

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	PORTUGAL

2020 target

Indicator	2020 indicator in REC	Unit
Indicator	REC	REC
Value	20.200	REC
Comment		

If your indicator is not a headline indicator according to the headline data table (see page 4 of the questionnaire)

Indicator ID	Year	Value
Indicator ID	2020	20.200
Year	2020	20.200

If your indicator has not been reported in the questionnaire submitted in 2017, please specify whether you intended to report it and reasons for non-reporting

Indicator ID	Year	Value
Indicator ID	2020	20.200
Year	2020	20.200

Table A - Eurostat data (not necessary)

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

Number	Data field	All indicators	Unit	Source	SWD(2018), Annex A	Definition of provided national statistics (including differences respect the definitions of Eurostat indicators listed above)	Last update (date of the data)
81	20.401	Electricity energy consumption	MWh	Eurostat Database			28-12-2018
82	36.508	Final fuel energy consumption	MWh	Eurostat Database	EU - Climate policy target, para. 36 SWD(2018), Annex A		28-12-2018
83	4.571	Final energy consumption - industry	MWh	Eurostat Database			28-12-2018
84	7.202	Final energy consumption - transport	MWh	Eurostat Database			28-12-2018
85		Final energy consumption in private households	MWh		Voluntary - See p. 39 SWD(2018), Annex A		28-12-2018
86	2.654	Final energy consumption - households	MWh	Eurostat Database			28-12-2018
87	1.968	Final energy consumption - services	MWh	Eurostat Database			28-12-2018
88	382	Final energy consumption - agriculture	MWh	Eurostat Database	Voluntary		28-12-2018
89	149	Final energy consumption - other sectors	MWh	Eurostat Database			28-12-2018
810	24.877	kg gross value added - industry	Million euro, chain-linked volumes, reference year 2015 (at 2015 exchange rates)	Statistics Portugal (INEC)		Chain-linked volumes, reference year 2015.	24-06-2020
811	114.189	kg gross value added - services	Million euro, chain-linked volumes, reference year 2015 (at 2015 exchange rates)	Statistics Portugal (INEC)		Chain-linked volumes, reference year 2015. Exclude storage, information and communications activities.	24-06-2020
812	124.272	kg disposable income for households	Million euro	Statistics Portugal (INEC)		Chain-linked volumes, reference year 2015. Family Consumption	24-06-2020
813	198.119	kg gross domestic product (GDP)	Million euro, chain-linked volumes, reference year 2015 (at 2015 exchange rates)	Statistics Portugal (INEC)		Chain-linked volumes, reference year 2015.	24-06-2020
814	1.102	kg gross electricity generation from thermal power generation	MWh	DGEC Database			28-11-2018
815	689	kg gross electricity generation from CHP	MWh	DGEC Database			28-11-2018
816	0	kg gross heat production from thermal power generation	MWh	DGEC Database			28-11-2018
817		Water heat produced in industrial installations	MWh		Voluntary - See p. 39 SWD(2018), Annex A		28-11-2018
818	1.209	kg gross heat production from CHP	MWh	DGEC Database		Includes all heat produced in CHP (produced and consumed by sub-producers)	28-11-2018
819		Water heat recovered from industrial installations	MWh		Voluntary - See p. 39 SWD(2018), Annex A		28-11-2018
820	7.661	kg T transformation heat for electricity and heat generation	MWh	DGEC Database, includes CHP		Includes all fuel input for heat and electricity produced in CHP (heat produced and consumed by sub-producers)	28-11-2018
821	102.171.129	kg passenger kilometers	km	Statistics Portugal (partial data + DGEC/DGRI/INEC extension)			18-02-2020
822	10.014.129	kg tonnes kilometers	ton	Statistics Portugal (INEC)			18-02-2020
823	10.276.817	kg population	Persons	Statistics Portugal (INEC)			14-06-2019
824		Total number of households	Households		Voluntary - see p. 39 SWD(2018), Annex A		28-11-2018
825	482	Energy transmission and distribution losses (at Twh)	MWh	DGEC Database, includes electricity	Voluntary - see p. 39 SWD(2018), Annex A		28-11-2018
826	36	Heat generation from district heating plants	MWh		Voluntary - see p. 39 SWD(2018), Annex A		28-11-2018
827	0	Fuel input to district heating plants	MWh		Voluntary - see p. 39 SWD(2018), Annex A		28-11-2018

