

Statistical bulletin

April 2024

PRELIMINARY

Technical Management of the System

GTS_DEMANDA@enagas.es

May-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

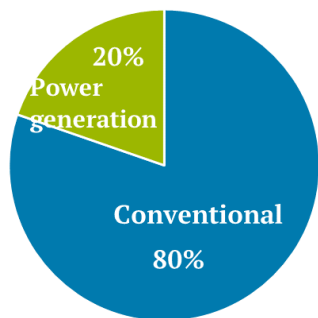
6. Underground Storage activity

7. Operating notes and other relevant facts

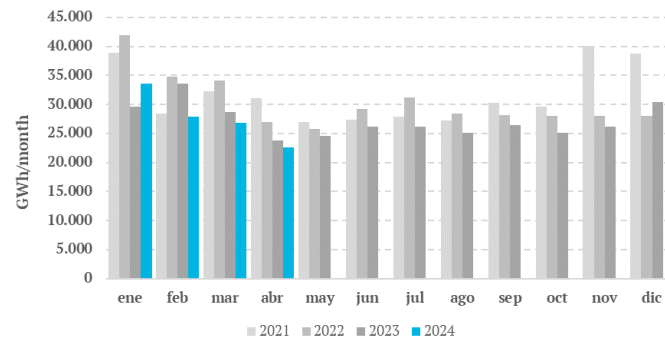
1. Evolution of gas demand

GWh	Monthly accumulated		Annual accumulated		Moving Annual Total	
	Apr-2024	%Δ s/2023	Jan-Apr 2024	%Δ s/2023	MAT: May 2023-Apr 2024	%Δ MAT vs 2023
National Market demand	22,557	-4.9%	110,797	-4.2%	320,736	-1.5%
Conventional	18,110	2.0%	90,249	2.0%	231,638	0.8%
Power generation	4,447	-25.6%	20,548	-24.4%	89,098	-6.9%
International Market demand	2,533	-73.1%	11,319	-62.4%	56,506	-24.9%
International connections exports	2,080	-73.4%	8,302	-60.1%	40,839	-23.4%
LNG Vessel loading	453	-71.5%	3,017	-67.5%	15,667	-28.6%
TOTAL	25,090	-24.3%	122,116	-16.2%	377,242	-5.9%

