

Article 24 (1) and Annex XIV Energy Efficiency Directive 2012/27/EU

Please, fill in the green fields (the grey ones are strong recommended, but voluntary). It can be chosen if Eurostat data or data based on national statistics is provided. Please, fill in Table A if data from Eurostat is reported. In case, the data is based on national statistics, please, fill in Table B and provide definitions.

Annual Report	2017
Reporting year	2015
Member State	IE

Table A - Eurostat data

Number	Data field	AR Indicator	Unit(s)	Eurostat Indicator(s)	Eurostat database table	Eurostat Code	field/product(s)	SWD(2013)180, Annex A	Definition of provided national statistics for data fields not available in Eurostat	Last update (date of the data)
A1	14	(i) primary energy consumption	Mtoe	Primary Energy Consumption	Energy saving - annual data [nrg_ind_334a]	B_100910	-			
A2	11214.3	(ii) total final energy consumption	ktoe	Final Energy Consumption	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_101700	All products	No climate adjustment, see p. 39 SWD(2013)180, Annex A		
A3	2413.6	(iii) final energy consumption - industry	ktoe	Final Energy Consumption - Industry	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_101800	All products			
A4	4623.6	(iii) final energy consumption - transport	ktoe	Final Energy Consumption - Transport	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_101900	All products			
A5	0	final energy consumption in pipeline transport	ktoe	Consumption in Pipeline transport	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_101945	All products	Voluntary - See p. 39 SWD(2013)180, Annex A		
A6	2711.7	(iii) final energy consumption - households	ktoe	Residential	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_102010	All products			
A7	1244.8	(iii) final energy consumption - services	ktoe	Services	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_102035	All products			
A8	220.7	final energy consumption - agriculture	ktoe	Agriculture/Forestry	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_102030	All products	Voluntary		
A9	4177.2	final energy consumption – other sectors	ktoe	Other sectors	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_102000	All products	Voluntary		
A10	69448.6 8440.4	(iv) gross value added - industry	Million euro, chain-linked volumes, reference year 2005 (at 2005 exchange rates)	- Industry (except construction) - Construction	Gross value added and income by A*10 industry breakdowns [nama_10_a10]	- B-E - F	Value added, gross			
A11	19931.5 36179.7 15612.5 8324.8 20829 28455 5101.5	(iv) gross value added - services	Million euro, chain-linked volumes, reference year 2005 (at 2005 exchange rates)	- Wholesale and retail trade, transport, accommodation and food service activities - Information and communication - Financial and insurance activities - Real estate activities - Professional, scientific and technical activities; administrative and support service activities - Public administration, defence, education, human health and social work activities - Arts, entertainment and recreation; other service	Gross value added and income by A*10 industry breakdowns [nama_10_a10]	- G-I - J - K - L - M_N - O-Q - R-U	Value added, gross			
A12	84597	(v) disposable income for households <i>2015 data not available. 2012 data given</i>	Million euro	Gross disposable income	Non-financial transactions [nasa_nf_tr]	<i>Until 2017: S14 (if available) or S14_S15; From 2017 on: S14 only</i>	"Households" (if available) or "Households; non-profit institutions serving households" (Until 2017)	Due to derogation for some MS granted by Eurostat		
A13	166723.4	(vi) gross domestic product (GDP) <i>2015 data given (latest available)</i>	Million euro, chain-linked volumes, reference year 2005 (at 2005 exchange rates)	Gross domestic product at market prices	GDP and main components - volumes [nama_gdp_k]	B1GM	-			

