

Statistical bulletin

December 2024

PRELIMINARY

Technical Management of the System

GTS_DEMANDA@enagas.es

January-25





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

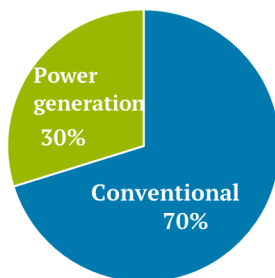
6. Underground Storage activity

7. Operating notes and other relevant facts

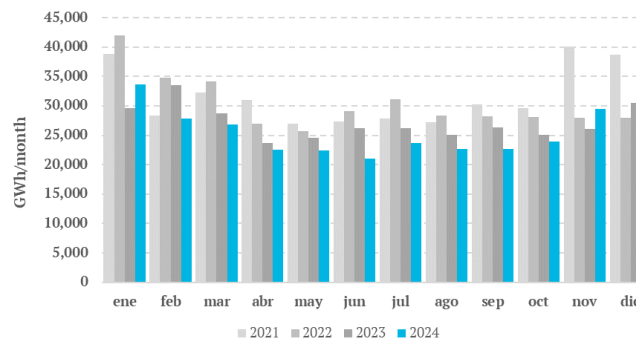
1. Evolution of gas demand

GWh	Monthly accumulated		Annual accumulated		Moving Annual Total	
	December-2024	%Δ s/2023	Jan-Dec 2024	%Δ s/2023	MAT: Jan 2024-Dec 2024	%Δ MAT vs 2023
National Market demand	35,163	15.5%	311,855	-4.2%	311,855	-4.2%
Conventional	24,684	3.9%	237,118	3.2%	237,118	3.2%
Power generation	10,479	56.7%	74,737	-21.9%	74,737	-21.9%
International Market demand	1,602	-60.1%	34,506	-54.2%	34,506	-54.2%
International conexions exports	1,106	-58.4%	22,467	-57.9%	22,467	-57.9%
LNG Vessel loading	496	-63.3%	12,039	-45.1%	12,039	-45.1%
TOTAL	36,765	6.7%	346,361	-13.6%	346,361	-13.6%

