



## **Demand for natural gas in Spain set a new all-time record for a second consecutive day yesterday, 13 December, of 1,803 GWh.**

- **The ceiling of 1,800 GWh/day has been broken for the first time ever.**
- **Demand for natural gas as a source of electricity generation also set a new record of 726 GWh**

Demand for natural gas in Spain set a new all-time record for a second consecutive day yesterday, 13 December, of 1,803 GWh. This was 9% higher than last winter's consumption record of 1,662 GWh set on 30 January.

The ceiling of 1,800 GWh/day, the equivalent to two large methane tankers (more than 260,000 m<sup>3</sup> of LNG), was broken yesterday for the first time ever.

Meanwhile, yesterday's record marks an increase of 5% on the last record set on 12 December when demand for natural gas peaked at 1,716 GWh.

Of total demand for natural gas, 726 GWh went to the electricity market, also marking an all-time record in terms of demand for electricity generation purposes.

Yesterday's peak was mainly caused by the strong demand for gas to generate electricity. Furthermore, the low temperatures recorded in the last few days have triggered an increase in domestic demand.

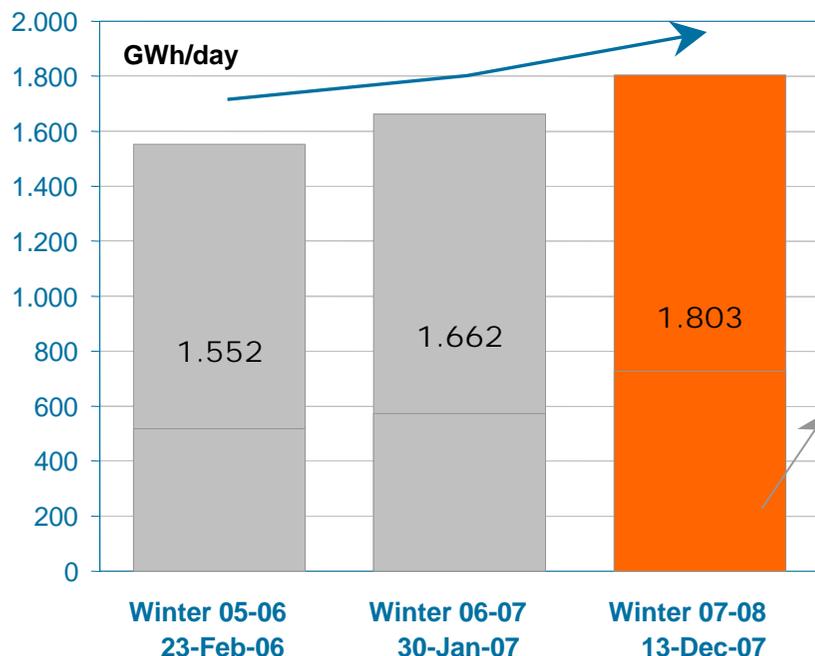
### **Note:**

We attach

- A chart showing demand figures and comparisons with previous records.
- Additional data concerning the operation of the gas network on 13 December.
- Demand for natural gas recorded on 13 December broken down by the fastest growing regions of Spain.

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# RECORD winter demand: 13-Dec-07



GWh/day	Winter 05-06	Winter 06-07	Winter 07-08	
	23-Feb-06	30-Jan-07	In course 13-Dec-07	% exc. Previous winter
<b>Conventional</b>	<b>1.034</b>	<b>1.089</b>	<b>1.078</b>	<b>-1%</b>
Gas emissions	989	1.040	1.032	-1%
LNG tanks	45	49	46	-6%
<b>Electric sector</b>	<b>518</b>	<b>573</b>	<b>726</b>	<b>+27%</b>
Thermal power plants	25	24	27	+11%
ccgt	493	549	699	+27%
n° ccgt	31	39	53	
<b>Total market</b>	<b>1.552</b>	<b>1.662</b>	<b>1.803</b>	<b>+9%</b>

- The ceiling of 1,800 GWh/day, the equivalent to 2 large tankers, has been broken for the first time.
- This was caused by a combination of cold (not extreme) weather which boosted domestic demand (1,078 GWh), and a period of low rainfall, the unavailability of a nuclear group and low wind generation capacity, leading to record demand for gas for electricity generation, 726 GWh.

