

Statistical bulletin

April 2024

PRELIMINARY

Technical Management of the System

GTS_DEMANDA@enagas.es

June-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

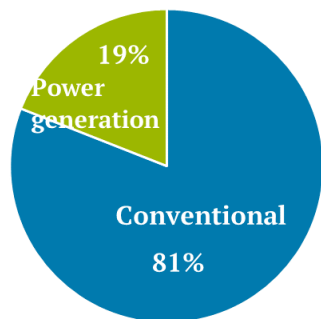
6. Underground Storage activity

7. Operating notes and other relevant facts

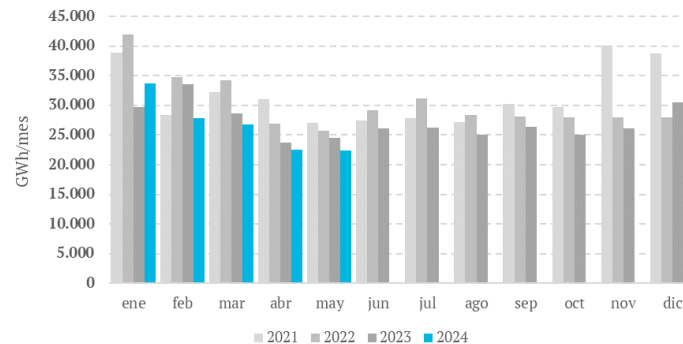
1. Evolution of gas demand

GWh	Monthly accumulated		Annual accumulated		Moving Annual Total	
	May-2024	%Δ s/2023	Jan-May 2024	%Δ s/2023	MAT: Jun 2023-May 2024	%Δ MAT vs 2023
National Market demand	22,455	-8.5%	133,278	-4.9%	318,686	-2.1%
Conventional	18,181	3.3%	108,393	2.2%	232,180	1.0%
Power generation	4,274	-38.3%	24,885	-27.0%	86,506	-9.6%
International Market demand	3,250	-65.8%	14,569	-63.2%	50,259	-33.2%
International conections exports	2,051	-72.0%	10,353	-63.2%	35,561	-33.3%
LNG Vessel loading	1,199	-44.7%	4,216	-63.2%	14,698	-33.0%
TOTAL	25,705	-24.5%	147,847	-17.7%	368,944	-8.0%

