

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	Greece

2020 target

Definition	Energy consumption		
Description	Final energy consumption		
Target level	PEC	PEC	Int
Value		18.4	Mtoe
Translation			

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.

	When	How	Reasons for modification
PEC			
PEC	2014 within 3rd NEEAP	Decrease from 20.5 Mtoe to 18.4 Mtoe	Change of the economic assumptions due to the economic recession

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		(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 2015 (at 2015 exchange rates)				
B11		(iv) gross value added - services	Million euro, chain-linked volumes, reference year 2015 (at 2015 exchange rates)				
B12		(v) disposable income for households	Million euro				
B13		(vi) gross domestic product (GDP)	Million euro, chain-linked volumes, reference year 2015 (at 2015 exchange rates)				
B14		(vii) gross electricity generation from thermal power generation	ktoe				
B15		(viii) gross electricity generation from CHP	ktoe				
B16		(ix) gross heat production from thermal power generation	ktoe				
B17		Waste heat produced in industrial installations	ktoe		Voluntary - See p. 39 SWD(2013)180, Annex A		
B18		(x) gross heat production from CHP	ktoe				
B19		Waste heat recovered from industrial installations	ktoe		Voluntary - See p. 39 SWD(2013)180, Annex A		
B20		(xi) Transformation input for electricity and heat generation	ktoe				
B21		(xii) passenger kilometres	pkm				
B22		(xiii) tonnes kilometres	tkm				
B23		(xiv) 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.

		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	Please select	Please select	Please select	
35	Transport	Economic growth	Increase of transport of passengers	Increase of transport of goods	The increase is owed mainly in domestic aviation and maritime as resulted by the respective increase of the GDP and tourism.
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	Market-based instruments (e.g. EEDS)	Energy Efficiency Obligation Scheme Art. 7 EED	Amendments, implementation or design changes and extension of an on-going measure	Ministerial Decision YTIEN/ΔΕΠΕΑ/2455/274/04-04-2019 "Designation of the obligated parties for year 2019 and allocation of the annual cumulative target to them" (Official Government Gazette: no. 1125 of issue B)
39-2	Market-based instruments (e.g. EEDS)	Energy Efficiency Obligation Scheme Art. 7 EED	Monitoring information, update on progress or impact assessment results	Ministerial Decision YTIEN/ΔΕΠΕΑ/94797/1008/05-11-2019 "Amendment of Ministerial Decision ΔΕΠΕΑ/Γ/175706/15-06-2018 and Accounting clearance procedure results for the year 2018 of the National Energy Efficiency Obligation Scheme" (Official Government Gazette: no. 4038 of issue B)
39-3	Market-based instruments (e.g. EEDS)	Energy Efficiency Obligation Scheme Art. 7 EED	Amendments, implementation or design changes and extension of an on-going measure	Ministerial Decision YTIEN/ΔΕΠΕΑ/102848/1035/20-11-2019 "Regulation of the National Energy Efficiency Obligation Scheme" (Official Government Gazette: no. 4237 of issue B)
39-4	Regulations and legislative measures	Energy audits in large enterprises Art. 8 EED	Amendments, implementation or design changes and extension of an on-going measure	Ministerial Decision Αριθμ. ΥΠΕΝ/Δ ΕΠΕΑ/49646/560/20-06-2019 "Amendment of the Ministerial Decision οικ.175275/22-05-2018 "Qualification and Certification Systems for Energy Auditors. Energy Auditors Registry and Energy Audits Archive" (Official Government Gazette: no. 2429 of issue B)
39-5	Regulations and legislative measures	Nearly zero energy buildings	Amendments, implementation or design changes and extension of an on-going measure	Law 4602/2019/09-03-2019 "Research, exploitation and management of the geothermal potential at national level, establishment of the Hellenic Authority of Geological and Mining Research, ownership segregation of networks gas distribution and other provisions" (Official Government Gazette: no. 45 of issue A) - Articles 70 and 71
39-6	Regulations and legislative measures	Alternative measure Art. 7 EED	Adoption of a new measure, conclusion of agreement, publication of legislation, commencement/enforcement of a measure/programme	Law 4608/2019/03-12-2019 "Hellenic Development Bank and attraction of Strategic Investments and other provisions" (Official Government Gazette: no. 66 of issue A) - Article 37
39-7	Regulations and legislative measures	Alternative measure Art. 7 EED	Adoption of a new measure, conclusion of agreement, publication of legislation, commencement/enforcement of a measure/programme	Law 4643/2019/03-12-2019 "Energy market liberalization, modernization of PPC, privatization of DEPA and support of RES and other provisions" (Official Government Gazette: no. 193 of issue A) - Article 28
39-8	Regulations and legislative measures	Other EPBD-related measures	Continuation of existing measures/no significant updates	Ministerial Decision YTIEN/ΔΕΠΕΑ/6949/72/28-01-2019 "Establishment of the calculation method of the value of the building or the building unit for the renovation to be marked as a major one" (Official Government Gazette: no. 408 of issue B)
39-9	Regulations and legislative measures	Other EED-related measures	Monitoring information, update on progress or impact assessment results	Ministerial Decision YTIEN/ΔΕΠΕΑ/45954/480/21-05-2019 "Approval of the Annual Progress Report on the National Energy Efficiency Targets for the year 2017, according to paragraph 5 of article 4 of Law 4342/2015 (par. 1 of article 24 of the Directive 2012/27/EU)" (Official Government Gazette: no. 2116 of issue B)
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	212.725
------	---	---------

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	200.725
------	---	---------

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)	0
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
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	0,15

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	

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) and (8) 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 <u>new</u> actions that were implemented in 2018	Total cumulative end-use savings achieved [ktoe] from 2014 to 2018	
44-1	EEOS	147,41	64,13	324,47	
44-2	Alternative measure 1	Save Energy at Home programme	37,00	0,00	157,63
44-3	Alternative measure 2	SAVE Programme for Local Authorities	2,25	0,00	6,75
44-4	Alternative measure 3	SAVE II Programme for Local Authorities	0,21	0,00	0,69
44-5	Alternative measure 4	Energy upgrade of residential buildings	9,70	9,69	9,71
44-6	Alternative measure 11	Replacing old public and private light trucks	12,43	0,00	50,75
44-7	Alternative measure 12	Replacing old private passenger vehicles	75,26	0,00	312,19
44-8	Alternative measure 14	Operational Programme for Environment and Sustainable Development* (OPESD) Operations	19,46	0,00	53,78
44-9	Alternative measure 16	Extension of Athens metro	29,30	0,00	146,50
44-10	Alternative measure 17	Offset of fines on illegal buildings against energy upgrades	5,28	2,42	9,88
44-11	Alternative measure 18	Energy managers in buildings of the public sector and the general government	2,00	0,39	4,81
44-12	Alternative measure 19	Energy efficient streetlighting	0,59	0,59	0,59
44-13	Alternative measure 20	Energy Performance Certificates as behavioural measure	7,07	4,60	25,27
44-14	Alternative measure 21	Dil products specific consumption tax	129,56	129,56	252,03
44-12	Total savings		477,53	211,38	1354,96

* 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 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	