

# Statistical bulletin

January 2024

**PRELIMINARY**

Technical Management of the System

[GTS\\_DEMANDA@enagas.es](mailto:GTS_DEMANDA@enagas.es)

February-24





## 1. Evolution of gas demand

1. Conventional demand
2. Power generation
3. CCAA

## 2. Demand coverage

1. Origin of supplies
2. Interconnection Points

## 3. Renewable gases

## 4. TVB activity

## 5. Regasification Plants activity

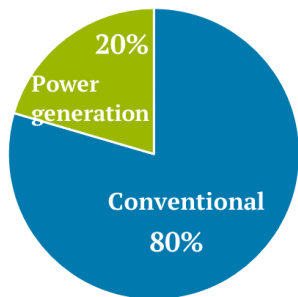
## 6. Underground Storage activity

## 7. Operating notes and other relevant facts

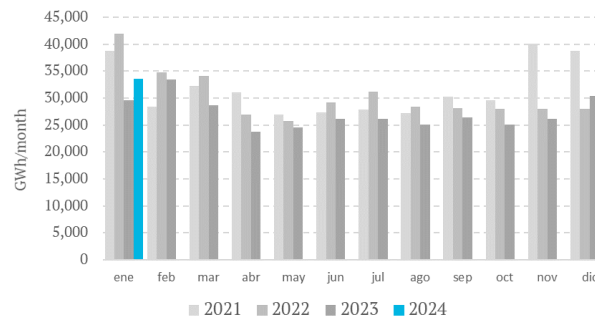
# 1. Evolution of gas demand

GWh	Monthly accumulated		Annual accumulated		Moving Annual Total	
	Jan-2024	%Δ s/2023	Jan- 2024	%Δ s/2023	MAT: Feb 2023-Jan 2024	%Δ MAT vs 2023
<b>National Market demand</b>	<b>33,606</b>	<b>13.3%</b>	<b>33,606</b>	<b>13.3%</b>	<b>329,479</b>	<b>1.2%</b>
Conventional	26,726	11.9%	26,726	11.9%	232,677	1.2%
Power generation	6,880	18.8%	6,880	18.8%	96,802	1.1%
<b>International Market demand</b>	<b>2,960</b>	<b>-63.3%</b>	<b>2,960</b>	<b>-63.3%</b>	<b>70,164</b>	<b>-6.8%</b>
International connections exports	2,036	-51.0%	2,036	-51.0%	51,207	-4.0%
LNG Vessel loading	924	-76.3%	924	-76.3%	18,957	-13.6%
<b>TOTAL</b>	<b>36,566</b>	<b>-3.1%</b>	<b>36,566</b>	<b>-3.1%</b>	<b>399,643</b>	<b>-0.3%</b>