A14	0 0 0 0 1595.8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 185.6 0 0 0	(vii) electricity generation from thermal power generation	ktoe	- Gross electricity generation Main activity electricity only - Nuclear - Gross electricity generation Main activity CHP plants - Nuclear - Gross electricity generation Autoproducer electricity only - Nuclear - Gross electricity generation Autoproducer CHP plants - Nuclear - Gross electricity generation Main activity electricity only - Geothermal - Gross electricity generation Main activity electricity only - Combustible Fuels - Gross electricity generation Main activity electricity only - Other Sources - Gross electricity generation Main activity CHP plants - Geothermal - Gross electricity generation Main activity CHP plants - Combustible Fuels - Gross electricity generation Main activity CHP plants - Other Sources - Gross electricity generation Main activity electricity only - Solar Thermal - Gross electricity generation Autoproducer electricity only - Geothermal	Supply, transformation, consumption - electricity - annual data [nrg_105a]	-15_107030 -15_107031 -15_107032 -15_107033 -15_107038 -15_107048 -15_107054 -15_107039 -15_107049 -15_107055 -14_1070422 -15_107040 -15_107050 -15_107052 -15_107056 -15_107041 -15_107051 -15_107053 -15_107057 -14_1070432	Electrical energy		
A15	0 0 0 0 0 0 185.6 0 0	(viii) electricity generation from CHP	ktoe	- Gross electricity generation Main activity CHP plants - Nuclear - Gross electricity generation Autoproducer CHP plants - Nuclear - Gross electricity generation Main activity CHP plants - Geothermal - Gross electricity generation Main activity CHP plants - Combustible Fuels - Gross electricity generation Main activity CHP plants - Other Sources - Gross electricity generation Autoproducer CHP plants - Geothermal	Supply, transformation, consumption - electricity - annual data [nrg_105a]	-15_107031 -15_107033 -15_107039 -15_107049 -15_107055 -15_107041 -15_107051 -15_107053 -15_107057	Electrical energy		
A16	0	(ix) heat generation from thermal power generation	ktoe	- Gross heat production Main activity CHP plants - Nuclear - Gross heat production Main activity heat only plants - Nuclear - Gross heat production Autoproducer CHP plants - Nuclear - Gross heat production Autoproducer heat only plants - Nuclear - Gross heat production Main activity CHP plants - Geothermal - Gross heat production Main activity CHP plants - Combustible Fuels - Gross heat production Main activity CHP plants - Heat Pumps - Gross heat production Main activity CHP plants - Electric Boilers - Gross heat production Main activity CHP plants - Other Sources - Gross heat production Main activity CHP plants - Solar - Gross heat production Autoproducer CHP plants - Geothermal - Gross heat production Autoproducer CHP plants - Combustible Fuels - Gross heat production Autoproducer CHP plants - Heat Pumps - Gross heat production Autoproducer CHP plants - Electric Boilers - Gross heat production Autoproducer CHP plants - Heat from Chemical Sources - Gross heat production Autoproducer CHP plants - Other Sources	Supply, transformation, consumption - heat - annual data [nrg_106a]	-15_107060 -15_107061 -15_107062 -15_107063 -15_107064 -15_107072 -15_107076 -15_107080 -15_107086 -15_107068 -15_107066 -15_107074 -15_107078 -15_107082 -15_107084 -15_107088 -15_107070 -15_107065 -15_107069 -15_107073 -15_107077 -15_107081 -15_107087 -15_107067 -15_107071 -15_107075 -15_107079 -15_107083 -15_107085 -15_107089	Derived heat		
A17		Waste heat produced in industrial installations	ktoe	Eurostat data not available. Please, provide national data with definitions/explanations in column J.			Voluntary - See p. 39 SWD(2013)180, Annex A		
A18	0	(x) heat generation from CHP	ktoe	- Gross heat production Main activity CHP plants - Nuclear - Gross heat production Autoproducer CHP plants - Nuclear - Gross heat production Main activity CHP plants - Geothermal - Gross heat production Main activity CHP plants - Combustible Fuels - Gross heat production Main activity CHP plants - Heat Pumps - Gross heat production Main activity CHP plants - Electric Boilers - Gross heat production Main activity CHP plants - Other Sources - Gross heat production Main activity CHP plants - Solar - Gross heat production Autoproducer CHP plants - Geothermal - Gross heat production Autoproducer CHP plants - Combustible Fuels	Supply, transformation, consumption - heat - annual data [nrg_106a]	-15_107060 -15_107062 -15_107064 -15_107072 -15_107076 -15_107080 -15_107086 -15_107068 -15_107066 -15_107074 -15_107078 -15_107082 -15_107084 -15_107088 -15_107070	Derived heat		
A19		Waste heat recovered from industrial installations	ktoe	Eurostat data not available. Please, provide national data with definitions/explanations in column J.			Voluntary - See p. 39 SWD(2013)180, Annex A		
A20	3792.4	(xi) fuel input for thermal power generation	ktoe	- Transformation input - Nuclear Power Stations - Transformation input - Conventional Thermal Power Stations - Transformation input - District Heating Plants	Supply, transformation, consumption - all products - annual data [nrg_100a]	-B_101002 -B_101001 -B_101009	All products		

