

Natural gas imports & exports in Spain by country

November 2018

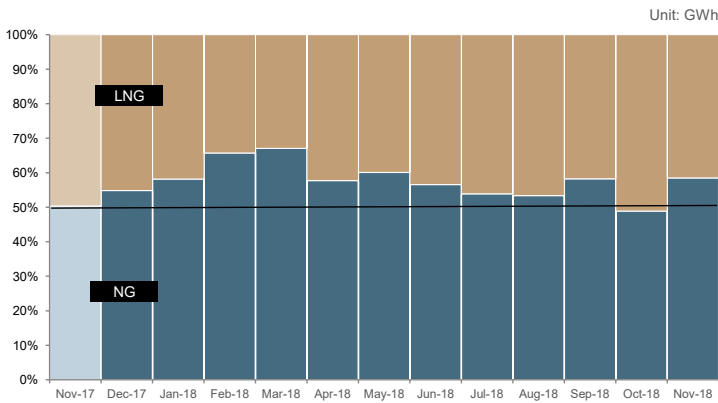
Natural gas net imports (31,598 GWh) experienced an interannual decrease of 12.1% vs. November 2017. Particularly, LNG imports diminished by 27.6% whilst those made through pipeline increased by 4.9%.

This month 32,888 GWh of natural gas were imported to Spain, 13.5% less than in November 2017. 58.5% was imported through pipeline, whilst the remaining 41.5% was in liquid form. In November, imports decreased from every geographical area, except for Europe and Eurasia (+49.6%), caused by the rise of the supplies from France (+132.0%) and the imports from Russia (1,092 GWh). Thus, imports diminished from Central and South America (-26.6%), Africa (-7.3%) and Middle East (-51.7%), where imports from Qatar (1,756 GWh) were the lowest of the year. In the year to date, main natural gas suppliers to Spain were Algeria (52.3%), Nigeria (11.6%), Qatar (9.9%) and Norway (9.0%).

Natural gas exports were placed at 1,290 GWh (-37.6% vs. November 2017), having been the lowest since February 2013. Only 3.8% of the exports were in liquid form to Andorra, France, Italy and Portugal. The rest was exported through pipeline split between Portugal and France (78.1% and 18.1% respectively of the total exported). In the year to date export rose by 17.4%, 84.4% through pipeline and the remaining 15.6% as LNG.

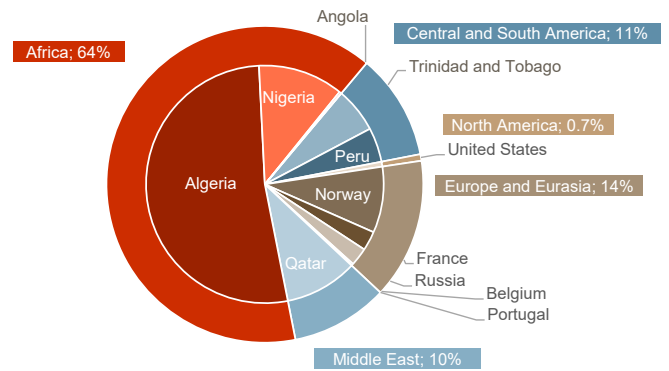
Decrease of natural gas net imports [-12.1% vs. November 2017]