National market demand April 2024

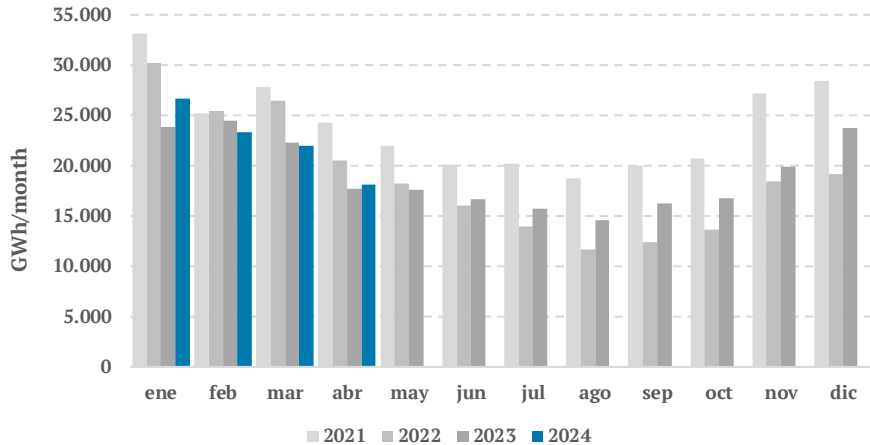


Total Demand

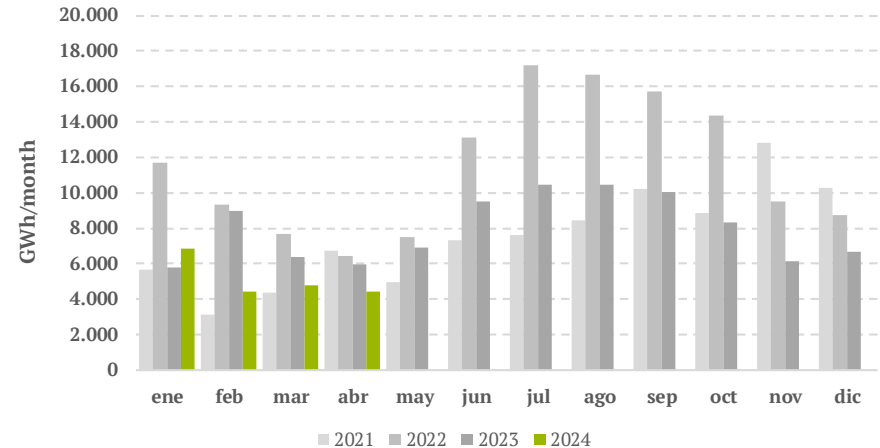


1. Evolution of gas demand

Final Demand



Demand for Power generation



1.1 Evolution of gas demand. Conventional

Demand

 Conventional market

+2.0% 

greater than the previous year

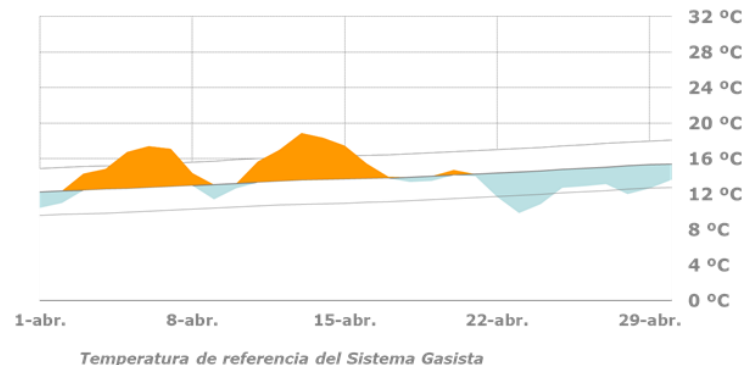
Temperatures



-1.6°C 

less than the previous year

Demand	Conventional demand		Accumulated		MAT	
	April 2024 (*)		April 2024		Aprli24-May23	
	GWh	%24 s/23	GWh	%24 s/23	GWh	% MAT s/23
	18,110	2.0%	90,249	2.0%	231,638	0.8%
Calendar		10.7%		0.7%		0.4%
Temperature		5.4%		-1.7%		-0.6%
Amended demand		-14.1%		3.1%		1.0%

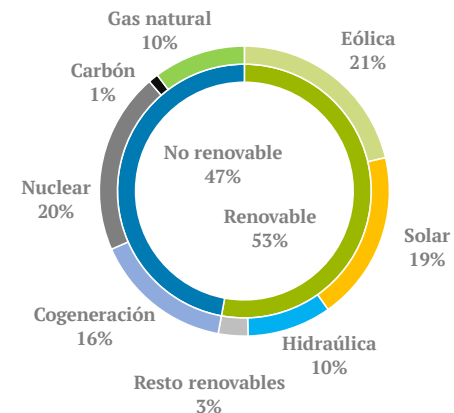


* The sum of the correction factors is equal to % of total demand

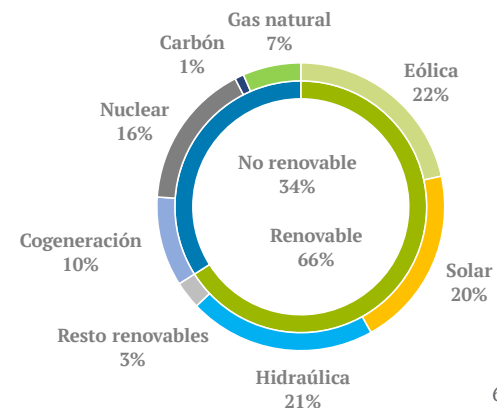
1.2 Power generation– electricity generation mix

