

# 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	2016
Reporting year	2014
Member State	Austria

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	32,7	(i) primary energy consumption	Mtoe	Primary Energy Consumption	Energy saving - annual data [nrg_ind_334a]	B_100910	-			15/02/2016
A2	26.802	(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		15/02/2016
A3	9.090	(iii) final energy consumption - industry	ktoe	Final Energy Consumption - Industry	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_101800	All products			15/02/2016
A4	8.726	(iii) final energy consumption - transport	ktoe	Final Energy Consumption - Transport	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_101900	All products			15/02/2016
A5	231	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		15/02/2016
A6	5.623	(iii) final energy consumption - households	ktoe	Residential	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_102010	All products			15/02/2016
A7	2.825	(iii) final energy consumption - services	ktoe	Services	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_102035	All products			15/02/2016
A8	537	final energy consumption - agriculture	ktoe	Agriculture/Forestry	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_102030	All products	Voluntary		15/02/2016
A9	8.986	final energy consumption – other sectors	ktoe	Other sectors	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_102000	All products	Voluntary		15/02/2016
A10	73.136	(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			15/02/2016
A11	174.855	(iv) gross value added - services	Million euro, chain-linked volumes, reference year 2005 (at 2005 exchange rates)	- Wholesale and retail trade, transport, accomodation 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 activities; activities of household and extra-territorial organizations and bodies	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			15/02/2016
A12	202.925	(v) disposable income for households	Million euro	Gross disposable income	Non-financial transactions [nasa_nf_tr]	Until 2017: S14 (if available) or S14_S15; From 2017 on: S14 only	"Households" (if available) or "Households; non-profit institutions serving households" (Until 2017)	Due to derogation for some MS granted by Eurostat	S14_S15 used	15/02/2016
A13	281.367	(vi) gross domestic product (GDP)	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	-			15/02/2016
A14	1.373	(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 - Gross electricity generation Autoproducer electricity only - Combustible Fuels - Gross electricity generation Autoproducer electricity only - Heat from Chemical Sources - Gross electricity generation Autoproducer electricity only - Other Sources - Gross electricity generation Autoproducer CHP plants - Geothermal - Gross electricity generation Autoproducer CHP plants - Combustible Fuels - Gross electricity generation Autoproducer CHP plants - Heat from Chemical Sources - Gross electricity generation Autoproducer CHP plants - Other Sources - Gross electricity generation Autoproducer electricity only - Solar Thermal	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		15/02/2016	
A15	731	(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 - Gross electricity generation Autoproducer CHP plants - Combustible Fuels - Gross electricity generation Autoproducer CHP plants - Heat from Chemical Sources - Gross electricity generation Autoproducer CHP plants - Other Sources	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		15/02/2016	

