

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	2018
Reporting year	2016 and 2017
Member State	DENMARK

Table B - Data based on national statistics

		2014	2015	2016
Total primary energy consumption	Adjusted, PJ	755	758	770
Total final energy consumption**	Adjusted, PJ	612	618	629
Final energy consumption - Industry (Manufacturing)	Adjusted, PJ	84	85	86
Final energy consumption - Transport	PJ	207	209	214
Final energy consumption - Households	Adjusted, PJ	189	192	196
Final energy consumption - Services	Adjusted, PJ	82	81	83
Gross value added- Industry* (Manufacturing)	Billion DKK, Constant 2010 prices.	237	246	257
Gross value added- Services*	Billion DKK, Constant 2010 prices.	1255	1270	1284
Average disposable income per household	1000 DKK	214,0	220,2	223,4
Total number of households	1000 households	2612	2628	2646
Gross domestic product (GDP)**	Billion DKK, Constant 2010 prices.	1888	1918	1950
Electricity generation from thermal power plants	PJ	69	53	64
Electricity generation from combined heat and power plants	PJ	66	51	61
Heat generation from thermal power generation**	PJ	123	130	136
Heat generation from combined heat and power plants*	PJ	84	86	90
Fuel input for thermal power plants	PJ	211	181	195
Fuel input for combined heat and power plants*	PJ	205	172	184
Energy transmission and distribution losses (all fuels)*	PJ	32	32	34
Total passenger kilometres (ptkm) if available (Total vehicles on roads)	Million person kilometres	67968	70962	73393
Total tonne kilometres (tkm) if available*	Million tonne kilometres	16194	15338	15956
Total kilometres (tkm) of air and sea not available				
Total population	1000 persons	5627	5660	5707
Heat generation from district heating plants* (Only district heating plants)	PJ	33	37	38
Fuel input in district heating plants*	PJ	41	47	48

* No climate adjustment.
 ** In constant prices (in volume) of 2005.
 * Including transport in oil products.
 * Useful data to provide a clearer overview of the progress in the Member States, required by Energy Statistics Regulation (Regulation (EC) No 1099/2008).
 * Including waste heat produced in industrial installations.
 * Including waste heat recovered from industrial installations.
 * Useful data to follow the improvements of efficiency of combined heat and power generation.
 * Useful reference data particularly for the measures implementing EED Article 15.

Annual Report 2018 DENMARK
 Annual Report 2018 DENMARK

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.

	Main reason 1	Main reason 2	Main reason 3	Please, explain 'other' reasons and provide any additional comments, supporting data or links to documents.
34	Industry	Increase of value added	Decline of fuel prices	Please select Strong decline in energy consumption from 2006 to 2013. Hereafter has the energy consumption been almost stable. There has over the whole period been a strong improvement of energy efficiency. There has also been a structural change, which reduce consumption.
35	Transport	Increase of transport of goods	Increase of transport of passengers	Please select After some years with constant consumption are the again in increase in energy consumption
36	Households	Increase of population and/or households	Other	Please select Energy consumption for heating has increased over the last 3 years, and even the consumption per m2 has increased. At this stage can we not explain why.
37	Services	Economic growth	Please select	Please select The energy consumption in the service sector has been almost stable over the last 10 years with a small increase from 2015 to 2016. Over the same period has the been a sustainable economic growth in this sector. This has been outweighed by an increase in energy efficiency
38	Agriculture (voluntary)	Please select	Please select	Please select Energy consumption is declining.

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:

	Type of measure	Legal basis	Type of update	Please, insert explanations or provide a link to an extra/additional document:
39-1	Regulations and legislative measures	Nearly zero energy buildings	Please select	The building codes for new buildings has been updated
39-2	Please select	Please select	Please select	
39-3	Please select	Please select	Please select	
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	Funds, financial measures & fiscal incentives	Other EPRD-related measures	Adoption of a new measure, conclusion of agreement, publication of legislation, commencement/enforcement of a measure/programme	Implementation of a new financial scheme to promote individual heat pumps. External actors invest in the heat pump at the house owner pay for the delivered heat.
40-2	Please select	Please select	Please select	
40-3	Please select	Please select	Please select	
40-4	Please select	Please select	Please select	
40-5	Please select	Please select	Please select	
40-6	Please select	Please select	Please select	
40-7	Please select	Please select	Please select	
40-8	Please select	Please select	Please select	
40-9	Please select	Please select	Please select	
40-10	Please select	Please select	Please select	

