

# Operation Note n°1/2023 - 20.01.2023



## **EXCEPTIONAL OPERATING SITUATION – ZERO LEVEL – COLD SNAP**

The current weather forecast of the State Meteorological Agency shows a temperature drop, falling into a **Cold Snap from 22nd to 26th January 2023**, according to the criteria defined by the Winter Plan Action for the operation of the gas system of September 26th, 2021.

These low temperatures forecast generates an **extraordinary increase of 571 GWh with regard to the demand forecast under standard conditions between January 22nd and 26th**. The current level of stock in LNG tanks (16.3 TWh, equivalent to 72% of its capacity) and underground storages (32.9 TWh, equivalent to 93% of its capacity) enables the extra demand coverage and guarantees the security of supply of the gas system.

*Based on the expected in the Winter Plan Action for the operation of the gas system, it stated:*

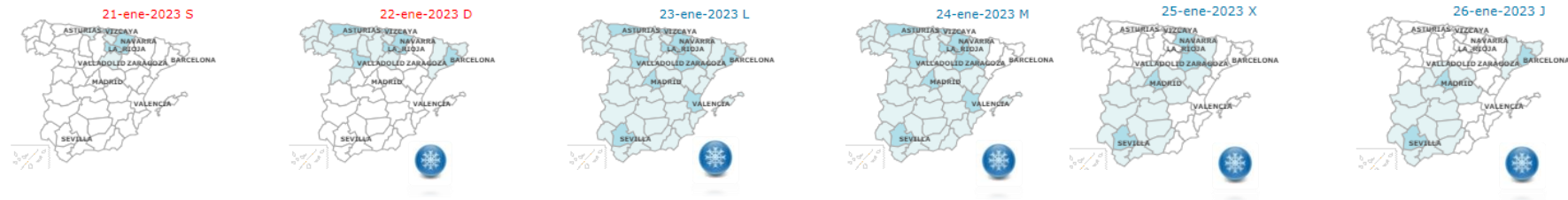
**EXCEPTIONAL OPERATING SITUATION – ZERO LEVEL – COLD SNAP from January 22nd, 2023 at 6am until further notice.**

\*Cold Snap definition according to established by the 26th September 2021 resolution, from the Dirección General de Política Energética y Minas, por la que se aprueba el Plan de actuación invernal para la operación del sistema gasista: period in which the gas system temperatura is below the fluctuation range for at least three consecutive days or Protección Civil declares warning for expected meteorological phenomenon as rain, wind, ice, snow, or others.

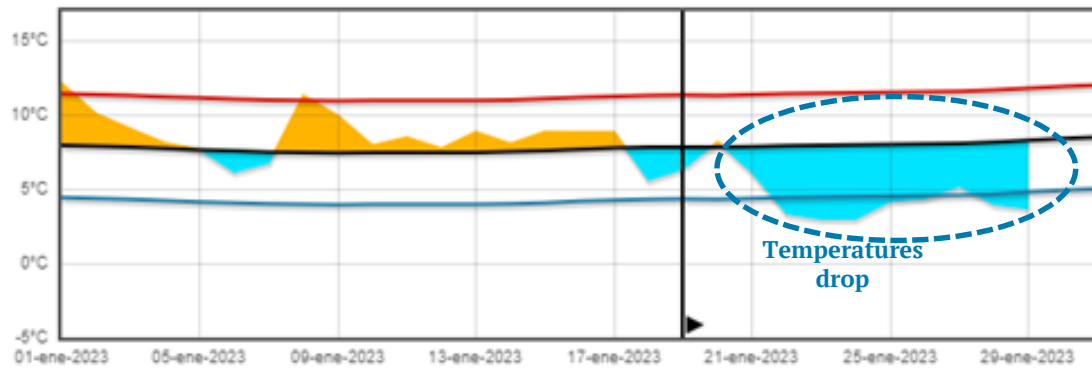
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## EXCEPTIONAL OPERATING SITUATION – ZERO LEVEL – COLD SNAP

### Gas System temperatures



### Referencia convencional demanda total



Temperatura Superior a la Normal

Temperatura Inferior a la Normal



Temperatures below its fluctuation range

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## EXCEPTIONAL OPERATING SITUATION – ZERO LEVEL – COLD SNAP

The **extraordinary increase** expected with regard to the demand forecast under standard conditions is **571 GWh** between January 22nd and 26th, period of maximum confidence of weather forecasts.

### Δ extra demand with regard initial forecast

	PREV			PREV			PREV			PREV			PREV		
	22-ene-23		Δ Demanda GWh/d	23-ene-23		Δ Demanda GWh/d	24-ene-23		Δ Demanda GWh/d	25-ene-23		Δ Demanda GWh/d	26-ene-23		Δ Demanda GWh/d
	Demanda Prev (GWh/dia)	Demanda día normal (GWh/dia)		Demanda Prev (GWh/dia)	Demanda día normal (GWh/dia)		Demanda Prev (GWh/dia)	Demanda día normal (GWh/dia)		Demanda Prev (GWh/dia)	Demanda día normal (GWh/dia)		Demanda Prev (GWh/dia)	Demanda día normal (GWh/dia)	
Demanda Convencional Gas de Emisión	769	707	62	929	786	142	920	791	129	913	789	124	896	782	114
Cisternas	15	15		47	47		46	46		45	45		45	45	
<b>Total Demanda Convencional</b>	<b>785</b>	<b>723</b>		<b>976</b>	<b>833</b>		<b>966</b>	<b>837</b>		<b>957</b>	<b>833</b>		<b>942</b>	<b>828</b>	