

# Natural gas imports & exports in Spain by country

August 2016

This month, net imports of natural gas decrease by 11.2% from August 2015 to stand at 21,008 GWh. In particular, LNG descend further down than those through pipeline (-15.6% vs. 8.6% respectively).

LNG imports are at the minimum level since available data (7,474 GWh)

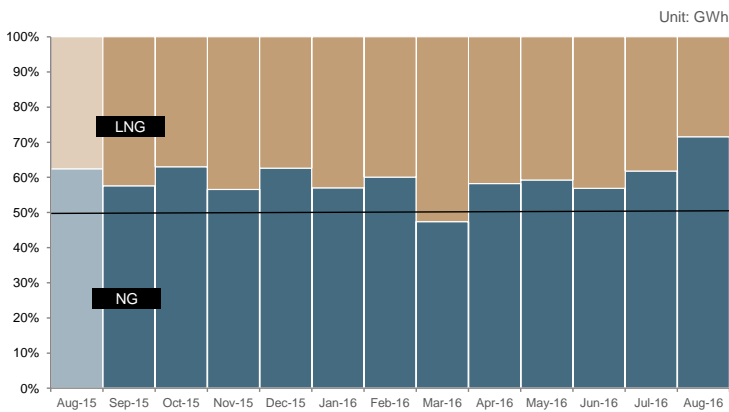
Gas imports reached in August, 26,315 GWh, 15.0% lower than August 2015. This month, LNG imports recorded the minimum level (7,474 GWh) since available data(2004), representing 28.4% of total imports. Geographically, only increase the imports from Europe and Eurasia (+ 1.7%) due to those imports from Norway (+ 62.4%), which offset the decline of those from France (-80.0%).

In the YTD, Africa is the main area of supply of natural gas (72.8%), 58.3% being imported from Algeria and 14.6% of Nigeria. The rest of the imports come from Europe and Euroasia (12.2%), Middle East (8.9%), Central and South America (5.7%) and North America (0.4%).

Exports experienced a fall of 27.4%, reaching 5,306 GWh, because LNG exports descended by 97.5% compared to August 2015.

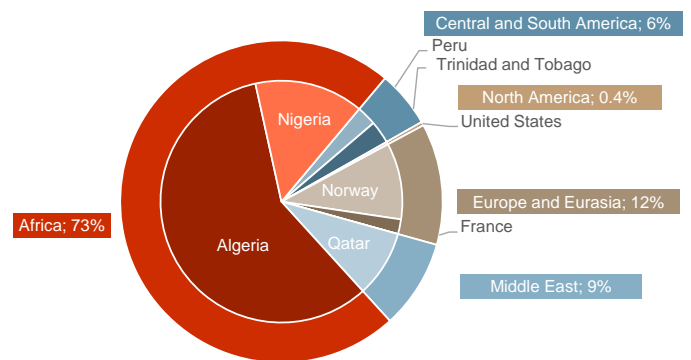
So far this year, exports of liquid natural gas (5.6% of total exports) accumulate a decrease of 86.4% compared to 2015.

