



Natural gas imports & exports in Spain by country

March 2018

Natural gas net imports increased by 19.0% from March 2017, standing at 29,416 GWh. Particularly, LNG imports rose by 1.2%, whilst those made through pipeline increased by 32.0%.

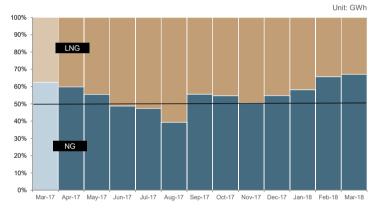
Natural gas imports reached 32,212 GWh in March 2018, 15.3% higher than in March 2017. 67.1% were made through pipeline, while the remaining 32.9% was introduced in liquid form. Natural gas supplies increased in every geographical area, except for Africa (-0.2%), because of the reduction of supplies from Nigeria (-32.9%). Thus, imports increased from Central and South America (+25.1%), Europe and Eurasia (+100.5%) and Middle East (+200.1%). In the year to date, the main natural gas suppliers to Spain were Algeria (60.0%), Nigeria (12.5%), Norway (8.9%) and Qatar (7.1%).

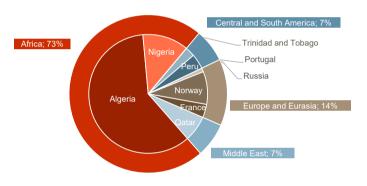
Exports registered in March an interannual descent (13.6% vs. Mar-17) dropping to 2,796 GWh. While pipeline exports decreased (-14.1%), LNG ones increased (+10.9%). Portugal remains the main export destination (67.1%), despite the reduction in comparison with March 2017 (-27.5%). In the year to date, exports increased by 43.0%, 74.6% made through pipeline and the remaining 25.4% as LNG.

Increase in net imports of natural gas (+19.0% vs. March 2017)

Import weight by type of supply

Import distribution by geographical areas January - March 2018**



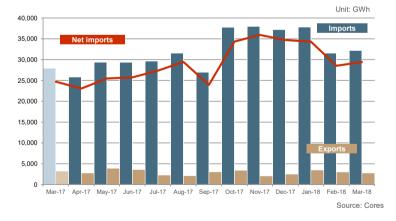


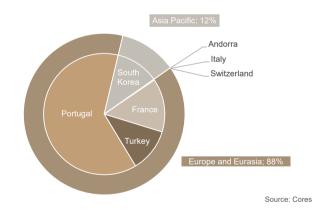
Source: Cores

Source: Cores

Imports vs. exports

Export distribution by geographical areas January - March 2018





Net imports

Source: Cores

	-	March 2018		Voor to	dato	Rolling year		
				Year-to-date				
	Net. imports	VR (%) (*)	Weight (%)	Net. imports	VR (%) (*)	Net. imports	VR (%) (*)	Weight (%)
TOTAL NET IMPORTS	29,416	19.0	100.0	92,290	-4.8	352,275	5.1	100.0
NG	18,881	32.0	64.2	57,414	12.1	180,820	1.7	51.3
LNG	10,535	1.2	35.8	34,876	-23.7	171,455	9.0	48.7
OECD	1,200	-196.5	4.1	3,459	-61.6	27,005	360.5	7.7
Non-OECD	28,216	8.7	95.9	88,831	1.1	325,270	-1.2	92.3

