

# Statistical bulletin

February 2024

**PRELIMINARY**

Technical Management of the System

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

March-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

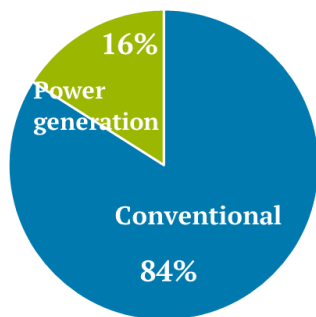
## 6. Underground Storage activity

## 7. Operating notes and other relevant facts

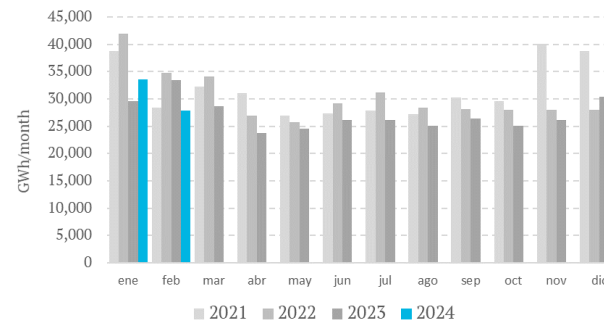
# 1. Evolution of gas demand

GWh	Monthly accumulated		Annual accumulated		Moving Annual Total	
	Feb-2024	%Δ s/2023	Jan-Feb 2024	%Δ s/2023	MAT: Mar 2023-Feb 2024	%Δ MAT vs 2023
<b>National Market demand</b>	<b>27,830</b>	<b>-17.0%</b>	<b>61,435</b>	<b>-2.8%</b>	<b>323,786</b>	<b>-0.5%</b>
Conventional	23,374	-4.7%	50,099	3.5%	231,534	0.7%
Power generation	4,456	-50.5%	11,336	-23.4%	92,252	-3.6%
<b>International Market demand</b>	<b>2,664</b>	<b>-46.0%</b>	<b>5,624</b>	<b>-56.7%</b>	<b>67,892</b>	<b>-9.8%</b>
International connections exports	1,589	-53.0%	3,625	-51.9%	49,415	-7.3%
LNG Vessel loading	1,074	-30.9%	1,998	-63.4%	18,477	-15.8%
<b>TOTAL</b>	<b>30,493</b>	<b>-20.7%</b>	<b>67,059</b>	<b>-12.0%</b>	<b>391,678</b>	<b>-2.3%</b>