Import weight by type of supply



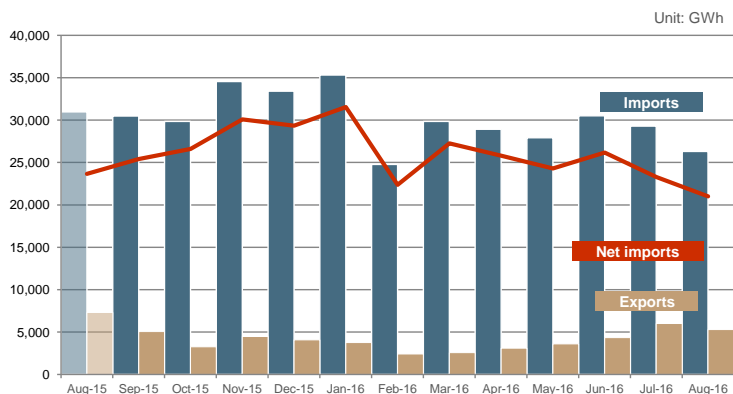
Source: Cores

Import distribution by geographical areas January-August 2016



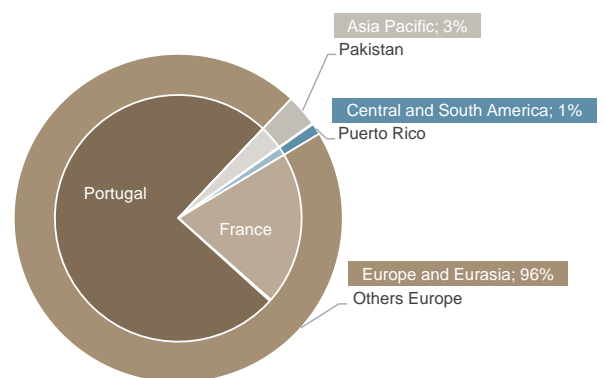
Source: Cores

Imports vs. exports



Source: Cores

Export distribution by geographical areas January-August 2016



Source: Cores

## Net imports

Unit: GWh

	August 2016			Year-to-date		Rolling year		
	Net. imports	VR (%) (*)	Weight (%)	Net. imports	VR (%) (*)	Net. imports	VR (%) (*)	Weight (%)
<b>TOTAL NET IMPORTS</b>	<b>21,008</b>	<b>-11.2</b>	<b>100.0</b>	<b>201,774</b>	<b>3.1</b>	<b>313,213</b>	<b>3.4</b>	<b>100.0</b>
NG	13,606	-8.6	64.8	107,485	-0.5	170,773	-2.6	54.5
LNG	7,402	-15.6	35.2	94,289	7.5	142,440	11.7	45.5
OECD	-2,362	24.1	-	-571	-26.0	-1,544	-122.9	-
Non-OECD	23,370	-8.6	-	202,344	2.9	314,757	6.3	-

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

	August 2016			Year-to-date			Rolling year		
	Imports	VR (%) (*)	Weight (%)	Imports	VR (%) (*)	Imports	VR (%) (*)	Weight (%)	
Algeria	17,649	-7.7	67.1	135,754	-1.9	214,813	3.6	59.5	
NG	16,240	-1.3	61.7	113,494	2.2	177,831	9.4	49.2	
LNG	1,409	-47.3	5.4	22,261	-18.6	36,981	-17.6	10.2	
Nigeria	3,784	-30.4	14.4	33,926	29.2	50,994	27.1	14.1	
<b>Africa</b>	<b>21,433</b>	<b>-12.7</b>	<b>81.4</b>	<b>169,681</b>	<b>3.1</b>	<b>265,806</b>	<b>7.4</b>	<b>73.6</b>	
Peru	-	-100.0	-	6,156	-31.8	7,930	-40.4	2.2	
Trinidad and Tobago	1,037	21.8	3.9	7,048	-16.8	11,333	-30.7	3.1	
<b>Central and South America</b>	<b>1,037</b>	<b>-39.9</b>	<b>3.9</b>	<b>13,204</b>	<b>-24.5</b>	<b>19,263</b>	<b>-35.1</b>	<b>5.3</b>	
United States	-	-	-	846	-	846	-	0.2	
<b>North America</b>	<b>-</b>	<b>-</b>	<b>0.0</b>	<b>846</b>	<b>-</b>	<b>846</b>	<b>-</b>	<b>0.2</b>	
France	247	-80.0	0.9	4,587	-49.1	8,331	-43.3	2.3	
NG	247	-80.0	0.9	4,587	-49.1	8,330	-43.3	2.3	
LNG	-	-	-	1	-	1	-56.1	^	
Norway	2,697	62.4	10.2	23,778	11.3	34,536	-10.1	9.6	
NG	2,353	41.7	8.9	18,799	22.4	27,584	-0.5	7.6	
LNG	343	-	1.3	4,978	-17.2	6,952	-35.0	1.9	
Portugal NG	-	-	-	-	-	5	-	^	
<b>Europe and Eurasia</b>	<b>2,944</b>	<b>1.7</b>	<b>11.2</b>	<b>28,365</b>	<b>-6.6</b>	<b>42,872</b>	<b>-19.3</b>	<b>11.9</b>	
Oman	-	-	-	-	-100.0	-	-100.0	-	
Qatar	900	-49.7	3.4	20,815	-7.1	32,422	-5.3	9.0	
<b>Middle East</b>	<b>900</b>	<b>-49.7</b>	<b>3.4</b>	<b>20,815</b>	<b>-11.0</b>	<b>32,422</b>	<b>-12.5</b>	<b>9.0</b>	
<b>Total</b>	<b>26,315</b>	<b>-15.0</b>	<b>100.0</b>	<b>232,910</b>	<b>-1.3</b>	<b>361,209</b>	<b>-1.7</b>	<b>100.0</b>	
NG	18,840	-2.6	71.6	136,880	1.1	213,751	4.3	59.2	
LNG	7,474	-35.7	28.4	96,030	-4.4	147,459	-9.2	40.8	
<b>OECD</b>	<b>2,944</b>	<b>1.7</b>	<b>11.2</b>	<b>29,210</b>	<b>-3.8</b>	<b>43,718</b>	<b>-17.7</b>	<b>12.1</b>	
<b>Non-OECD</b>	<b>23,371</b>	<b>-16.8</b>	<b>88.8</b>	<b>203,700</b>	<b>-0.9</b>	<b>317,492</b>	<b>1.0</b>	<b>87.9</b>	