TWh (e)	2023 April 1 st to 30 st	2024 April 1 st to 30 st	Δ 2024 vs 2023	% Δ 2024 vs 2023
Power generation	16,5	17,8	1,2	7,5%
Wind	4,8	4,6	-0,2	-3,8%
use of installed capacity [GW]	29,7	30,3	0,6	2,0%
% utilization of total installed	23%	21%		
Solar	4,3	4,4	0,1	1,8%
use of installed capacity [GW]	23,5	27,9	4,4	18,7%
% utilization of total installed	25%	22%		
Hydro	2,1	4,5	2,4	112,6%
Rest of renewable	0,7	0,7	-0,1	-10,5%
Cogeneration	3,5	2,2	-1,4	-38,5%
Nuclear	4,6	3,5	-1,1	-23,0%
Coal	0,3	0,2	0,0	-14,6%
Natural gas	2,3	1,4	-0,9	-39,6%
International exchanges	-2,4	-1,2	1,2	-49,8%
exportacion	exportacion	exportacion		
France	-0,9	-0,9	0,0	
Portugal	-1,4	0,0	1,4	
Morocco	-0,1	-0,3	-0,16	

2023
Gas demand for Power
Generation
6.4 TWh (g)



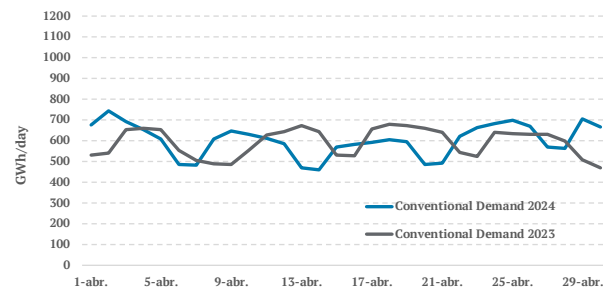
2024
Gas demand for Power
Generation
4.8 TWh (g)



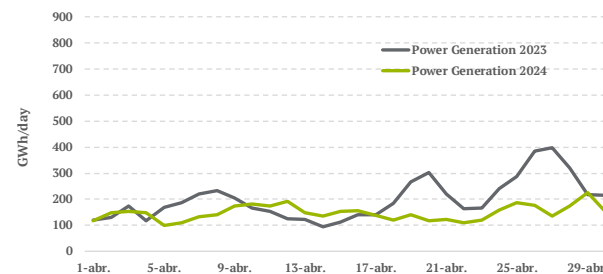
1.3 Evolution of CCAA gas demand

GWh	CONVENTIONAL DEMAND (without LNG trucks)		POWER GENERATION		LNG trucks	
	April-2024	%Δ vs April 2023	April-2024	%Δ vs April 2023	April-2024	%Δ vs April 2023
Andalucía	1,937	-15.8%	829	-28.9%	196	15.0%
Aragón	845	-11.4%	36	-42.8%	50	11.9%
Asturias	501	13.6%	91	-73.2%	33	64.4%
Baleares	100	1.9%	614	1.3%	9	19.8%
Cantabria	212	-31.8%	0	0.0%	28	8.2%
Castilla - La Mancha	822	-7.8%	231	33.5%	58	27.3%
Castilla y León	1,368	6.9%	0	0.0%	58	12.0%
Cataluña	3,338	10.1%	954	35.0%	114	-9.3%
Comunidad Valenciana	2,046	-2.8%	374	-45.1%	120	30.9%
Extremadura	154	21.6%	0	0.0%	27	4.3%
Galicia	848	3.2%	258	-61.3%	53	5.0%
La Rioja	182	19.8%	45	-63.3%	6	-12.0%
Madrid	1,668	40.2%	0	0.0%	134	55.0%
Murcia	1,193	-3.4%	618	-17.7%	54	15.8%
Navarra	434	-5.1%	38	-84.0%	14	-7.9%
País Vasco	1,456	-0.2%	365	-20.0%	33	-12.4%

Daily evolution Conventional Demand



Daily evolution Power Generation

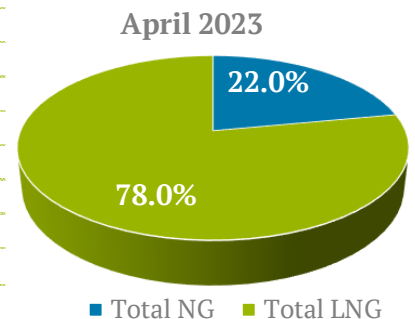
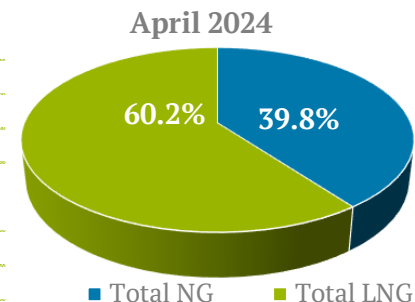