National market demand Dec 2024

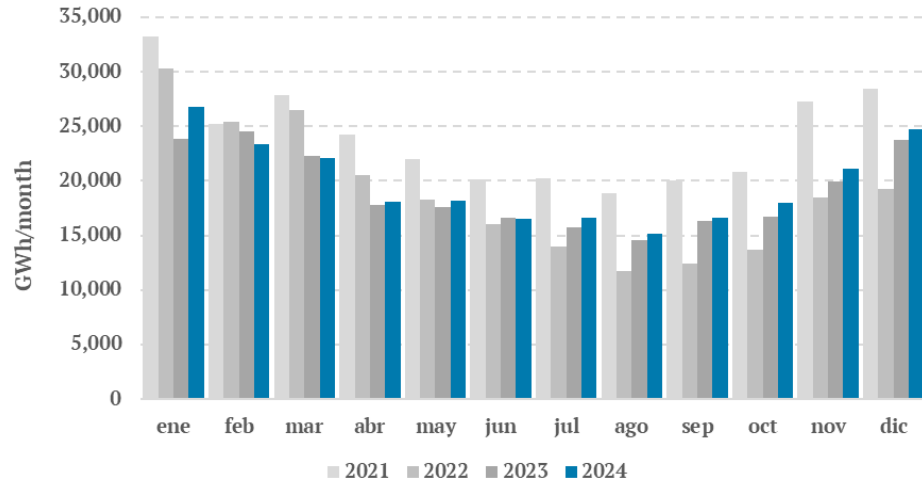


Total Demand

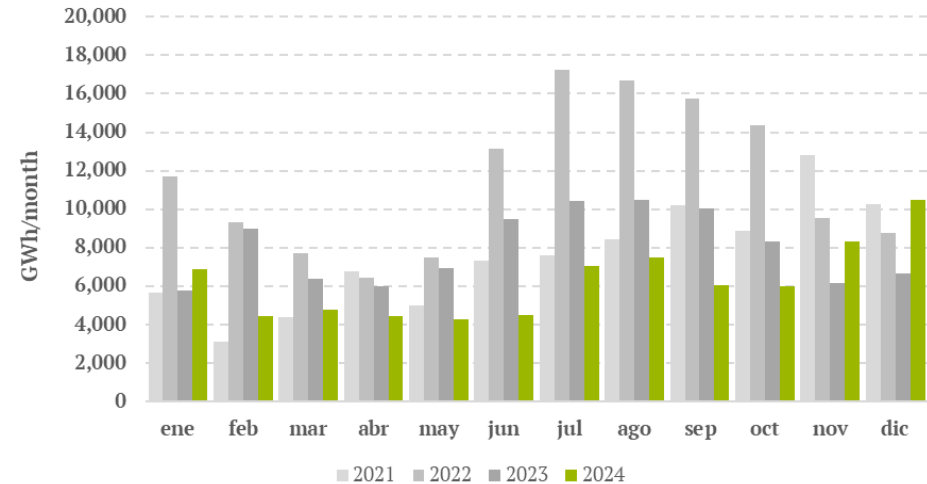


1. Evolution of gas demand

Final Demand



Demand for Power generation



1.1 Evolution of gas demand. Conventional

Demand



Conventional market

+3.9%

More than the previous year

Temperatures

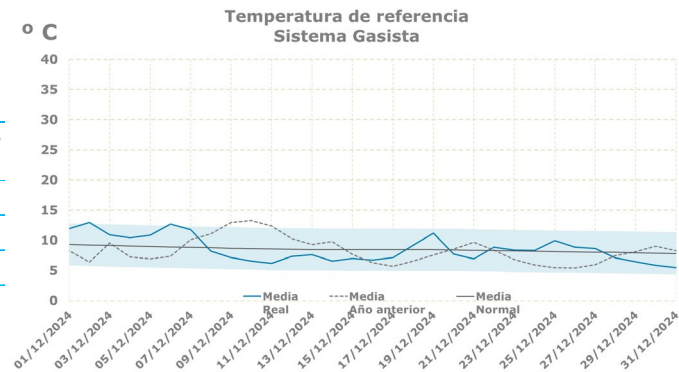


+0.1 °C

More than last's year temperature at the same time of the year

	Conventional demand		Accumulated		MAT	
	dec2024 (*)		Jan - dec2024		Dec24-Jan24	
Demand	GWh	%24 s/23	GWh	%24 s/23	GWh	% MAT s/23
	24,684	3.9%	237,118	3.2%	237,118	3.2%
Calendar		4.3%		0.1%		0.7%
Temperature		0.6%		-0.3%		-0.3%
Amended demand		-0.9%		3.3%		2.8%

* The sum of the correction factors is equal to % of total demand



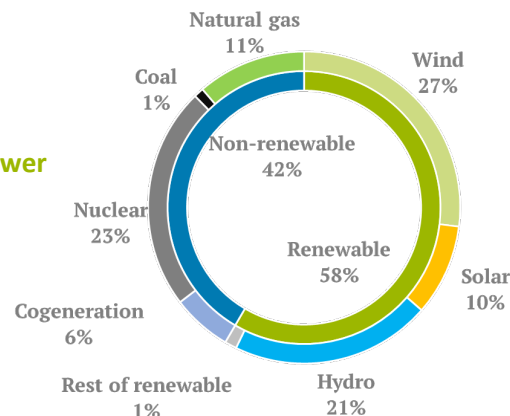
1.2 Power generation– electricity generation mix

TWh (e)

	2023 Dec 1 st to 31 st	2024 Dec 1 st to 31 st	Δ 2024 vs 2023	% Δ 2024 vs 2023
Power generation	19.9	20.3	+0.4	2.0%
Wind	5.8	5.2	-0.6	-11.0%
use of installed capacity [GW]	29.9	30.9	+1.0	3.3%
% utilization of total installed	26%	23%		
Solar	2.1	2.7	+0.6	30.9%
use of installed capacity [GW]	26.8	30.8	+4.0	14.9%
% utilization of total installed	10%	12%		
Hydro	4.5	2.8	-1.7	-37.8%
Rest of renewable	0.3	0.3	+0.1	29.7%
Cogeneration	1.3	1.7	+0.3	25.8%
Nuclear	5.0	4.2	-0.7	-15.0%
Coal	0.2	0.3	+0.1	39.7%
Natural gas	2.4	4.5	+2.0	82.1%
International exchanges	-0.7	-0.6	+0.1	-19.3%
	exportation	exportation		
France	0.2	0.9	+0.7	
Portugal	-0.8	-1.5	-0.7	
Morocco	-0.1	0.0	+0.1	