^(*) Rate of variation compared to the same period of previous year

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





Natural gas imports by country

Unit: GWh

Imports		March 2018			Year-to	-date	Rolling year		
Algeria 19,583 9.1 60.8 61,012 10.2 193,639 -9.2 50.0 NG 18,104 16.9 56.2 53,079 10.6 166,315 -9.7 42.8 Eypt - - - - - - 1,127 - 0.0 47,732 -6.4 7.7 Eypt - - - - - 1,127 - 0.0 47,482 -13.5 12.2 Africa 23,003 -0.2 71.4 73,766 4.9 244,312 -9.6 63. Peru 71.4 -64.6 2.2 4,200 -56.2 34,110 26.0 81 Trinidad and Tobago 1,813 - 5.6 6,899 39.2 241,173 24.1 10. Central and South America 2,527 25.1 7.8 6,899 -39.2 41,173 24.1 10. United States - - - - <th< th=""><th></th><th>Imports</th><th>VR (%) (*)</th><th>Weight (%)</th><th>Imports</th><th>VR (%) (*)</th><th>Imports</th><th></th><th>Weight (%)</th></th<>		Imports	VR (%) (*)	Weight (%)	Imports	VR (%) (*)	Imports		Weight (%)
NG	Angola	-	-	-	-		2,065	-1.0	0.5
LNG 1,479 -39.9 4.6 7,933 7.5 27,323 -6.4 7.7 Egypt - - - - - 1,127 - 0.2 Nigeria 3,419 -32.9 10.6 12,754 -8.0 47,462 -13.5 12. Africa 23,003 -0.2 71.4 73,766 4.9 244,312 -9.6 63. Peru 714 -64.6 2.2 4,200 -56.2 34,110 26.0 81. Trinidad and Tobago 1,813 - -5.6 2,699 53.9 7,062 16.0 1. Central and South America 2,527 25.1 7.8 6,899 -39.2 41,173 24.1 10. United States - <	Algeria	19,583	9.1	60.8	61,012	10.2	193,639	-9.2	50.0
Egypt	NG	18,104	16.9	56.2	53,079	10.6	166,315	-9.7	42.9
Nigeria 3,419 -32.9 10.6 12,754 -8.0 47,482 -13.5 12.5 Africa 23,003 -0.2 71.4 73,766 4.9 244,312 -9.6 63.5 Fire	LNG	1,479	-39.9	4.6	7,933	7.5	27,323	-6.4	7.1
Africa 23,003 -0.2 71.4 73,766 4.9 244,312 -9.6 63. Peru 714 -64.6 2.2 4,200 -56.2 34,110 26.0 83. Trinidad and Tobago 1,813 - 5.6 2,699 53.9 7,062 16.0 1.1 Central and South America 2,527 25.1 7.8 6,899 -39.2 41,173 24.1 10.1 United States - - - - -100.0 5,244 26.5 1. North America - - - - -100.0 5,244 26.5 1. North America - - - - -100.0 5,244 26.5 1. NG 881 28.6 2.7 3,193 -14.3 15,024 72.4 33.9 LNG 487 - 1.5 487 - 487 - 0. LNG 487 - </td <td>Egypt</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>1,127</td> <td>-</td> <td>0.3</td>	Egypt	-	-	-	-	-	1,127	-	0.3
Peru 714 -64.6 2.2 4,200 -56.2 34,110 26.0 8.1 Trinidad and Tobago 1,813 - 5.6 2,699 53.9 7,062 16.0 1.3 Central and South America 2,527 25.1 7.8 6,899 -39.2 41,173 24.1 10.0 United States -	Nigeria	3,419	-32.9	10.6	12,754	-8.0	47,482	-13.5	12.3
Trinidad and Tobago 1,813 - 5.6 2,699 53.9 7,062 16.0 1.1 Central and South America 2,527 25.1 7.8 6,899 -39.2 41,173 24.1 10.0 United States -	Africa	23,003	-0.2	71.4	73,766	4.9	244,312	-9.6	63.1
Central and South America 2,527 25.1 7.8 6,899 -39.2 41,173 24.1 10.1 United States - - - - -100.0 5,244 26.5 1. North America - - - -100.0 5,244 26.5 1. France 1,367 99.6 4.2 3,680 -1.2 15,511 78.0 4. NG 881 28.6 2.7 3,193 -14.3 15,024 72.4 3.5 LNG 487 - 1.5 487 - 487 - 0. Norway 2,621 101.0 8.1 8,100 39.1 30,804 15.7 7. 2. LNG - - - - 975 -58.5 8,694 5.4 2.2 Netherlands - - - - 100.0 820 162.0 0.2 Portugal - -	Peru	714	-64.6					26.0	8.8
United States -	Trinidad and Tobago	1,813	-	5.6	2,699	53.9	7,062	16.0	1.8
