

Natural gas imports & exports in Spain by country

December 2019

Natural gas net imports diminished (-14.3% vs. Dec 2018), having reached 32,276 GWh. Pipeline net imports decreased (-30.2%), whilst LNG rose (+1.3%). In 2019, natural gas net imports rose by 14.2% (405,237 GWh).

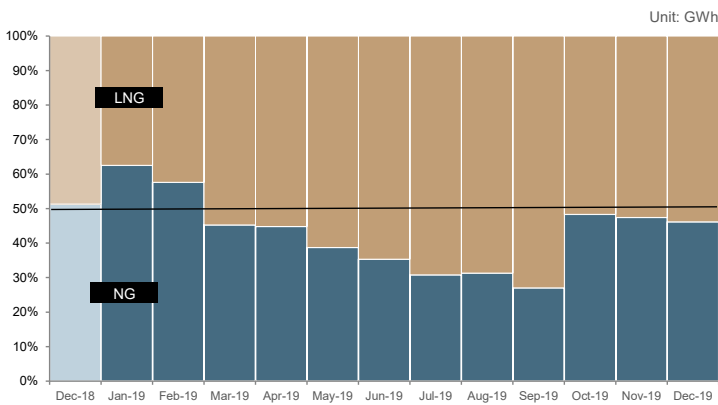
Natural gas imports decreased by 7.9% vs. December 2018 and stood at 36,063 GWh. 53.8% of the total was imported as LNG and the remaining 46.2% through pipeline.

By geographical area, natural gas imports from North America rose interannually (+418.8%), whilst those from Middle East (-0.6%), Africa (-5.6%), Europe and Eurasia (-31.7%) and Central and South America (-68.1%) decreased. The main natural gas supplier to Spain was Algeria (15,804 GWh; 43.8% of the total), followed by the U.S. (5,196 GWh; 14.4%). For the first time since October 2008, LNG was received from Equatorial Guinea (975 GWh). In 2019, natural gas imports (418,207 GWh) rose by 6.9% vs. 2018, the highest since 2008.

In December, natural gas exports registered the highest value of 2019 (3,787 GWh; +155.8%). Both, through pipeline (+156.0%) and LNG (151.9%) increased interannually. France is the main export destination (72.3% of the total), showing its historical maximum (2,736 GWh), followed by Portugal (914 GWh), that decreased by 23.3% vs. December 2018. Natural gas exports in 2019 stood at 13,070 GWh (-64.2% vs. 2018), the lowest since 2010.

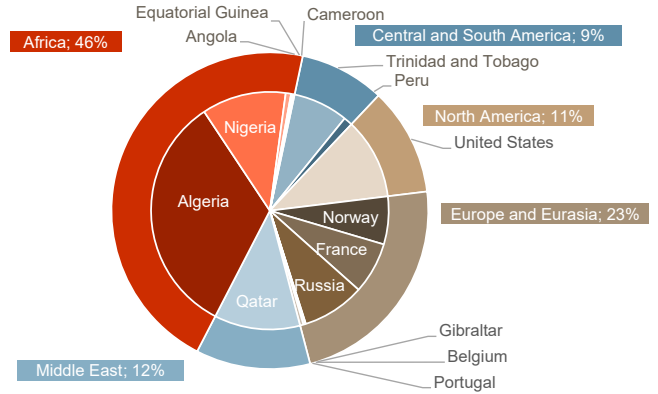
Increase of natural gas net imports in 2019 (+14.2% vs. 2018)