National market demand January 2024

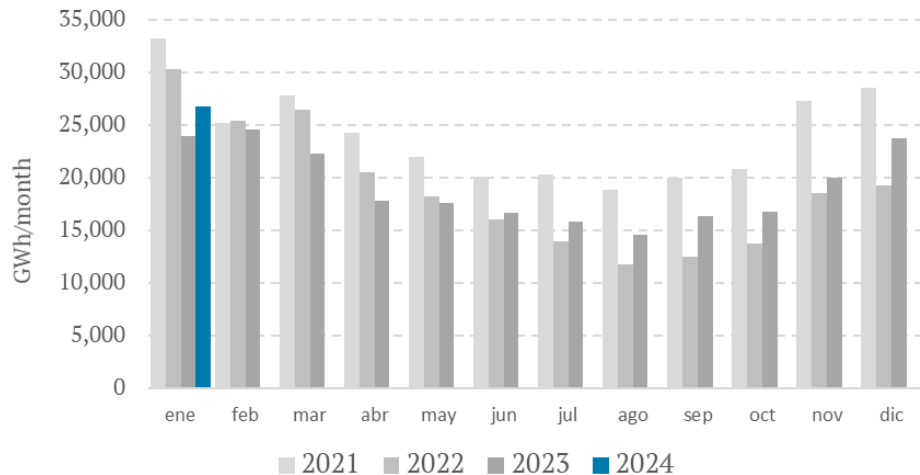


Total Demand

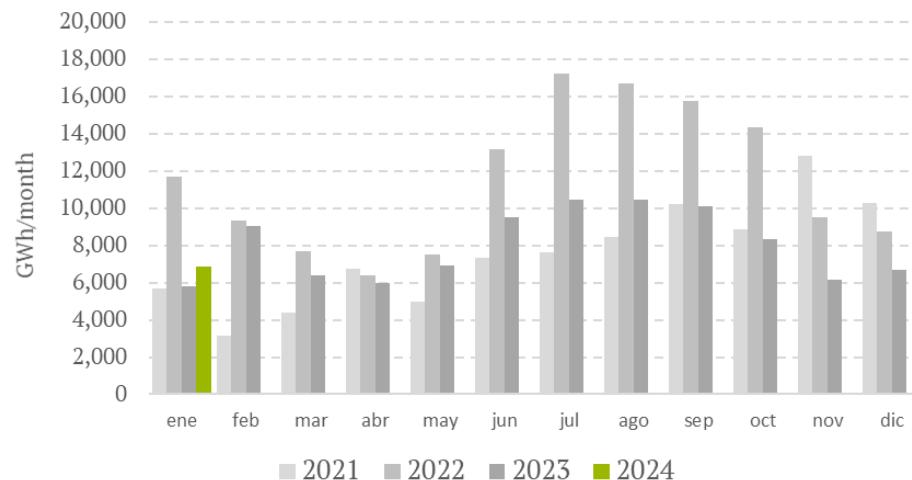


# 1. Evolution of gas demand

## Final Demand



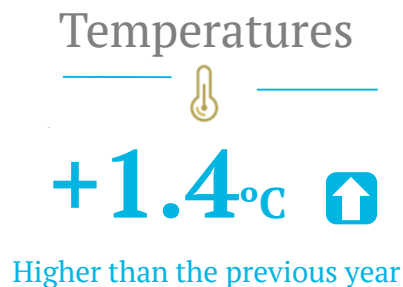
## Demand for Power generation



# 1.1 Evolution of gas demand. Conventional

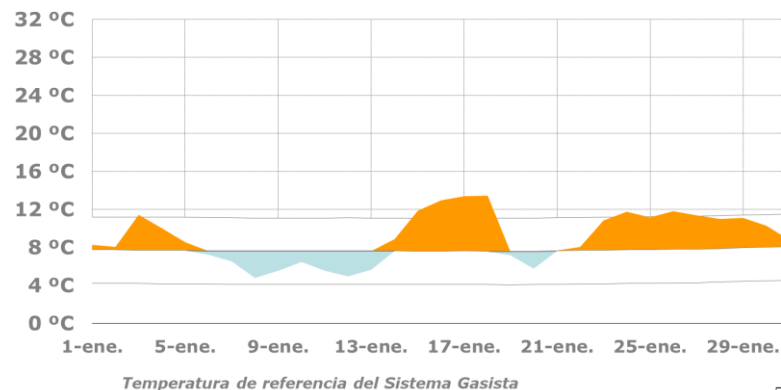


Higher than the previous year



	Conventional demand		Accumulated		MAT	
	Jan 2024 (*)		Jan 2024		Jan24-Feb23	
Demand	GWh	%23 s/ 22	GWh	%23 s/ 22	GWh	% TAM s/23
	26,726	11.9%	26,726	11.9%	232,677	1.2%
Calendar		2.4%		2.4%		0.2%
Temperature		-4.8%		-4.8%		-0.5%
Amended demand		14.3%		14.3%		1.5%

\* The sum of the correction factors is equal to % of total demand  
 Period without significant temperature effects