National market demand May 2024

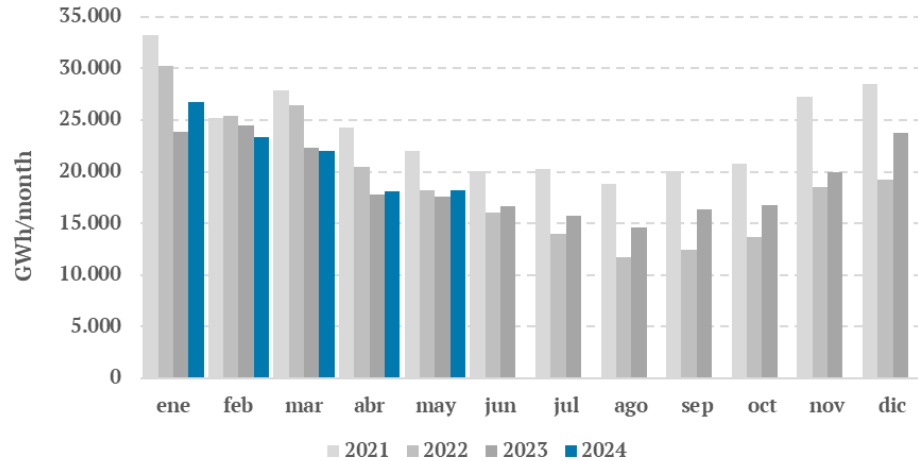


Demanda Total

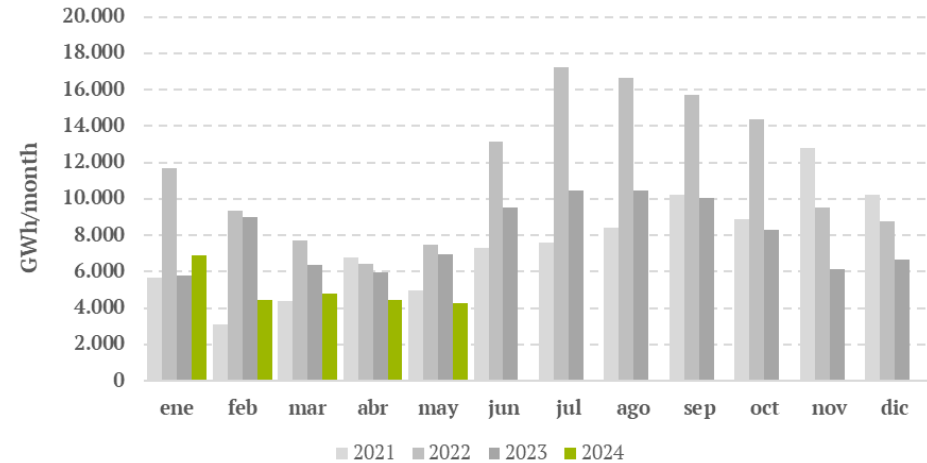


1. Evolution of gas demand

Final Demand



Demand for Power generation



1.1 Evolution of gas demand. Conventional

Demand

 Conventional market

+3.3%

greater than the previous year

Temperatures

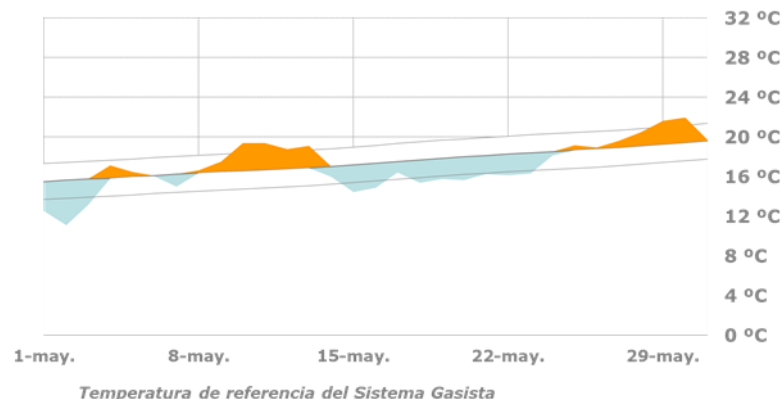


-0.5°C

less than the previous year

Demand	Conventional demand		Accumulated		MAT	
	May 2024 (*)		May 2024		May24-June23	
	GWh	%24 s/23	GWh	%24 s/23	GWh	% MAT s/23
Calendar	18,181	3.3%	108,430	2.2%	232,217	1.0%
Temperature		0.0%		0.6%		0.7%
Amended demand		2.5%		-1.0%		-0.5%
		0.8%		2.6%		0.8%

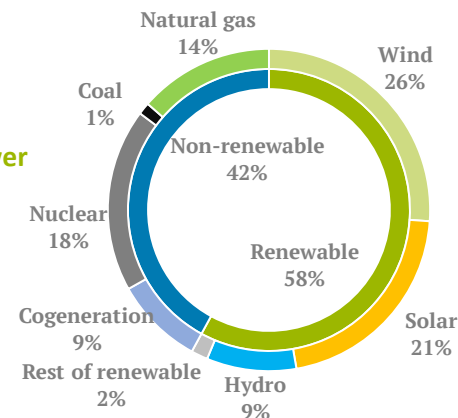
* The sum of the correction factors is equal to % of total demand



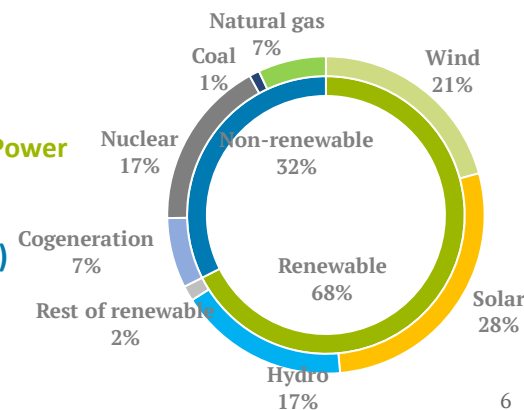
1.2 Power generation– electricity generation mix

TWh (e)	2023 May 1 st to 31 st	2024 May 1 st to 31 st	Δ 2024 vs 2023	% Δ 2024 vs 2023
Power generation	17.5	18.2	0.8	4.4%
Wind	5.3	4.2	-1.1	-20.6%
use of installed capacity [GW]	29.7	30.4	0.7	2.3%
% utilization of total installed	24%	19%		
Solar	4.3	5.7	1.4	31.3%
use of installed capacity [GW]	23.7	28.1	4.4	18.6%
% utilization of total installed	25%	27%		
Hydro	1.8	3.6	1.7	93.2%
Rest of renewable	0.3	0.3	0.0	-7.6%
Cogeneration	1.8	1.5	-0.4	-19.9%
Nuclear	3.8	3.5	-0.2	-5.8%
Coal	0.2	0.2	0.0	-14.2%
Natural gas	2.8	1.4	-1.4	-48.9%
International exchanges	-1.7	-1.0	0.7	-40.9%
France	exportacion	exportacion		
Portugal	-0.2	0.4	0.6	
Morocco	-1.4	-1.1	0.3	
	-0.1	-0.3	-0.19	