Import weight by type of supply



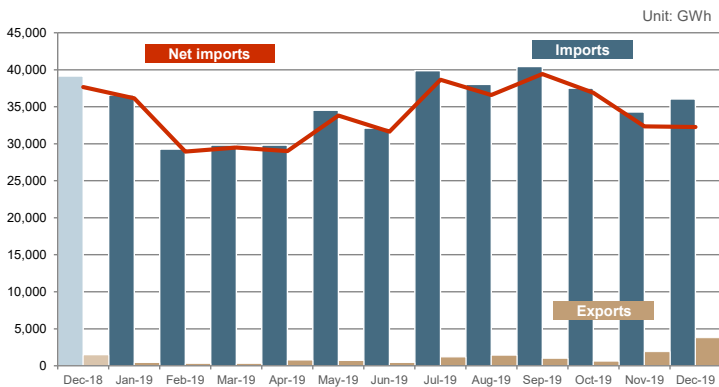
Source: Cores

Import distribution by geographical areas January-December 2019**



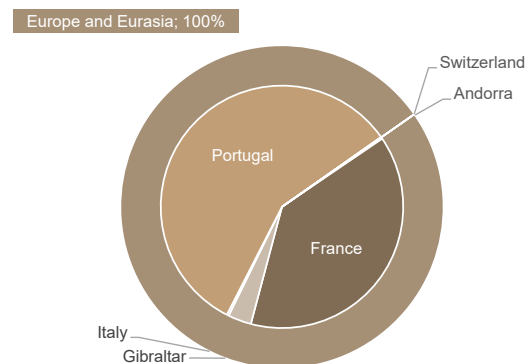
Source: Cores

Imports vs. exports



Source: Cores

Export distribution by geographical areas January-December 2019***



Source: Cores

Net imports

	December 2019			Year-to-date		Rolling year		
	Net imports	VR (%) (*)	Weight (%)	Net imports	VR (%) (*)	Net imports	VR (%) (*)	Weight (%)
TOTAL NET IMPORTS	32,276	-14.3	100.0	405,237	14.2	405,237	14.2	100.0
NG	13,045	-30.2	40.4	165,716	-14.3	165,716	-14.3	40.9
LNG	19,231	1.3	59.6	239,521	48.3	239,521	48.3	59.1
OECD	3,298	-44.2	10.2	93,466	419.4	93,466	419.4	23.1
Non-OECD	28,978	-8.8	89.8	311,771	-7.5	311,771	-7.5	76.9

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.

(***) Other outputs of the system not included.

Natural gas imports by country

Unit: GWh

	December 2019			Year-to-date		Rolling year		
	Imports	VR (%) (*)	Weight (%)	Imports	VR (%) (*)	Imports	VR (%) (*)	Weight (%)
Angola	-	-	-	3,051	195.3	3,051	195.3	0.7
Algeria	15,804	-5.2	43.8	138,395	-31.1	138,395	-31.1	33.1
NG	15,804	7.6	43.8	126,316	-31.4	126,316	-31.4	30.2
LNG	-	-100.0	-	12,078	-28.3	12,078	-28.3	2.9
Cameroon	-	-100.0	-	966	11.9	966	11.9	0.2
Equatorial Guinea	975	-	2.7	975	-	975	-	0.2
Nigeria	4,584	-9.9	12.7	47,943	4.3	47,943	4.3	11.5
Africa	21,363	-5.6	59.2	191,330	-23.1	191,330	-23.1	45.7
Peru	-	-100.0	-	5,004	-74.1	5,004	-74.1	1.2
Trinidad and Tobago	1,705	-33.5	4.7	31,410	29.6	31,410	29.6	7.5
Central and South America	1,705	-68.1	4.7	36,414	-16.4	36,414	-16.4	8.7
United States	5,196	418.8	14.4	46,126	1,273.5	46,126	1,273.5	11.0
North America	5,196	418.8	14.4	46,126	1,273.5	46,126	1,273.5	11.0
Belgium	-	-	-	1,049	17.0	1,049	17.0	0.3
NG	-	-	-	11	2,249.6	11	2,249.6	^
LNG	-	-	-	1,038	15.9	1,038	15.9	0.2
France	79	-96.4	0.2	29,323	156.0	29,323	156.0	7.0
NG	79	-96.4	0.2	29,323	167.3	29,323	167.3	7.0
LNG	-	-	-	-	-100.0	-	-100.0	-
Gibraltar	54	256.7	0.1	366	2,333.4	366	2,333.4	0.1
Norway	1,518	-63.4	4.2	27,251	-23.9	27,251	-23.9	6.5
NG	592	-81.5	1.6	19,877	-32.0	19,877	-32.0	4.8
LNG	926	-1.7	2.6	7,374	12.4	7,374	12.4	1.8
Portugal	179	-	0.5	1,936	1,719.2	1,936	1,719.2	0.5
NG	179	-	0.5	1,936	1,729.6	1,936	1,729.6	0.5
LNG	-	-	-	-	-100.0	-	-100.0	-
Russia	3,259	198.3	9.0	35,618	264.9	35,618	264.9	8.5
Europe and Eurasia	5,088	-31.7	14.1	95,543	64.6	95,543	64.6	22.8
Qatar	2,711	-0.6	7.5	48,894	29.7	48,894	29.7	11.7
Middle East	2,711	-0.6	7.5	48,894	29.7	48,894	29.7	11.7
Total	36,063	-7.9	100.0	418,307	6.9	418,307	6.9	100.0
NG	16,654	-17.1	46.2	177,463	-20.9	177,463	-20.9	42.4
LNG	19,409	1.8	53.8	240,844	44.2	240,844	44.2	57.6
OECD	7,026	-4.5	19.5	106,051	105.4	106,051	105.4	25.4
Non-OECD	29,037	-8.7	80.5	312,256	-8.1	312,256	-8.1	74.6