National market demand February 2024

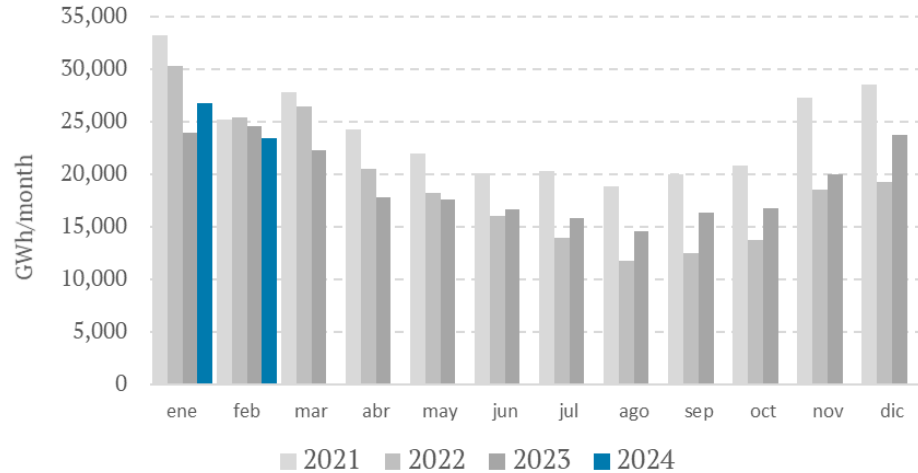


Total Demand

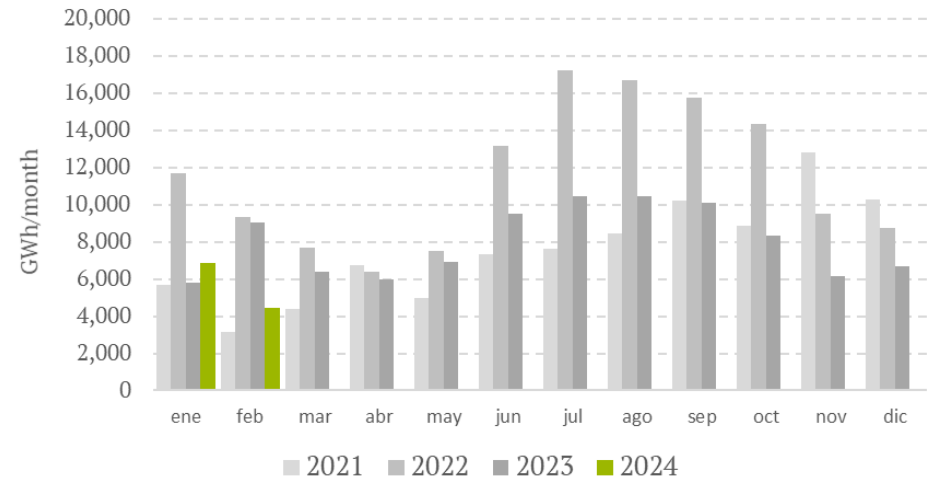


# 1. Evolution of gas demand

## Final Demand



## Demand for Power generation



# 1.1 Evolution of gas demand. Conventional

Demand  
  
 Conventional market

**-4.7%**

Smaller than the previous year

Temperatures

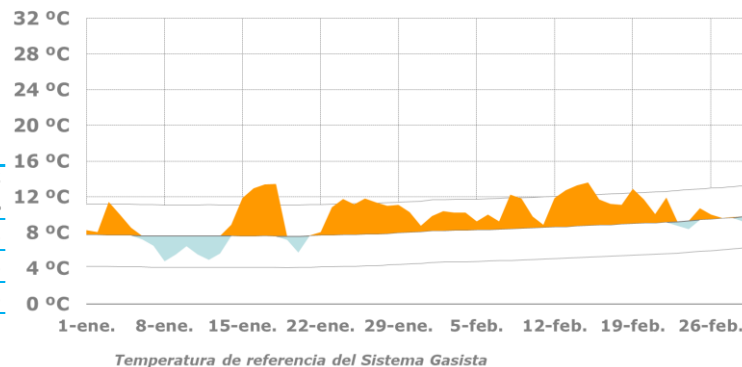


**+3°C**

Higher than the previous year

Demand	Conventional demand		Accumulated		MAT	
	Feb 2024 (*)		Feb 2024		Feb24-Mar23	
	GWh	%24 s/23	GWh	%24 s/23	GWh	% MAT s/23
Calendar	23,374	-4.7%	50,099	3.5%	231,534	0.7%
Temperature		2.3%		2.3%		0.4%
Amended demand		-7.9%		-6.4%		-1.3%
		0.9%		7.5%		1.6%

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

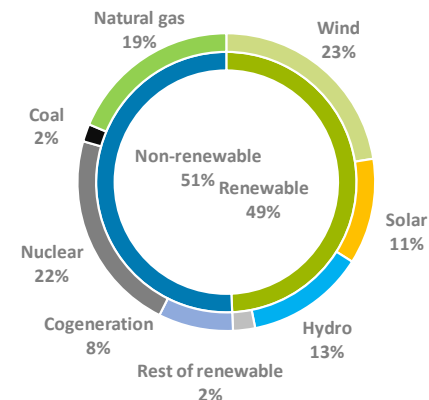


# 1.2 Power generation – electricity generation mix

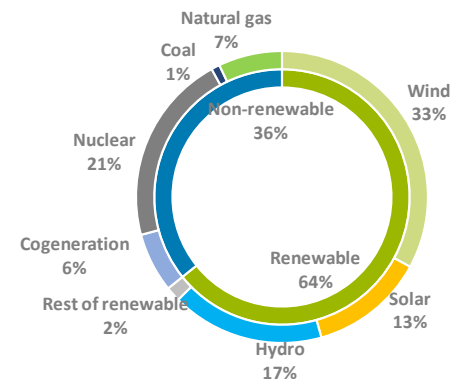
TWh (e)	2023 February 1 <sup>st</sup> to 28 <sup>st</sup>	2024 February 1 <sup>st</sup> to 29 <sup>st</sup>	Δ 2024 vs 2023	% Δ 2024 vs 2023
---------	---	---	----------------------	------------------------