Source: Cores

## Natural gas exports by country

Unit: GWh

	August 2016			Year-to-date			Rolling year		
	Exports	VR (%) (*)	Weight (%)	Exports	VR (%) (*)	Exports	VR (%) (*)	Weight (%)	
Egypt	-	-	-	-	-100.0	-	-100.0	-	
<b>Africa</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
Canada	-	-	-	-	-100.0	-	-100.0	-	
<b>North America</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-100.0</b>	<b>-</b>	<b>-100.0</b>	<b>-</b>	
Argentina	-	-100.0	-	-	-100.0	380.2	-89.5	0.8	
Brasil	-	-100.0	-	-	-100.0	960.3	-75.4	2.0	
Puerto Rico	-	-	-	350.5	-	350.5	-	0.7	
<b>Central and South America</b>	<b>-</b>	<b>-100.0</b>	<b>-</b>	<b>350.5</b>	<b>-86.1</b>	<b>1,691.1</b>	<b>-77.5</b>	<b>3.5</b>	
Andorra	0.3	-	^	0.3	-	0.3	-	^	
Cyprus	-	-	-	-	-100.0	-	-100.0	-	
Slovenia	0.3	-	^	0.6	-	0.6	-30.5	^	
France	1,296.6	16.1	24.4	6,259.4	40.9	7,661.3	70.4	16.0	
NG	1,278.6	15.8	24.1	6,036.9	41.5	7,355.0	71.7	15.3	
LNG	18.0	36.1	0.3	222.5	27.5	306.3	45.2	0.6	
Greece	-	-	-	-	-	-	-100.0	-	
Italy	2.1	-68.4	^	51.7	-15.2	734.4	695.0	1.5	
Macedonia	-	-	-	-	-100.0	-	-100.0	-	
Portugal	4,006.4	18.3	75.5	23,461.6	1.6	35,781.1	41.0	74.5	
NG	3,955.5	18.2	74.5	23,358.0	1.4	35,622.7	40.9	74.2	
LNG	50.9	29.7	1.0	103.6	51.7	158.4	51.7	0.3	
Switzerland	0.6	99.3	^	7.7	30.5	12.2	64.3	^	
Turkey	-	-	-	-	-	-	-100.0	-	
<b>Europe and Eurasia</b>	<b>5,306.4</b>	<b>17.6</b>	<b>100.0</b>	<b>29,781.3</b>	<b>7.1</b>	<b>44,189.9</b>	<b>31.3</b>	<b>92.1</b>	
Kuwait	-	-	-	-	-100.0	-	-100.0	-	
<b>Middle East</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-100.0</b>	<b>-</b>	<b>-100.0</b>	<b>-</b>	
South Korea	-	-	-	-	-100.0	-	-100.0	-	
China	-	-	-	-	-	-	-100.0	-	
India	-	-	-	-	-100.0	-	-100.0	-	
Japan	-	-100.0	-	-	-100.0	1,072.3	-83.1	2.2	
Malaysia	-	-	-	-	-100.0	-	-100.0	-	
Pakistan	-	-100.0	-	985.4	-1.0	985.4	-1.0	2.1	
<b>Asia Pacific</b>	<b>-</b>	<b>-100.0</b>	<b>-</b>	<b>985.4</b>	<b>-82.8</b>	<b>2,057.7</b>	<b>-88.7</b>	<b>4.3</b>	
Other outputs of the system (1)	-	-100.0	-	19.3	-87.9	58.0	-70.1	0.1	
<b>Total</b>	<b>5,306.4</b>	<b>-27.4</b>	<b>100.0</b>	<b>31,136.6</b>	<b>-22.3</b>	<b>47,996.7</b>	<b>-25.6</b>	<b>100.0</b>	
NG	5,234.1	17.6	98.6	29,394.9	7.7	42,977.8	45.4	89.5	
LNG	72.3	-97.5	1.4	1,741.7	-86.4	5,018.9	-85.6	10.5	
<b>OECD</b>	<b>5,306.1</b>	<b>10.6</b>	<b>100.0</b>	<b>29,781.0</b>	<b>-4.4</b>	<b>45,261.9</b>	<b>-2.4</b>	<b>94.3</b>	
<b>Non-OECD</b>	<b>0.3</b>	<b>-100.0</b>	<b>0.0</b>	<b>1,355.6</b>	<b>-84.8</b>	<b>2,734.8</b>	<b>-84.9</b>	<b>5.7</b>	

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.

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.