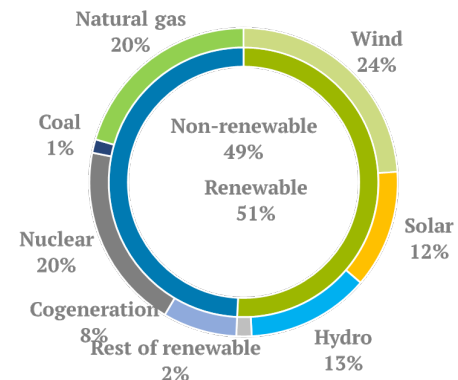
2023
Gas demand for Power
Generation

6.7 TWh (g)



2024
Gas demand for Power
Generation

10.5 TWh (g)



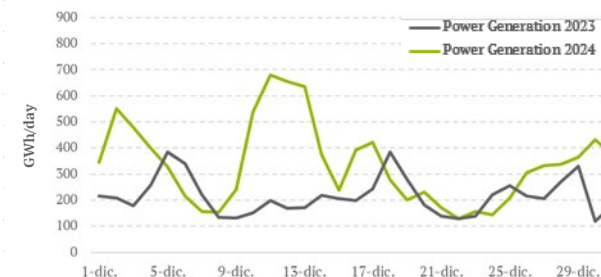
1.3 Evolution of CCAA gas demand

GWh	CONVENTIONAL DEMAND (without LNG trucks)		POWER GENERATION		LNG trucks	
	Dec-2024	%Δ vs Dec 2023	Dec-2024	%Δ vs Dec 2023	Dec-2024	%Δ vs Dec 2023
Andalucía	2,500	-6.3%	1,998	45.4%	175	-11.9%
Aragón	1,405	16.8%	398	76.5%	48	9.2%
Asturias	627	11.0%	622	98.3%	31	23.3%
Baleares	99	9.9%	746	22.4%	4	83.2%
Cantabria	235	-33.6%	0	0.0%	26	-33.1%
Castilla - La Mancha	1,298	8.0%	452	38.5%	67	-2.2%
Castilla y León	2,120	7.0%	0	0.0%	61	-13.0%
Cataluña	4,656	4.7%	1,530	48.0%	115	-10.1%
Comunidad Valenciana	1,929	21.5%	1,034	50.9%	85	-23.6%
Extremadura	181	-7.6%	0	0.0%	44	12.2%
Galicia	962	-2.1%	596	9.5%	59	6.0%
La Rioja	300	10.1%	288	5.1%	10	98.5%
Madrid	3,545	-0.4%	0	0.0%	210	121.6%
Murcia	1,252	-1.9%	928	36.1%	56	-11.8%
Navarra	612	1.6%	690	159.2%	9	-14.1%
País Vasco	1,893	6.3%	1,198	247.7%	27	67.3%

Daily evolution Conventional Demand



Daily evolution Power Generation

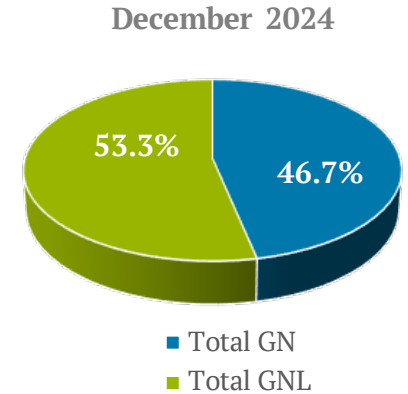




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 3. CCAA
2. **Demand coverage**
 1. **Origin of supplies**
 2. **Interconnection Points**
3. Renewable gases
4. TVB activity
5. Regasification Plants activity
6. Underground Storage activity
7. Operating notes and other relevant facts