<b>Power generation</b>	<b>19.3</b>	<b>18.9</b>	<b>-0.4</b>	<b>2.1%</b>
<b>Wind</b>	<b>4.7</b>	<b>7.0</b>	<b>2.3</b>	<b>49.4%</b>
use of installed capacity [GW]	29.6	30.1	0.5	1.5%
% utilization of total installed	22%	33%		
<b>Solar</b>	<b>2.4</b>	<b>2.7</b>	<b>0.3</b>	<b>13.9%</b>
use of installed capacity [GW]	22.1	26.6	4.7	20.8%
% utilization of total installed	15%	14%		
<b>Hydro</b>	<b>2.7</b>	<b>3.6</b>	<b>0.8</b>	<b>30.1%</b>
<b>Rest of renewable</b>	<b>0.5</b>	<b>0.4</b>	<b>-0.1</b>	<b>27.5%</b>
<b>Cogeneration</b>	<b>1.7</b>	<b>1.4</b>	<b>-0.3</b>	<b>17.5%</b>
<b>Nuclear</b>	<b>4.6</b>	<b>4.5</b>	<b>-0.1</b>	<b>2.0%</b>
<b>Coal</b>	<b>0.4</b>	<b>0.2</b>	<b>-0.2</b>	<b>52.1%</b>
<b>Natural gas</b>	<b>3.9</b>	<b>1.5</b>	<b>-2.4</b>	<b>61.3%</b>
<b>International exchanges</b>	<b>-0.9</b>	<b>-1.1</b>	<b>-0.2</b>	<b>25.0%</b>
	<b>exportacion</b>	<b>exportacion</b>		
<b>France</b>	-0.6	-0.9	-0.3	
<b>Portugal</b>	-0.1	-0.1	0.0	
<b>Morocco</b>	-0.2	-0.1	0.1	

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



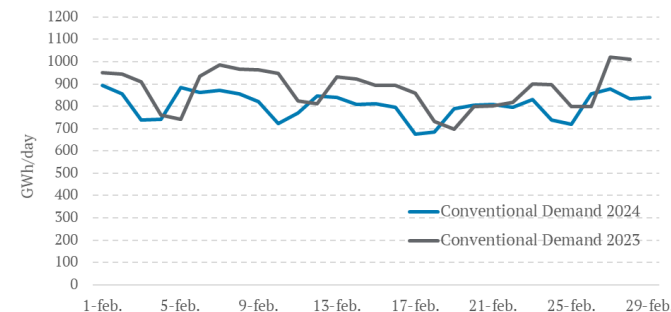
**2024**  
**Gas demand for**  
**Power Generation**  
**4.5 TWh (g)**



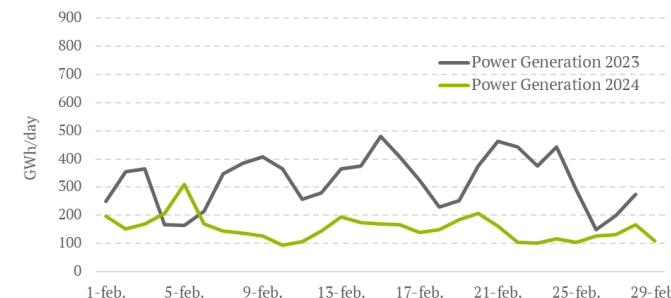
# 1.3 Evolution of CCAA gas demand

GWh	CONVENTIONAL DEMAND (without LNG trucks)		POWER GENERATION		LNG trucks	
	Feb-2024	%Δ vs Feb 2023	Feb-2024	%Δ vs Feb 2023	Feb-2024	%Δ vs Feb 2023
Andalucía	2,686	16.6%	841	-59.1%	217	5.3%
Aragón	1,206	-9.6%	24	-96.0%	45	-7.6%
Asturias	566	-7.1%	132	-80.2%	31	124.4%
Baleares	107	-0.5%	600	-15.4%	4	-34.2%
Cantabria	375	-14.6%	0	0.0%	44	879.0%
Castilla - La Mancha	1,140	7.7%	208	-48.4%	73	-2.4%
Castilla y León	1,857	-7.1%	0	0.0%	70	-0.1%
Cataluña	4,071	-16.9%	874	-21.9%	115	-21.2%
Comunidad Valenciana	2,121	-14.3%	348	-36.0%	117	39.9%
Extremadura	191	-4.7%	0	0.0%	39	10.2%
Galicia	957	8.5%	295	-57.5%	53	-11.7%
La Rioja	257	-14.1%	157	-52.6%	11	-22.1%
Madrid	2,969	-10.8%	0	0.0%	127	103.5%
Murcia	1,265	37.7%	588	-35.3%	66	5.8%
Navarra	600	-8.0%	93	-85.2%	17	51.0%
País Vasco	1,933	-4.6%	294	-10.1%	19	-52.1%