A21	1,918 million pkm (rail only)	(xii) passenger kilometres	Millions of pkm	Railway TRA_COV: Total transport	Railway transport - Total annual passenger transport (1 000 pass., million pkm) [rail_pa_total]	- TOTAL	-		
			Millions of pkm	Road VEHICLE: Total	Passenger road transport on national territory, by type of vehicles registered in the reporting country [road_pa_mov]	- TOTAL	-		
A22	na	domestic maritime passenger kilometres	Millions of pkm	Eurostat data not available. Please, provide national data with definitions/explanations in column J.					
A23	na	total national aviation passenger kilometres	Millions of pkm	Eurostat data not available. Please, provide national data with definitions/explanations in column J.					
A24	na	total international aviation passenger kilometres	Millions of pkm	Eurostat data not available. Please, provide national data with definitions/explanations in column J.					
A25	96 million tonne km 9,900 million tonne km na	(xiii) tonnes kilometres	Millions of tkm	Railway TRA_COV: Total transport	Railway transport - Goods transported, by type of transport (1 000 t, million tkm) [rail_go_typeall]	- TOTAL	-		
			Millions of tkm	Road TRA_OPER: Total - Total transport	Summary of annual road freight transport by type of operation and type of transport (1 000 t, Mio Tkm, Mio Veh-km) [road_go_ta_tot]	- TOTAL	CARRIAGE: Total		
			Millions of tkm	Waterway TRA_COV: Total transport	Transport by type of good (from 2007 onwards with NST2007) [iww_go_atygo]	- TOTAL	NSTO7: Total transported goods (TOTAL) TYPPACK: All types of packaging (TOTAL)		
A26	na	domestic maritime tonnes kilometres	Millions of tkm	Eurostat data not available. Please, provide national data with definitions/explanations in column J.					
A27	na	total national aviation tonnes kilometres	Millions of tkm	Eurostat data not available. Please, provide national data with definitions/explanations in column J.					
A28	na	total international aviation tonnes kilometres	Millions of tkm	Eurostat data not available. Please, provide national data with definitions/explanations in column J.					
A29	4724720 (bep)	(xv) population	Persons	Population on 1 January - total	Demographic balance and crude rates [demo_gind]	JAN	-		
A30	1689879	Total number of households	Households	Eurostat data not available. Please, provide national data with definitions/explanations in column J.					
A31	239.2	Energy transmission and distribution losses (all fuels)	ktoe	Distribution Losses	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_101400	All products	Voluntary - see p. 39 SWD(2013)180, Annex A	
A32	0	Heat generation from district heating plants	ktoe	Transformation output - District Heating Plants	Supply, transformation, consumption - heat - annual data [nrg_106a]	B_101109	Derived heat	Voluntary - see p. 39 SWD(2013)180, Annex A	
A33	0	Fuel input in district heating plants	ktoe	Transformation input - District Heating Plants	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_101009	All products	Voluntary - see p. 39 SWD(2013)180, Annex A	