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

In sectors where energy consumption exceeds a value or is rising Member States shall justify 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	Please select	Please select
35	Transport	Increase of transport of passengers	Increase of transport of goods	Please select
36	Households	Please select	Please select	Please select
37	Services	Economic growth	Please select	Please select
38	Agriculture (including)	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	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	Funds, financial measures & fiscal incentives	National Energy Efficiency Fund, Art. 19-EEF	Adoption of a new measure, conclusion of agreement, publication of legislation, commencement/development of a measure/programme	Under the Energy Efficiency Fund (EEF), was open Call 25, aiming to support investments in existing buildings of the Residential and Services sectors, namely, solar thermal heating, installation of efficient windows, requalification of thermal insulation and efficient lighting
40-2	Funds, financial measures & fiscal incentives	Public sector renovations Act, 51ED	Amendments, implementation or design/changes and extension of an on-going measure	Under PORTUGAL 2020 Partnership Agreement, FOGUEI - Operational Programme for Sustainability and Efficient Use of Resources, opened a Call for Application for the increase of energy efficiency in public infrastructure within the State's Central Administration.

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 is 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

42.1	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 State's central government on 1 January 2020	NA
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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 State's central government that, up to 31 January of the year in which the report is due, did not meet the energy performance requirements referred to in Article 5(1):

42.2	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	NA
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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 State's central government that was ~~assessed 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):

Detailed approach (Article 5(1))		
42.1	Total building floor area (m ²) of buildings assessed in 2019 as referred to in Article 5(1)	732910
42.2	Amount of energy savings (kWh) 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)	8294
42.3	Sum of energy savings (kWh) 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 2018-2019	

Please sum new savings achieved in each year from 2018 to 2019.

Alternative approach (Article 5(2))	Policy measure (Please, specify the policy measure)	Amount of energy savings (kWh) achieved in 2019 in eligible buildings owned and occupied by their central government as referred to in Article 5(6)
42.1	Alternative measure 1 Energy measure forum under the Energy Building Certification	
42.2	Alternative measure 2 Energy Efficiency Programme in Public Administration REGULAM	144
42.3	Alternative measure 3 European Regional Development Fund (ERDF)	10
42.4	Alternative measure 4 POSDAR - Operational Programme for Sustainability and Smart Growth of Buildings	0
42.5	Alternative measure 5	
42.6	Alternative measure 6	
42.7	Alternative measure 7	
42.8	Alternative measure 8	
42.9	Alternative measure 9	
42.10	Alternative measure 10	
42.11	Amount of energy savings (kWh) 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	144
42.12	Sum of energy savings (kWh) achieved in eligible buildings owned and occupied by their central government through the implementation of Article 5(2) in primary or final energy over the time period 2018-2019	

Please sum new savings achieved in each year from 2018 to 2019 in accordance to 20% recuperation 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(5):

Energy savings achieved in 2018 (savings achieved from measures and activities under Article 7(1) and (5) shall not be part of the table)	Policy measure (Please, specify the policy measure)	Savings achieved in 2018 (2018) expressed in final energy**			Total cumulative energy savings (since 2014 expressed in final energy (before 2014))
		Total annual end-use savings achieved (2018) in 2018 (amount of savings from new actions implemented from 2014 to 2018 that achieved savings in 2018)	Delayed savings achieved (2018) in 2018 only from new actions that were implemented in 2018	Total cumulative end-use savings achieved (2018) from 2014 to 2018	
80-2	8020				
80-3	Alternative measure 1	Water-Thermal - incentive programs to water thermal efficiency	21,132	7,138	
80-3	Alternative measure 2	SGCE - Management System of Intensive Energy Consumption	87,245	52,784	
80-4	Alternative measure 3	RGCE 07 - Management Regulation of Energy Consumption in Transport Sector	18,823	4,888	
80-6	Alternative measure 4	PRC - Consumption Efficiency Promotion Plan	95	13,76	
80-6	Alternative measure 5	National Energy Efficiency Fund	215	0	
80-7	Alternative measure 6				
80-8	Alternative measure 7				
80-9	Alternative measure 8				
80-10	Alternative measure 9				
80-11	Alternative measure 10				
80-12	Total savings	202,255	76,706		

** In case of changes in the reported base 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(5)(a)	Policy measure (Please, specify the policy measure)	Total annual savings generated in 2018 (2018) (sum of savings from new actions implemented from 2014 to 2018 that achieved savings in 2018 expressed in final energy)
80-1	Measure 1	
80-2	Measure 2	
80-3	Measure 3	
80-4	Total savings	

Energy savings achieved in 2018 from early actions accounted for under Art. 7(5)(b)	Policy measure (Please, specify the policy measure)	Total amount of savings generated in 2018 (2018) from early actions that took place between 1st/12/2008 and 31/12/2013 (expressed in final energy)
80-5	Measure 1	
80-6	Measure 2	
80-7	Measure 3	
80-8	Total savings	