Import weight by type of supply



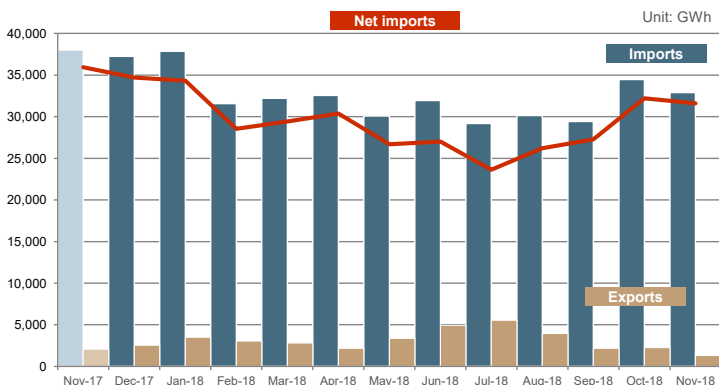
Source: Cores

Import distribution by geographical areas January - November 2018**



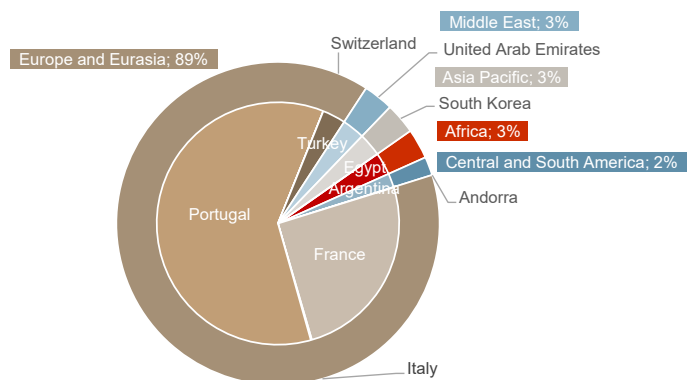
Source: Cores

Imports vs. exports



Source: Cores

Export distribution by geographical areas January - November 2018



Source: Cores

Net imports

	November 2018			Year-to-date		Rolling year		
	Net imports	VR (%) (*)	Weight (%)	Net imports	VR (%) (*)	Net imports	VR (%) (*)	Weight (%)
TOTAL NET IMPORTS	31,598	-12.1	100.0	317,250	-1.5	351,945	-2.0	100.0
NG	18,001	4.9	57.0	174,752	11.6	192,705	11.1	54.8
LNG	13,598	-27.6	43.0	142,498	-13.9	159,241	-14.2	45.2
OECD	3,629	-7.9	11.5	12,091	-58.9	15,207	-51.5	4.3
Non-OECD	27,969	-12.6	88.5	305,159	4.2	336,738	2.7	95.7

Source: Cores

(*) 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

	November 2018			Year-to-date		Rolling year		
	Imports	VR (%) (*)	Weight (%)	Imports	VR (%) (*)	Imports	VR (%) (*)	Weight (%)
Angola	-	-100.0	-	1,033	-66.8	1,033	-75.1	0.3
Algeria	15,324	-19.9	46.6	184,277	9.7	204,310	9.1	52.5
NG	14,332	-11.3	43.6	169,415	17.2	186,140	16.2	47.8
LNG	992	-66.7	3.0	14,863	-36.6	18,169	-32.6	4.7
Egypt	-	-	-	-	-100.0	-	-100.0	-
Nigeria	5,308	80.1	16.1	40,881	-14.3	42,736	-20.3	11.0
Africa	20,631	-7.3	62.7	226,192	2.9	248,079	0.8	63.7
Peru	1,941	-63.1	5.9	16,511	-52.5	21,222	-46.9	5.4
Trinidad and Tobago	2,559	194.5	7.8	21,676	320.1	21,676	320.1	5.6
Central and South America	4,500	-26.6	13.7	38,187	-4.4	42,898	-5.0	11.0
United States	-	-100.0	-	2,357	-68.7	3,374	-55.2	0.9
North America	-	-100.0	-	2,357	-68.7	3,374	-55.2	0.9
Belgium	-	-	-	896	-	896	-	0.2
NG	-	-	-	^	-	^	-	^
LNG	-	-	-	896	-	896	-	0.2
France	1,656	132.0	5.0	9,264	-35.7	10,408	-32.7	2.7
NG	1,656	132.0	5.0	8,777	-39.1	9,921	-35.9	2.5
LNG	-	-	-	487	-	487	-	0.1
Norway	3,242	-1.7	9.9	31,661	-9.9	35,132	-10.2	9.0
NG	3,242	43.1	9.9	26,041	0.2	28,593	-1.6	7.3
LNG	-	-100.0	-	5,620	-38.6	6,539	-35.1	1.7
Netherlands	-	-	-	-	-100.0	-	-100.0	-
Portugal	12	-	0.0	106	419.8	106	273.7	^
NG	12	-	0.0	106	-	106	362.8	^
LNG	-	-	-	1	-89.3	1	-89.3	^
Russia	1,092	-	3.3	8,668	-	8,668	-	2.225
Europe and Eurasia	6,001	49.6	18.2	50,596	-0.2	55,211	-1.0	14.2
Qatar	1,756	-51.7	5.3	34,960	2.9	39,967	6.4	10.3
Middle East	1,756	-51.7	5.3	34,960	2.9	39,967	6.4	10.3
Total	32,888	-13.5	100.0	352,292	^	389,528	-0.7	100.0
NG	19,241	0.5	58.5	204,339	10.5	224,760	9.8	57.7
LNG	13,647	-27.6	41.5	147,952	-11.5	164,768	-12.0	42.3
OECD	4,909	-17.8	14.9	44,285	-23.9	49,916	-21.1	12.8
Non-OECD	27,979	-12.6	85.1	308,007	4.8	339,612	3.3	87.2