and/or

Table B - Data based on national statistics

Number	Data field	AR Indicator	Unit	Source	SWD(2013)180, Annex A	Definition of provided national statistics (including differences respect the definitions of Eurostat indicators listed above)	Last update (date of the data)
B1		(i) primary energy consumption	ktoe				
B2		(ii) total final energy consumption	ktoe		No climate adjustment, see p. 39 SWD(2013)180, Annex A		
B3		(iii) final energy consumption - industry	ktoe				
B4		(iii) final energy consumption - transport	ktoe				
B5		final energy consumption in pipeline transport	ktoe		Voluntary - See p. 39 SWD(2013)180, Annex A		
B6		(iii) final energy consumption - households	ktoe				
B7		(iii) final energy consumption - services	ktoe				
B8		final energy consumption - agriculture	ktoe		Voluntary		
B9		final energy consumption – other sectors	ktoe		Voluntary		
B10		(iv) gross value added - industry	Million euro, chain-linked volumes, reference year 2005 (at 2005 exchange rates)				
B11		(iv) gross value added - services	Million euro, chain-linked volumes, reference year 2005 (at 2005 exchange rates)				
B12		(v) disposable income for households	Million euro				
B13		(vi) gross domestic product (GDP)	Million euro, chain-linked volumes, reference year 2005 (at 2005 exchange rates)				
B14		(vii) electricity generation from thermal power generation	ktoe				
B15		(viii) electricity generation from CHP	ktoe				
B16		(ix) heat generation from thermal power generation	ktoe				
B17		Waste heat produced in industrial installations	ktoe		Voluntary - See p. 39 SWD(2013)180, Annex A		
B18		(x) heat generation from CHP	ktoe				
B19		Waste heat recovered from industrial installations	ktoe		Voluntary - See p. 39 SWD(2013)180, Annex A		
B20		(xi) fuel input for thermal power generation	ktoe				
B21		(xii) passenger kilometres	pkm				
B22		(xiii) tonnes kilometres	tkm				
B23		(xv) population	Persons				
B24		Total number of households	Households		Voluntary - see p. 39 SWD(2013)180, Annex A		
B25		Energy transmission and distribution losses (all fuels)	ktoe		Voluntary - see p. 39 SWD(2013)180, Annex A		
B26		Heat generation from district heating plants	ktoe		Voluntary - see p. 39 SWD(2013)180, Annex A		
B27		Fuel input in district heating plants	ktoe		Voluntary - see p. 39 SWD(2013)180, Annex A		

Additional requirements Article 24 (1), Annex XIV, Part 1 (a) Energy Efficiency Directive

In sectors where energy consumption remains stable or is growing, Member States shall analyse the reasons for it and attach their appraisal to the estimates.

Please, insert explanations or provide an extra/additional document:

34	Industry	The increase in energy use in 2015 over 2014 is attributed to economic growth. Increases were observed in the use of natural gas (12% year on year increase) and electricity consumption 4.8% - while coal and oil consumption fell. More information is provided in "Energy in Ireland 1990-2015" published by SEAI in 2016. http://www.seai.ie/Publications/Statistics_Publications/Energy_in_Ireland/Energy-in-Ireland-1990-2015.pdf
35	Transport	While transport energy use in 2015 was 16% below peak use in 2007 overall energy use in Transport for 2015 increased by 5.9% over 2014. Historically transport energy growth has been linked to economic growth and the 2015 increase is attributable to the economic upturn. More detail is provided in "Energy in Ireland 1990-2015" published by SEAI in 2016. http://www.seai.ie/Publications/Statistics_Publications/Energy_in_Ireland/Energy-in-Ireland-1990-2015.pdf
36	Households	While overall energy consumption per dwelling decreased by 32% during the period 1990-2015 an increase was observed in 2015 compared to 2014. This is significantly attributable to an increase in household oil consumption of 11.5% in 2015 (the price of oil fell internationally by 47% in 2015 compared to 2014 and the price to Irish households fell in the region of 20% in that time). More detail is provided in "Energy in Ireland 1990-2015" published by SEAI in 2016. http://www.seai.ie/Publications/Statistics_Publications/Energy_in_Ireland/Energy-in-Ireland-1990-2015.pdf
37	Services	Looked at in terms of commercial and public services, when corrections are made for weather effects, energy used in services fell by 0.8% in 2015. This is against the backdrop of economic activity of services, as measured by value added, increasing by 6.5%. More detail is provided in "Energy in Ireland 1990-2015" published by SEAI in 2016. http://www.seai.ie/Publications/Statistics_Publications/Energy_in_Ireland/Energy-in-Ireland-1990-2015.pdf Looking at the public sector alone data compiled by SEAI for 2015 shows that in pursuit of the higher 33% energy efficiency target set for it under the NEEAP and the new Strategy for Public Sector Energy Efficiency, public sector bodies reported 21% improved efficiency – amounting to 2,422 Gwh (annual primary energy savings). Further information is provided in "Annual Report 2016 on Public Sector Energy Efficiency Performance" available at http://www.seai.ie/Publications/Your_Business_Publications/Public_Sector/Annual-Report-2016-on-Public-Sector-Energy-Efficiency-Performance.pdf
38	Agriculture (voluntary)	