# 1.2 Power generation– electricity generation mix

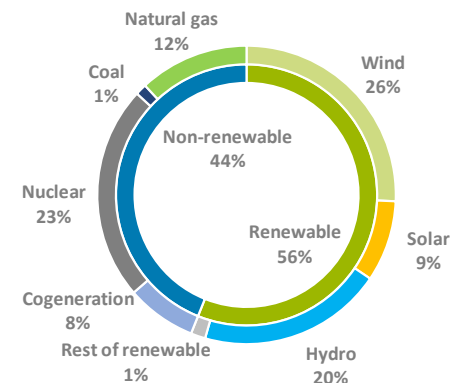
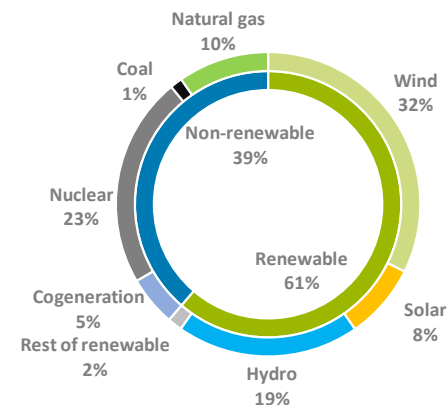
TWh (e)	2023 January 1 <sup>st</sup> to 31 <sup>st</sup>	2024 January 1 <sup>st</sup> to 31 <sup>st</sup>	Δ 2024 vs 2023	% Δ 2024 vs 2023
<b>Power generation</b>	<b>20.8</b>	<b>20.9</b>	<b>0.2</b>	<b>0.8%</b>
<b>Wind</b>	<b>7.3</b>	<b>5.7</b>	<b>-1.6</b>	<b>-22.2%</b>
use of installed capacity [GW]	29.6	30.1	0.5	1.6%
% utilization of total installed	33%	25%		
<b>Solar</b>	<b>1.8</b>	<b>2.0</b>	<b>0.1</b>	<b>7.1%</b>
use of installed capacity [GW]	22.1	26.6	4.6	20.7%
% utilization of total installed	11%	10%		
<b>Hydro</b>	<b>4.4</b>	<b>4.4</b>	<b>0.0</b>	<b>0.9%</b>
<b>Rest of renewable</b>	<b>0.4</b>	<b>0.4</b>	<b>0.0</b>	<b>0.0%</b>
<b>Cogeneration</b>	<b>1.2</b>	<b>1.7</b>	<b>0.5</b>	<b>39.5%</b>
<b>Nuclear</b>	<b>5.1</b>	<b>5.2</b>	<b>0.1</b>	<b>1.4%</b>
<b>Coal</b>	<b>0.3</b>	<b>0.3</b>	<b>0.0</b>	<b>-8.7%</b>
<b>Natural gas</b>	<b>2.2</b>	<b>2.6</b>	<b>0.4</b>	<b>20.5%</b>
<b>International exchanges</b>	<b>-0.9</b>	<b>-0.4</b>	<b>0.4</b>	<b>-49.6%</b>
exportacion	exportacion			
France	-0.9	-0.2	0.8	
Portugal	0.2	-0.2	-0.4	
Morocco	-0.1	0.0	0.1	

Amended demand  
in terms of  
working days and  
temperatures

0.9%

**2023**  
**Gas demand for**  
**Power Generation**  
**5.8 TWh (g)**

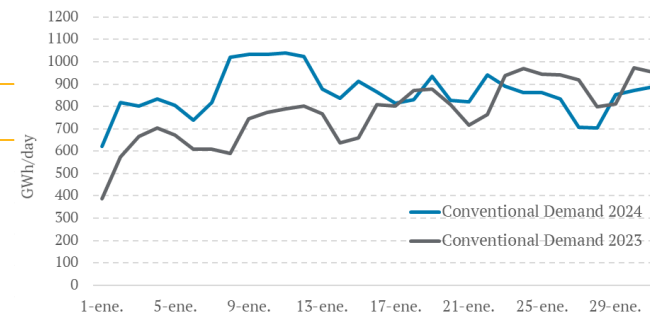
**2024**  
**Gas demand for**  
**Power Generation**  
**6.9 TWh (g)**



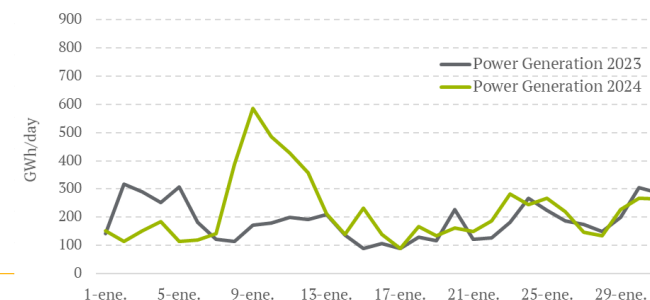
# 1.3 Evolution of CCAA gas demand

GWh	CONVENTIONAL DEMAND (without LNG trucks)		POWER GENERATION		LNG trucks	
	Jan-2024	%Δ vs Jan 2023	Jan-2024	%Δ vs Jan 2023	Jan-2024	%Δ vs Jan 2023
Andalucía	2,820	36.8%	1,464	44.3%	239	29.3%
Aragón	1,545	9.7%	266	337.8%	50	2.6%
Asturias	648	11.5%	267	-17.4%	30	78.2%
Baleares	102	-7.1%	656	3.9%	4	4.5%
Cantabria	400	19.4%	0	0.0%	44	945.1%
Castilla - La Mancha	1,279	26.4%	319	0.4%	77	4.7%
Castilla y León	2,161	5.8%	0	0.0%	75	10.5%
Cataluña	5,123	6.6%	872	9.4%	135	-14.4%
Comunidad Valenciana	2,096	1.2%	559	75.6%	113	24.2%
Extremadura	200	-10.2%	0	0.0%	49	35.9%
Galicia	1,051	20.5%	471	-31.8%	64	24.5%
La Rioja	316	0.4%	291	2.3%	9	0.2%
Madrid	3,640	-6.4%	0	0.0%	135	177.2%
Murcia	1,382	100.9%	660	-11.4%	65	9.5%
Navarra	729	6.7%	520	248.9%	15	-7.3%
País Vasco	2,088	12.8%	533	18.4%	20	-51.8%