1. Evolution of gas demand
 1. Conventional demand
 2. Power generation
 3. CCAA
2. **Demand coverage**
 1. **Origin of supplies**
 2. **Interconnection Points**
3. Renewable gases
4. TVB activity
5. Regasification Plants activity
6. Underground Storage activity
7. Operating notes and other relevant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

2.1 Demand coverage: Origin of supplies

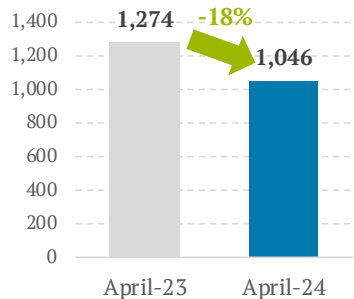
Unit: GWh		Monthly accumulated		Annual accumulated		Moving Annual Total		
		Apr-2024	% s TOTAL	Apr-2023	Jan-Apr 2024	% s TOTAL	MAT: May 2023-Apr 2024	% s TOTAL
Algeria	NG	8,418		6,958	34,217		99,777	
	LNG	3,933	46.1%	2,439	8,935	36.0%	24,959	33.2%
Russia	LNG	5,342	19.9%	6,513	26,854	22.4%	75,734	20.2%
United States	LNG	2,143	8.0%	9,193	24,885	20.8%	74,213	19.8%
Nigeria	LNG	2,682	10.0%	4,841	9,703	8.1%	43,211	11.5%
France	GN	1,166		204	4,471		13,835	
	GNL	0	4.3%	0	0	3.7%	1,089	4.0%
Portugal	GN	1,046	3.9%	1,274	3,187	2.7%	10,050	2.7%
Qatar	LNG	0	0.0%	877	2,623	2.2%	11,455	3.1%
Belgium	LNG	1,106	4.1%	0	2,128	1.8%	2,128	0.6%
Norway	LNG	921	3.4%	933	1,847	1.5%	4,630	1.2%
TVB *	LNG	0	0.0%	0	740	0.6%	740	0.2%
National deposits	LNG	22	0.1%	8	73	0.1%	250	0.1%
National Biomethane	LNG	26	0.1%	19	109	0.1%	289	0.1%
Angola	LNG	0	0.0%	1,027	0	0.0%	2,084	0.6%
Cameroon	LNG	0	0.0%	1,098	0	0.0%	1,103	0.3%
Peru	LNG	0	0.0%	0	0	0.0%	3,865	1.0%
Trinidad	LNG	0	0.0%	0	0	0.0%	4,085	1.1%
Oman	NG	0	0.0%	1,940	0	0.0%	0	0.0%
Egypt	NG	0	0.0%	1,113	0	0.0%	1,721	0.5%
TOTAL		26,804	100%	38,436	119,771	100%	375,217	100%



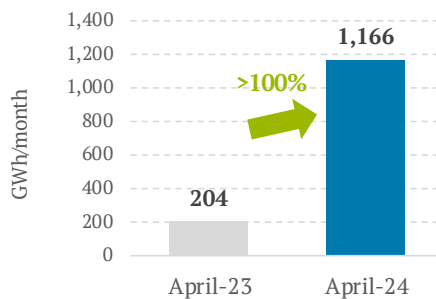
(*) unloading from a previous recharge at a Spanish terminal

2.1 Demand coverage : Interconnection Points

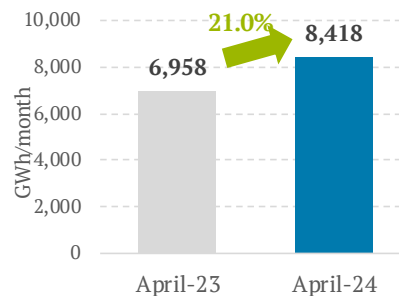
VIP IBERICO (imports)



