

2015 annual report on energy efficiency in the Netherlands

Reporting under Article 24(1) of and Annex XIV to Directive 2012/27/EU

Annual report	2015
Reporting year	2013
Member State	The Netherlands

Part 1(a)

Article 3(1), expected consumption: 2 183 PJ (estimated final consumption):

Estimate of the following indicators

	2013	Unit	Comment	Source	
Primary energy consumption	3 255.76	PJ	Total energy consumption in the Netherlands	Statistics Netherlands (CBS)	Energy balance, supply, transformation and consumption, CBS StatLine, 5 December 2014
Total final energy consumption	1 971.70	PJ	Final energy consumption, total energy users	CBS	Energy balance, supply, transformation and consumption, CBS StatLine, 5 December 2014
Final energy consumption by sector					
— Industry	530.25	PJ	Industry (except for energy sector)	CBS	Energy balance, supply, transformation and consumption, CBS StatLine, 5 December 2014
— Transport (split between passenger and freight transport, if available)	468.54	PJ		CBS	Energy balance, supply, transformation and consumption, CBS StatLine, 5 December 2014
— Households	449.36	PJ	Private households	CBS	Energy balance, supply, transformation and consumption, CBS StatLine, 5 December 2014
— Services	523.55	PJ	Services + agriculture and fisheries + water companies and waste management (waste incineration plants)	CBS	Energy balance, supply, transformation and consumption, CBS StatLine, 5 December 2014
Gross value added by sector					
— Industry	70 082	EUR million	Gross added value at basic prices, real prices, industry (including construction, excluding energy sector)	CBS	CBS StatLine, GDP, production and expenditure, 13 February 2014
— Services	438 966	EUR million	Gross added value at basic prices, real prices, commercial (G-N) and non-commercial (O-U) services	CBS	CBS StatLine, GDP, production and expenditure, 13 February 2014

Disposable income of households	316 587	EUR million	Disposable income (gross), households including non-profit institutions serving households	CBS	CBS StatLine, sector accounts; key data, 19 January 2015
Gross domestic product (GDP)	578 536	EUR million	Increase in GDP resulting from production, GDP, real prices	CBS	CBS StatLine, GDP, production and expenditure, 13 February 2014
Electricity generation from thermal power generation	94 618 024	MWh	Total number of installations – electricity from water, wind and solar power	CBS	CBS StatLine, electricity, production and generation assets, 6 August 2013
Electricity generation from combined heat and power	50 108 306	MWh	CHP production, physical units, electricity production	CBS	CBS StatLine, electricity, production and generation assets, 15 December 2014
Heat from thermal power generation	219 682	TJ	Steam/hot water production	CBS	CBS StatLine, electricity, production and generation assets, 15 December 2014
Heat generation from combined heat and power plants, including industrial waste heat	219 682	TJ	Steam/hot water production	CBS	CBS StatLine, electricity, production and generation assets, 15 December 2014
Fuel input for thermal power generation	928 054	TJ	Total number of installations	CBS	CBS StatLine, electricity, production and generation assets, 15 December 2014
Passenger kilometres (pkm) if available	199.5	Billion km	Total number of km travelled by Dutch nationals on Dutch territory	CBS	CBS StatLine, passenger kilometres (persons); modes of transport, regions, 17 September 2014
Tonne kilometres (tkm) if available	42 877	Million load-tonne km	Inland road transport 2012	CBS	CBS StatLine, quarterly series, road transport of freight, February 2014, CBS road transport, 13 December 2013 and CBS transport performance, kilometres by vehicle type, October 2014
Combined transport kilometres (pkm + tkm) where passenger kilometres (pkm) and tonne kilometres (tkm) not available	Not available				
Population on 1 January 2013	16 779 575	Inhabitants	At 1 January 2013	CBS	CBS StatLine, key population figures, 26 August 2014

Comments on increase in energy consumption

The total quantity of natural gas consumed by households and businesses rose by 1.8 % in 2013 as a result of the cold spring. If consumption is corrected to exclude that temperature, the figure is approximately 1.5 % lower than one year previously.

Reporting on CHP

For reporting relating to CHP, see the Excel spreadsheet 'NL - Progress Report Spreadsheet WKK definitief april 2015.xls' (of 21 April 2015).

(b) Policy changes

The policy in the Netherlands has remained unchanged from the 2014 annual report¹. The 2013 'Energy agreement for sustainable growth' is still the overarching framework for policy measures. Energy efficiency in all sectors of society is an important pillar of the energy agreement.

Energy tax rates were amended as of 2015. The following table sets out the rates for that year in euro cents per unit:

	2015 level
	Energy tax (euro cents per unit excluding VAT)
Natural gas	
0-170 000 m ³	19.11
170 000-1 000 000 m ³	6.77
1 000 000-10 000 000 m ³	2.47
> 10 000 000 m ³	1.18
Reduced natural gas rate for greenhouse horticulture	
0-170 000 m ³	3.07
170 000-1 000 000 m ³	2.28
1 000 000-10 000 000 m ³	2.47
> 10 000 000 m ³	1.18
Electricity	
0-10 000 kWh	11.96
10 000-50 000 kWh	4.69
50 000-10 000 000 kWh	1.25
>= 10 000 000 kWh	0.05

¹ Part of the 2014 NEEAP

(c) Floor area of buildings

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(d) Energy savings achieved in renovated buildings, Article 5(6)

The reporting requirements under Article 5 have applied only since 2014. At the time of reporting, no figures are yet available for 2014.

(e) Energy savings achieved under Article 7(9)

The reporting requirements under Article 7(9) have applied only since 2014. At the time of reporting, no figures are yet available for 2014.