### Daily evolution Conventional Demand



### Daily evolution Power Generation



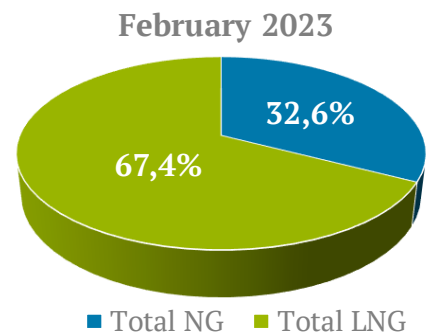
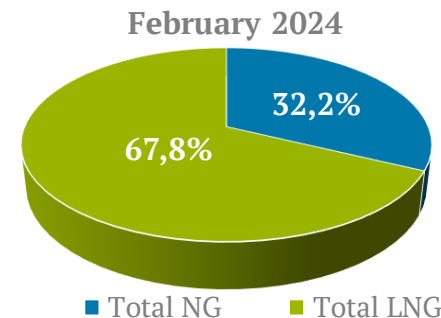


1. Evolution of gas demand
  1. Conventional demand
  2. Power generation
  3. CCAA
2. **Demand coverage**
  1. **Origin of supplies**
  2. **Interconnection Points**
3. Renewable gases
4. TVB activity
5. Regasification Plants activity
6. Underground Storage activity
7. Operating notes and other relevant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



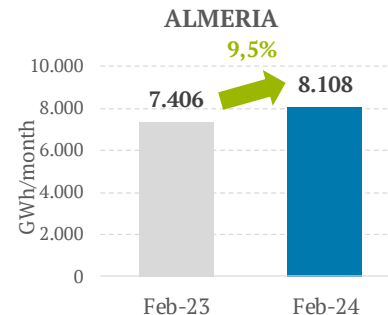
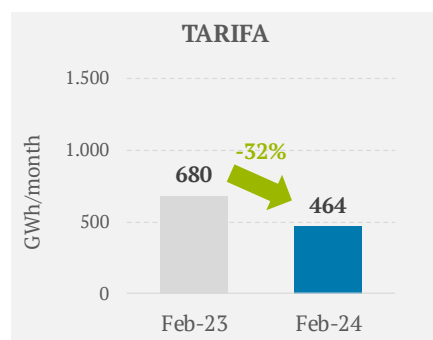
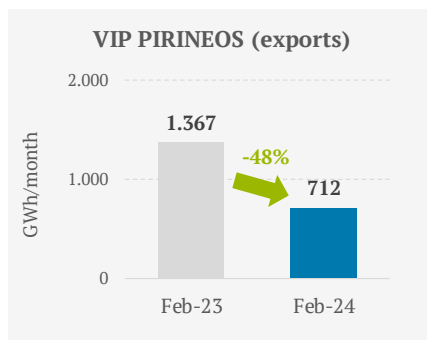
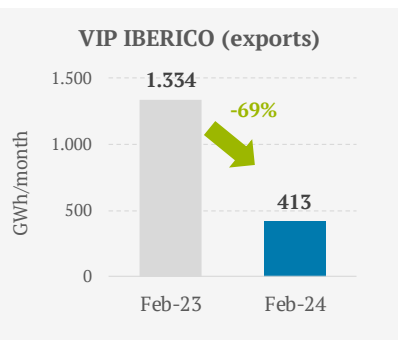
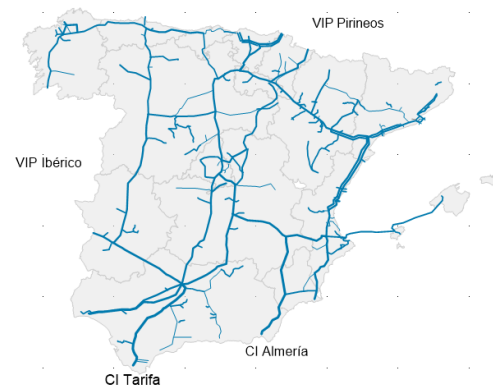
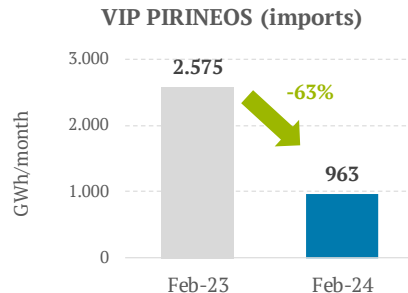
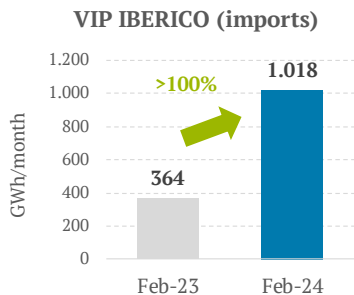
## 2.1 Demand coverage: Origin of supplies

