

# Natural gas imports & exports in Spain by country

March 2017

In March, natural gas net imports lessened to 24,709 GWh, having undergone an interannual descent of 9.4%. Pipeline net imports predominated the system structure (57.9%), having grown a 23.2% in comparison with March 2016.

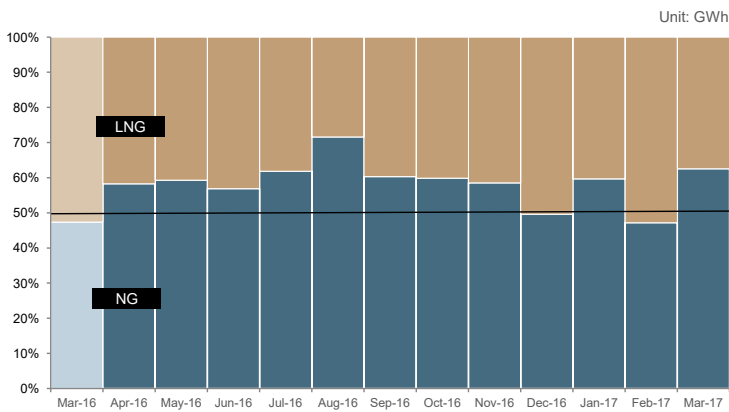
Natural gas entries to Spain reached 27,947 GWh, 6.3% lower than in March of the previous year. Pipeline imports (17,475 GWh) rose a 23.6% vs. Mar-16, whilst LNG dropped a 33.3%. Year-to-date showed an interannual variation rate of 15.0%, up to 103.446 GWh, maximum of a first quarter since 1Q2014.

This month outstood the importance of Africa, which amounted to 82.4% of the structure, with a remarkable increment of the imports of natural gas from Algeria (+55.2%). Imports from Central & South America (+13.0%) ascended and Europe & Eurasia (-60.8%) and Middle East (-6.3%) descended. Main natural gas suppliers to Spain in the year-to-date are Algeria (53.5%), Nigeria (13.4%), Peru (9.3%) and Norway (7.9%).

The exports increased in March a 25.5% vs. Mar-16, up to 3,238 GWh, the highest ones in four months. Pipeline exports (98.0% of the total) were notable to Portugal and France, 2,585 GWh and 588 GWh respectively. The rest are LNG exports to Italy, Andorra, Macedonia and Switzerland, besides France and Portugal.

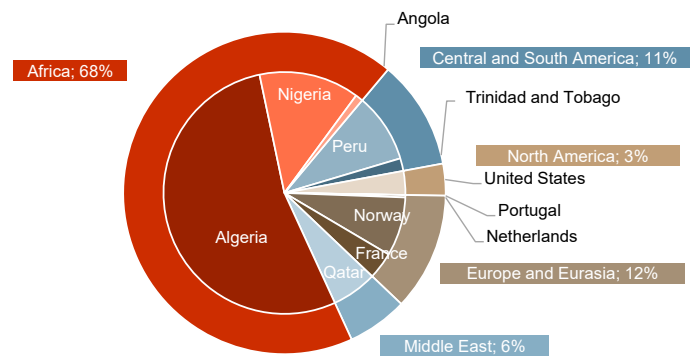
Maximum imports in a first quarter (103,446 GWh) since 1Q2014