Additional requirements Article 24 (1), Annex XIV, Part 1 (b) Energy Efficiency Directive

Updates on major legislative and non-legislative measures implemented in the previous year which contribute towards the overall national energy efficiency targets for 2020: **Responses to the Section below are answered for 2016 as the "previous year"**

	Type of measure	Legal basis	Type of update	Please, insert explanations or provide an extra/additional document:
39-1	Regulations and legislative measures	Other	Amendments, implementation or design changes and extension of an on-going measure	Legislative measures - to progress Energy Efficiency objectives - a number of Statutory Instruments were finalised and became law in 2016. These were: <ul style="list-style-type: none"> S.I. No. 446 of 2016 Taxes Consolidation Act 1997 (Accelerated Capital Allowances For Energy Efficient Equipment) (Amendment) (No. 1) Order 2016. A copy of the S.I. can be accessed at http://www.irishstatutebook.ie/eli/2016/si/446/made/en/pdf. S.I. 626 of 2016 Taxes Consolidation Act 1997 (Accelerated Capital Allowances For Energy Efficient Equipment) (Amendment) (No. 2) Order 2016. A copy of the S.I. can be accessed at http://www.irishstatutebook.ie/eli/2016/si/626/made/en/pdf.
39-2	Regulations and legislative measures	General transposition: Energy Efficiency Directive EED	Other	S.I. No. 646 of 2016 European Union (Energy Efficiency) (Amendment) Regulations 2016 was introduced and became law. This S.I. amends the European Union (Energy Efficiency) Regulations 2014. It provides further definition and clarification on the application of energy efficiency requirements primarily relating to billing for heating and cooling and some other matters. The Order amends Statutory Instrument No. 426 of 2014.
39-3	Regulations and legislative measures	Energy Efficiency Obligation Scheme Art. 7 EED	Amendments, implementation or design changes and extension of an on-going measure	S.I. No. 634 of 2016 European Union (Energy Efficiency Obligation Scheme) (Amendment) Regulations 2016. This S.I. makes certain technical changes to the implementation of Article 7. It amends S.I. No. 131 of 2014.
39-4	Please select	Please select	Please select	
39-5	Please select	Please select	Please select	
39-6	Please select	Please select	Please select	
39-7	Please select	Please select	Please select	
39-8	Please select	Please select	Please select	
39-9	Please select	Please select	Please select	
39-10	Please select	Please select	Please select	
40-1	Plans & strategies	General transposition: Energy Efficiency Directive EED	Continuation of existing measures/no significant updates	A higher Energy Efficiency target of 33% has been set in Ireland for public service bodies. Progress is monitored annually. Data for 2015 performance was published in 2016 as the "Annual Report 2016 on Public Sector Energy Efficiency Performance". It shows that at the end of 2015, public sector bodies had reported energy efficiency improvements amounting to 21% - 2,442 GWh. The report can be found at https://www.seai.ie/Publications/Your_Business_Publications/Public_Sector/Annual-Report-2015-on-Public-Sector-Energy-Efficiency-Performance.pdf . In tandem with this a new Strategy for Public Sector Energy Efficiency was developed during 2016 in consultation with stakeholders for publication in early 2017.
40-2	Plans & strategies	Other EED-related measures	Other	DCCAE launched its Strategy to Combat Energy Poverty in Ireland in quarter 1 2016. The Strategy expands the reach of existing energy efficiency schemes and commits the Government to developing and piloting new measures to find more effective ways to focus energy efficiency efforts on those most at risk of energy poverty. It also puts in place the structures and the accountability to ensure that the challenge is effectively addressed at every level of Government and public service. A copy of the Strategy can be accessed at http://www.dccae.gov.ie/en-ie/energy/publications/Documents/5/A%20Strategy%20to%20Combat%20Energy%20Poverty%20-%20Web%20Version.pdf A new €20m pilot scheme, "Warmth & Wellbeing" was launched to provide deep energy efficiency upgrades to people living with chronic respiratory conditions who are in fuel poverty.
40-3	Please select	Other EED-related measures	Other	DCCAE transferred operational responsibility for market surveillance activities under the EU Energy Labelling, Ecodesign & Tyre labelling regulations to the Sustainable Energy Authority of Ireland (SEAI) in 2016 to avail of synergies to facilitate the further development of the service. The service has developed further as a result with more stakeholder engagement and expansion of the inspection regime to include online market activities.
40-4	Market-based instruments (e.g. EEOS)	Other	Amendments, implementation or design changes and extension of an on-going measure	DCCAE conducted a review and public consultation of the Energy Services Obligation Scheme (ESOS) in 2016. On foot of the review, the annual target obligated parties are collectively required to deliver has been increased to 625GWh in 2017 and will further increase to 700GWh for 2018, 2019 & 2020. In addition, the threshold for participation in the scheme has been decreased from 600GWh annual final energy sales to 240GWh annual final energy sales. All other terms and conditions for the scheme remain the same. A copy of the report can be accessed at http://www.dccae.gov.ie/en-ie/energy/consultations/Documents/6/consultations/Energy%20Efficiency%20Obligation%20Scheme%20-%20Consultation%20Paper%20and%20Annual%20Report.pdf In the period 2015-2016 the obligated energy suppliers delivered energy efficiency savings of ???KWh through energy efficiency measures to their customers across the commercial and residential sectors.
40-5	Please select	Other	Continuation of existing measures/no significant updates	National Energy Efficiency Fund continued and was extended into 2017.

