

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). In case, the data based for reporting are based on national statistics, please, fill in **Table B** and provide definitions.

Annual Report	2020
Reporting year	2018
Member State	Austria

2020 target

Definition	Energy consumption		
Description	Final Energy Consumption		
Target level	PEC	FEC	Unit
Value	320	3 100	PJ
Transition	33.32755835	26.2700863	new
If your target is set as a reduction, please provide the baseline (for intensity target also for the reference GDP level)			
Baseline for:	Year	Value	
Energy consumption			
GDP			
If your indicative target has been modified from the initial value submitted in 2013, please specify when, how (increase or decrease) and reasons for modification.			
FEC	When	How	Reasons for modification
FEC	19-06-2015	1050 PJ	new law

Table A - Eurostat data (not necessary)

Table B - Data based on national statistics (if different or not available in Eurostat)

Number	Data field	AE 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)
81	32.130	(i) primary energy consumption	ttoe	Statistics Austria: Energy balance			14-01-2020
82	26.893	(ii) total final energy consumption	ttoe	Statistics Austria: Energy balance	No climate adjustment, see p. 39 SWD(2013)180, Annex A		14-01-2020
83	7.730	(iii) final energy consumption - industry	ttoe	Statistics Austria: Energy balance			14-01-2020
84	9.612	(iv) final energy consumption - transport	ttoe	Statistics Austria: Energy balance			14-01-2020
85	274	final energy consumption in pipeline transport	ttoe	Statistics Austria: Energy balance	Voluntary - See p. 39 SWD(2013)180, Annex A		14-01-2020
86	6.499	(v) final energy consumption - households	ttoe	Statistics Austria: Energy balance			14-01-2020
87	2.516	(vi) final energy consumption - services	ttoe	Statistics Austria: Energy balance			14-01-2020
88	535	final energy consumption - agriculture	ttoe	Statistics Austria: Energy balance	Voluntary		14-01-2020
89	0	final energy consumption - other sectors	ttoe	Statistics Austria: Energy balance	Voluntary		14-01-2020
810	86.110	(vii) gross value added - industry	Million euro, chain-linked volumes, reference year 2015 (at 2015 exchange rates)	Statistics Austria: Structural Business Statistics			30-09-2019
811	246.862	(viii) gross value added - services	Million euro, chain-linked volumes, reference year 2015 (at 2015 exchange rates)	Statistics Austria: Structural Business Statistics			30-09-2019
812	214.646	(ix) disposable income for households	Million euro	Statistics Austria: National Accounts			30-09-2019
813	368.857	(x) gross domestic product (GDP)	Million euro, chain-linked volumes, reference year 2015 (at 2015 exchange rates)	Statistics Austria: National Accounts			25-09-2019
814	1.712	(xi) gross electricity generation from thermal power generation	ttoe	Statistics Austria: Energy balance			14-01-2020
815	829	(xii) gross electricity generation from CHP	ttoe	Statistics Austria: Energy balance			14-01-2020
816	1.983	(xiii) gross heat production from thermal power generation	ttoe	Statistics Austria: Energy balance			14-01-2020
817	237	Waste heat produced in industrial installations	ttoe	Statistics Austria: Energy balance	Voluntary - See p. 39 SWD(2013)180, Annex A		14-01-2020
818	1.182	(xiv) gross heat production from CHP	ttoe	Statistics Austria: Energy balance			14-01-2020
819	221	Waste heat recovered from industrial installations	ttoe	Statistics Austria: Energy balance	Voluntary - See p. 39 SWD(2013)180, Annex A		14-01-2020
820	5.619	(xv) Transformation input for electricity and heat generation	ttoe	Statistics Austria: Energy balance			14-01-2020
821	railway: 22207212000 total: 114339932785	(xvi) passenger kilometres	plm	Environment Agency Austria: Austria's Annual Air Emission Inventory		Last year's reported data (2017) included rail passenger transport only. Hence, both data for railway passenger transport and total passenger transport is provided.	30-01-2020
822	81.946.835.280	(xvii) tonnes kilometres	tkm	Environment Agency Austria: Austria's Annual Air Emission Inventory		Data include inland transport of Austrian and European transport companies.	30-01-2020
823	8.837.707	(xviii) population	Persons	Statistics Austria: Total population (annual average)			13-02-2020
824	3.916.100	Total number of households	Households	Statistics Austria: Microcensus - Number of dwellings (mainly residential)	Voluntary - see p. 39 SWD(2013)180, Annex A		30-09-2019
825	612	Energy transmission and distribution losses (all fuels)	ttoe	Statistics Austria: Energy balance	Voluntary - see p. 39 SWD(2013)180, Annex A		14-01-2020
826	802	Heat generation from district heating plants	ttoe	Statistics Austria: Energy balance	Voluntary - see p. 39 SWD(2013)180, Annex A		14-01-2020
827	931	Fuel input in district heating plants	ttoe	Statistics Austria: Energy balance	Voluntary - see p. 39 SWD(2013)180, Annex A		14-01-2020

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	Economic growth	Increase of value added	Please select	The sectoral final energy consumption of industry increased by 1.1 %. This increase is mainly caused by an increased production of goods by 4.8 %.
35	Transport	Increase of transport of goods	Increase of transport of passengers	Please select	The growth of the final energy consumption in the transport sector (+1.5%) can be explained by the increased transport of goods (+ 4 %) and passengers (+ 3.3 %).
36	Households	Please select	Please select	Please select	Sectoral final energy consumption decreased by 6.6 %.
37	Services	Please select	Please select	Please select	Sectoral final energy consumption decreased by 4.1 %.
38	Agriculture (voluntary)	Please select	Please select	Please select	Sectoral final energy consumption decreased by 4.4 %.