Annual Report 2018 DENMARK

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 2018	
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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 not meet the energy performance requirements referred to in Article 5(1) on 1 January 2018	
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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)			
41-1	Total building floor area (m2) of buildings renovated in 2017 as referred to in Article 5(1)		
41-2	Amount of energy savings (tkm) achieved in 2017 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		
Alternative approach Article 5(6)		Policy measure (Please, specify the policy measure)	Amount of energy savings (tkm) achieved in 2016 in eligible buildings owned and occupied by their central government as referred to in Article 5(6)
41-1	Alternative measure 1		
41-2	Alternative measure 2		
41-3	Alternative measure 3		
41-4	Alternative measure 4		
41-5	Alternative measure 5		
41-6	Alternative measure 6		
41-7	Alternative measure 7		
41-8	Alternative measure 8		
41-9	Alternative measure 9		
41-10	Alternative measure 10		
41-11	Amount of energy savings (tkm) achieved in 2017 in eligible buildings owned and occupied by their central government as referred to in Article 5(6), in primary or final energy		0
41-12	Sum of energy savings (tkm) 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 2014-2017		

Annual Report 2018 DENMARK

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

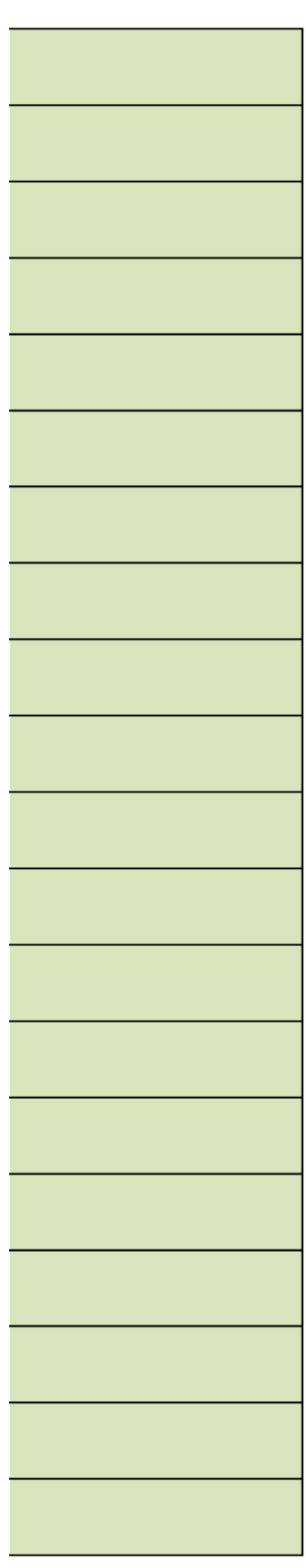
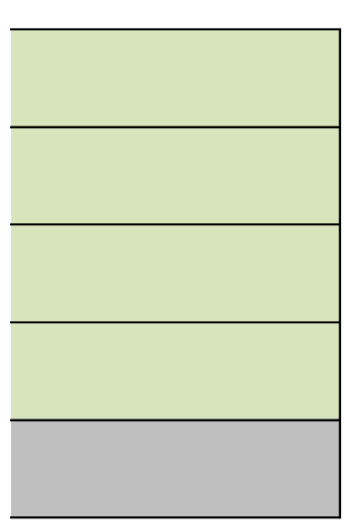
Energy savings achieved through the national energy efficiency obligation schemes referred to in Article 7(1) or the alternative measures adopted in application of Article 7(9):

Danish energy efficiency obligation scheme		2014	2015	2016	2017	
1	Total annual reported new savings achieved from new actions that were implemented in the year	PJ	9,19	11,58	10,96	9,79
2	Total reported annual savings generated from supply side measures that were implemented in the year	PJ	0,64	1,60	0,23	0,50
3	Total reported end-use savings (E minus J)	PJ	8,55	9,98	10,73	9,29
4	Total amount of savings generated from Eddy activities, that took place between 1/1/2008 and 31/12/2013 expressed in final energy	PJ	0	0	0	0

Annual Report 2018 DENMARK

Page 1/5

Page 2/5



Page 3/5

Page 4/5

Page 5/5