



**PRESS RELEASE**

Yerevan

07/02/2019

**Energy balance of the Republic of Armenia, 2017  
(format of IEA)**

1000 tonnes of oil equivalent (1000 t. o. e.)

N		Total	BROWN COAL	Anthracite	PEAT	Liquefied petroleum gases (LPG)	Motor Gasoline excl. bio	White spirit & SBP	Kerosene Type Jet Fuel excl. bio	Other Kerosene	Gas/Diesel Oil excl. bio	Fuel Oil	Lubricants	Paraffin Waxes	Bitumen	Other oil products	Natural Gas	Hydro power	Wind power	Solar PV	Fire wood	Solid biomass	Other biomass	Nuclear heat	Derived heat	Electricity	
1.1	Production	1,109.4			2.3													195.1	0.2	0.2	66.3		61.0	784.2			
1.2	Imports	2,399.5	0.7	0.3	0.0	6.8	148.4	0.1	55.3	0.0	136.9	0.1	6.5	0.4	31.6	8.1	1,968.1				0.0	8.3	0.5			27.5	
1.3	International aviation bunker	-55.3							-55.3																		
1.4	Exports	-128.7			-2.3								0.0			-0.3						-0.1	-2.3			-123.8	
1.5	Stock changes	-31.0													-13.4		-19.4						1.8				
<b>1</b>	<b>TPES (Total primary energy supply)</b>	<b>3,293.9</b>	<b>0.7</b>	<b>0.3</b>	<b>0.0</b>	<b>6.8</b>	<b>148.4</b>	<b>0.1</b>		<b>0.0</b>	<b>136.9</b>	<b>0.1</b>	<b>6.5</b>	<b>0.4</b>	<b>18.2</b>	<b>7.8</b>	<b>1,948.6</b>	<b>195.1</b>	<b>0.2</b>	<b>0.2</b>	<b>66.4</b>	<b>8.2</b>	<b>61.1</b>	<b>784.2</b>		<b>-96.3</b>	
<b>2</b>	<b>Transfers</b>																										
<b>3</b>	<b>Statistical differences</b>	<b>-0.1</b>			<b>0.0</b>			<b>0.0</b>									<b>-0.1</b>						<b>0.0</b>			<b>0.0</b>	
<b>4</b>	<b>Transformation processes</b>	<b>-838.8</b>															<b>-527.5</b>	<b>-195.1</b>	<b>-0.2</b>	<b>-0.2</b>				<b>-784.2</b>	<b>0.7</b>	<b>667.7</b>	
4.1	Electricity plants	-559.0																-195.1	-0.2	-0.2				-784.2		420.8	
4.1.1	Nuclear power stations (MA El. Gen.)	-559.0																						-784.2		225.2	
4.1.2	Hydro power stations (MA El. Gen.)																	-121.0								121.0	
4.1.3	Small hydro power stations (MA El. Gen.)																	-74.1								74.1	
4.1.4	Wind power stations (MA El. Gen.)																		-0.2							0.2	
4.1.5	Solar power stations (MA El. Gen.)																			-0.2						0.2	



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7.1.1.10	Wood and wood products	0.1															0.1				0.0					0.1
7.1.1.11	Textiles and leather	1.5						0.0									0.4				0.0					1.1
7.1.1.12	Construction	6.5				0.0		0.1			0.3						3.4									2.7
7.1.1.13	Non-specified (Industry)	5.1				0.0		0.0			0.0						1.0									4.1
7.1.2	Transport	653.6				5.2	148.4				96.1						395.1									8.7
7.1.2.1	Rail, metro, other electric transport	6.3																								6.3
7.1.2.2	Road	644.9				5.2	148.4				96.1						395.1									
7.1.2.3	Aviation	1.7																								1.7
7.1.2.4	Non-specified (Transport)	0.7																								0.7
7.1.3	Other sectors	1,219.1	0.7	0.3		1.3				0.0	21.1						730.4				66.3	8.2	58.0		0.2	332.5
7.1.3.1	Households	812.2	0.1	0.1		0.3					0.6						514.2				66.3	8.2	58.0		0.2	164.0
7.1.3.2	Agriculture	34.1								0.0	20.4															13.6
7.1.3.3	Services	372.9	0.6	0.3		1.0											216.2									154.8
<b>7.2</b>	<b>Non-energy use</b>	<b>36.0</b>			<b>0.0</b>			<b>0.0</b>				<b>0.1</b>	<b>6.5</b>	<b>0.4</b>	<b>18.2</b>	<b>7.8</b>							<b>3.1</b>			
7.2.1	Chemical Industry	0.0						0.0																		
7.2.2	Other sectors	36.0			0.0							0.1	6.5	0.4	18.2	7.8							3.1			

Note:

The discrepancy between the totals and sum in some cases can be explained by using rounded data.

