included	DHS_GSHP_upgrade	
District Heating Connections-Upgrade (Air Source Heat Pump) ¹⁰	✓	✓	✓		10%	15	Not included	DHS_ASHP_upgrade		
District Heating Connections - Upgrade (Multi Fuel) ¹⁰	✓	✓	✓	Contact Ofgem in relation to the lifetime for this measure	10%		Not included	DHS_multi_fuel_upgrade		
District Heating Connections - New Connection (All generator types) ¹⁰	✓	✓	✓		10%	40	Not included	DHS_new_connection		
District Heating Connections - Heat Meters ¹⁰	✓	✓	✓		10%	15	Not included	DHS_heat_meters		
Micro-Generation	Air Source Heat Pump			✓	Eligible in HHCRO as long as generated heat is used partly or fully for space heating	N/A	15	Not included	ASHP	Micro-Generation
	Ground Source Heat Pump			✓	Eligible in HHCRO as long as generated heat is used partly or fully for space heating	N/A	20	Not included	GSHP	
	Biomass Boilers			✓		N/A	20	Not included	Biomass_boilers	
	Micro Combined Heat and Power			✓	Eligible in HHCRO if either: i) generated heat is used partly or fully for space heating; or ii) electric heating is the primary heat source	N/A	15	Not included	Micro_CHP	
	Photovoltaics			✓	Eligible in HHCRO if electric heating is the primary heating source	N/A	25	Not included	Solar_PV	
	Micro wind			✓	Eligible in HHCRO if electric heating is the primary heating source	N/A	10	Not included	Micro_wind	
	Micro hydro			✓	Eligible in HHCRO if electric heating is the primary heating source	N/A	20	Not included	Micro_hydro	

Key	
Eligible measure	✓
Eligible only as secondary measure	✓
Eligible as primary or secondary measure	✓

Notes	
1. This list is non-exhaustive. Other measures may qualify, subject to review by us on a case-by-case basis.	
2. Measure eligibility will not change unless the legislation does. CERO: Carbon Emission Reduction Obligation; CSCO: Carbon Saving Community Obligation; HHCRO: Home Heating Cost Reduction Obligation.	
3. In-use factors (IUF) are provided in Schedule 3 of the Order, and are defined under 'relevant in-use factor' in Article 2. They are only applied to measures installed under CERO and CSCO. IUFs will not change unless the legislation does.	
4. Lifetimes are standard, as referred to in Ofgem Guidance, chapter 8.17.	
5. PAS - Publicly Available Specification 2030:2014 Edition 1	
6. These measures are no longer separate primary measures but are included under 'insulation of a cavity wall'.	
7. 100% of party wall insulation means insulating all party walls of the dwelling, for example, two walls for a mid-terrace property. If a supplier wishes to claim savings for two adjoining properties, then they must be notified as two separate measures and each must meet all relevant requirements.	
8. For reporting purposes only, a loft with existing insulation up to 60 mm can be considered a virgin loft and any improvement to the insulation thickness will be reported as loft insulation. The pre-installation scoring calculation will take into account the existing insulation.	
9. Evidence that an HPED has been installed, with the correct U-value reached, should be retained for audit purposes. For the calculation of glazing area percentage the combined dimensions of the door and the frame are to be included.	
10. From 1 April 2014 a connection to a DHS is eligible as a primary measure but can still be claimed as a secondary measure where it is installed at the same premises as solid wall insulation or insulation of a hard-to-treat cavity.	

Version Control		
1.0	First published	21/12/2012
1.1	Included DHS eligibility for secondary measures under CERO	15/01/2013
1.2	Columns added specifying format for notifying each measure and measure category; Non-brick SWI measures added; SAP/RdSAP column removed; PAS annexes updated	12/04/2013
1.3	Referred to Annex C8 for Heat Recovery Ventilation measures	06/09/2013
1.4	Corrected error in "Measure name: format for notification to Ofgem" column for qualifying boiler repair measures with 1 and 2 year warranty.	03/10/2013
1.5	New Measures Added: External Wall Insulation for Cavity Walls, Internal Wall Insulation for Cavity Walls, High Performance External Doors ≤60% Glazing Area, High Performance External doors >60% Glazing Area, District Heating Connections - New Connections (Ground Source Heat Pumps), District Heating Connections - Upgrades (Ground Source Heat Pumps)	19/03/2014
1.6	New Measures Added: Party Cavity Wall Insulation. District Heating Connections - New Connections and upgrades (Energy from Waste, Air Source Heat Pumps). Cavity wall insulation, External Wall Insulation for Cavity Walls, Internal Wall Insulation for Cavity Walls, Loft Insulation Ceiling: Virgin Level, Loft Insulation Ceiling: Top-up, Loft Insulation (rafter), Room in Roof Insulation, Flat Roof Insulation, District Heating Connections - New Connections, upgrades and heat meters become primary measures in CERO. HTTC reported as cavity wall insulation. PAS version amended to 2030:2014 Edition 1. Amended lifetimes : District Heating Connections - New Connections (Biomass boiler, Gas/oil boiler, CHP, Ground Source Heat Pumps), District Heating Connections - Upgrades (CHP).	02/12/2014