### Daily evolution Conventional Demand



### Daily evolution Power Generation



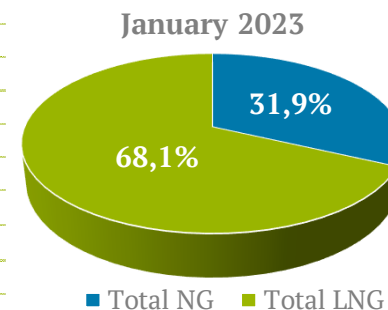
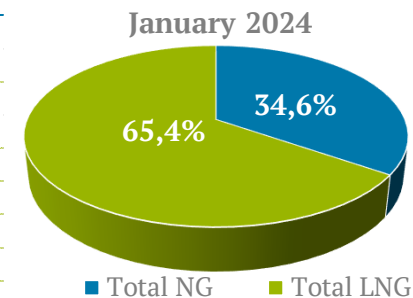


1. Evolution of gas demand
  1. Conventional demand
  2. Power generation
  3. CCAA
2. **Demand coverage**
  1. **Origin of supplies**
  2. **Interconnection Points**
3. Renewable gases
4. TVB activity
5. Regasification Plants activity
6. Underground Storage activity
7. Operating notes and other relevant facts

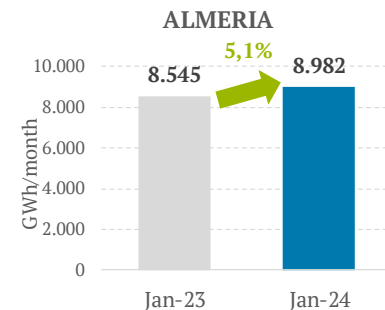
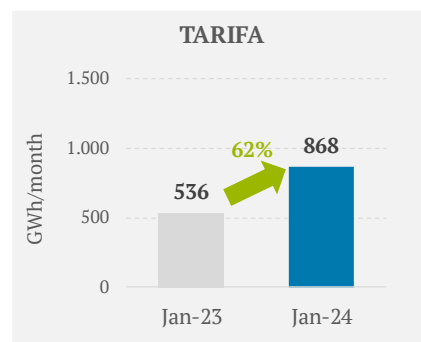
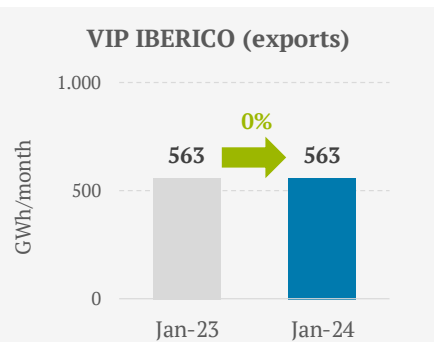
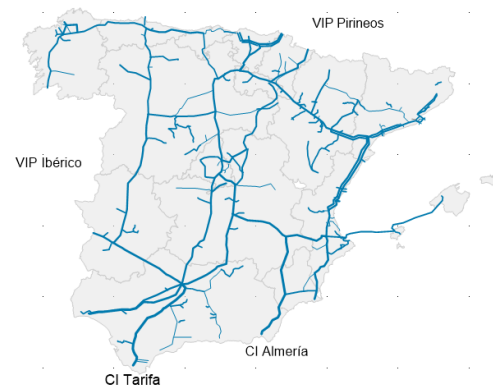
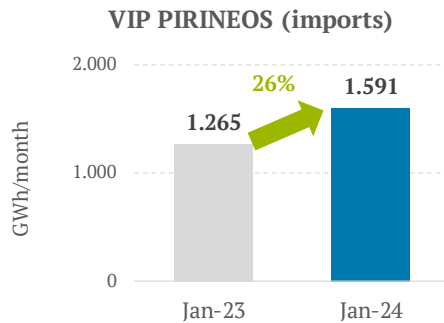
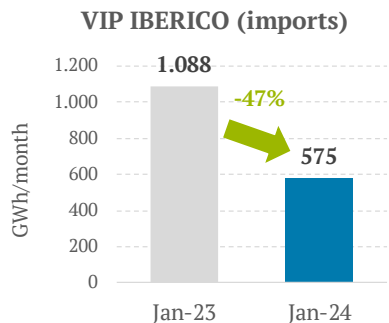