40-6	Major non-registred in the previous year	Please select	Other EED-related measures	Continuation of existing measures/no significant updates	The SEAI continued to support the commercial and public sectors in achieving energy efficiency, new initiatives to enhance supports were developed during 2016 with a view to providing further supports from 2017. These supports are outlined further in Ireland's 4th NEEAP.
40-7		Please select	Other	Continuation of existing measures/no significant updates	The Better Energy Programme, administered by the Sustainable Energy Authority of Ireland (SEAI) on behalf of DCCAIE consists of the Better Energy Homes Scheme, Better Energy Warmer Homes Scheme and Better Energy Communities. <ul style="list-style-type: none"> • Better Energy Homes:- In 2016, €17 million was spent on the scheme which resulted in over 15,000 homeowners having over 36,000 energy efficiency measures carried out to their homes. It is anticipated that this has delivered energy savings of 84.26GWh (28.77 ktCO2). • Better Energy Warmer Homes Scheme:- In 2016, €20 million was spent under the Better Energy Warmer Homes scheme which supported the delivery of energy efficiency measures to 6,743 energy poor homes. This resulted in energy savings of 15.5 GWh, corresponding to monetary savings of €0.98million (3.6 kt CO2) and supporting an estimated 336 jobs. • Better Energy Communities:- In 2016, over €16 million in grant funding provided for energy efficiency upgrades to more than 2,600 homes and 385 community and commercial facilities. The total leveraged investment in energy efficiency under the BEC scheme was approximately €48 million, supporting more than 700 direct and indirect jobs right across the country.
40-8		Please select	Other	Continuation of existing measures/no significant updates	The Office of Public Works (OPW) is responsible for the management and maintenance of the State's property portfolio and continues to implement its staff energy conservation campaign - Optimising Power @ Work. The campaign has successfully created and maintained staff energy awareness regarding energy usage, conservation and wastage. Its core principle is the encouragement of behavioural change with the aim of identifying and eliminating wastage. Average annual energy savings of 21% have been achieved in central government buildings which represents a cost saving of circa €4.9m per annum.
40-9		Please select	Please select	Please select	
40-10		Please select	Please select	Please select	

Additional requirements Article 24 (1), Annex XIV, Part 1 (c) Energy Efficiency Directive

41-1	Total building floor area [m2] of the buildings with a total useful floor area over 250 m2 owned and occupied by the Member States' central government on 1 January 2017	350,786 m2
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Total building floor area of the buildings with a total useful floor area over 250 m2 owned and occupied by the Member States' central government that, on 1 January of the year in which the report is due, did not meet the energy performance requirements referred to in Article 5(1):

41-2	Total building floor area [m2] of the buildings which did <u>not meet</u> the energy performance requirements referred to in Article 5(1) on 1 January 2017	350,786 m2
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Additional requirements Article 24 (1), Annex XIV, Part 1 (d) Energy Efficiency Directive

Total building floor area of heated and/or cooled buildings owned and occupied by the Member States' central government that was renovated in the previous year referred to in Article 5(1), or the amount of energy savings in eligible buildings owned and occupied by their central government as referred to in Article 5(6):