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- The gas system is operating as normal, with all pressures above the minimum guaranteed by system technical management regulations:
  - 1) Start up of the compression station in Córdoba
  - 2) Maximum transport on the Ruta de la Plata
  - 3) Maximum extraction from underground storage facilities
  - 4) Additional entries via Tuy to boost coverage in the north east
  - 5) High output at all regasification plants

- Murcia stands out due to the strong growth, +39%, compared to last winter's record, with the strongest increase in demand from CCGTs in the area: +39 GWh.
- Demand grew 39% in Valencia, with an increase of 60 GWh delivered to CCGTs in the area.
- Madrid has not suffered from extreme cold weather and demand surpassed last winter's record by 1%.
- Gas for the electricity sector in Catalonia grew 24 GWh, while conventional demand slowed.
- Consumption in the Basque Country fell 4% due to lower cycle utilisation vs. the previous record.
- Each shutdown of the three 3 CCGTs in Galicia drove a 4% increase in demand.

# RECORD winter demand: 13-Dec-07

## Fastest growing regions



CCGTs in operation/test phase



Winter 06-07

30-Jan-07 2,2 GWh/day

Winter 07-08

13-Dec-07 3,8 GWh/day (+71 %)  
% of (Total) 0,2 %



Winter 06-07

30-Jan-07 105,5 GWh/day

Winter 07-08

13-Dec-07 146,2 GWh/day (+39 %)  
% of (Total) 8 %



Winter 06-07

30-Jan-07 159,2 GWh/day

Winter 07-08

13-Dec-07 219,7 GWh/day (+38 %)  
% of (Total) 12 %



Winter 06-07

30-Jan-07 54,5 GWh/day

Winter 07-08

13-Dec-07 66,4 GWh/day (+22 %)  
% of (Total) 3,7 %



Winter 06-07

30-Jan-07 76,6 GWh/day

Winter 07-08

13-Dec-07 87,5 GWh/day (+14 %)  
% of (Total) 5 %



Winter 06-07

30-Jan-07 88,2 GWh/day

Winter 07-08

13-Dec-07 99,6 GWh/day (+13 %)  
% of (Total) 6 %

# RECORD winter demand: 13-Dec-07

## Other regions



CCGTs in operation/test phase



Winter 06-07

30-Jan-07 48,7 GWh/day

Winter 07-08

13-Dec-07 35,7 GWh/day (-27 %)  
% of (Total) 2,0 %



Winter 06-07

30-Jan-07 266,3 GWh/day

Winter 07-08

13-Dec-07 285,8 GWh/day (+7 %)  
% of (Total) 16 %



Winter 06-07

30-Jan-07 89,9 GWh/day

Winter 07-08

13-Dec-07 96,0 GWh/day (+7 %)  
% of (Total) 5 %



Winter 06-07

30-Jan-07 147,1 GWh/day

Winter 07-08

13-Dec-07 148,3 GWh/day (+1 %)  
% of (Total) 8 %



Winter 06-07

30-Jan-07 189,3 GWh/day

Winter 07-08

13-Dec-07 180,9 GWh/day (-4 %)  
% of (Total) 10 %



Winter 06-07

30-Jan-07 22,2 GWh/day

Winter 07-08

13-Dec-07 20,9 GWh/day (-6 %)  
% of (Total) 1,2 %

# RECORD winter demand: 13-Dec-07

## Other regions



CCGTs in operation/test phase



CANTABRIA

Winter 06-07

30-Jan-07 26,5 GWh/day

Winter 07-08

13-Dec-07 20,5 GWh/day (-23 %)  
% of (Total) 1,1 %



GALICIA

Winter 06-07

30-Jan-07 26,5 GWh/day

Winter 07-08

13-Dec-07 27,6 GWh/day (+4 %)  
% of (Total) 1,5 %



CATALUÑA

Winter 06-07

30-Jan-07 358,8 GWh/day

Winter 07-08

13-Dec-07 364,6 GWh/day (+2 %)  
% of (Total) 20 %