North America - <		2,527	25.1	7.8	6,899			24.1	10.6
France 1,367 99.6 4.2 3,680 -1.2 15,511 78.0 4.1 NG 881 28.6 2.7 3,193 -14.3 15,024 72.4 3.9 LNG 487 - 1.5 487 - 487 - 0.1 Norway 2,621 101.0 8.1 9,074 11.0 39,497 13.3 10.0 NG 2,621 101.0 8.1 8,100 39.1 30,804 15.7 7.5 LNG - - - 975 -58.5 8,694 5.4 2.2 Netherlands - - - - 100.0 820 162.0 0.2 Portugal - - - 10 -51.0 10 -64.8 NG - - - 10 - 10.0 - -100.0 - -100.0 - -100.0 - -100.0 - -100.0 </td <td></td> <td></td> <td>-</td> <td>-</td> <td>-</td> <td></td> <td></td> <td></td> <td>1.4</td>			-	-	-				1.4
NG 881 28.6 2.7 3,193 -14.3 15,024 72.4 3.9 LNG 487 - 1.5 487 - 487 - 0.1 Norway 2,621 101.0 8.1 9,074 11.0 39,497 13.3 10.3 NG 2,621 101.0 8.1 8,100 39.1 30,804 15.7 7.5 LNG - - - 975 -58.5 8,694 5.4 2.2 Netherlands - - - - -100.0 820 162.0 0.2 Portugal - - - 10 -51.0 10 -64.8 NG - - - 10 - 10 -64.8 NG - - - 10.0 - 100.0 - Russia - - - 1,030 - - - - 0.0	North America	-							1.4
LNG 487 - 1.5 487 - 487 - 0.7 Norway 2,621 101.0 8.1 9,074 11.0 39,497 13.3 10.3 NG 2,621 101.0 8.1 8,100 39.1 30,804 15.7 7.5 LNG - - - 975 -58.5 8,694 5.4 2.2 Netherlands - - - - -100.0 820 162.0 0.2 Portugal - - - 10 -51.0 10 -64.8 NG - - - 10 -51.0 10 -64.8 NG - - - 10 - 10 -64.8 NG - - - 100.0 - 10 -64.8 Russia - - - 1,030 - 100.0 - Europe and Eurasia 3,989 100.5 12.4 13,794 12.7 56,869 29.5 14. Qatar 2,695 200.1 8.4 7,174 14.4 39,880 52.1 10. Middle East 2,695 200.1					3,680		15,511	78.0	4.0
Norway 2,621 101.0 8.1 9,074 11.0 39,497 13.3 10.0 NG 2,621 101.0 8.1 8,100 39.1 30,804 15.7 7.8 LNG - - - 975 -58.5 8,694 5.4 2.2 Netherlands - <t< td=""><td>NG</td><td>881</td><td>28.6</td><td>2.7</td><td>3,193</td><td>-14.3</td><td>15,024</td><td>72.4</td><td>3.9</td></t<>	NG	881	28.6	2.7	3,193	-14.3	15,024	72.4	3.9
NG 2,621 101.0 8.1 8,100 39.1 30,804 15.7 7.5 LNG - - - 975 -58.5 8,694 5.4 2.2 Netherlands - - - - - -100.0 820 162.0 0.2 Portugal - - - 10 -51.0 10 -64.8 NG - - - 10 -51.0 10 -64.8 NG - - - 10 -51.0 10 -64.8 NG - - - 10 - 10 -56.1 ///>-10 - LNG -<	LNG	487	-	1.5	487	-	487	-	0.1
LNG - - - - 975 -58.5 8,694 5.4 2.2 Netherlands - - - - -100.0 820 162.0 0.2 Portugal - - - 10 -51.0 10 -64.8 NG - - - 10 - 10 -56.1 LNG - - - - -100.0 - -100.0 Russia - - - 1,030 - 1,030 - 0.5 Europe and Eurasia 3,989 100.5 12.4 13,794 12.7 56,869 29.5 14. Qatar 2,695 200.1 8.4 7,174 14.4 39,880 52.1 10. Middle East 2,695 200.1 8.4 7,174 14.4 39,880 52.1 10. Total 32,212 15.3 100.0 101,632 -1.8 387,477<				8.1					10.2
Netherlands - - - - - - - 0.2 Portugal - - - 10 -51.0 10 -64.8 NG - - - 10 - 10 -64.8 LNG - - - 10 - 10 -56.1 10 Russia - - - - - - -100.0 - -100.0 Russia - - - - - -100.0 - -100.0 - -100.0 - -100.0 - -100.0 - -100.0 - -100.0 - -100.0 - -100.0 - -100.0 - - -100.0 - -100.0 - -100.0 - -100.0 - -100.0 - -100.0 - -100.0 - -100.0 -100.0 -100.0 -100.0 -100.0 -100.0 -100.0	NG	2,621	101.0	8.1	8,100	39.1	30,804	15.7	7.9
Portugal - - - 10 -51.0 10 -64.8 NG - - - 10 -51.0 10 -64.8 LNG - - - 10 - 10 -56.1 Russia -	LNG	-	-	-	975	-58.5	8,694	5.4	2.2