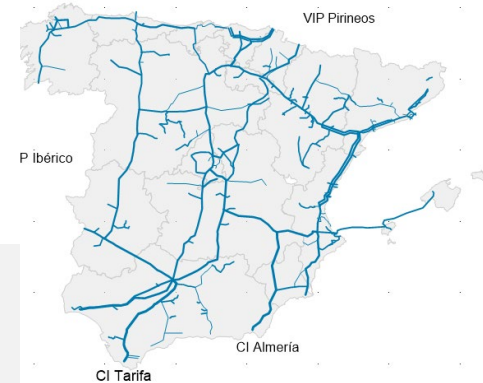
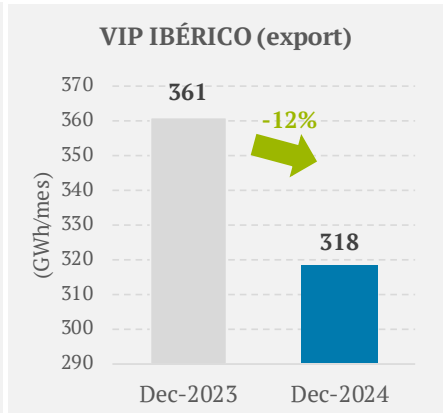
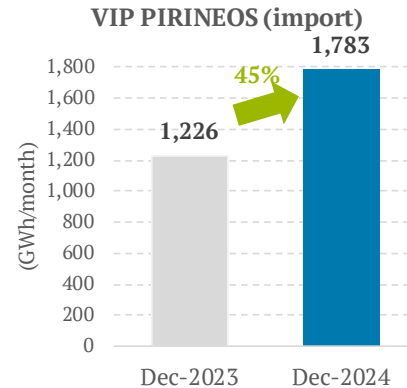
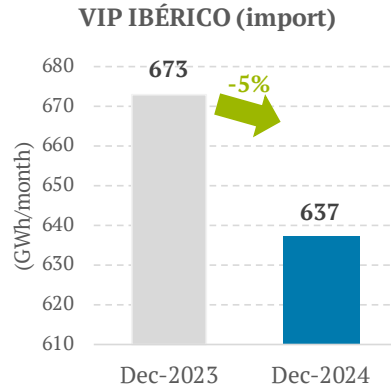
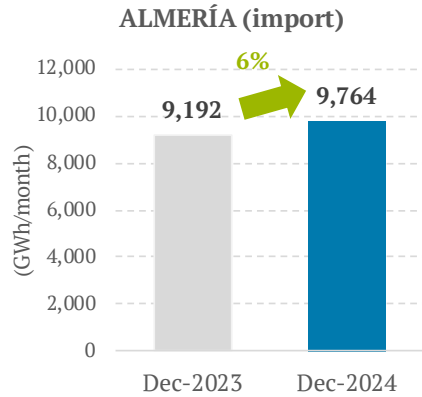
2.1 Demand coverage: Origin of supplies

		Monthly accumulated			Annual accumulated		Moving Annual Total	
		Dec-2024	% s TOTAL	Dic-2023	Jan-Dec 2024	% s TOTAL	MAT: Jan 2024-Dec 2024	% s TOTAL
Algeria	NG	9,764	37.1%	9,192	105,891	38.5%	105,891	38.5%
	LNG	0		815	25,311	0.0%	25,311	0.0%
Russia	LNG	5,485	20.8%	5,481	72,360	21.3%	72,360	21.3%
United States	LNG	2,519	9.6%	3,702	56,435	16.6%	56,435	16.6%
Nigeria	LNG	3,100	11.8%	2,627	24,350	7.2%	24,350	7.2%
France	LNG	1,783	6.8%	1,226	16,076	5.0%	16,076	5.0%
	NG	0	0.0%	0	1,093	0.0%	1,093	0.0%
Portugal	LNG	637	2.4%	673	12,303	3.6%	12,303	3.6%
Qatar	LNG	1,746	6.6%	1,752	11,281	3.3%	11,281	3.3%
Congo	LNG	0	0.0%	0	3,365	1.0%	3,365	1.0%
Trinidad	LNG	1,184	4.5%	0	2,628	0.8%	2,628	0.8%
Norway	LNG	0	0.0%	929	2,777	0.8%	2,777	0.8%
Angola	LNG	0	0.0%	0	2,053	0.6%	2,053	0.6%
Belgium	LNG	0	0.0%	0	2,128	0.6%	2,128	0.6%
Peru	LNG	0	0.0%	0	1,139	0.3%	1,139	0.3%
TVB (*)	LNG	0	0.0%	0	740	0.2%	740	0.2%
National Deposits	NG	79	0.3%	47	225	0.1%	225	0.1%
National Biomethane	NG	27	0.1%	26	313	0.1%	313	0.1%
Egypt	LNG	0	0.0%	821	0	0.0%	0	0.0%
TOTAL		26,324	100%	27,291	340,470	100%	340,470	100%



