

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	2018/2019
Member State	Slovenia

2020 target

Definition	Energy consumption		
Description	The primary energy consumption will not exceed 7.125 ktoe in 2020		
Target level	PEC	FEC	Unit
Value	7.125	5.118	ktoe
Translation	Result of projections.		

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 consumed	-	-
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.

PEC	When	How	Reasons for modification
FEC	-	-	-

Table A - Eurostat data (not necessary)

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

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	6.810	(i) primary energy consumption	ktoe	Statistical Office of the Republic of Slovenia (SURS), Jožef Stefan Institute - Energy Efficiency Centre (JSI-EECI)		Based on EUROSTAT methodology, only more exact calculation due to the use of actual heating values for certain types of fuels (coal, liquid fuels). This is valid for all energy data in the table.	20.11.2019
B2	4.975	(ii) total final energy consumption	ktoe	SURS, JSI-EEC	No climate adjustment, see p. 39 SWD(2013)180, Annex A	Remark as under B1.	20.11.2019
B3	1.384	(iii) final energy consumption - industry	ktoe	SURS, JSI-EEC		Remark as under B1. Final energy consumption for manufacturing and construction.	20.11.2019
B4	2.001	(iii) final energy consumption - transport	ktoe	SURS, JSI-EEC		Remark as under B1.	20.11.2019
B5	-	final energy consumption in pipeline transport	ktoe	-	Voluntary - See p. 39 SWD(2013)180, Annex A	-	-
B6	1.066	(iii) final energy consumption - households	ktoe	SURS, JSI-EEC		Remark as under B1.	20.11.2019
B7	524	(iii) final energy consumption - services	ktoe	SURS, JSI-EEC		Remark as under B1. Final energy consumption for other users (no specific category for services).	20.11.2019
B8	73	final energy consumption - agriculture	ktoe	SURS, JSI-EEC	Voluntary	Remark as under B1. Final energy consumption for agriculture and forestry.	20.11.2019
B9	451	final energy consumption - other sectors	ktoe	SURS, JSI-EEC	Voluntary	Remark as under B1. Calculated as the difference between final energy consumptions in services (B7) and agriculture (B8).	20.11.2019
B10	11.198	(iv) gross value added - industry	Million euro, chain-linked volumes, reference year 2015 (at 2015 exchange rates)	SURS		Gross value added for manufacturing and construction (activities C and F according to NACE).	24.04.2020
B11	24.339	(iv) gross value added - services	Million euro, chain-linked volumes, reference year 2015 (at 2015 exchange rates)	SURS		Gross value added for activities from G to T according to NACE.	24.04.2020
B12	23.039	(v) disposable income for households	Million euro	SURS		Calculations are based on a yearly (net) disposable income for households (excluding in-kind income).	6.04.2020
B13	43.732	(vi) gross domestic product (GDP)	Million euro, chain-linked volumes, reference year 2015 (at 2015 exchange rates)	SURS		-	24.04.2020
B14	353	(vii) gross electricity generation from thermal power generation	ktoe	SURS, JSI-EEC		Gross electricity generation from thermal power generation, without CHP electricity production.	21.04.2020
B15	112	(vii) gross electricity generation from CHP	ktoe	SURS, JSI-EEC		Total CHP electricity production for completely CHP Units (efficiency ≥ 75%) and units with a non-CHP component (efficiency < 75%).	21.04.2020
B16	0	(ix) gross heat production from thermal power generation	ktoe	SURS, JSI-EEC		The heat from thermal power generation is taken into account under heat generation from CHP (B18).	21.04.2020
B17	-	Waste heat produced in industrial installations	ktoe	-	Voluntary - See p. 39 SWD(2013)180, Annex A	-	-
B18	270	(x) gross heat production from CHP	ktoe	SURS, JSI-EEC		Total CHP heat production for completely CHP Units (efficiency ≥ 75%) and units with a non-CHP component (efficiency < 75%).	21.04.2020
B19	-	Waste heat recovered from industrial installations	ktoe	-	Voluntary - See p. 39 SWD(2013)180, Annex A	-	-
B20	746	(xi) Transformation input for electricity and heat generation	ktoe	SURS, JSI-EEC		Fuel input without CHP fuel input.	21.04.2020
B21	NA	(xii) passenger kilometres	pkm	-	-	-	-
B22	NA	(xiii) tonnes kilometres	tkm	-	-	-	-
B23	2.076.595	(xiv) population	Persons	SURS		At 1 October 2018.	6.04.2020
B24	824.618	Total number of households	Households	SURS	Voluntary - see p. 39 SWD(2013)180, Annex A	Available only, when a population census survey is conducted.	6.04.2020
B25	109	Energy transmission and distribution losses (all fuels)	ktoe	SURS, JSI-EEC	Voluntary - see p. 39 SWD(2013)180, Annex A	-	20.11.2019
B26	37	Heat generation from district heating plants	ktoe	SURS, JSI-EEC	Voluntary - see p. 39 SWD(2013)180, Annex A	Gross heat generation.	20.11.2019
B27	47	Fuel input in district heating plants	ktoe	SURS, JSI-EEC	Voluntary - see p. 39 SWD(2013)180, Annex A	-	20.11.2019