NG LNG - - - - 10 - 10 -56.1 // Russia - - - 1,030 - 1,030 - 0.6 Europe and Eurasia 3,989 100.5 12.4 13,794 12.7 56,869 29.5 14. Qatar 2,695 200.1 8.4 7,174 14.4 39,880 52.1 10. Middle East 2,695 200.1 8.4 7,174 14.4 39,880 52.1 10. Total 32,212 15.3 10.0 101,632 -1.8 387,477 2.6 100. NG 21,606 23.6 67.1 64,381 11.8 212,153 -3.4 54. LNG 10,607 1.3 32.9 37,251 -18.8 175,324 10.7 45. OECD 3,989 100.5 12.4 12,764 -17.8 61,082 27.1 15.	Netherlands	-	-	-	-	-100.0	820	162.0	0.2
LNG - 0.0 Europe and Eurasia 3,989 100.5 12.4 13,794 12.7 56,869 29.5 14. Qatar 2,695 200.1 8.4 7,174 14.4 39,880 52.1 10. Middle East 2,695 200.1 8.4 7,174 14.4 39,880 52.1 10. Total 32,212 15.3 100.0 101,632 -1.8 387,477 2.6 100. NG 21,606 23.6 67.1 64,381 11.8		-	-	-		-51.0			٨
Russia - - - 1,030 - 1,030 - 0.5 Europe and Eurasia 3,989 100.5 12.4 13,794 12.7 56,869 29.5 14. Catar 2,695 200.1 8.4 7,174 14.4 39,880 52.1 10. Middle East 2,695 200.1 8.4 7,174 14.4 39,880 52.1 10. Total 32,212 15.3 100.0 101,632 -1.8 387,477 2.6 100. NG 21,606 23.6 67.1 64,381 11.8 212,153 -3.4 54. LNG 10,607 1.3 32.9 37,251 -18.8 175,324 10.7 45. OECD 3,989 100.5 12.4 12,764 -17.8 61,082 27.1 15.		-	-	-	10	-	10		۸
Europe and Eurasia 3,989 100.5 12.4 13,794 12.7 56,869 29.5 14. Qatar 2,695 200.1 8.4 7,174 14.4 39,880 52.1 10. Middle East 2,695 200.1 8.4 7,174 14.4 39,880 52.1 10. Total 32,212 15.3 100.0 101,632 -1.8 387,477 2.6 100. NG 21,606 23.6 67.1 64,381 11.8 212,153 -3.4 54. LNG 10,607 1.3 32.9 37,251 -18.8 175,324 10.7 45. OECD 3,989 100.5 12.4 12,764 -17.8 61,082 27.1 15.	LNG	-	-	-	-	-100.0	-	-100.0	-
Qatar 2,695 200.1 8.4 7,174 14.4 39,880 52.1 10.3 Middle East 2,695 200.1 8.4 7,174 14.4 39,880 52.1 10.3 Total 32,212 15.3 100.0 101,632 -1.8 387,477 2.6 100.0 NG 21,606 23.6 67.1 64,381 11.8 212,153 -3.4 54.1 LNG 10,607 1.3 32.9 37,251 -18.8 175,324 10.7 45.5 OECD 3,989 100.5 12.4 12,764 -17.8 61,082 27.1 15.3	Russia	-	-	-	1,030	-	1,030	-	0.3
Middle East 2,695 200.1 8.4 7,174 14.4 39,880 52.1 10.7 Total 32,212 15.3 100.0 101,632 -1.8 387,477 2.6 100.0 NG 21,606 23.6 67.1 64,381 11.8 212,153 -3.4 54.1 LNG 10,607 1.3 32.9 37,251 -18.8 175,324 10.7 45.1 OECD 3,989 100.5 12.4 12,764 -17.8 61,082 27.1 15.0	Europe and Eurasia	3,989	100.5	12.4	13,794	12.7	56,869	29.5	14.7
Total 32,212 15.3 100.0 101,632 -1.8 387,477 2.6 100.0 NG 21,606 23.6 67.1 64,381 11.8 212,153 -3.4 54.6 LNG 10,607 1.3 32.9 37,251 -18.8 175,324 10.7 45.0 OECD 3,989 100.5 12.4 12,764 -17.8 61,082 27.1 15.0		2,695					39,880		10.3
NG 21,606 23.6 67.1 64,381 11.8 212,153 -3.4 54. LNG 10,607 1.3 32.9 37,251 -18.8 175,324 10.7 45 OECD 3,989 100.5 12.4 12,764 -17.8 61,082 27.1 15.	Middle East	2,695	200.1	8.4	7,174	14.4	39,880	52.1	10.3
LNG 10,607 1.3 32.9 37,251 -18.8 175,324 10.7 45 OECD 3,989 100.5 12.4 12,764 -17.8 61,082 27.1 15.	Total	32,212	15.3	100.0	101,632	-1.8	387,477	2.6	100.0
OECD 3,989 100.5 12.4 12,764 -17.8 61,082 27.1 15.4							212,153		54.8
	LNG	10,607	1.3	32.9	37,251	-18.8	175,324	10.7	45.2
Non-OECD 28,224 8.7 87.6 88,868 1.1 326,395 -1.0 84.	OECD	3,989			12,764		61,082	27.1	15.8
	Non-OECD	28,224	8.7	87.6	88,868	1.1	326,395	-1.0	84.2