(*) 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

Unidad: GWh	Monthly accumulated			Annual accumulated		Moving Annual Total	
	Dec-2023	Dec-2024	%Δ s/2023	Jan-Dec 2024	%Δ s/2023	MAT: Jan 2024- Dec 2024	%Δ MAT s/2023
Tarifa	-809	-655	-19.0%	-9,703	2.8%	-9,703	2.8%
Almería	9,192	9,764	6.2%	104,704	10.4%	104,704	10.4%
VIP Ibérico	312	319	2.3%	8,249	>100%	8,249	>100%
VIP Pirineos	-261	1,650	<100%	7,200	<100%	7,200	<100%
National Deposits	47	79	67.9%	225	-15.9%	225	-15.9%
Natiuonal Biomethane	26	28	10.8%	316	29.3%	316	29.3%
Total	8,507	11,186	31.5%	110,991	66.7%	110,991	66.7%

+ Transport network input

- Transport network output

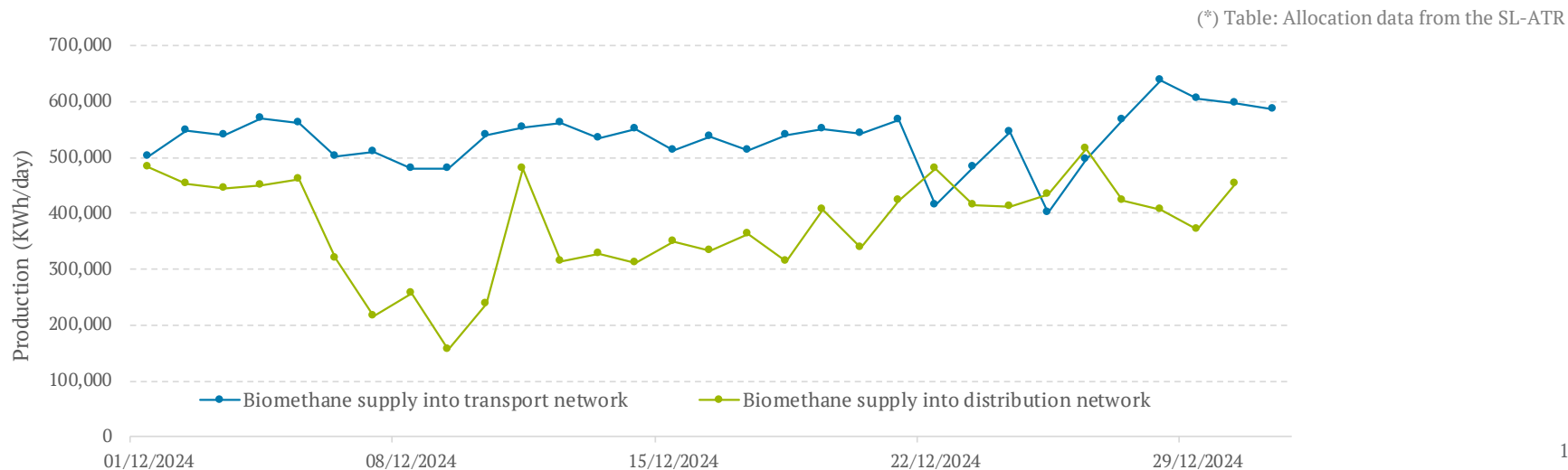


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3. Renewable gases

BIOGAS production into Transport and Distribution Network

Unit: GWh	Monthly accumulated			Annual accumulated		Moving Annual Total	
	Dec-2023	Dec-2024	%Δ s/2023	Jan-Dec 2024	%Δ s/2023	MAT: Jan 2024- Dec 2024	%Δ TAM s/2023
Biomethane injected into transport network	17.1	16.5	-3.1%	178.0	4.0%	178.0	4.0%
Biomethane injected into distribution network	8.5	11.8	39.0%	137.7	88.8%	137.7	88.8%
Total	25.6	28.3	10.8%	315.7	29.3%	315.7	29.3%