Default approach Article 5(1)		
42-1	Total building floor area [m2] of buildings renovated in 2016 as referred to in Article 5(1)	0 m2
42-2	Amount of energy savings [ktoe] achieved in 2016 in eligible buildings owned and occupied by their central government due to renovation of buildings as set out in Article 5(1), expressed in primary or final energy	0 ktoe

Alternative approach Article 5(6)	Policy measure (Please, specify the policy measure)	Amount of energy savings [ktoe] achieved in 2016 in eligible buildings owned and occupied by their central government as referred to in Article 5(6)	
43-1	Alternative measure 1	Large scale behavioural change campaign	0.054
43-2	Alternative measure 2		
43-3	Alternative measure 3		
43-4	Alternative measure 4		
43-5	Alternative measure 5		
43-6	Alternative measure 6		
43-7	Alternative measure 7		
43-8	Alternative measure 8		
43-9	Alternative measure 9		
43-10	Alternative measure 10		
43-11		Amount of energy savings [ktoe] achieved in 2016 in eligible buildings owned and occupied by their central government as referred to in Article 5(6), in primary or final energy	0.054
43-12		Sum of energy savings [ktoe] achieved in eligible buildings owned and occupied by their central government through the implementation of Article 5(6) in primary or final energy over the time period 2014 -2016	0.851

0.054ktoe (0.63GWh) (Note: 2016 compared to 2015)

Additional requirements Article 24 (1), Annex XIV, Part 1 (e) Energy Efficiency Directive

Energy savings achieved through the national energy efficiency obligation schemes referred to in Article 7(1) or the alternative measures adopted in application of Article 7(9):

Energy savings achieved in 2015 (savings achieved from measures and notified under Article 7(2)(c) and (d) shall not be part of this table)	Policy measure (Please, specify the policy measure)	Savings achieved in 2015 [ktoe] expressed in final energy		Total <u>expected</u> savings [ktoe] by 2020 expressed in final energy (voluntary)	
		Total annual end-use savings achieved [ktoe] in 2015 (amount of savings from new actions implemented in 2015 and from actions implemented in 2014 that continue delivering savings in 2015)	thereof savings achieved [ktoe] in 2015 from <u>new</u> actions that were implemented in 2015		
44-1	Alternative measure 1	EEOS	95.44	64.92	401.46
44-2	Alternative measure 2	SME Programme	1.95	0.95	5.93
44-3	Alternative measure 3	Large Industry Energy Network (LIEN)	9.7	4.8	33.9
44-4	Alternative measure 4	2002 Building Regulations	7.6	4.0	17.6
44-5	Alternative measure 5	2008 Building Regulations	13.7	7.3	32.0
44-6	Alternative measure 6	2011 Building Regulations	6.87	3.67	16.00
44-7	Alternative measure 7	2005 / 2008 Building Regulations - Buildings under than dwellings	39.11	26.26	94.32
44-8	Alternative measure 8	Energy efficient boiler regulations	10.57	4.37	14.87
44-9	Alternative measure 9	Accelerated Capital Allowances (AC) Public and private	TBD	TBD	
44-10	Alternative measure 10	VRT/Motor tax aligned with emissions	23.41	13.11	37.58
44-12	Total savings		208.34	129.51	653.71

Energy savings achieved in 2015 from supply side measures accounted for under Art. 7 (2)(c)	Policy measure (Please, specify the policy measure)	Total annual savings generated in 2015 [ktoe] from <u>supply side measures</u> (amount of savings from new actions implemented in 2015 and actions implemented in 2014 that continue delivering savings in 2015) expressed in final energy
45-1	Measure 1	N/A
45-2	Measure 2	N/A
45-3	Measure 3	N/A
45-4	Total savings	N/A

Energy savings achieved in 2015 from early actions accounted for under Art. 7 (2)(d)	Policy measure (Please, specify the policy measure)	Total amount of savings generated in 2015 [ktoe] from <u>early actions</u> that took place between 31/12/2008 and 31/12/2013 expressed in final energy
46-1	Measure 1	N/A
46-2	Measure 2	N/A
46-3	Measure 3	N/A
46-4	Total savings	N/A