

Natural gas imports & exports in Spain by country

September 2016

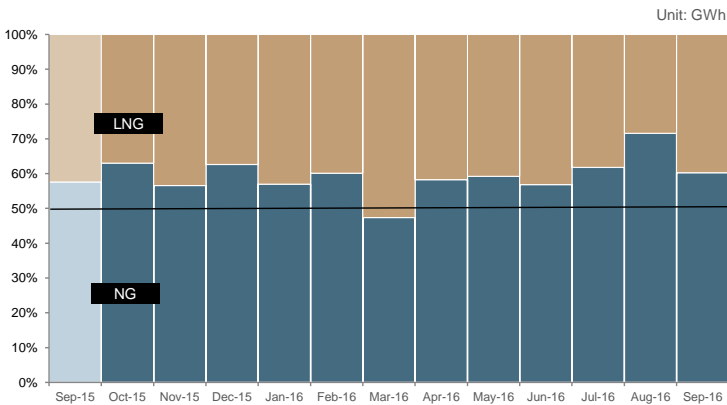
This month, net imports of natural gas experience a decrease of 3.0% to reach 24,648 GWh. In particular, LNG falls by 8.9% while those through pipeline rise 2.6%.

Net imports of natural gas to Spain down in September (-3.0% vs. sept-15)

In September, gas imports reach 28,774 GWh, decreasing 5.6% compared to September 2015, 39.7% of the total are those in liquid form. By geographical areas, it is worth mentioning the increase in imports from Central and South America (+38.2%) and Europe and Eurasia (+9.1%), by respective increases in Peru and Norway representing 6.1 % and 12.4% of total supplies. This month imports from Middle East and Africa are down (-66.1% and -4.2%, respectively). In the YTD, the main suppliers of natural gas to Spain are Algeria (58.5%), Nigeria (14.5%) and Norway (10.5%).

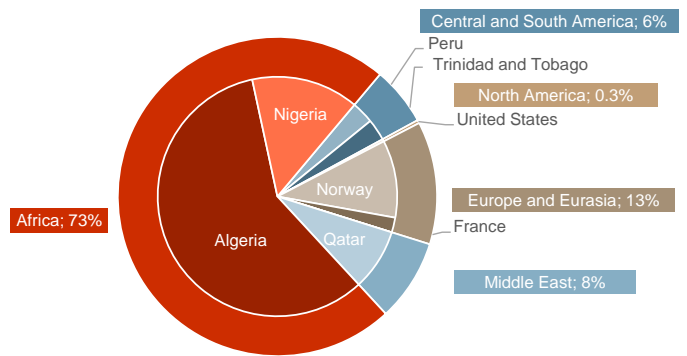
Exports stand at 4,126 GWh, 18.4% lower than in September 2015, descending both liquid (-85.2%) and by pipeline (-11.8%). In the YTD, exports fall by 21.9%, being the 94.9% by pipeline and LNG exports remaining 5.1%.

Import weight by type of supply



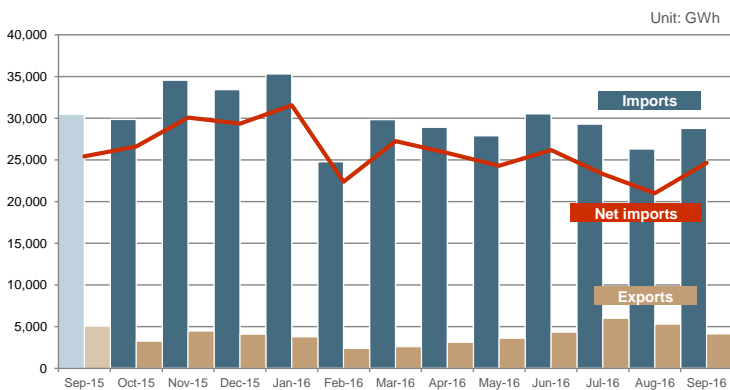
Source: Cores

Import distribution by geographical areas January-September 2016



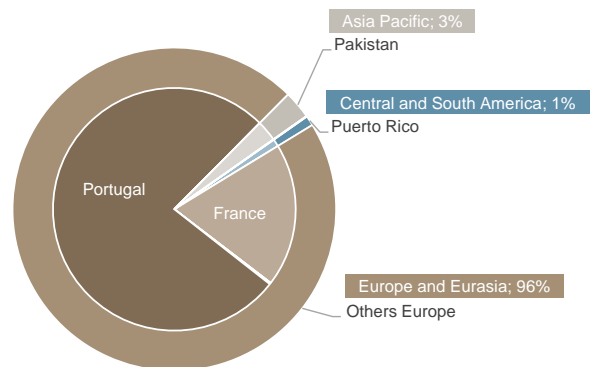
Source: Cores

Imports vs. exports



Source: Cores

Export distribution by geographical areas January-September 2016



Source: Cores

Net imports

	September 2016			Year-to-date		Rolling year		
	Net. imports	VR (%) (*)	Weight (%)	Net. imports	VR (%) (*)	Net. imports	VR (%) (*)	Weight (%)
TOTAL NET IMPORTS	24,648	-3.0	100.0	226,421	2.4	312,443	3.2	100.0
NG	13,285	2.6	53.9	120,770	-0.2	171,107	-0.5	54.8
LNG	11,362	-8.9	46.1	105,650	5.5	141,336	8.1	45.2
OECD	93	-111.6	0.4	-478	-69.6	-649	-139.1	-
Non-OECD	24,555	-6.3	99.6	226,899	1.9	313,092	4.0	-

