

Operation Note n°1/2023 - 20.01.2023 (Continuation 1)



EXCEPTIONAL OPERATING SITUATION – ZERO LEVEL – COLD SNAP

As a continuation of the Operation Note 01/2023, and considering the current forecast of the State Meteorological Agency, the Cold Snap period started on January 22nd 2022 is extended until January 30th 2023, according to the criterio defined in the Action Plan Winter for Operation of the gas system of september 26th 2021

This low temperature forecast generates an **extraordinary increase of 970 GWh with regard to the demand real/forecast under standard conditions between January 22nd and 30th. The current level of stock in LNG tanks (15.7 TWh, equivalent to 69% of its capacity) and underground storages (32.4 TWh, equivalent to 92% of its capacity) enables the extra demand coverage and guarantees the security of supply of the gas system.**

For this reason, the **EXCEPTIONAL OPERATING SITUATION – ZERO LEVEL – COLD SNAP started on January 22nd 2023 at 6am, is maintained 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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Gas System temperatures

26-ene-2023 J



27-ene-2023 V



28-ene-2023 S



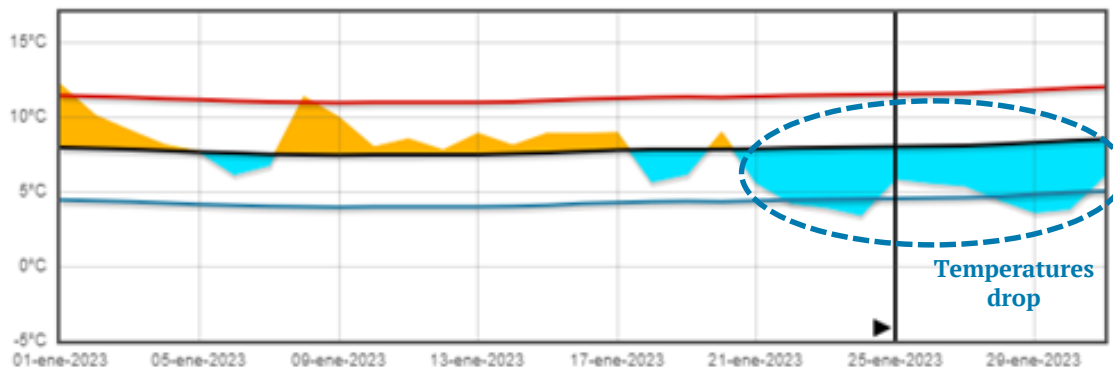
29-ene-2023 D



30-ene-2023 L



Referencia convencional demanda total



Temperatura Superior a la Normal

Temperatura Inferior a la Normal

Temperatures drop



Temperatures below its fluctuation range

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The **extraordinary increase** expected with regard to the demand forecast under standard conditions is **970 GWh** between January 22nd and 30th.

Δ extra demand with regard initial forecast

	REAL 22-ene-23			REAL 23-ene-23			REAL 24-ene-23			REAL 25-ene-23		
	Demanda Real (GWh/dia)	Demanda día normal (GWh/dia)	Δ Demanda GWh/d	Demanda Real (GWh/dia)	Demanda día normal (GWh/dia)	Δ Demanda GWh/d	Demanda Real (GWh/dia)	Demanda día normal (GWh/dia)	Δ Demanda GWh/d	Demanda Real (GWh/dia)	Demanda día normal (GWh/dia)	Δ Demanda GWh/d
	Demanda Convencional Gas de Emisión	743	707	39	892	786	102	930	791	136	906	789
Cisternas	19	15		43	47		43	46		42	45	
Total Demanda Convencional	762	723		936	833		973	837		948	833	

	PREV 26-ene-23			PREV 27-ene-23			PREV 28-ene-23			PREV 29-ene-23			PREV 30-ene-23		
	Demanda Prev (GWh/dia)	Demanda día normal (GWh/dia)	Δ Demanda GWh/d	Demanda Prev (GWh/dia)	Demanda día normal (GWh/dia)	Δ Demanda GWh/d	Demanda Prev (GWh/dia)	Demanda día normal (GWh/dia)	Δ Demanda GWh/d	Demanda Prev (GWh/dia)	Demanda día normal (GWh/dia)	Δ Demanda GWh/d	Demanda Prev (GWh/dia)	Demanda día normal (GWh/dia)	Δ Demanda GWh/d
	Demanda Convencional Gas de Emisión	900	782	118	883	769	114	790	699	91	794	695	99	928	774
Cisternas	45	45		39	39		15	15		15	15		46	46	
Total Demanda Convencional	946	828		922	808		805	714		809	710		975	820	