## 2.1 Demand coverage: Origin of supplies

Unit: GWh		Monthly accumulated			Annual accumulated		Moving Annual Total	
		Jan-2024	% s TOTAL	Jan-2023	Jan- 2024	% s TOTAL	MAT: Feb 2023-Jan 2024	% s TOTAL
Algeria	NG	8.982	30,9%	8.545	8.982	30,9%	95.309	29,7%
	LNG	987		0	987		22.397	
France	NG	1.591	4,9%	1.265	1.591	4,9%	14.779	4,0%
	LNG	0		0	0		1.089	
Angola	LNG	0	0,0%	0	0	0,0%	3.111	0,8%
Cameroon	LNG	0	0,0%	0	0	0,0%	3.309	0,8%
United States	LNG	9.442	29,2%	7.102	9.442	29,2%	86.239	21,8%
Equatorial Guinea	LNG	0	0,0%	0	0	0,0%	1.891	0,5%
Nigeria	LNG	1.134	3,5%	6.932	1.134	3,5%	48.194	12,2%
Peru	LNG	0	0,0%	0	0	0,0%	3.865	1,0%
Qatar	LNG	877	2,7%	879	877	2,7%	14.166	3,6%
Russia	LNG	8.687	26,9%	6.372	8.687	26,9%	75.006	18,9%
Trinidad	LNG	0	0,0%	426	0	0,0%	6.061	1,5%
Oman	LNG	0	0,0%	0	0	0,0%	2.902	0,7%
Belgium	LNG	0	0,0%	0	0	0,0%	0	0,0%
Egypt	LNG	0	0,0%	596	0	0,0%	3.879	1,0%
Portugal	NG	575	1,8%	1.088	575	1,8%	9.545	2,4%
Australia	NG	0	0,0%	70	0	0,0%	0	0,0%
National deposits	NG	5	0,0%	20	5	0,0%	253	0,1%
National Biogas	NG	26	0,1%	18	26	0,1%	252	0,1%
<b>TOTAL</b>		<b>32.306</b>	<b>100%</b>	<b>34.240</b>	<b>32.306</b>	<b>100%</b>	<b>395.963</b>	<b>100%</b>



# 2.1 Demand coverage : Interconnection Points



(\*) SL-ATR data

## 2.1 Demand coverage : Interconnection Points

### Net balances

GWh	Monthly accumulated			Annual accumulated		Moving Annual Total	
	Jan-2024	Jan-2023	%Δ s/2023	Jan- 2024	%Δ s/2023	MAT: Feb 2023-Jan 2024	%Δ MAT vs 2023
Tarifa	-868	-536	61,9%	-868	61,9%	-9.803	3,5%
Almería	8.982	8.545	5,1%	8.982	5,1%	95.279	0,5%
VIP Ibérico	11	525	-97,9%	11	-97,9%	3.069	-14,3%
VIP Pirineos	986	-1.791	<-100%	986	<-100%	-20.149	-12,1%
National Deposits	5	20	-73,1%	5	-73,1%	253	-5,3%
Biogas	26	18	46,3%	26	46,3%	252	3,4%
<b>Total</b>	<b>9.143</b>	<b>6.780</b>	<b>34,8%</b>	<b>9.143</b>	<b>34,8%</b>	<b>68.902</b>	<b>3,6%</b>