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

	September 2016			Year-to-date		Rolling year		
	Imports	VR (%) (*)	Weight (%)	Imports	VR (%) (*)	Imports	VR (%) (*)	Weight (%)
Algeria	17,283	-1.6	60.1	153,037	-1.9	214,531	3.5	59.7
NG	14,040	-4.8	48.8	127,533	1.4	177,119	7.6	49.3
LNG	3,243	15.4	11.3	25,504	-15.5	37,413	-12.4	10.4
Nigeria	3,999	-14.1	13.9	37,925	22.7	50,338	19.8	14.0
Africa	21,282	-4.2	74.0	190,963	2.2	264,869	6.2	73.7
Peru	1,757	-	6.1	7,912	-12.3	9,687	-22.2	2.7
Trinidad and Tobago	612	-64.3	2.1	7,660	-24.8	10,232	-33.3	2.8
Central and South America	2,368	38.2	8.2	15,572	-18.9	19,919	-28.3	5.5
United States	-	-	-	846	-	846	-	0.2
North America	-	-	0.0	846	-	846	-	0.2
France	649	-41.1	2.3	5,236	-48.2	7,878	-44.7	2.2
NG	649	-41.1	2.3	5,236	-48.2	7,878	-44.7	2.2
LNG	-	-	-	1	-	1	-56.1	^
Norway	3,569	29.1	12.4	27,347	13.3	35,340	-3.7	9.8
NG	2,656	56.2	9.2	21,456	25.7	28,540	6.4	7.9
LNG	913	-14.2	3.2	5,891	-16.7	6,801	-31.3	1.9
Portugal NG	-	-	-	-	-	5	-	^
Europe and Eurasia	4,218	9.1	14.7	32,583	-4.9	43,223	-15.2	12.0
Oman	-	-	-	-	-100.0	-	-100.0	-
Qatar	905	-66.1	3.1	21,720	-13.4	30,656	-11.1	8.5
Middle East	905	-66.1	3.1	21,720	-16.6	30,656	-17.8	8.5
Total	28,774	-5.6	100.0	261,684	-1.7	359,512	-1.6	100.0
NG	17,345	-1.2	60.3	154,225	0.8	213,541	3.8	59.4
LNG	11,429	-11.5	39.7	107,459	-5.2	145,972	-8.6	40.6
OECD	4,218	9.1	14.7	33,429	-2.4	44,069	-13.5	12.3
Non-OECD	24,555	-7.7	85.3	228,255	-1.7	315,444	0.3	87.7

Source: Cores

Natural gas exports by country

Unit: GWh

	September 2016			Year-to-date		Rolling year		
	Exports	VR (%) (*)	Weight (%)	Exports	VR (%) (*)	Exports	VR (%) (*)	Weight (%)
Egypt	-	-	-	-	-100.0	-	-100.0	-
Africa	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-100.0	-	-100.0	-
North America	-	-	-	-	-100.0	-	-100.0	-
Argentina	-	-100.0	-	-	-100.0	-	-100.0	-
Brasil	-	-	-	-	-100.0	960.3	-46.1	2.0
Puerto Rico	-	-	-	350.5	-	350.5	-	0.7
Central and South America	-	-100.0	-	350.5	-87.9	1,310.9	-72.5	2.8
Andorra	0.6	-	^	1.2	-	1.2	-	^
Cyprus	-	-	-	-	-100.0	-	-100.0	-
Slovenia	-	-	-	0.6	-	0.6	-30.5	^
France	482.5	-59.3	11.7	6,741.9	19.8	6,958.9	23.0	14.8
NG	460.7	-60.5	11.2	6,497.7	19.6	6,650.8	22.4	14.1
LNG	21.7	8.9	0.5	244.2	25.6	308.1	37.5	0.7
Greece	-	-	-	-	-	-	-100.0	-
Italy	4.2	-46.4	0.1	55.8	-18.7	730.8	695.6	1.6
Macedonia	-	-	-	-	-100.0	-	-100.0	-
Portugal	3,637.8	4.7	88.2	27,099.4	2.0	35,943.0	26.2	76.4
NG	3,599.0	4.6	87.2	26,957.0	1.8	35,782.6	26.1	76.0
LNG	38.8	5.5	0.9	142.5	35.5	160.4	38.6	0.3
Switzerland	1.2	-1.2	^	8.9	25.1	12.1	51.9	^
Turkey	-	-	-	-	-	-	-100.0	-
Europe and Eurasia	4,126.2	-11.6	100.0	33,907.9	4.4	43,646.7	15.0	92.7
Kuwait	-	-	-	-	-100.0	-	-100.0	-
Middle East	-	-	-	-	-100.0	-	-100.0	-
South Korea	-	-	-	-	-100.0	-	-100.0	-
China	-	-	-	-	-	-	-100.0	-
India	-	-	-	-	-100.0	-	-100.0	-
Japan	-	-	-	-	-100.0	1,072.3	-83.1	2.3
Malaysia	-	-	-	-	-100.0	-	-100.0	-
Pakistan	-	-	-	985.4	-1.0	985.4	-1.0	2.1
Asia Pacific	-	-	-	985.4	-82.8	2,057.7	-87.2	4.4
Other outputs of the system (1)	-	-100.0	-	19.3	-88.2	53.9	-72.8	0.1
Total	4,126.2	-18.4	100.0	35,263.2	-21.9	47,069.2	-25.0	100.0
NG	4,059.7	-11.8	98.4	33,454.6	4.9	42,433.4	25.5	90.2
LNG	66.5	-85.2	1.6	1,808.5	-86.3	4,635.8	-84.0	9.8
OECD	4,125.6	-11.7	100.0	33,906.6	-5.3	44,717.8	-9.3	95.0
Non-OECD	0.6	-99.8	0.0	1,356.5	-85.4	2,351.4	-82.6	5.0

Source: Cores

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

(1) Gassing up operations of ships. Breakdown available since January 2014.

- 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.

Nota 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.