2023
Gas demand for Power
Generation
6.9 TWh (g)



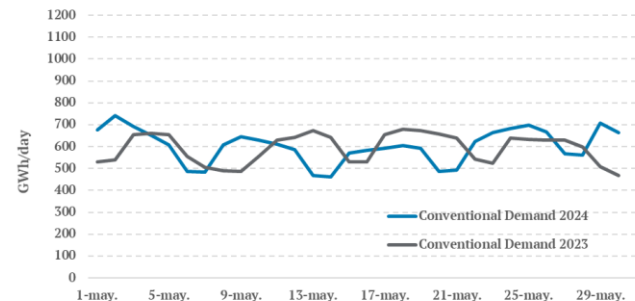
2024
Gas demand for Power
Generation
4.3 TWh (g)



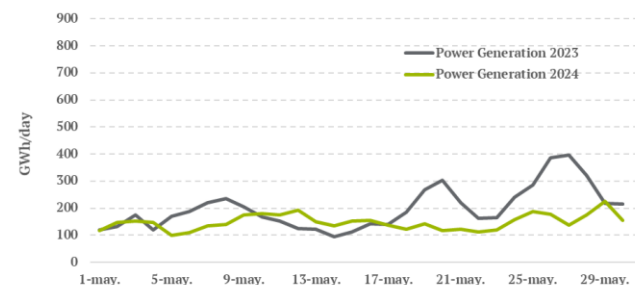
1.3 Evolution of CCAA gas demand

GWh	CONVENTIONAL DEMAND (without LNG trucks)		POWER GENERATION		LNG trucks	
	May-2024	%Δ vs May 2023	May-2024	%Δ vs May 2023	May-2024	%Δ vs May 2023
Andalucía	2,047	2.5%	687	-48.9%	202	16.1%
Aragón	915	-11.3%	39	-86.0%	45	-2.3%
Asturias	499	26.2%	120	-68.2%	31	12.8%
Baleares	107	6.2%	571	-12.6%	11	13.2%
Cantabria	223	-30.4%	0	0.0%	27	22.4%
Castilla - La Mancha	866	-8.0%	276	728.7%	52	-0.1%
Castilla y León	1,384	8.9%	0	0.0%	62	17.3%
Cataluña	3,204	-4.5%	907	-25.9%	116	-13.2%
Comunidad Valenciana	2,206	-0.1%	221	-51.1%	125	25.2%
Extremadura	149	12.1%	0	0.0%	25	-18.8%
Galicia	898	13.3%	352	-54.1%	54	-4.3%
La Rioja	163	10.4%	142	-17.1%	4	-70.5%
Madrid	1,222	11.0%	0	0.0%	131	59.3%
Murcia	1,270	34.0%	534	-42.2%	51	5.1%
Navarra	431	-1.8%	39	-85.3%	17	5.1%
País Vasco	1,594	7.1%	385	-12.1%	38	-6.5%

Daily evolution Conventional Demand



Daily evolution Power Generation

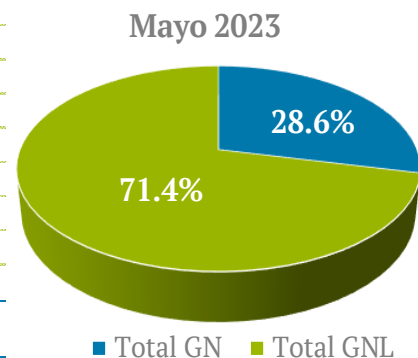
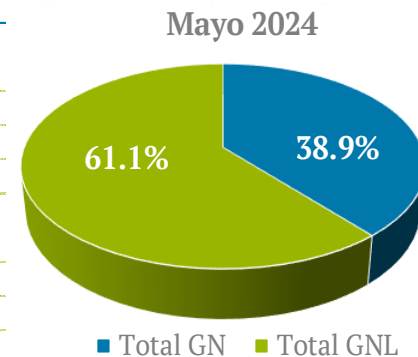




1. Evolution of gas demand
 1. Conventional demand
 2. Power generation
 3. CCAA
2. **Demand coverage**
 1. **Origin of supplies**
 2. **Interconnection Points**
3. Renewable gases
4. TVB activity
5. Regasification Plants activity
6. Underground Storage activity
7. Operating notes and other relevant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