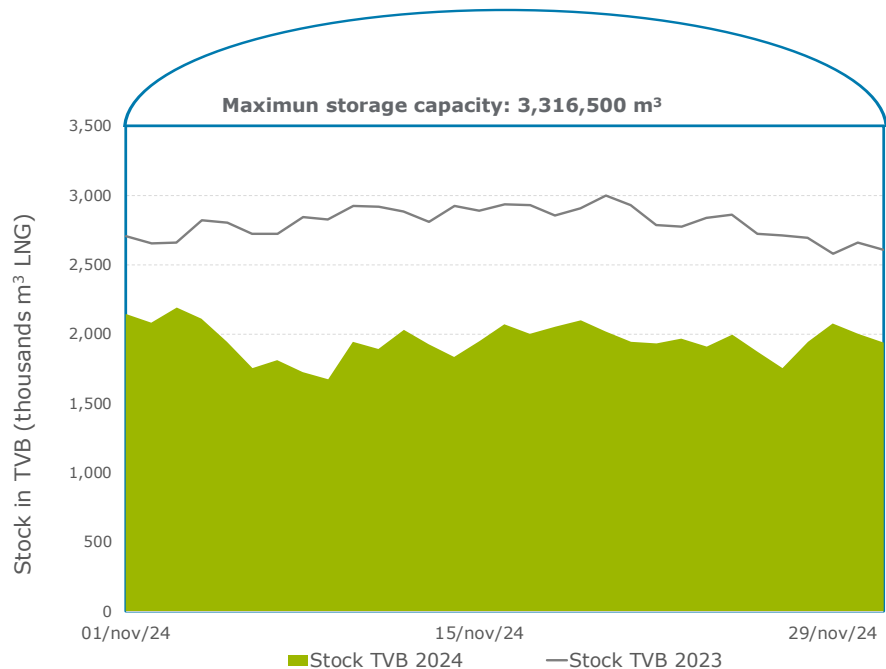
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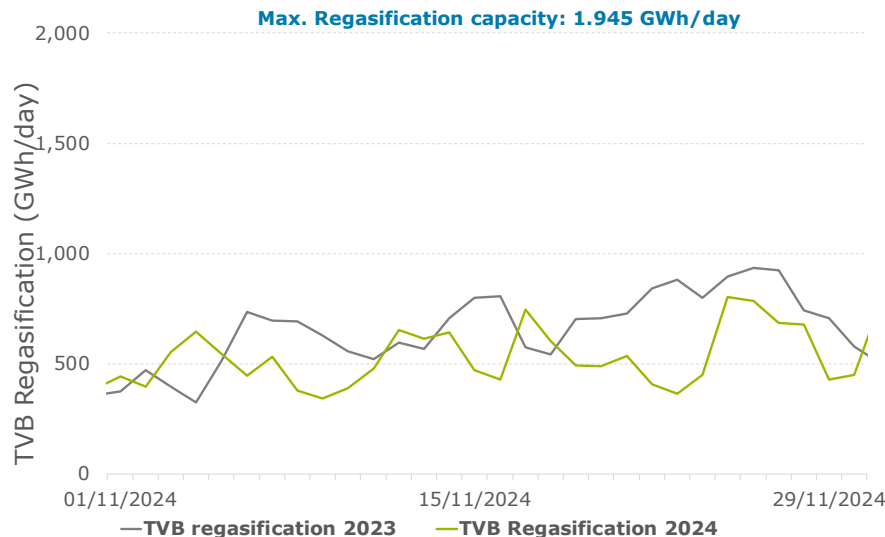
4. TVB activity

TVB stock evolution



In December-24, the average TVB stock represents 47% of the average contracted capacity during that month