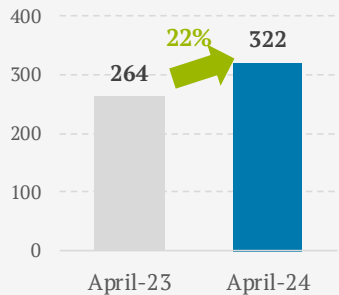
VIP PIRINEOS (imports)



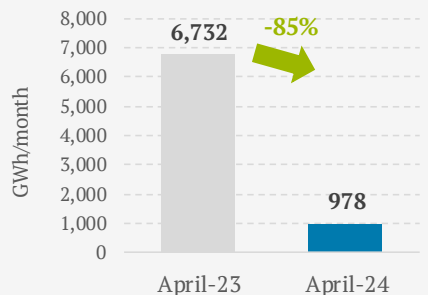
ALMERIA (imports)



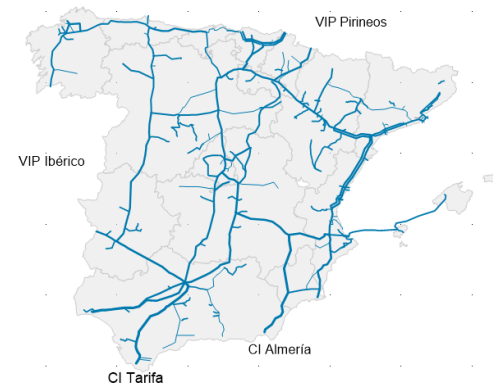
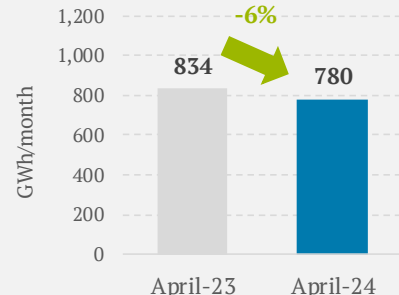
VIP IBERICO (exports)



VIP PIRINEOS (exports)



TARIFA (exports)



(*) SL-ATR data

2.1 Demand coverage : Interconnection Points

Net balances

GWh	Monthly accumulated			Annual accumulated		Moving Annual Total	
	Apr-2024	Apr-2023	%Δ s/2023	Jan-Apr 2024	%Δ s/2023	MAT: May 2023-Apr 2024	%Δ MAT vs 2023
Tarifa	-780	-834	-6.5%	-2,824	-1.6%	-9,425	-0.5%
Almería	8,418	6,958	21.0%	34,217	16.7%	99,747	5.2%
VIP Ibérico	724	1,009	-28.2%	1,249	-80.0%	11,532	-30.3%
VIP Pirineos	187	-6,528	<-100%	931	<-100%	-12,221	-46.7%
National Deposits	22	8	>100%	73	-19.5%	250	-6.6%
Biogas	26	19	41.5%	109	70.0%	289	18.3%
Total	8,598	631	1262.0%	33,754	46.3%	90,171	13.4%