Unit: GWh		Monthly accumulated		Annual accumulated		Moving Annual Total		
		Feb-2024	% s TOTAL	Feb-2023	Jan-Feb 2024	% s TOTAL	MAT: Mar 2023-Feb 2024	% s TOTAL
Algeria	NG	8.108	27,3%	7.406	17.090	29,1%	96.011	30,0%
	LNG	493		75	1.480		22.815	
France	NG	963	3,1%	2.575	2.554	4,0%	13.167	3,6%
	LNG	0		0	0		1.089	
Angola	LNG	0	0,0%	0	0	0,0%	3.111	0,8%
Cameroon	LNG	0	0,0%	1.108	0	0,0%	2.201	0,6%
United States	LNG	8.011	25,4%	7.263	17.454	27,3%	86.987	22,0%
Equatorial Guinea	LNG	0	0,0%	971	0	0,0%	921	0,2%
Nigeria	LNG	5.005	15,9%	2.792	6.139	9,6%	50.408	12,7%
Norway	LNG	927	2,9%	0	927	1,5%	4.642	1,2%
Peru	LNG	0	0,0%	0	0	0,0%	3.865	1,0%
Qatar	LNG	872	2,8%	1.762	1.749	2,7%	13.277	3,4%
Russia	LNG	5.337	16,9%	5.465	14.024	22,0%	74.878	18,9%
Trinidad	LNG	0	0,0%	997	0	0,0%	5.063	1,3%
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%	1.045	0	0,0%	2.833	0,7%
Portugal	NG	1.018	3,2%	364	1.592	2,5%	10.199	2,6%
TVB*	NG	740	2,3%	0	740	1,2%	740	0,2%
Australia	NG	0	0,0%	0	0	0,0%	0	0,0%
National deposits	NG	28	0,1%	32	33	0,1%	250	0,1%
National Biomethane	NG	27	0,1%	9	54	0,1%	271	0,1%
<b>TOTAL</b>		<b>31.532</b>	<b>100%</b>	<b>31.865</b>	<b>63.837</b>	<b>100%</b>	<b>395.630</b>	<b>100%</b>



(\*) unloading from a previous recharge at a Spanish terminal

# 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	
	Feb-2024	Feb-2023	%Δ s/2023	Jan-Feb 2024	%Δ s/2023	MAT: Mar 2023-Feb 2024	%Δ MAT vs 2023
Tarifa	-464	-680	-31,8%	-1.332	9,5%	-9.587	1,2%
Almería	8.108	7.406	9,5%	17.090	7,1%	95.981	1,2%
VIP Ibérico	605	-970	<-100%	616	<-100%	4.643	29,6%
VIP Pirineos	251	1.208	-79,2%	1.237	<-100%	-21.106	-7,9%
National Deposits	28	32	-10,6%	33	-34,5%	250	-6,6%
Biogas	27	9	>100%	54	>100%	271	11,1%
<b>Total</b>	<b>8.555</b>	<b>7.004</b>	<b>22,1%</b>	<b>17.698</b>	<b>28,4%</b>	<b>70.453</b>	<b>5,9%</b>

+ Transport network input

- Transport network output

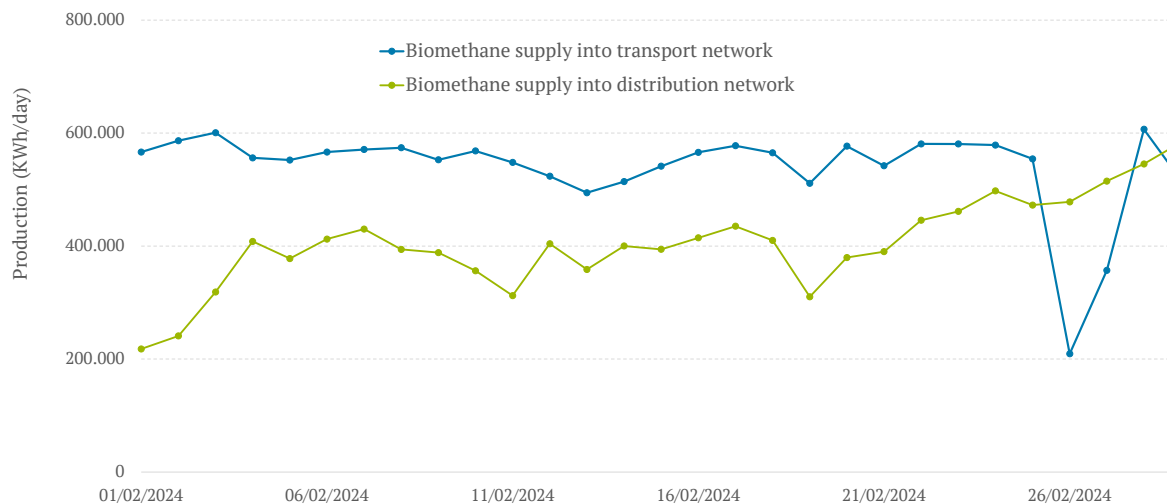


1. Evolution of gas demand
  1. Conventional demand
  2. Power generation
  3. CCAA
2. Demand coverage
  1. Origin of supplies
  2. Interconnection Points
3. Renewable gases
4. TVB activity
5. Regasification Plants activity
6. Underground Storage activity
7. Operating notes and other relevant facts