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	Change in the methodology of measurement or calculation of energy consumptions	Increase of value added	Please select	The energy statistics for this sector has been improved. As also the companies with less than 20 employees are now included, the number of companies, included in the energy statistics, has risen from 1.107 in 2017 to 1.688 in 2018. The value added increased by 4,4 % in comparison to 2017.
35	Transport	Increase of transport of passengers	Increase of transport of goods	Please select	The increase is about the same in both cases.
36	Households	Please select	Please select	Please select	
37	Services	Please select	Please select	Please select	
38	Agriculture (voluntary)	Please select	Please select	Please select	

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	Major legislative in the previous year	Regulations and legislative measures	General transposition: Energy Efficiency Directive EED	Adoption of a new measure, conclusion of agreement, publication of legislation, commencement/enforcement of a measure/programme	Energy Act, September 2019
39-2		Regulations and legislative measures	Efficiency in heating and cooling (cogeneration, district heating and cooling) Art. 14 EED	Adoption of a new measure, conclusion of agreement, publication of legislation, commencement/enforcement of a measure/programme	Rules on the elaboration of a cost-benefit analysis for the use of high-efficiency cogeneration of heat and electricity and effective district heating and cooling, January 2019
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	

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	890.899
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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	828.058
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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)	17.733
42-2	Amount of energy savings [ktoe] 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)	0,13
42-3	Sum of energy savings [ktoe] 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	0,34

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 [ktoe] achieved in 2019 in eligible buildings owned and occupied by their central government as referred to in Article 5(6)
43-1	Alternative measure 1	-
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 2019 in eligible buildings owned and occupied by their central government as referred to in Article 5(6), in primary or final energy	0
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 2014-2019	0

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)(c) and (d) 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 <u>expected</u> 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 <u>new</u> actions that were implemented in 2018	Total <u>cumulative</u> end-use savings achieved [ktoe] from 2014 to 2018		
44-1	EEDS	Energy Efficiency Obligation Scheme	94,6	19,9	259,4	314,0
44-2	Alternative measure 1	Energy efficiency measures financed from the supplement to energy prices saved by all final energy users	66,8	17,9	187,4	630,8
44-3	Alternative measure 2					
44-4	Alternative measure 3					
44-5	Alternative measure 4					
44-6	Alternative measure 5					
44-7	Alternative measure 6					
44-8	Alternative measure 7					
44-9	Alternative measure 8					
44-10	Alternative measure 9					
44-11	Alternative measure 10					
44-12	Total savings	EEDS and alternative measure	161,4	37,8	446,8	944,8

* 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	Renovation of the heating station	6,4
45-2	Measure 2	Improvement of the heat distribution system efficiency	1,4
45-3	Measure 3	Installation of heat generation units in district heating systems in order to achieve the criteria for energy efficient district heating systems	4,9
45-4	Total savings	All measures	12,6

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 31/12/2008 and 31/12/2013 expressed in final energy
46-1	Measure 1	-
46-2	Measure 2	-
46-3	Measure 3	-
46-4	Total savings	-