2.1 Demand coverage: Origin of supplies

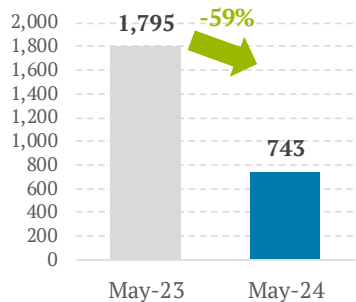
Unit: GWh		Monthly accumulated		Annual accumulated		Moving Annual Total		
		May-2024	% s TOTAL	May-2023	Jan-May 2024	% s TOTAL	MAT: Jun 2023-May 2024	% s TOTAL
Algeria	NG	8,791	36.3%	7,853	43,007	36.1%	100,714	34.0%
	LNG	1,477		1,971	10,412		24,465	
Russia	LNG	6,416	22.7%	9,663	33,269	22.5%	72,487	19.7%
United States	LNG	3,893	13.8%	1,964	28,777	19.4%	76,173	20.7%
Nigeria	LNG	2,932	10.4%	6,813	12,635	8.5%	39,329	10.7%
France	GN	1,410	5.0%	260	5,881	4.0%	14,985	4.4%
	GNL	0		0	0		1,089	
Qatar	GN	1,742	6.2%	877	4,364	2.9%	12,320	3.3%
Portugal	LNG	743	2.6%	1,795	3,930	2.7%	8,998	2.4%
Belgium	LNG	0	0.0%	0	2,128	1.4%	2,128	0.6%
Norway	LNG	0	0.0%	0	1,847	1.2%	4,630	1.3%
TVB *	LNG	0	0.0%	0	740	0.5%	740	0.2%
National deposits	LNG	24	0.1%	10	96	0.1%	264	0.1%
National Biomethane	LNG	17	0.1%	16	81	0.1%	184	0.0%
Angola	LNG	0	0.0%	1,032	0	0.0%	1,052	0.3%
Cameroon	LNG	0	0.0%	0	0	0.0%	1,103	0.3%
Peru	LNG	0	0.0%	1,084	0	0.0%	2,782	0.8%
Trinidad	LNG	821	2.9%	1,372	821	0.6%	3,534	1.0%
Egypt	NG	0	0.0%	0	0	0.0%	1,721	0.5%
TOTAL		28,264	100%	34,709	147,990	100%	368,697	100%



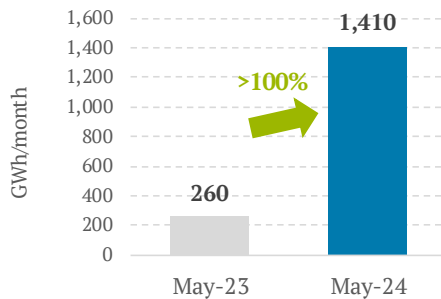
(*) unloading from a previous recharge at a Spanish terminal

2.1 Demand coverage : Interconnection Points

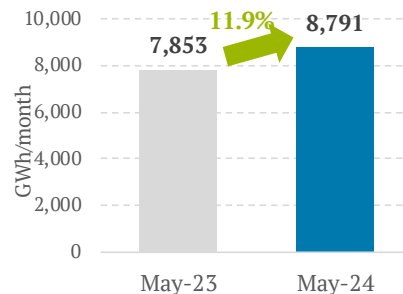
VIP IBERICO (imports)



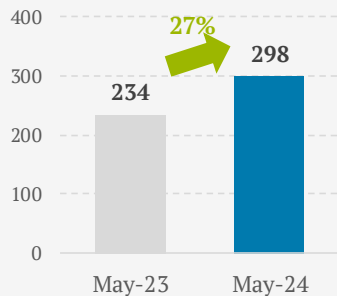
VIP PIRINEOS (imports)



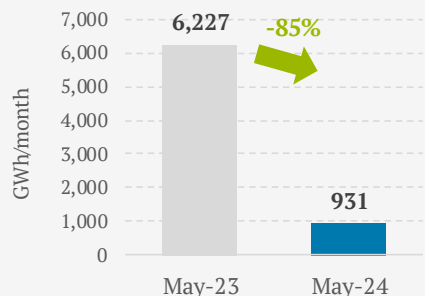
ALMERIA (imports)