Regasification in TVB



December 2024

GWh/month

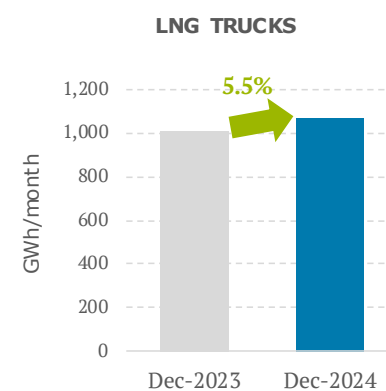
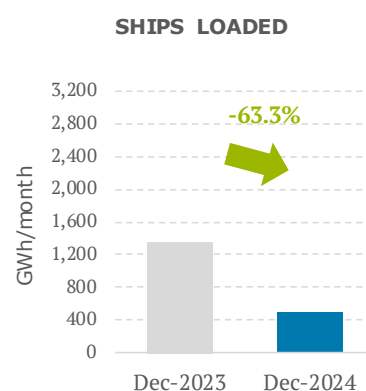
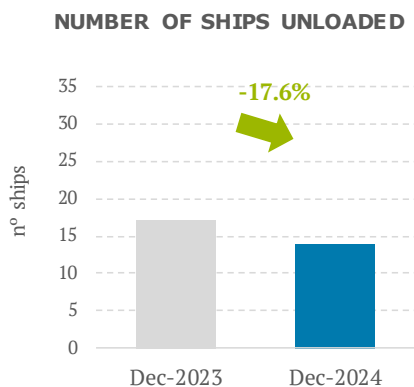
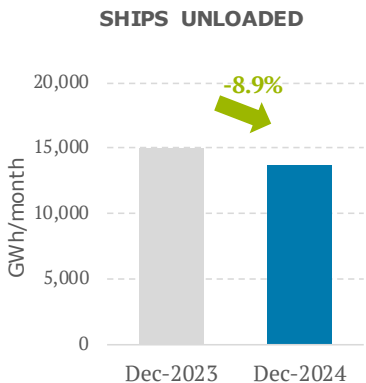
Total regasification capacity	60.295
Contracted regasification capacity	20.753
Available regasification capacity	39.542
Commercial regasification	19.593



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5. Regasification plants activity

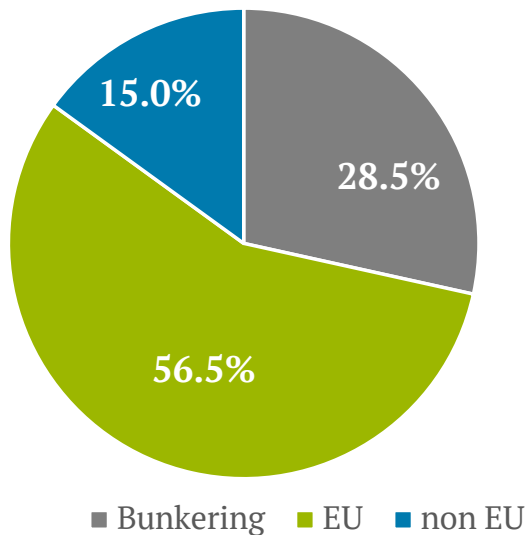
GWh	Ships Unloaded			Number of Ships Unloaded			Ships Loaded			LNG Trucks		
	Dic-2023	Dec-2024	%Δ s/2023	Dic-2023	Dec-2024	%Δ s/2023	Dic-2023	Dec-2024	%Δ s/2023	Dic-2023	Dec-2024	%Δ s/2023
BARCELONA	2,074	1,746	-15.8%	2	2	0.0%	47	64	37.9%	191	209	9.3%
HUELVA	2,676	3,170	18.5%	3	3	0.0%	140	223	59.7%	194	206	6.0%
CARTAGENA	2,596	0	-100.0%	4	0	-100.0%	1,166	170	-85.4%	203	208	2.8%
BILBAO	4,401	3,288	-25.3%	5	3	-40.0%	0	0	-	116	109	-6.1%
SAGUNTO	0	3,283	>100%	0	4	>100%	0	0	>100%	183	191	4.3%
MUGARDOS	3,279	2,197	-33.0%	3	2	-33.3%	0	39	>100%	90	81	-9.8%
MUSEL (*)	0	0	-	0	0	-	0	0	-	32	61	88.1%
Total	15,027	13,684	-8.9%	17	14	-17.6%	1,353	496	-63.3%	1,010	1,065	5.5%



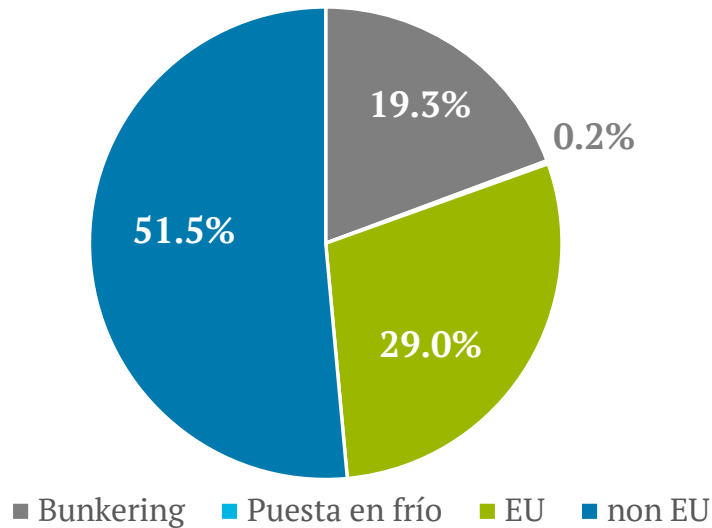
(*) Unloads at El Musel terminal in order to carry out the commissioning of the terminal.