# 3. Renewable gases

## BIOGAS production into Transport and Distribution Network

Unidad: GWh	Monthly Accumulated			Annual Accumulated		Moving Annual Total	
	Feb-2024	Feb-2023	%Δ s/2023	Jan-Feb 2024	%Δ s/2023	MAT: Mar 2023-Feb 2024	%Δ s/2023
Biomethane injected into transport network	15,6	6,0	>100%	31,8	47,6%	181,5	6,0%
Biomethane injected into distribution network	11,8	2,5	>100%	22,0	>100%	89,9	23,2%
<b>Total</b>	<b>27,4</b>	<b>8,5</b>	<b>&gt;100%</b>	<b>53,8</b>	<b>&gt;100%</b>	<b>271,3</b>	<b>11,1%</b>



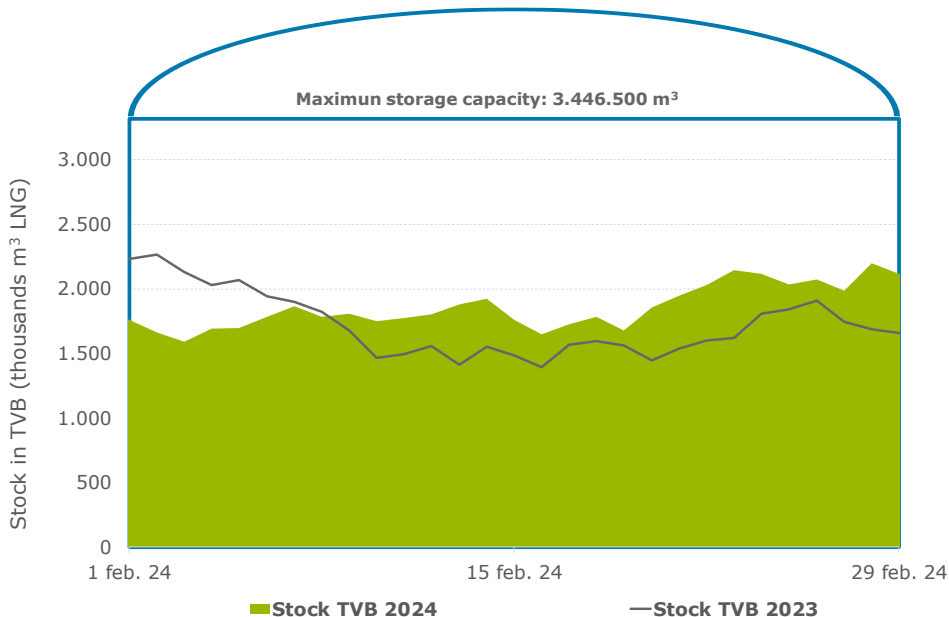
(\*) Table: Allocation data from the SL-ATR



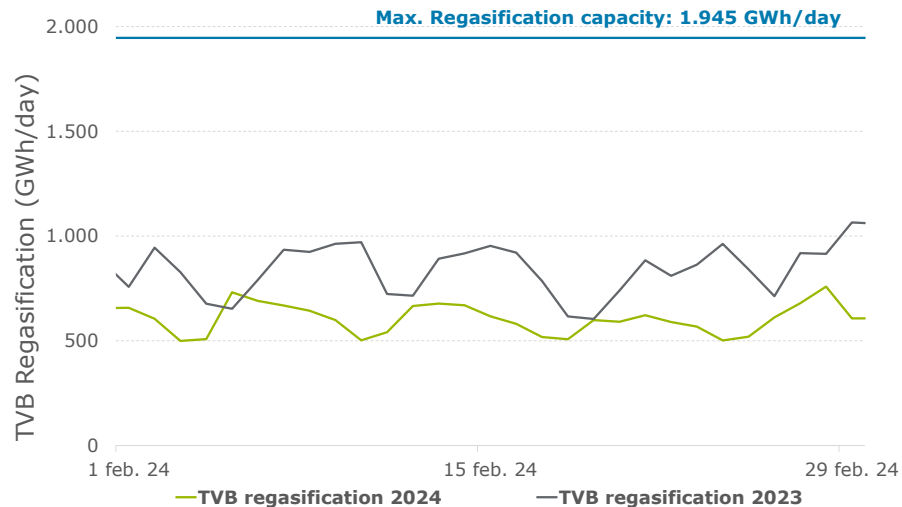
1. Evolution of gas demand
  1. Conventional demand
  2. Power generation
  3. CCAA
2. Demand coverage
  1. Origin of supplies
  2. Interconnection Points
3. Renewable gases
- 4. TVB activity**
5. Regasification Plants activity
6. Underground Storage activity
7. Operating notes and other relevant facts