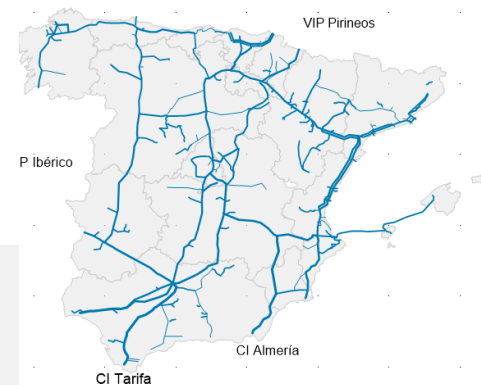
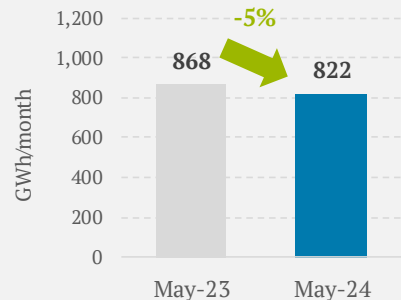
VIP IBERICO (exports)



VIP PIRINEOS (exports)



TARIFA (exports)



(*) SL-ATR data

2.1 Demand coverage : Interconnection Points

Net balances

GWh	Monthly accumulated			Annual accumulated		Moving Annual Total	
	May-2023	May-2024	%Δ s/2023	Jan-May 2024	%Δ s/2023	MAT: Jun 2023-May 2024	%Δ MAT vs 2023
Tarifa	-868	-822	-5.3%	-3,646	-2.5%	-9,379	-1.0%
Almería	7,853	8,791	11.9%	43,007	15.7%	100,684	6.2%
VIP Ibérico	1,561	445	-71.5%	1,694	-79.5%	9,947	-39.8%
VIP Pirineos	-5,967	479	<-100%	1,410	<-100%	-5,775	-74.8%
National Deposits	10	24	>100%	96	-3.9%	264	-1.4%
Biogas	20	29	42.4%	137	63.4%	297	21.8%
Total	2,609	8,945	242.8%	42,699	63.3%	96,039	20.8%

+ Transport network input

- Transport network output

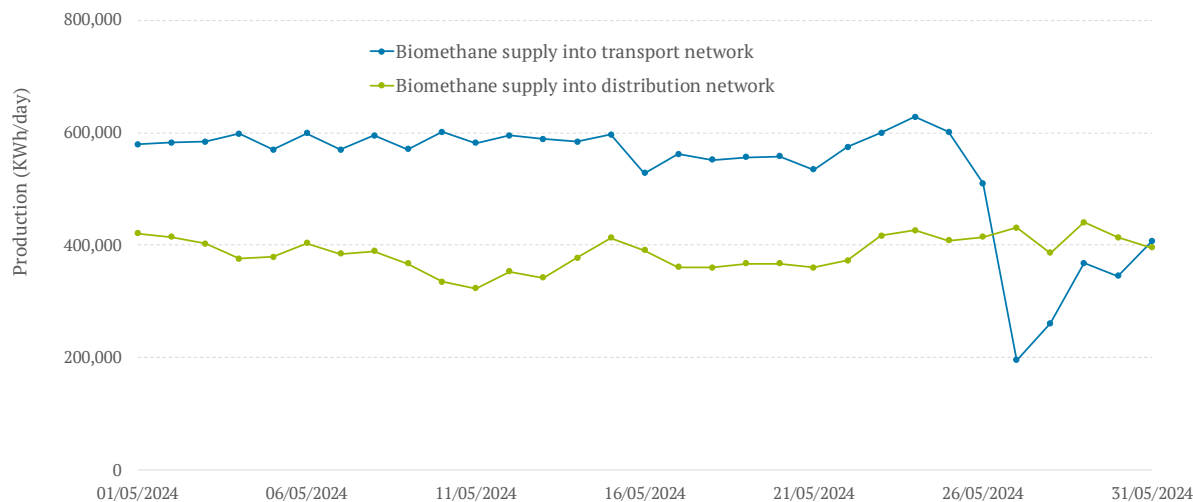


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3. Renewable gases

BIOGAS production into Transport and Distribution Network

Unidad: GWh	Monthly Accumulated			Annual Accumulated		Moving Annual Total	
	May-2023	May-2024	%Δ vs 2023	Jan-May 2024	%Δ vs 2023	MAT: Jun 2023-May 2024	%Δ vs 2023
Biomethane injected into transport network	16.6	15.9	4.6%	80.9	18.0%	183.6	7.2%
Biomethane injected into distribution network	12.0	4.2	>100%	56.3	>100%	113.8	56.1%
Total	28.6	20.1	42.4%	137.2	63.4%	297.4	21.8%