+ Transport network input

- Transport network output

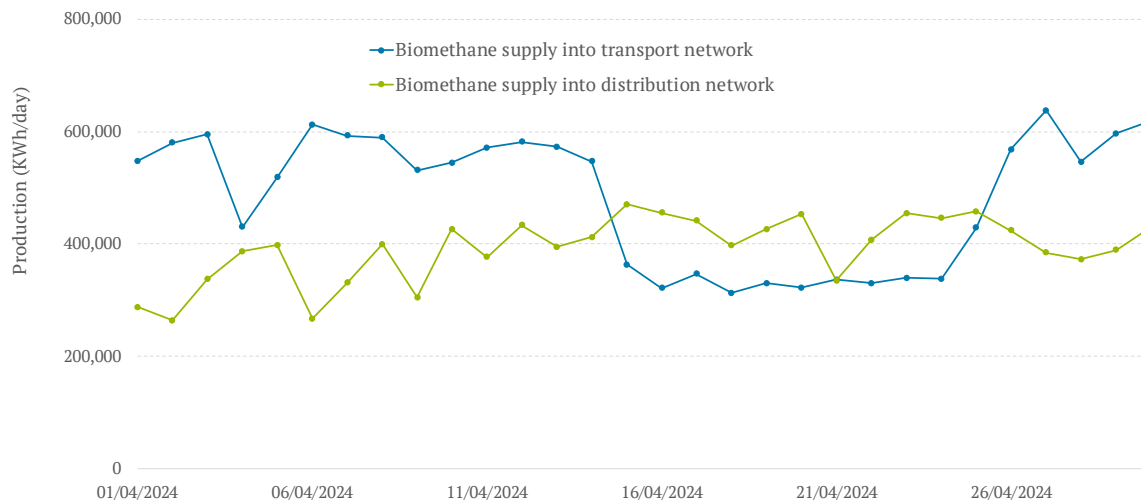


1. Evolution of gas demand
 1. Conventional demand
 2. Power generation
 3. CCAA
2. Demand coverage
 1. Origin of supplies
 2. Interconnection Points
3. Renewable gases
4. TVB activity
5. Regasification Plants activity
6. Underground Storage activity
7. Operating notes and other relevant facts

3. Renewable gases

BIOGAS production into Transport and Distribution Network

Unidad: GWh	Monthly Accumulated			Annual Accumulated		Moving Annual Total	
	Apr-2024	Apr-2023	%Δ vs 2023	Jan-Apr 2024	%Δ vs 2023	MAT: May 2023-Apr 2024	%Δ vs 2023
Biomethane injected into transport networ	14.5	15.7	-7.1%	64.3	22.1%	182.8	6.8%
Biomethane injected into distribution netw	11.8	2.9	>100%	44.3	>100%	106.0	45.4%
Total	26.3	18.6	41.5%	108.7	70.0%	288.9	18.3%



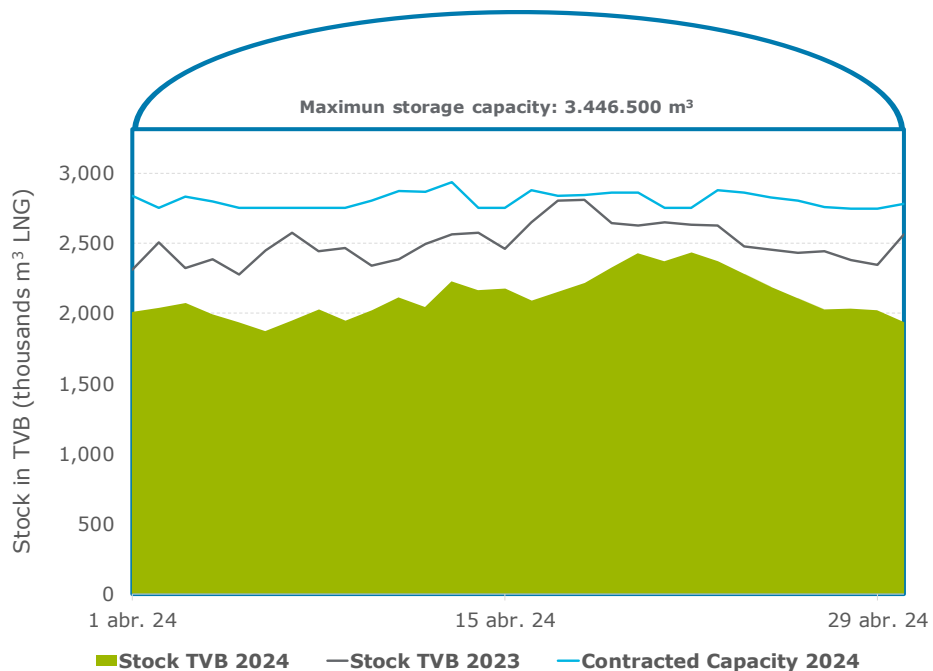
(*) Table: Allocation data from the SL-ATR



