

Energy Company Obligation (ECO2): Measures Table

Version 2.3

This table provides information on the energy efficiency measures which suppliers can install to meet their ECO2 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 Company Obligation) Order 2014 and understand how those provisions apply to them. This table is not intended to be a definitive guide to those provisions.

Measure Type	Measure Name ¹	Eligibility by Obligation ²			Additional Information	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 ⁶	✓	✓	✓		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 ⁶	✓	✓	✓		35%	36	Annex B8	Standard_cavity_EWI_solution		
	Internal Wall Insulation for Cavity Walls ⁶	✓	✓	✓		35%	36	Annex B8	Standard_cavity_IWI_solution		
	Party Cavity Wall Insulation ⁷	✓	✓	✓	PWI_Cavity cannot support a secondary measure in CERO.	35%	42	Annex B1	PWI_Cavity	Loft Insulation	
	Loft Insulation Ceiling : Virgin Level ⁸	✓	✓	✓		35%	42	Annex B9	LI_ceiling_level_virgin		
	Loft Insulation Ceiling : Top-up ⁸	✓	✓	✓		35%	42	Annex B9	LI_ceiling_level_topup		
	Loft Insulation Ceiling : Top-up 100 ⁹	✓	✓	✓		35%	42	Annex B9	LI_ceiling_level_topup_100		
	Loft Insulation (rafter)	✓	✓	✓		35%	42	Annex B9	LI_rafter		
	Room in Roof Insulation	✓	✓	✓		25%	42	Annex B10	RIRI		
	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	Other Insulation	
	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 ¹⁰	✓	✓	✓	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 ¹⁰	✓	✓	✓		15%	20	Annex B3	HPED_greater_60			
Heating	Qualifying boiler replacement			✓	Replacement of a qualifying boiler of any fuel type with a non-gas boiler OR replacement of a non-gas qualifying boiler with a boiler of any fuel type	N/A	12	Annex C3	QB_Replacement_Warranty		Boiler
	Qualifying boiler replacement - mains gas			✓	Replacement of a gas qualifying boiler with a gas boiler	N/A	12	Annex C2	QB_Replacement_Gas_Warranty		
	Qualifying boiler replacement - non-boiler			✓	Replacement of a qualifying boiler with any heating system other than a boiler or an ESH	N/A	12	Relevant PAS Annex to the measure installed	QB_Replacement_Non_Boiler		
	Qualifying boiler replacement - electric storage heaters			✓	Replacement of a qualifying boiler with an ESH	N/A	12	Annex D1	QB_Replacement_ESH_Warranty		
	Non-qualifying boiler installation			✓	Installation of a boiler where there is no heating system in place or there is a heating system other than a qualifying boiler	N/A	12	Annex C2 or C3	Non_QB_installation_Warranty		
	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		
	Qualifying electric storage heater replacement (QESH)			✓	Replacement of a QESH with an ESH NB: This name shouldn't be used for the replacement of a QESH with any other heating system other than an ESH. In those instances, the measure name should relate to the measure replacing the QESH.	N/A	20	Annex D1	QESH_Replacement_Warranty	ESH	
	Electric storage heaters (ESH)			✓		N/A	20	Annex D1	ESH_Replacement_Warranty		
	Qualifying electric storage heater repair (1 year warranty)			✓		N/A	1	Not included	QESH_Repair_1_year		
	Qualifying electric storage heater repair (2 year warranty)			✓		N/A	2	Not included	QESH_Repair_2_year		
	Other Heating	Warm Air Units			✓		N/A	20	Annex C11	Warm_air_units	Other Heating
		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%	30	Not included	DHS_biomass_upgrade	
		District Heating Connections - Upgrade (Gas/oil boiler)	✓	✓	✓		10%	25	Not included	DHS_gas/oil_upgrade	
		District Heating Connections - Upgrade (CHP)	✓	✓	✓		10%	25	Not included	DHS_CHP_upgrade	
		District Heating Connections - Upgrade (Energy from Waste)	✓	✓	✓		10%	25	Not included	DHS_EFW_upgrade	
District Heating Connections - Upgrade (Ground Source Heat Pump)		✓	✓	✓		10%	20	Not included	DHS_GSHP_upgrade		
District Heating Connections - Upgrade (Air Source Heat Pump)		✓	✓	✓		10%	15	Not included	DHS_ASHP_upgrade		
District Heating Connections - Upgrade (Multi Fuel)		✓	✓	✓		10%	NN ¹¹	Not included	DHS_multi_fuel_upgrade		
District Heating Connections - New Connection (All generator types)		✓	✓	✓		10%	40	Not included	DHS_new_connection		
District Heating Connections - Heat Meters		✓	✓	✓		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			✓		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			✓		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			✓		N/A	20	Not included	Micro_hydro		

Key	
Eligible measure	✓
Eligible only as secondary measure	✓

Version Control		
2.0	First published	04/02/2015
2.1	Corrected error in the lifetime column for 'Qualifying boiler replacement- non-boiler' and Qualifying boiler replacement - electric storage heaters.	11/02/2015
2.2	New measure added : Loft Insulation Ceiling: Top-up 100	14/08/2015
2.3	Available for notification: Loft Insulation Ceiling: Top-up 100	01/10/2015

Additional 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 2 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 ECO2 Guidance.
5. PAS - Publicly Available Specification 2030:2014 Edition 1
6. Park Home External Wall Insulation Systems, External Wall Insulation for Cavity Walls and Internal Wall Insulation for Cavity Walls will not count towards a supplier's provisional solid wall minimum requirement.
7. 100% of party wall insulation means insulating all cavity 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. A virgin loft is where there is no insulation present. Any improvement to existing insulation in a loft should be reported as loft insulation top-up. The pre-installation scoring calculation for loft top-up will take into account the existing insulation.
9. Further information regarding Loft Insulation Ceiling: Top-up 100 can be found on our website.
10. Evidence that a High Performance External Door (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.
11. This lifetime will be determined on a case-by-case basis following the methodology set out in the ECO2 Guidance.