A16	1.911	(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 - Gross heat production Main activity heat only plants - Geothermal - Gross heat production Main activity heat only plants - Solar - Gross heat production Main activity heat only plants - Combustible Fuels - Gross heat production Main activity heat only plants - Heat Pumps - Gross heat production Main activity heat only plants - Electric Boilers - Gross heat production Main activity heat only plants - Other Sources - Gross heat production Autoproducer heat only plants - Geothermal - Gross heat production Autoproducer heat only plants - Solar - Gross heat production Autoproducer heat only plants - Combustible Fuels - Gross heat production Autoproducer heat only plants - Heat Pumps - Gross heat production Autoproducer heat only plants - Electric Boilers - Gross heat production Autoproducer heat only plants - Heat from Chemical Sources - Gross heat production Autoproducer heat only 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		15/02/2016	
A17	241	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	Austrian Statistical Office	15/02/2016
A18	1.051	(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 - 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 - Gross heat production Autoproducer CHP plants - Solar	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		15/02/2016	
A19	225	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	Austrian Statistical Office	15/02/2016
A20	5.016	(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			15/02/2016
A21	11.981	(xii) passenger kilometres	Millions of pkm Millions of pkm	Railway TRA_COV: Total transport Road VEHICLE: Total	Railway transport - Total annual passenger transport (1 000 pass., million pkm) [rail_pa_total] Passenger road transport on national territory, by type of vehicles registered in the reporting country [road_pa_mov]	- TOTAL - TOTAL	- -		only railway transport, data for road transport not available	15/02/2016
A22	n.a.	domestic maritime passenger kilometres	Millions of pkm	Eurostat data not available. Please, provide national data with definitions/explanations in column J.						15/02/2016
A23	n.a.	total national aviation passenger kilometres	Millions of pkm	Eurostat data not available. Please, provide national data with definitions/explanations in column J.						15/02/2016
A24	27	total international aviation passenger kilometres	Millions of pkm	Eurostat data not available. Please, provide national data with definitions/explanations in column J.					million passengers total	15/02/2016
A25	46.970	(xiii) tonnes kilometres	Millions of tkm Millions of tkm Millions of tkm	Railway TRA_COV: Total transport Road TRA_OPER: Total - Total transport Waterway TRA_COV: Total transport	Railway transport - Goods transported, by type of transport (1 000 t, million tkm) [rail_go_typeall] 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] Transport by type of good (from 2007 onwards with NST2007) [jww_go_atygo]	- TOTAL - TOTAL - TOTAL	- CARRIAGE: Total NST07: Total transported goods (TOTAL) TYPPACK: All types of packaging (TOTAL)			15/02/2016
A26	2.177	domestic maritime tonnes kilometres	Millions of tkm	Eurostat data not available. Please, provide national data with definitions/explanations in column J.						15/02/2016
A27	243	total national aviation tonnes kilometres	Millions of tkm	Eurostat data not available. Please, provide national data with definitions/explanations in column J.					tonnes	15/02/2016
A28	238.356	total international aviation tonnes kilometres	Millions of tkm	Eurostat data not available. Please, provide national data with definitions/explanations in column J.					tonnes	15/02/2016
A29	8.506.889	(xv) population	Persons	Population on 1 January - total	Demographic balance and crude rates [demo_gind]	JAN	-			15/02/2016
A30	3.768.915	Total number of households	Households	Eurostat data not available. Please, provide national data with definitions/explanations in column J.				Voluntary - see p. 39 SWD(2013)180, Annex A	Data from Austrian Statistical Office	15/02/2016
A31	469	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		15/02/2016
A32	862	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		15/02/2016
A33	1.013	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		15/02/2016



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	30.951	(i) primary energy consumption	ktoe	Statistics Austria: Energy balance	No climate adjustment, see p. 39 SWD(2013)180, Annex A		15/02/2016
B2	25.394	(ii) total final energy consumption	ktoe	Statistics Austria: Energy balance			15/02/2016
B3	7.535	(iii) final energy consumption - industry	ktoe	Statistics Austria: Energy balance			15/02/2016
B4	8.754	(iii) final energy consumption - transport	ktoe	Statistics Austria: Energy balance			15/02/2016
B5	232	final energy consumption in pipeline transport	ktoe	Statistics Austria: Energy balance	Voluntary - See p. 39 SWD(2013)180, Annex A		15/02/2016
B6	5.673	(iii) final energy consumption - households	ktoe	Statistics Austria: Energy balance			15/02/2016
B7	2.893	(iii) final energy consumption - services	ktoe	Statistics Austria: Energy balance			15/02/2016
B8	538	final energy consumption - agriculture	ktoe	Statistics Austria: Energy balance	Voluntary		15/02/2016
B9	9.105	final energy consumption – other sectors	ktoe	Statistics Austria: Energy balance	Voluntary		15/02/2016
B10	72.681	(iv) gross value added - industry	Million euro, chain-linked volumes, reference year 2005 (at 2005 exchange rates)	Statistics Austria: Structural Business Statistics			15/02/2016
B11	174.963	(iv) gross value added - services	Million euro, chain-linked volumes, reference year 2005 (at 2005 exchange rates)	Statistics Austria: Structural Business Statistics			15/02/2016
B12	190.701	(v) disposable income for households	Million euro	Statistics Austria: National Accounts - Non-Financial Sector Accounts - Disposable Income and Savings of private Households and Nonprofit Institutions serving Households - Net	disposable net income		15/02/2016
B13	281.269	(vi) gross domestic product (GDP)	Million euro, chain-linked volumes, reference year 2005 (at 2005 exchange rates)	Statistics Austria: National Accounts			15/02/2016
B14	1.372	(vii) electricity generation from thermal power generation	ktoe	Statistics Austria: Energy balance			15/02/2016
B15	731	(viii) electricity generation from CHP	ktoe	Statistics Austria: Energy balance			15/02/2016
B16	1.907	(ix) heat generation from thermal power generation	ktoe	Statistics Austria: Energy balance			15/02/2016
B17	241	Waste heat produced in industrial installations	ktoe	Austrian Energy Balance	Voluntary - See p. 39 SWD(2013)180, Annex A		15/02/2016
B18	1.050	(x) heat generation from CHP	ktoe	Statistics Austria: Energy balance			15/02/2016
B19	225	Waste heat recovered from industrial installations	ktoe	Austrian Energy Balance	Voluntary - See p. 39 SWD(2013)180, Annex A		15/02/2016
B20	5.163	(xi) fuel input for thermal power generation	ktoe	Statistics Austria: Energy balance			15/02/2016
B21	12.092	(xii) passenger kilometres	pkm		Only railway		15/02/2016
B22	39.276	(xiii) tonnes kilometres	tkm		Unit: Mio. tkm; Domestic transportation (road, rail, waterways)		15/02/2016
B23	8.543.932	(xv) population	Persons				15/02/2016
B24	3.768.915	Total number of households	Households	Statistics Austria: Microcensus - Number of dwellings (main residence)	Voluntary - see p. 39 SWD(2013)180, Annex A		15/02/2016
B25	468	Energy transmission and distribution losses (all fuels)	ktoe	Statistics Austria: Energy balance	Voluntary - see p. 39 SWD(2013)180, Annex A		15/02/2016
B26	857	Heat generation from district heating plants	ktoe	Statistics Austria: Energy balance	Voluntary - see p. 39 SWD(2013)180, Annex A		15/02/2016
B27	1.001	Fuel input in district heating plants	ktoe	Statistics Austria: Energy balance	Voluntary - see p. 39 SWD(2013)180, Annex A		15/02/2016