+ Transport network input

- Transport network output

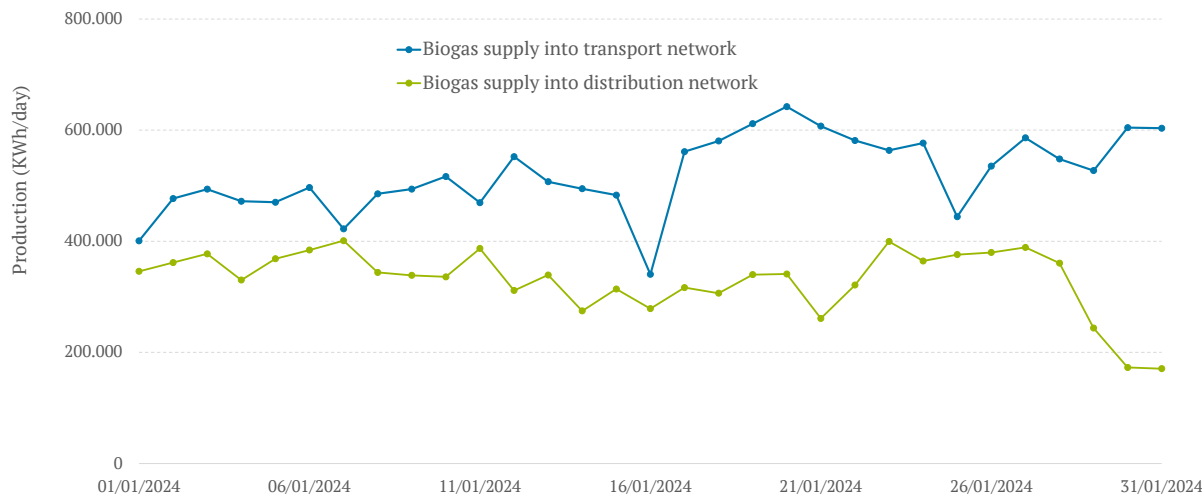


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# 3. Renewable gases

## BIOGAS production into Transport and Distribution Network

Unidad: GWh	Monthly Accumulated			Annual Accumulated		Moving Annual Total	
	Jan-2024	Jan-2023	%Δ s/2023	Jan- 2024	%Δ s/2023	MAT: Feb 2023-Jan 2024	%Δ s/2023
BIOGAS injected into transport network	16,1	15,5	4,2%	16,1	4,2%	171,9	0,4%
BIOGAS injected into distribution network	10,2	2,5	>100%	10,2	>100%	80,6	10,6%
<b>Total</b>	<b>26,4</b>	<b>18,0</b>	<b>46,3%</b>	<b>26,4</b>	<b>46,3%</b>	<b>252,5</b>	<b>3,4%</b>



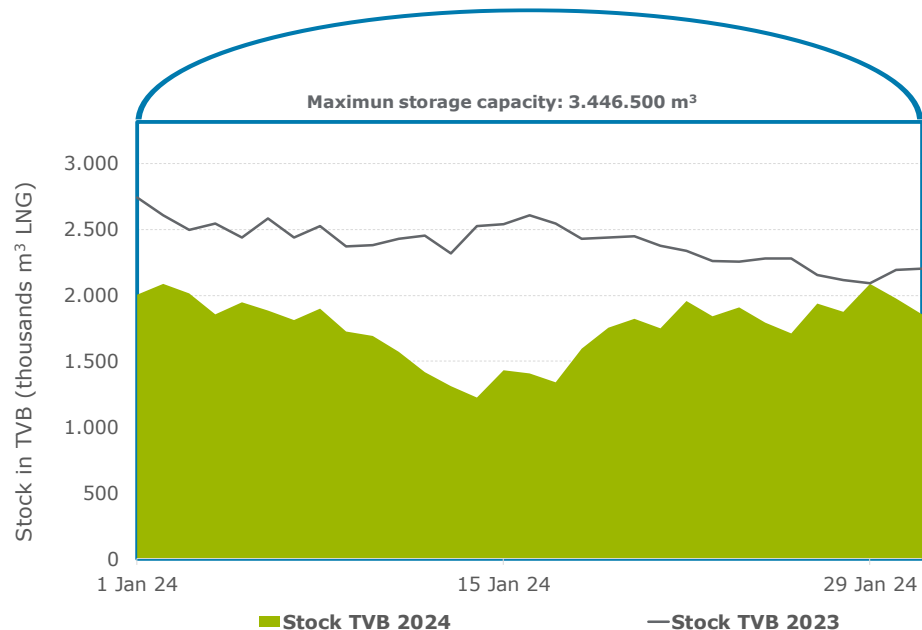
(\*) Table: Allocation data from the SL-ATR