Source: Cores

Natural gas exports by country

Unit: GWh

	November 2018			Year-to-date		Rolling year		
	Exports	VR (%) (*)	Weight (%)	Exports	VR (%) (*)	Exports	VR (%) (*)	Weight (%)
Egypt	-	-	-	1,054.1	-	1,054.1	-	2.8
Africa	-	-	-	1,054.1	-	1,054.1	-	2.8
Argentina	-	-	-	648.2	-	648.2	-	1.7
Central and South America	-	-	-	648.2	-	648.2	-	1.7
Andorra	2.0	38.7	0.2	18.6	14.9	22.5	18.6	0.1
France	270.9	205.1	21.0	8,843.4	605.1	8,887.7	593.6	23.6
NG	233.7	468.5	18.1	8,451.1	848.0	8,451.1	846.1	22.5
LNG	37.2	-22.0	2.9	392.4	8.1	436.6	12.5	1.2
Italy	2.5	-21.9	0.2	48.6	-3.0	50.9	-5.6	0.1
Macedonia	-	-	-	-	-100.0	-	-100.0	-
Portugal	1,006.8	-48.2	78.1	21,144.4	-23.0	23,613.1	-22.9	62.8
NG	1,006.5	-48.2	78.1	21,135.9	-22.8	23,604.7	-22.6	62.8
LNG	0.3	-0.6	^	8.4	-91.5	8.4	-91.7	^
Switzerland	-	-	-	1.7	-18.6	1.7	-43.2	^
Turkey	-	-	-	1,079.2	-	1,079.2	-	2.9
Europe and Eurasia	1,282.3	-37.1	99.4	31,135.9	8.1	33,655.2	5.3	89.5
United Arab Emirates	-	-	-	1,050.6	-	1,050.6	-	2.8
Middle East	-	-	-	1,050.6	-	1,050.6	-	2.8
South Korea	-	-	-	1,076.4	-	1,076.4	-	2.9
India	-	-	-	-	-100.0	-	-100.0	-
Asia Pacific	-	-	-	1,076.4	9.0	1,076.4	9.0	2.9
Other outputs of the system (1)	7.3	-75.1	0.6	76.3	14.3	98.0	46.9	0.3
Total	1,289.6	-37.6	100.0	35,041.6	17.4	37,582.6	13.8	100.0
NG	1,240.3	-37.5	96.2	29,587.0	4.7	32,055.8	2.1	85.3
LNG	49.3	-39.8	3.8	5,454.6	244.0	5,526.8	240.8	14.7
OECD	1,280.3	-37.1	99.3	32,193.7	11.9	34,709.1	8.7	92.4
Non-OECD	9.3	-69.6	0.7	2,847.9	165.8	2,873.5	167.5	7.6

Source: Cores

(*) 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

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.