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

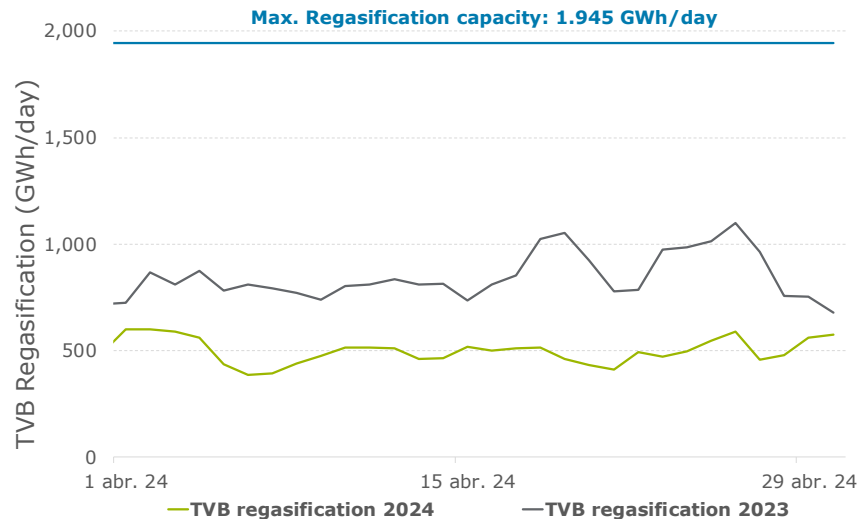
4. TVB activity

TVB stock evolution



In April-24, the average TVB stock represents 76% of the average contracted capacity during that month

Regasification in TVB



April 2024

GWh/month

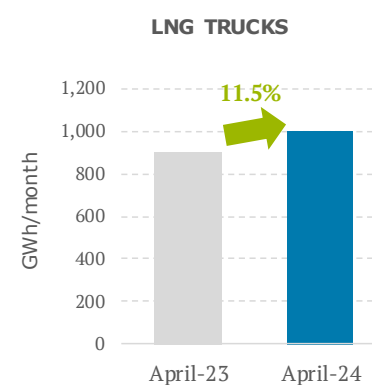
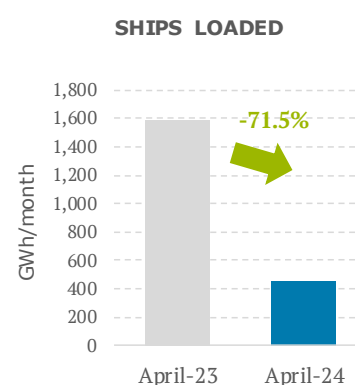
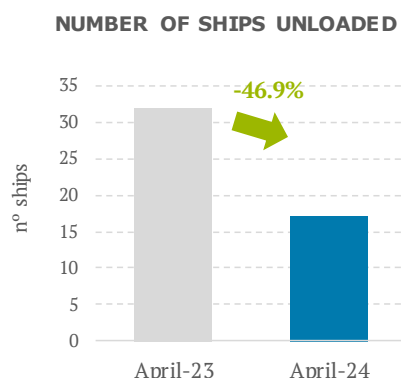
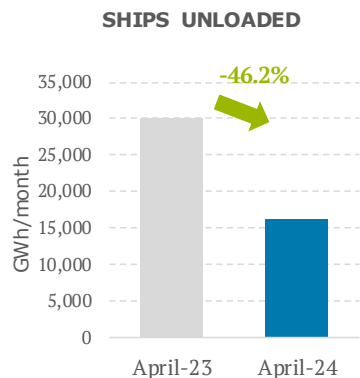
Total regasification capacity	58,350
Contracted regasification capacity	15,586
Available regasification capacity	42,764
Commercial regasification	14,955



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		
	Apr-2023	Apr-2024	%Δ s/2023	Apr-2023	Apr-2024	%Δ s/2023	Apr-2023	Apr-2024	%Δ s/2023	Apr-2023	Apr-2024	%Δ s/2023
BARCELONA	4,771	969	-79.7%	5	1	-80.0%	988	285	-71.2%	219	199	-9.2%
HUELVA	6,273	4,842	-22.8%	7	5	-28.6%	0	49	>100%	169	191	13.0%
CARTAGENA	5,616	1,984	-64.7%	6	3	-50.0%	0	26	>100%	154	183	19.5%
BILBAO	6,789	4,083	-39.9%	7	4	-42.9%	0	0	-	110	110	0.4%
SAGUNTO	3,368	2,076	-38.4%	4	2	-50.0%	453	0	-100.0%	147	186	25.9%
MUGARDOS	3,158	2,173	-31.2%	3	2	-33.3%	149	92	-38.2%	102	83	-18.8%
MUSEL (*)	0	0	-	0	0	-	0	0	-	0	52	>100%
Total	29,975	16,126	-46.2%	32	17	-46.9%	1,591	453	-71.5%	901	1,004	11.5%