Import weight by type of supply



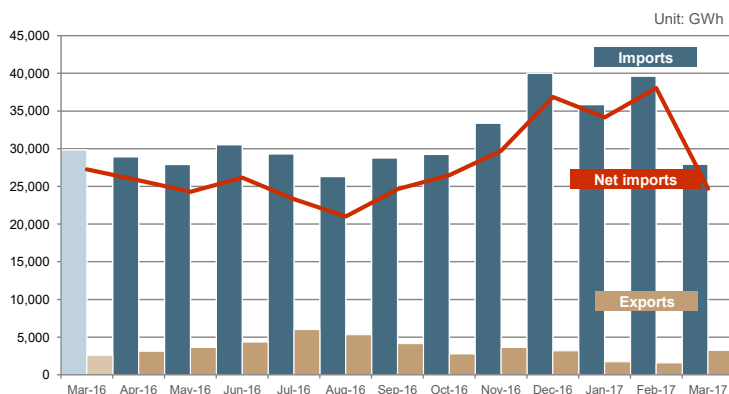
Source: Cores

Import distribution by geographical areas January-March 2017



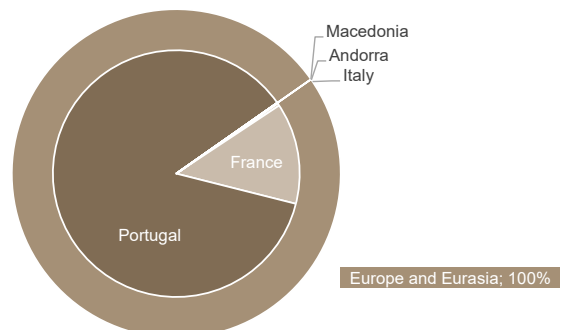
Source: Cores

Imports vs. exports



Source: Cores

Export distribution by geographical areas January-March 2017



Source: Cores

## Net imports

Unit: GWh

	March 2017			Year-to-date		Rolling year		
	Net. imports	VR (%) (*)	Weight (%)	Net. imports	VR (%) (*)	Net. imports	VR (%) (*)	Weight (%)
<b>TOTAL NET IMPORTS</b>	<b>24,709</b>	<b>-9.4</b>	<b>100.0</b>	<b>96,912</b>	<b>19.4</b>	<b>335,227</b>	<b>7.8</b>	<b>100.0</b>
NG	14,302	23.2	57.9	51,201	23.2	177,868	3.9	53.1
LNG	10,407	-33.5	42.1	45,711	15.4	157,359	12.7	46.9
OECD	-1,244	-149.9	-	9,008	32.4	5,865	-404.5	1.7
Non-OECD	25,953	4.8	-	87,904	18.2	329,363	5.3	98.3

Source: Cores

(\*) Rate of variation compared to the same period of previous year (see note 3)

(\*\*) Weight of imports does not correspond with the diversification of supply under Article 21 of Royal Decree 1716/2004

NOTE: Other outputs of the system are not included in the OECD and Non-OECD breakdown

## Natural gas imports by country

Unit: GWh

	March 2017			Year-to-date		Rolling year		
	Imports	VR (%) (*)	Weight (%)	Imports	VR (%) (*)	Imports	VR (%) (*)	Weight (%)
Angola	-	-	-	1,046	-	2,086	-	0.6
Algeria	17,945	14.8	64.2	55,383	12.9	213,364	-3.6	56.5
NG	15,485	55.2	55.4	48,007	28.4	184,159	4.5	48.7
LNG	2,459	-56.5	8.8	7,376	-36.8	29,205	-35.3	7.7
Nigeria	5,095	9.1	18.2	13,864	18.5	54,924	16.8	14.5
<b>Africa</b>	<b>23,040</b>	<b>13.5</b>	<b>82.4</b>	<b>70,293</b>	<b>15.7</b>	<b>270,374</b>	<b>0.7</b>	<b>71.6</b>
Peru	2,020	116.5	7.2	9,594	259.7	27,078	201.7	7.2
Trinidad and Tobago	-	-100.0	-	1,754	-41.0	6,087	-50.7	1.6
<b>Central and South America</b>	<b>2,020</b>	<b>13.0</b>	<b>7.2</b>	<b>11,348</b>	<b>101.2</b>	<b>33,164</b>	<b>55.6</b>	<b>8.8</b>
United States	-	-	-	3,299	-	4,145	-	1.1
<b>North America</b>	-	-	-	<b>3,299</b>	-	<b>4,145</b>	-	<b>1.1</b>
France	685	-33.7	2.5	3,726	31.7	8,716	-25.3	2.3
NG	685	-33.6	2.5	3,726	31.8	8,716	-25.3	2.3
LNG	-	-100.0	-	-	-100.0	^	-25.3	-
Netherlands	-	-	-	313	-	313	-	^
Norway	1,304	-67.7	4.7	8,175	-30.3	34,862	2.8	9.2
NG	1,304	-58.3	4.7	5,824	-35.0	26,616	4.2	7.0
LNG	-	-100.0	-	2,351	-15.2	8,246	-1.4	2.2
Portugal	-	-	-	20	-	28	486.9	^
NG	-	-	-	15	-	23	371.2	^
LNG	-	-	-	6	-	6	-	^
<b>Europe and Eurasia</b>	<b>1,989</b>	<b>-60.8</b>	<b>7.1</b>	<b>12,234</b>	<b>-16.0</b>	<b>43,920</b>	<b>-3.6</b>	<b>11.6</b>
Qatar	898	-66.6	3.2	6,271	-30.2	26,227	-21.1	6.9
<b>Middle East</b>	<b>898</b>	<b>-66.6</b>	<b>3.2</b>	<b>6,271</b>	<b>-30.2</b>	<b>26,227</b>	<b>-21.1</b>	<b>6.9</b>
<b>Total</b>	<b>27,947</b>	<b>-6.3</b>	<b>100.0</b>	<b>103,446</b>	<b>15.0</b>	<b>377,830</b>	<b>2.5</b>	<b>100.0</b>
NG	17,475	23.6	62.5	57,571	17.1	219,514	2.8	58.1
LNG	10,472	-33.3	37.5	45,875	12.5	158,315	2.1	41.9
<b>OECD</b>	<b>1,989</b>	<b>-60.8</b>	<b>7.1</b>	<b>15,533</b>	<b>6.7</b>	<b>48,064</b>	<b>5.5</b>	<b>12.7</b>
<b>Non-OECD</b>	<b>25,958</b>	<b>4.8</b>	<b>92.9</b>	<b>87,913</b>	<b>16.6</b>	<b>329,765</b>	<b>2.1</b>	<b>87.3</b>