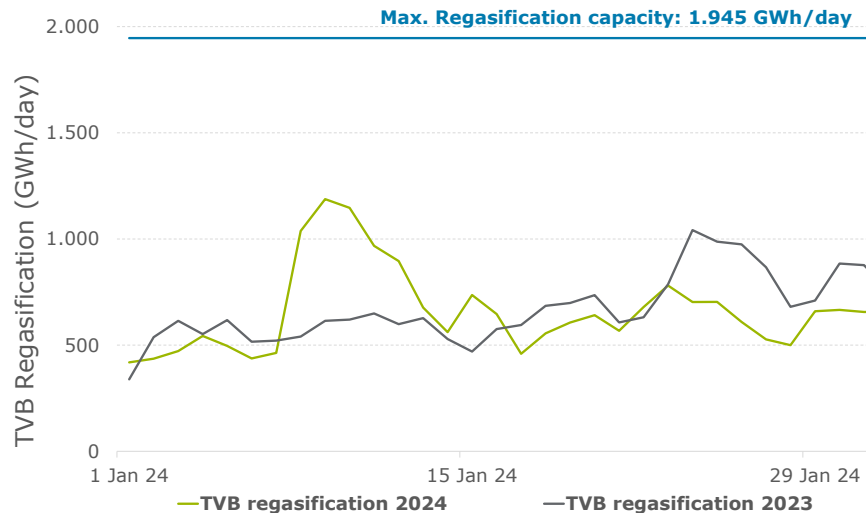
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# 4. TVB activity

## TVB stock evolution



## Regasification in TVB



### January 2024

GWh/month

Total regasification capacity	60.295
Contracted regasification capacity	23.204
Available regasification capacity	37.091
Commercial regasification	20.442

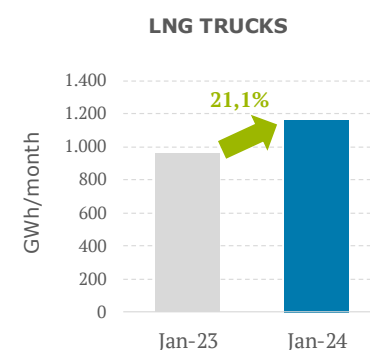
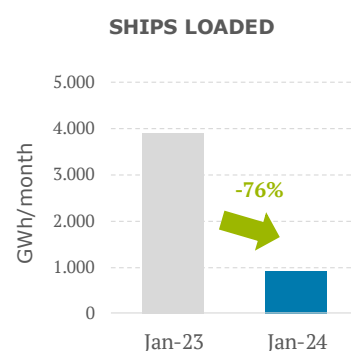
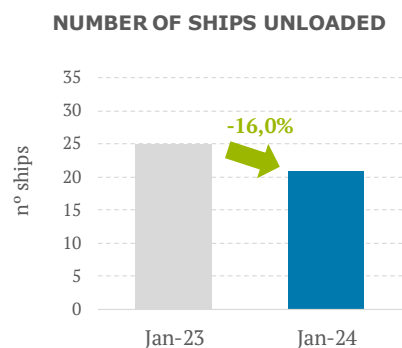
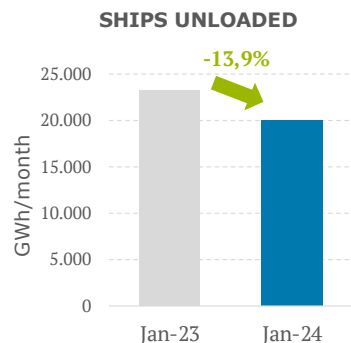


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# 5. Regasification plants activity

GWh	Ships Unloaded			Number of Ships Unloaded			Ships Loaded			LNG Trucks		
	Jan-2024	Jan-2023	%Δ s/2023	Jan-2024	Jan-2023	%Δ s/2023	Jan-2024	Jan-2023	%Δ s/2023	Jan-2024	Jan-2023	%Δ s/2023
BARCELONA	1.370	2.475	-44,6%	2	2	0,0%	263	940	-72,1%	228	218	4,7%
HUELVA	5.383	7.038	-23,5%	6	7	-14,3%	660	508	29,9%	235	182	29,2%
CARTAGENA	1.112	3.237	-65,6%	1	5	-80,0%	1	428	-99,7%	225	198	13,7%
BILBAO	6.431	4.215	52,6%	6	4	50,0%	0	0	>100%	119	111	7,5%
SAGUNTO	3.575	3.130	14,2%	4	4	0,0%	0	1.730	-100,0%	204	158	29,3%
MUGARDOS	2.193	3.211	-31,7%	2	3	-33,3%	0	299	-100,0%	95	92	3,4%
MUSEL (*)	0	0	-	0	0	-	0	0	-	54	0	>100%
<b>Total</b>	<b>20.063</b>	<b>23.305</b>	<b>-13,9%</b>	<b>21</b>	<b>25</b>	<b>-16,0%</b>	<b>924</b>	<b>3.904</b>	<b>-76%</b>	<b>1.161</b>	<b>959</b>	<b>21,1%</b>