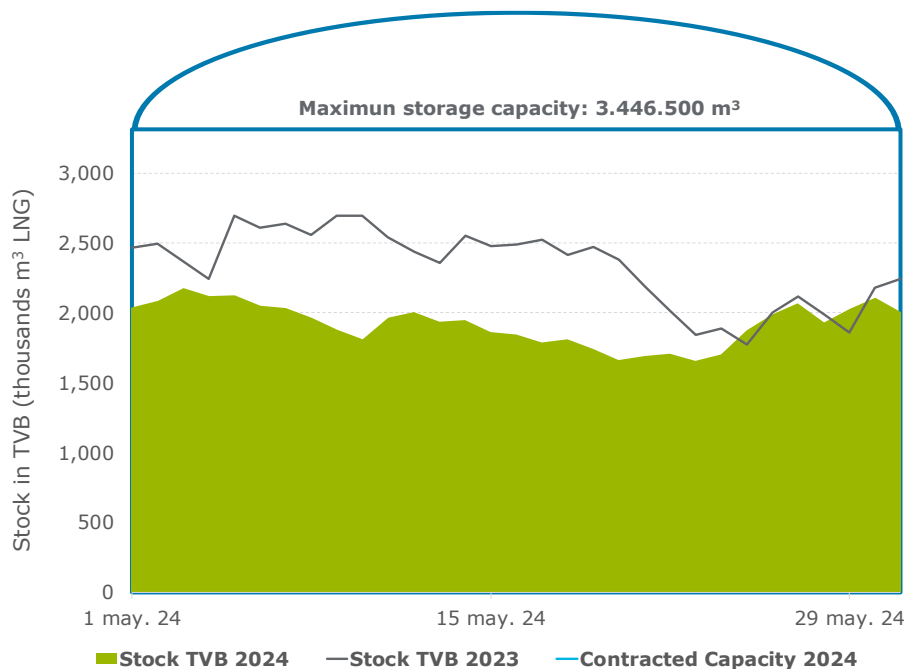
(*) Table: Allocation data from the SL-ATR



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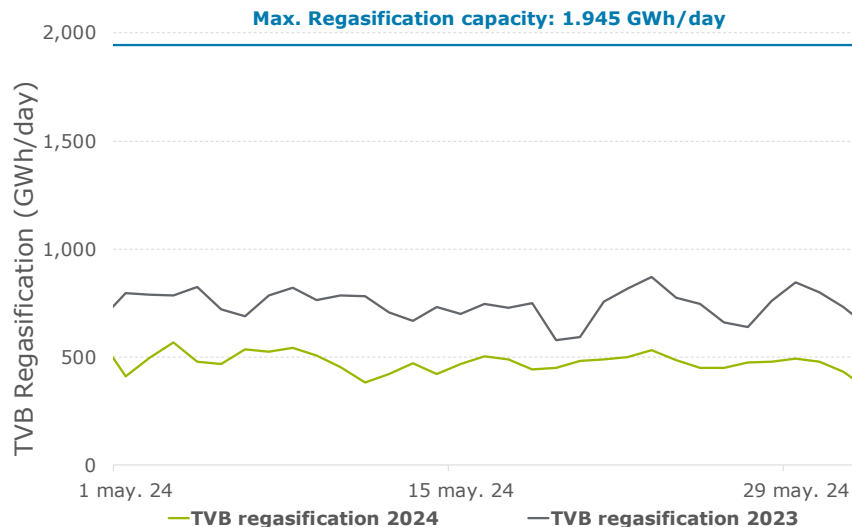
4. TVB activity

TVB stock evolution



In may-24, the average TVB stock represents 71% of the average contracted capacity during that month

Regasification in TVB



May 2024

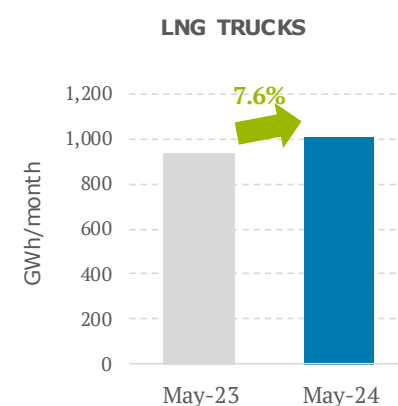
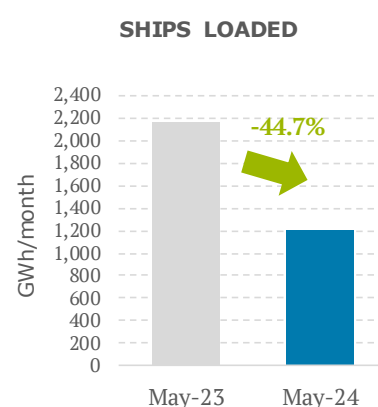
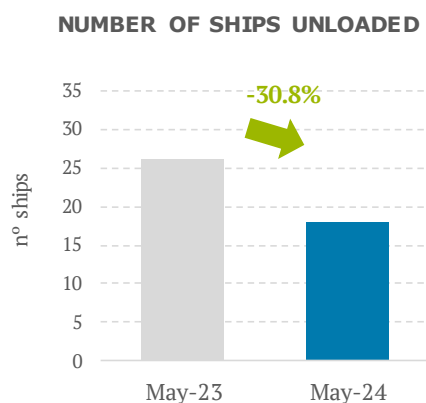
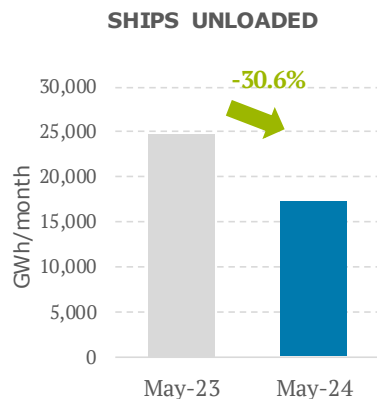
	GWh/month
Total regasification capacity	60,295
Contracted regasification capacity	15,284
Available regasification capacity	45,011
Commercial regasification	14,776