Source: Cores

## Natural gas exports by country

Unit: GWh

	March 2017			Year-to-date		Rolling year		
	Exports	VR (%) (*)	Weight (%)	Exports	VR (%) (*)	Exports	VR (%) (*)	Weight (%)
Egypt	-	-	-	-	-	-	-100.0	-
<b>Africa</b>	-	-	-	-	-	-	<b>-100.0</b>	-
Canada	-	-	-	-	-	-	-100.0	-
<b>North America</b>	-	-	-	-	-	-	<b>-100.0</b>	-
Argentina	-	-	-	-	-	-	-100.0	-
Brasil	-	-	-	-	-	-	-100.0	-
Puerto Rico	-	-	-	-	-	350.5	-	0.8
<b>Central and South America</b>	-	-	-	-	-	<b>350.5</b>	<b>-90.9</b>	<b>0.8</b>
Andorra	3.4	-	0.1	8.1	-	15.3	-	^
Cyprus	-	-	-	-	-	-	-100.0	-
Slovenia	-	-	-	-	-100.0	0.3	7.3	^
France	635.3	1,369.2	19.6	865.6	598.7	7,638.9	30.1	17.9
NG	587.9	7,229.4	18.2	738.1	3,930.2	7,301.9	30.7	17.1
LNG	47.4	34.7	1.5	127.5	20.7	337.0	18.3	0.8
Italy	7.4	1.6	0.2	18.7	-15.6	64.1	-91.3	0.2
Macedonia	0.6	-	^	0.6	-	0.6	-	^
Portugal	2,589.8	2.5	80.0	5,640.0	-25.8	34,487.1	-6.2	81.0
NG	2,585.1	2.6	79.8	5,632.4	-25.7	34,344.2	-6.2	80.6
LNG	4.7	-35.4	0.1	7.6	-62.5	142.9	7.3	0.3
Switzerland	0.6	-50.3	^	0.6	-81.7	8.9	-21.3	^
<b>Europe and Eurasia</b>	<b>3,237.0</b>	<b>25.5</b>	<b>100.0</b>	<b>6,533.6</b>	<b>-15.8</b>	<b>42,215.1</b>	<b>-3.1</b>	<b>99.1</b>
Kuwait	-	-	-	-	-	-	-100.0	-
<b>Middle East</b>	-	-	-	-	<b>-100.0</b>	-	<b>-100.0</b>	-
India	-	-	-	-	-	-	-100.0	-
Japan	-	-	-	-	-	-	-100.0	-
Pakistan	-	-	-	-	-100.0	-	-100.0	-
<b>Asia Pacific</b>	-	-	-	-	<b>-100.0</b>	-	<b>-100.0</b>	-
Other outputs of the system (1)	0.6	-	^	0.6	-97.0	36.4	-52.2	^
<b>Total</b>	<b>3,237.6</b>	<b>25.5</b>	<b>100.0</b>	<b>6,534.1</b>	<b>-25.4</b>	<b>42,602.0</b>	<b>-26.1</b>	<b>100.0</b>
NG	3,173.0	25.5	98.0	6,370.5	-16.2	41,646.1	-1.3	97.8
LNG	64.6	27.0	2.0	163.6	-85.8	956.0	-93.8	2.2
<b>OECD</b>	<b>3,233.1</b>	<b>25.3</b>	<b>99.9</b>	<b>6,524.9</b>	<b>-15.9</b>	<b>42,199.2</b>	<b>-11.2</b>	<b>99.1</b>
<b>Non-OECD</b>	<b>4.6</b>	<b>-</b>	<b>0.1</b>	<b>9.3</b>	<b>-99.1</b>	<b>402.8</b>	<b>-96.0</b>	<b>0.9</b>

Source: Cores

(\*) Rate of variation compared to the same period of previous year (see note 3)

(1) It includes LNG lorry tankers intended for other countries and for other LNG operations (cooling down, direct supplies for consumer ships)

- equals 0.0 / ^ other than 0.0 / n.a.: not applicable

Note 1: all imports / exports are in the form of LNG, unless indicated otherwise.

Note 2: the weight of imports does not match the supply diversification under Article 21 of Royal Decree 1716/2004.

Note 3: In order to adapt to European legislation, since January 2015, the concept of gas transit contract has been changed, being considered hereinafter as import and export.