Additional requirments 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	Final energy consumption decreased – no explanation necessary.
35	Transport	Final energy consumption decreased – no explanation necessary.
36	Households	Final energy consumption decreased – no explanation necessary.
37	Services	Final energy consumption decreased – in the course of the regular revision of values by Statistics Austria, it turned out that energy consumption of the service sector in 2013 was above the levels of 2014. Therefore there was no increase in energy consumption.
38	Agriculture (voluntary)	Final energy consumption decreased – no explanation necessary.

Additional requirments 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 an extra/additional document:	
39-1	Major legislative in the previous year	Regulations and legislative measures	Energy Efficiency Obligation Scheme Art. 7 EED	Adoption of a new measure, conclusion of agreement, publication of legislation, commencement/enforcement of a measure/programme	In the end of November 2015 the decree on the National Energy Efficiency Agency was issued. This decree contains important details on the calculation of energy savings, the eligibilty of measures, quality criteria and documentation requirements.
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	Major non-legislative in the previous year	Please select	Please select	Please select	
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	

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	788.283
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Total building floor area of the buildings with a total useful floor area over 500 m2 and as of 9 July 2015 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 of the year in which the report is due	alternative approach chosen
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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):

42-1	Total building floor area [m2] of buildings <u>renovated</u> in the previous year as referred to in Article 5(6)	alternative approach chosen
42-2	Amount of energy savings [ktoe] <u>achieved</u> in the previous year in eligible buildings owned and occupied by their central government as referred to in Article 5(6)	0,54

Additional requirments 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):

	Policy measure (notified)	Savings <u>achieved</u> [ktoe] in 2014 <u>(n-2)</u>	Total <u>expected</u> savings [ktoe] by 2020 (voluntary)
43	EEO	61,73	
44	Housing, energy and environmental support of Federal Provinces	46,33	
45	Operational domestic environmental support (UFI)	35,08	
46	Federal green electricity support	0,79	
47	Energy taxes	544,09	
48	Highway toll for trucks	11,70	
49	Federal refurbishment grants	7,27	
50	klimaaktiv mobil	0,63	
51	Climate and energy fund	6,47	
52	Alternative measure 9		
53	Alternative measure 10		
54	Total savings		