# 4. TVB activity

## TVB stock evolution



## Regasification in TVB



### February 2024

GWh/month

Total regasification capacity	56.405
Contracted regasification capacity	18.082
Available regasification capacity	38.323
Commercial regasification	17.529

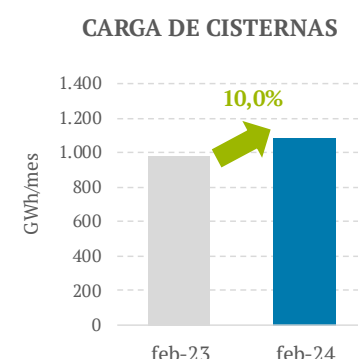
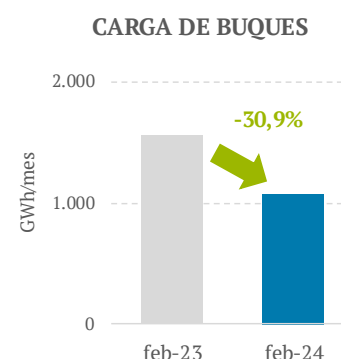
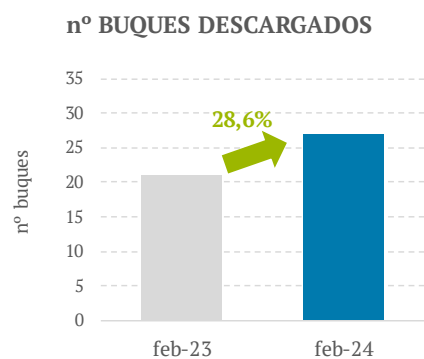
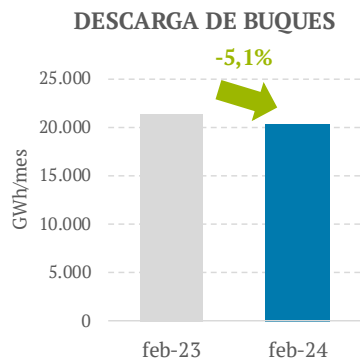


1. Evolution of gas demand
  1. Conventional demand
  2. Power generation
  3. CCAA
2. Demand coverage
  1. Origin of supplies
  2. Interconnection Points
3. Renewable gases
4. TVB activity
- 5. Regasification Plants activity**
6. Underground Storage activity
7. Operating notes and other relevant facts



# 5. Regasification plants activity

GWh	Ships Unloaded			Number of Ships Unloaded			Ships Loaded			LNG Trucks		
	Feb-2024	Feb-2023	%Δ s/2023	Feb-2024	Feb-2023	%Δ s/2023	Feb-2024	Feb-2023	%Δ s/2023	Feb-2024	Feb-2023	%Δ s/2023
BARCELONA	3.277	2.499	31,2%	3	2	50,0%	226	474	-52,3%	210	208	0,7%
HUELVA	2.974	5.496	-45,9%	8	6	33,3%	55	39	40,4%	215	194	10,7%
CARTAGENA	5.063	2.841	78,2%	5	1	>100%	2	428	-99,6%	211	210	0,3%
BILBAO	5.220	6.333	-17,6%	4	6	-33,3%	0	0	>100%	117	109	7,8%
SAGUNTO	2.765	2.104	31,4%	4	4	0,0%	791	552	43,3%	186	155	20,0%
MUGARDOS	1.085	2.206	-50,8%	3	2	50,0%	0	62	-100,0%	81	103	-21,5%
MUSEL (*)	0	0	-	0	0	-	0	0	-	58	0	>100%
<b>Total</b>	<b>20.385</b>	<b>21.479</b>	<b>-5,1%</b>	<b>27</b>	<b>21</b>	<b>28,6%</b>	<b>1.074</b>	<b>1.555</b>	<b>-31%</b>	<b>1.078</b>	<b>980</b>	<b>10,0%</b>