Source: Cores

Natural gas exports by country

Unit: GWh

	March 2018			Year-to	-date			
	Exports	VR (%) (*)	Weight (%)	Exports	VR (%) (*)	Exports	Rolling year VR (%) (*)	Weight (%)
Puerto Rico	-	-	-	-	-	-	-100.0	-
Central and South America	-	-	-	-	-	-	-100.0	•
Andorra	3.9	13.5	0.1	10.4	27.5	22.3	45.2	0.1
Slovenia	-	-	-	-	-	-	-100.0	-
France	908.0	42.9	32.5	1,328.5	53.5	1,761.4	-76.9	5.0
NG	848.0	44.3	30.3	1,159.1	57.0	1,312.5	-82.0	3.7
LNG	60.0	26.5	2.1	169.4	32.9	449.0	33.2	1.3
Italy	3.7	-49.7	0.1	10.0	-46.3	43.8	-31.7	0.1
Macedonia	-	-100.0	-	-	-100.0	0.6	0.9	٨
Portugal	1,876.5	-27.5	67.1	5,809.8	3.0	30,114.3	-12.7	85.5
NG	1,876.5	-27.4	67.1	5,808.3	3.1	30,021.0	-12.6	85.3
LNG	-	-100.0	-	1.5	-80.9	93.3	-34.7	0.3
Switzerland	0.5	-10.2	^	1.1	79.6	2.6	-71.0	٨
Turkey	-	-	-	1,079.2	-	1,079.2	-	3.1
Europe and Eurasia	2,792.6	-13.7	99.9	8,238.9	26.1	33,024.1	-21.8	93.8
South Korea	-	-	-	1,076.4	-	1,076.4	-	3.1
India		-	-	-	<u> </u>	987.4	-	2.8
Asia Pacific	-	-	-	1,076.4	-	2,063.8	-	5.9
Other outputs of the system (1)	3.5	510.9	0.1	26.7	4,528.4	114.7	215.2	0.3
Total	2,796.2	-13.6	100.0	9,342.1	43.0	35,202.6	-17.4	100.0
NG	2,724.5	-14.1	97.4	6,967.4	9.4	31,333.5	-24.8	89.0
LNG	71.7	10.9	2.6	2,374.7	1,351.2	3,869.1	304.7	11.0
OECD	2,788.8	-13.7	99.7	9,305.0	42.6	34,077.7	-19.2	96.8
Non-OECD	7.4	62.4	0.3	37.1	299.9	1,124.9	179.2	3.2

Source: Cores

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.

Updated 08-05-2018

For further information: cores.institucional@cores.es. Tel.: +34 91 417 23 59, or visit: www.cores.es

 $^{(\}mbox{\ensuremath{^{\star}}})$ Rate of variation compared to the same period of previous year.

⁽¹⁾ It includes cooling down and direct supplies for consumer ships. Itemisation since January 2014.

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