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	Please select	Please select	Please select	
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	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	

Progress on additional measures introduced or planned to reach the 2020 target (in the context of the Task Force on Mobilising Efforts to Reach the EU Energy Efficiency Targets for 2020):

	Type of measure	Legal basis	Brief description of the measure (please indicate when it was implemented)	Expected (additional) energy savings	additional information
Strengthening of existing measures or new measures	Please select	Please select			
	Please select	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 [m ²] of the buildings with a total useful floor area over 250 m ² owned and occupied by the Member States' central government on 1 January 2020	ongoing analysis
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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 [m ²] of the buildings which did not meet the energy performance requirements referred to in Article 5(1) on 1 January 2020	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):

Default approach Article 5(1)		
42-1	Total building floor area [m ²] of buildings renovated in 2019 as referred to in Article 5(1)	alternative approach chosen
42-2	Amount of energy savings [ttoe] achieved in 2019 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 (please specify)	0,89
42-3	Sum of energy savings [ttoe] achieved 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 over the time period 2014-2019	4,012

Please sum new savings achieved in each year (from 2014 to 2019).

Alternative approach Article 5(6)	Policy measure (Please, specify the policy measure)	Amount of energy savings [ttoe] achieved in 2019 in eligible buildings owned and occupied by their central government as referred to in Article 5(6)
43-1	Refurbishment measures	0,76
43-2	Energy performance contracting	0,49
43-3	Energy management	0,02
43-4	Reduction of area	0,11
43-5		
43-6		
43-7		
43-8		
43-9		
43-10		
43-11	Amount of energy savings [ttoe] achieved in 2019 in eligible buildings owned and occupied by their central government as referred to in Article 5(6), in primary or final energy	0,89
43-12	Sum of energy savings [ttoe] 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 2014-2019	4,012

latest year

Please sum new savings achieved in each year (from 2014 to 2019) i.e. corresponding to 3% renovation rate.

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 2018 (savings achieved from measures and notified under Article 7(2)(a) and (b) shall not be part of this table)	Policy measure (Please, specify the policy measure)	Savings achieved in 2018 [ktoe] expressed in final energy*			Total cumulative expected savings [ktoe] by 2020 expressed in final energy (voluntary)
		Total annual end-use savings achieved [ktoe] in 2018 (amount of savings from new actions implemented from 2014 to 2018 that delivered savings in 2018)	Thereof savings achieved [ktoe] in 2018 only from new actions that were implemented in 2018	Total cumulative end-use savings achieved [ktoe] from 2014 to 2018	
44-1	EEDS	544,6544706	60,0903884	1745,546815	
44-2	Alternative measure 1	258,0948671	51,76917802	757,718079	
44-3	Alternative measure 2	204,3545041	36,16746484	632,9812681	
44-4	Alternative measure 3	37,0504923	23,91191864	70,60802888	
44-5	Alternative measure 4	594,6029818	181,3603866	1531,199836	
44-6	Alternative measure 5	12,79019775	3,901149642	32,93684912	
44-7	Alternative measure 6	26,307121218	4,255867613	88,2169469	
44-8	Alternative measure 7	1,683885814	0,199204211	5,08925706	
44-9	Alternative measure 8	67,54300959	10,41890557	202,2973065	
44-10	Alternative measure 9				
44-11	Alternative measure 10				
44-12	Total savings	1747,104031	372,0044836	5066,829387	

* In case of changes in the reported new energy savings, total annual energy savings and cumulative energy savings for 2014, 2015, 2016 or 2017, please provide revised figures for each policy measure concerned and the total

Energy savings achieved in 2018 from supply side measures accounted for under Art. 7 (2)(c)	Policy measure (Please, specify the policy measure)	Total annual savings generated in 2018 [ktoe] from supply side measures, (amount of savings from new actions implemented from 2014 to 2018 that delivered savings in 2018) expressed in final energy
45-1	Measure 1	
45-2	Measure 2	
45-3	Measure 3	
45-4	Total savings	

Energy savings achieved in 2018 from early actions accounted for under Art. 7 (2)(d)	Policy measure (Please, specify the policy measure)	Total amount of savings generated in 2018 [ktoe] from early actions that took place between 11/12/2008 and 11/12/2013 expressed in final energy
46-1	Alternative Measures & Voluntary Agreements	0,701753129
46-2	Measure 2	
46-3	Measure 3	
46-4	Total savings	