The energy balance of the Republic of Armenia in 2017 is compiled by the Ministry of energy infrastructures and natural resources of the Republic of Armenia.

The methodology of the energy balance is available on the website

[http://www.minenergy.am/storage/files/pages/pg\\_8282982648982\\_2.2EDRC-Explanatory\\_Notes\\_on\\_Energy\\_Balance\\_of\\_Armenia\\_for\\_2015\\_a.docx](http://www.minenergy.am/storage/files/pages/pg_8282982648982_2.2EDRC-Explanatory_Notes_on_Energy_Balance_of_Armenia_for_2015_a.docx)

The explanatory notes of energy balance of Armenia for 2017 is located by the following link:

[http://www.minenergy.am/storage/files/pages/pg\\_1426698269141\\_kayk\\_balans.rar](http://www.minenergy.am/storage/files/pages/pg_1426698269141_kayk_balans.rar) in minenergy.am website (armenian and english languages)

## ENERGY CONSUMPTION

3.29

In 2017, the total primary energy supply in Armenia was 3.29 million tons of oil equivalent.

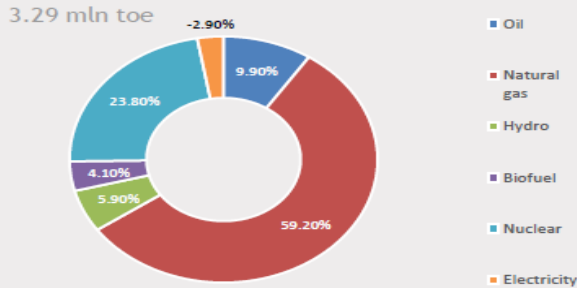
## DID YOU KNOW?

This corresponds to 1.1 toe of energy consumption per capita per year. With 1.1 toe of fuel, a car can make 16.5 round trips between the Northern and Southern border points of Armenia\*.

(\*) : Diesel car - Avg consumption on 6.5 litres/100 km

## ARMENIA ENERGY MIX

Total Primary Energy Supply (TPES), 2017



## SUPPLY

33.7%

### Energy production

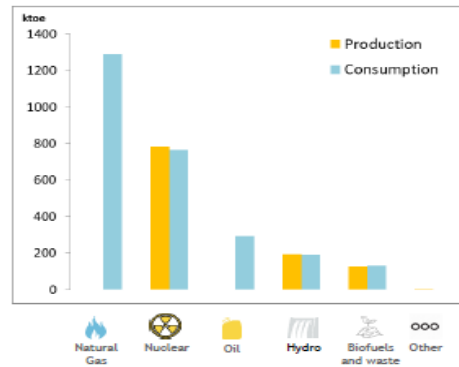
Although Armenia does not produce any fossil fuels, the country manages to cover 33.7% of its energy demand with domestic energy production. Armenia produces nuclear, hydro energy, as well as biofuels and waste (1.1 mtn toe in total in 2017).

1.95

### Imports and Exports

All fossil fuels need to be imported. Natural gas represents the largest share of Armenia's energy imports (1.95 mtn toe in 2017), followed by oil products. Armenia exports small amounts of electricity.

### Energy self sufficiency, 2017



## TRANSFORMATION

0.67

### Electricity Generation

During 2017 in Armenia was produced 0.67 mln toe electricity. Armenia produces nearly the same amount of electricity from nuclear and from natural gas (respectively 225 and 247 ktoe). The rest of electricity comes mainly from hydro power.

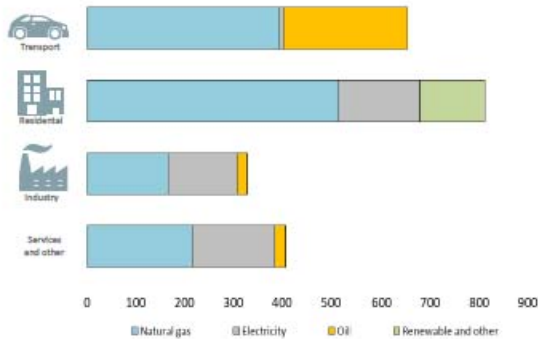


Although Armenia's energy mix is dominated by gas, the electricity mix is well diversified in comparison to many of its neighbours.

## TOTAL FINAL CONSUMPTION

2017

2.2 mln toe



### DID YOU KNOW?

- Since 2015, Armenia publishes an official energy balance with details on energy consumption and methodology.
- The households are the main and largest final consumers of energy including the natural gas and electricity.
- Transport is the second largest final energy consuming sector driving the demand for imported oil products.

This factsheet is based on statistics collected by the Statistical Committee of the Republic of Armenia (ArmStat). To discover more, please visit <http://www.armstat.am>



Sources: World Energy Statistics and Balances 2017 [http://wds.iea.org/wds/pdf/WORLDBAL\\_Documentation.pdf](http://wds.iea.org/wds/pdf/WORLDBAL_Documentation.pdf)

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