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5. Regasification plants activity

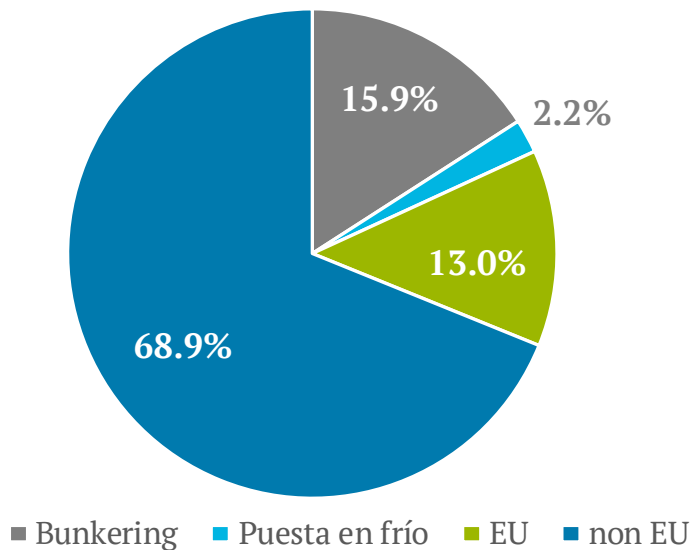
GWh	Ships Unloaded			Number of Ships Unloaded			Ships Loaded			LNG Trucks		
	May-2023	May-2024	%Δ s/2023	May-2023	May-2024	%Δ s/2023	May-2023	May-2024	%Δ s/2023	May-2023	May-2024	%Δ s/2023
BARCELONA	877	3,103	>100%	1	4	>100%	132	272	>100%	202	195	-3.3%
HUELVA	7,063	2,884	-59.2%	7	3	-57.1%	60	187	>100%	189	198	4.7%
CARTAGENA	4,478	2,332	-47.9%	6	2	-66.7%	958	0	-100.0%	159	185	16.6%
BILBAO	5,107	4,269	-16.4%	5	4	-20.0%	609	0	-	118	115	-2.5%
SAGUNTO	3,963	1,549	-60.9%	4	2	-50.0%	0	0	>100%	158	183	15.8%
MUGARDOS	3,287	3,062	-6.9%	3	3	0.0%	408	740	81.3%	111	78	-30.1%
MUSEL (*)	0	0	-	0	0	-	0	0	-	0	54	>100%
Total	24,775	17,199	-30.6%	26	18	-30.8%	2,168	1,199	-44.7%	937	1,009	7.6%



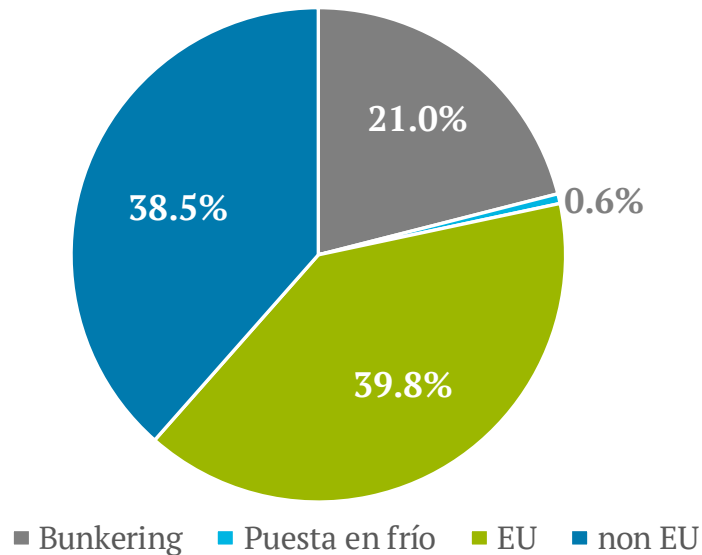
(*) Unloads at El Musel terminal in order to carry out the commissioning of the terminal.