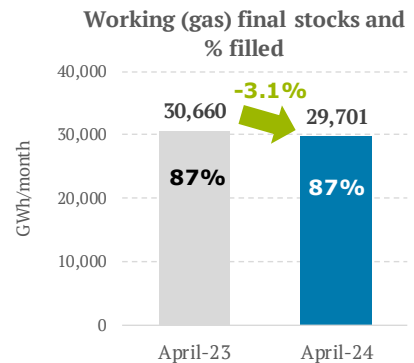
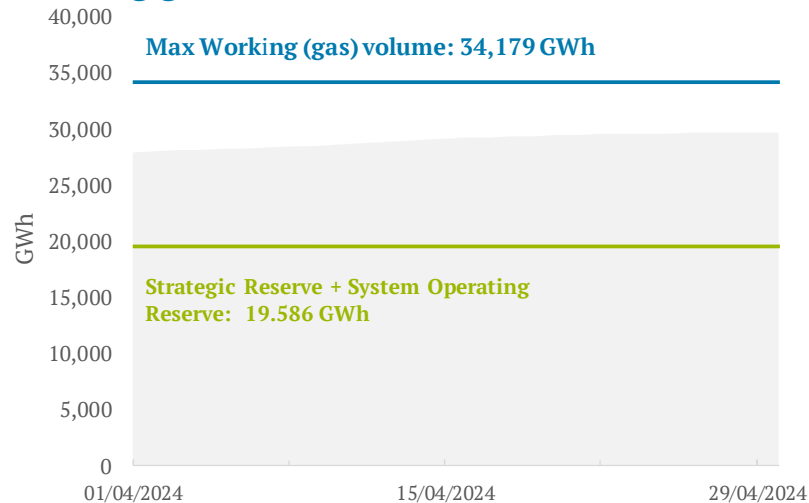
(*) Unloads at El Musel terminal in order to carry out the commissioning of the terminal.



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

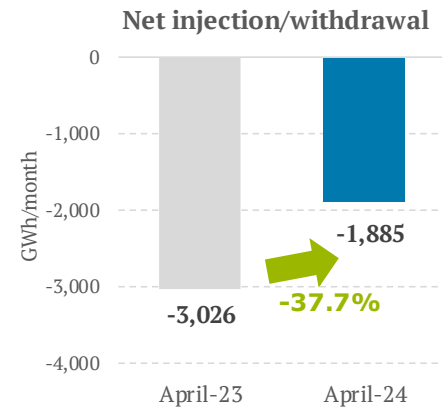
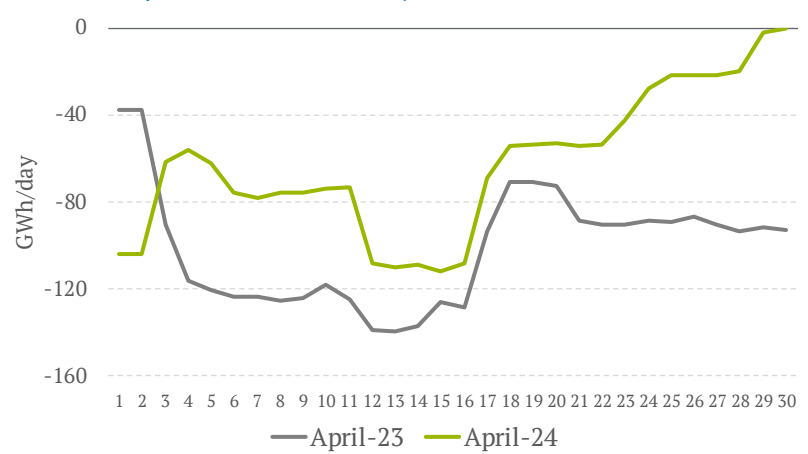
6. UGS activity

Working gas evolution



In April-24, stock at AVB represent 83% of the contracted capacity during that month

Daily withdrawal/injection





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 April 2024, no Operation note has been published.

Relevant facts:

- No relevant fact has been published this month