5. Regasification plants activity

Destination of cargoes. December 2024



Destination of cargoes. January-December 2024



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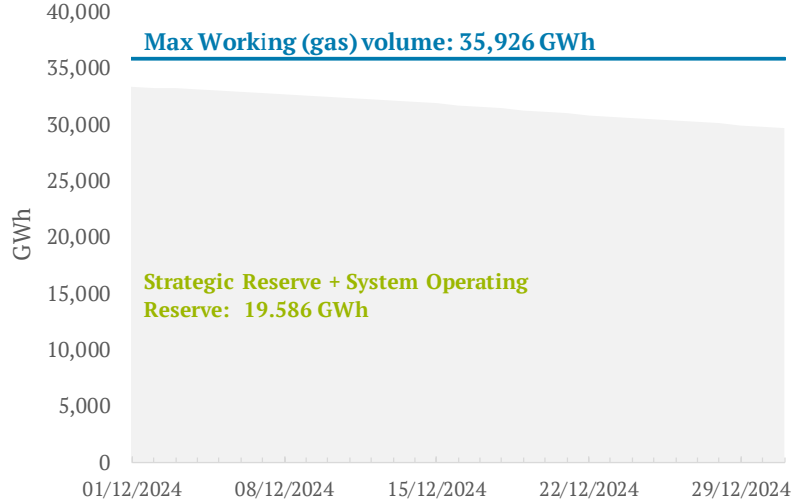


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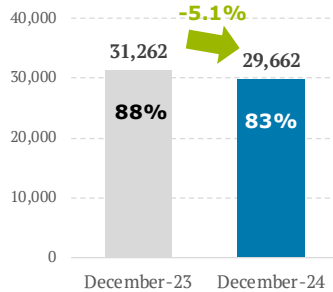
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6. UGS activity

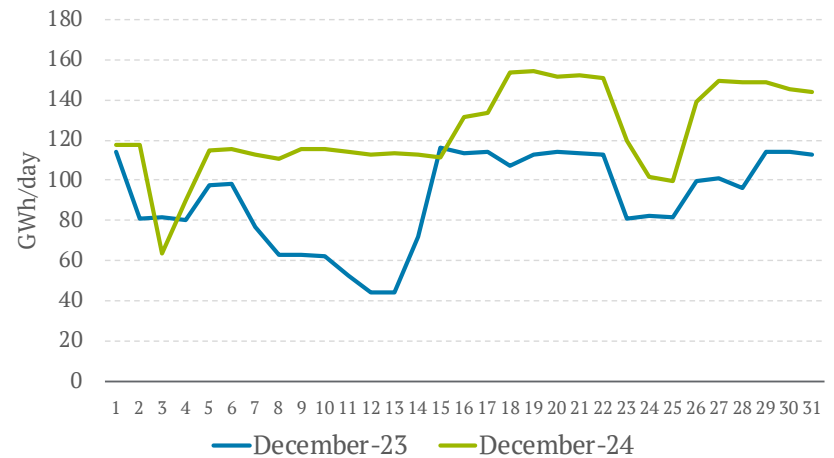
Working gas evolution



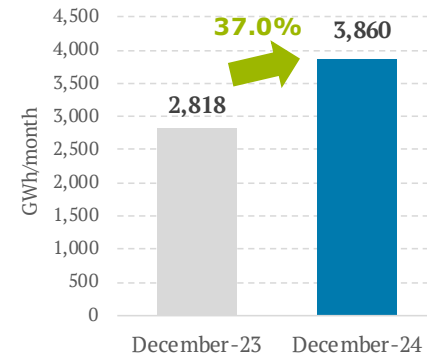
Working (gas) final stocks and % filled



Daily withdrawal/injection



Net injection/withdrawal





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

7. Operating notes and other relevant facts

Operating notes:

- In December 2024, no operating notes has been published.

Relevant facts:

- No relevant fact has been published this month