5. Regasification plants activity

Destination of cargoes. May 2024



Destination of cargoes. January-May 2024



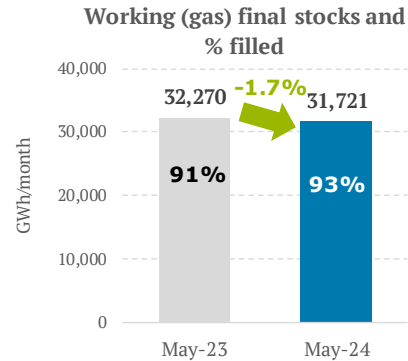
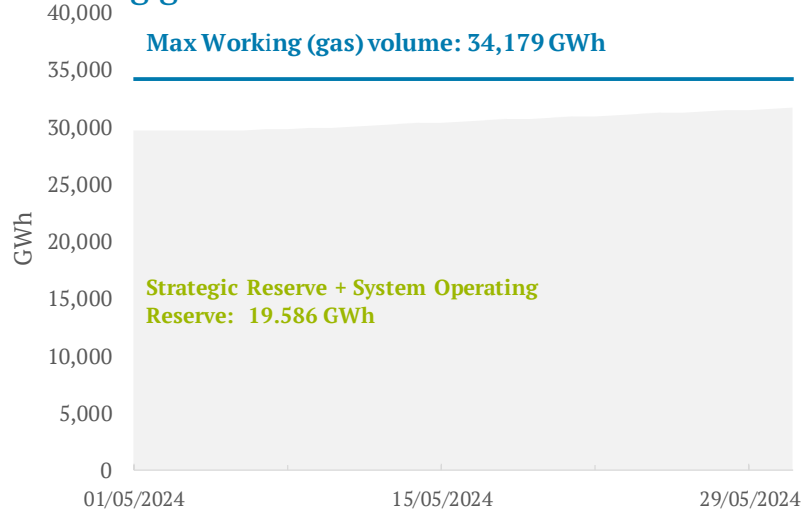
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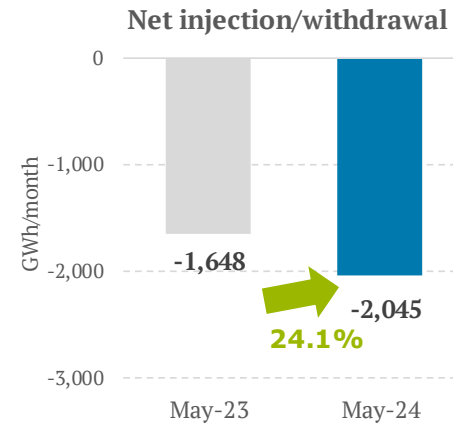
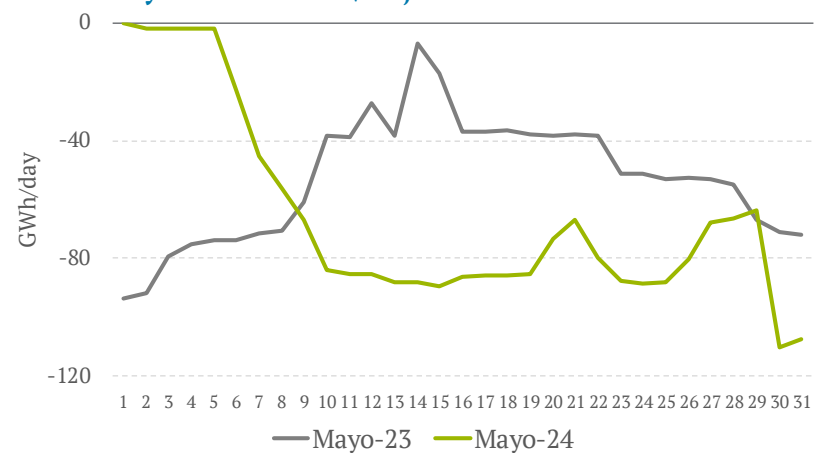
6. UGS activity

Working gas evolution



In May-24, stock at AVB represent 89% of the contracted capacity during that month

Daily withdrawal/injection





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

7. Operating notes and other relevant facts

Operating notes:

- In May 2024, no Operation note has been published.

Relevant facts:

- No relevant fact has been published this month