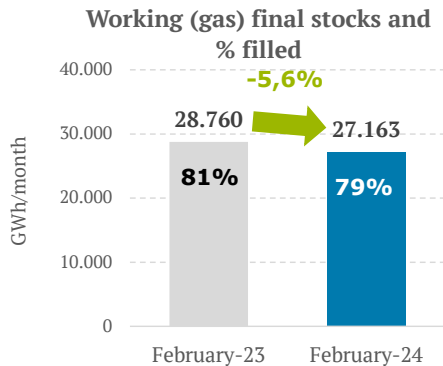
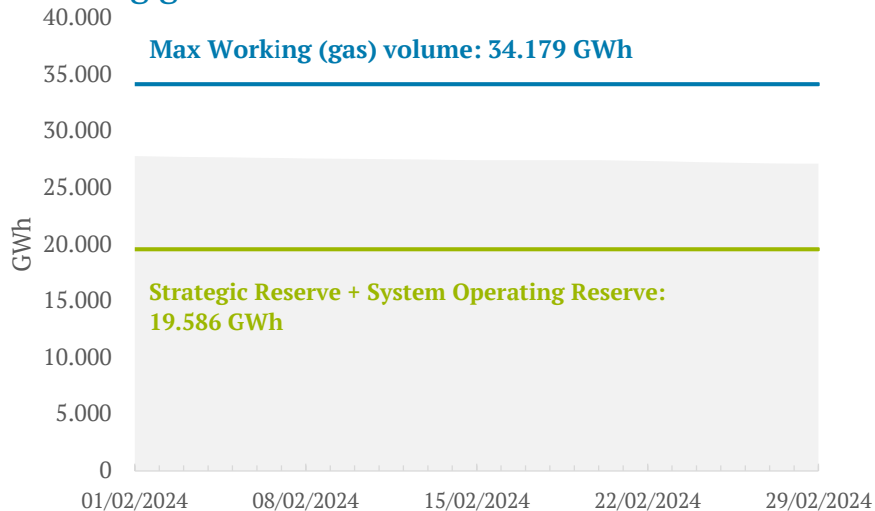
(\*) Unloads at El Musel terminal in order to carry out the commissioning of the terminal.



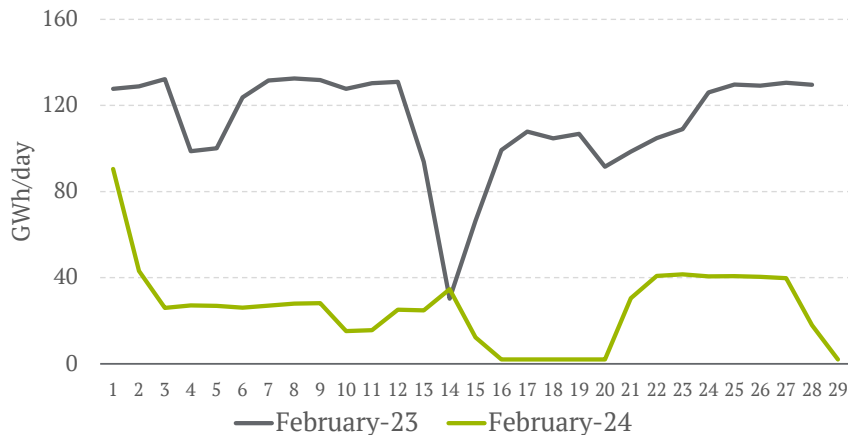
1. Evolution of gas demand
  1. Conventional demand
  2. Power generation
  3. CCAA
2. Demand coverage
  1. Origin of supplies
  2. Interconnection Points
3. Renewable gases
4. TVB activity
5. Regasification Plants activity
- 6. Underground Storage activity**
7. Operating notes and other relevant facts

# 6. UGS activity

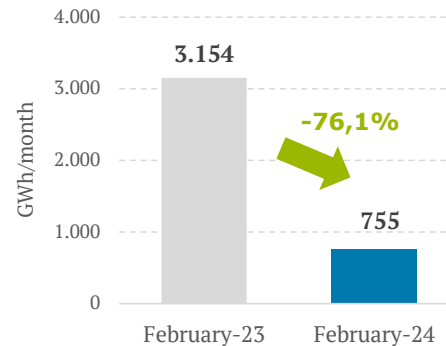
## Working gas evolution



## Daily withdrawal/injection



## Net injection/withdrawal





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**

# 7. Operating notes and other relevant facts

## Operating notes:

- ❑ In **February 2024**, one Operation note has been published.
  - ❖ Operation note nº3: Declaration of Exceptional Operating Situation Level 0. Zero Level – Unavailability of the Sagunto regasification plant due to an incident in its transmission network.

## Relevant facts:

- ❑ No relevant fact has been published this month