Source: Cores

Natural gas exports by country

Unit: GWh

	December 2019			Year-to-date		Rolling year		
	Exports	VR (%) (*)	Weight (%)	Exports	VR (%) (*)	Exports	VR (%) (*)	Weight (%)
Egypt	-	-	-	-	-100.0	-	-100.0	-
Africa	-	-	-	-	-100.0	-	-100.0	-
Argentina	-	-	-	-	-100.0	-	-100.0	-
Central and South America	-	-	-	-	-100.0	-	-100.0	-
Andorra	5.2	61.4	0.1	27.7	26.8	27.7	26.8	0.2
France	2,736.3	979.2	72.3	4,873.7	-46.4	4,873.7	-46.4	37.3
NG	2,695.0	1,135.4	71.2	4,489.4	-48.2	4,489.4	-48.2	34.3
LNG	41.2	16.5	1.1	384.3	-10.8	384.3	-10.8	2.9
Gibraltar	74.9	-	2.0	392.1	-	392.1	-	3.0
Italy	2.7	-14.6	0.1	33.7	-34.9	33.7	-34.9	0.3
Portugal	914.1	-23.3	24.1	7,279.4	-67.4	7,279.4	-67.4	55.7
NG	914.1	-23.3	24.1	7,258.0	-67.5	7,258.0	-67.5	55.5
LNG	-	-	-	21.4	153.7	21.4	153.7	0.2
Switzerland	-	-	-	5.7	231.0	5.7	231.0	^
Turkey	-	-	-	-	-100.0	-	-100.0	-
Europe and Eurasia	3,733.1	157.2	98.6	12,612.4	-61.3	12,612.4	-61.3	96.5
United Arab Emirates	-	-	-	-	-100.0	-	-100.0	-
Middle East	-	-	-	-	-100.0	-	-100.0	-
South Korea	-	-	-	-	-100.0	-	-100.0	-
Asia Pacific	-	-	-	-	-100.0	-	-100.0	-
Other outputs of the system (1)	53.6	86.4	1.4	457.5	335.5	457.5	335.5	3.5
Total	3,786.7	155.8	100.0	13,069.9	-64.2	13,069.9	-64.2	100.0
NG	3,609.1	156.0	95.3	11,747.4	-62.1	11,747.4	-62.1	89.9
LNG	177.6	151.9	4.7	1,322.4	-76.1	1,322.4	-76.1	10.1
OECD	3,727.9	157.4	98.4	12,584.6	-62.6	12,584.6	-62.6	96.3
Non-OECD	58.8	83.9	1.6	485.2	-83.2	485.2	-83.2	3.7

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.

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