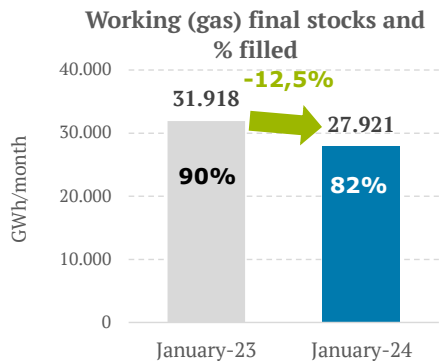
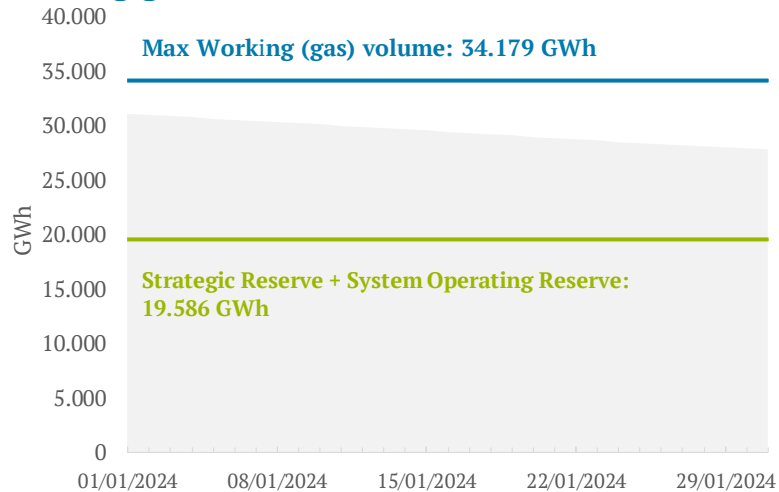
(\*) Unloads at El Musel terminal in order to carry out the commissioning of the terminal.



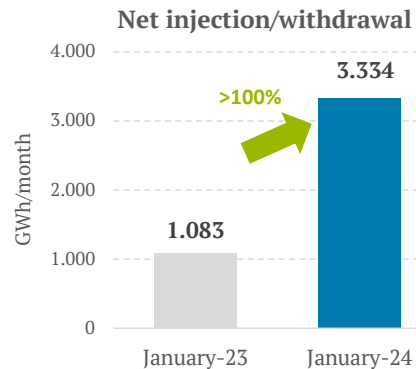
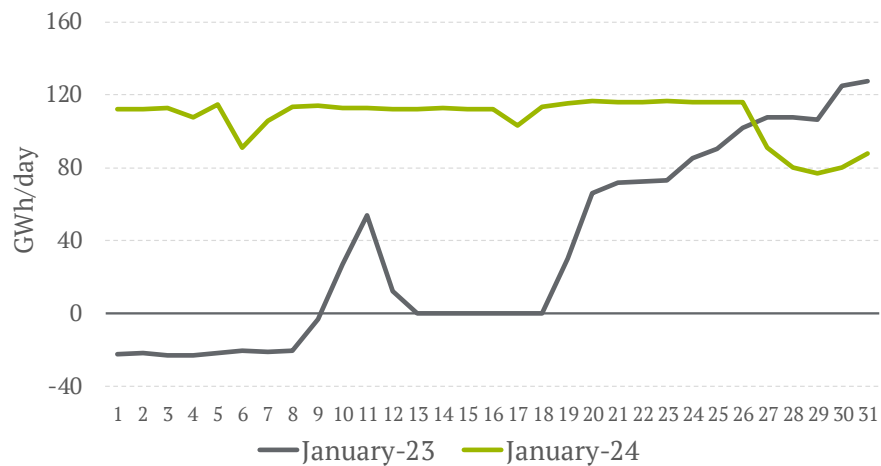
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# 6. UGS activity

## Working gas evolution



## Daily withdrawal/injection





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7. **Operating notes and other relevant facts**

# 7. Operating notes and other relevant facts

## Operating notes:

- ❑ In **January 2023**, two Operation notes has been published.
  - ❖ Operation note n°1: Declaration of Exceptional Operating Situation Level 0. Zero Level – Cold Snap.
  - ❖ Operation note n°2: Orden TED/72/2023: minimum level of shippers' security stocks of an operational nature

## Relevant facts:

- ❑ No relevant fact has been published this month



