

Statistical bulletin

June 2024

PRELIMINARY

Technical Management of the System

GTS_DEMANDA@enagas.es

July-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

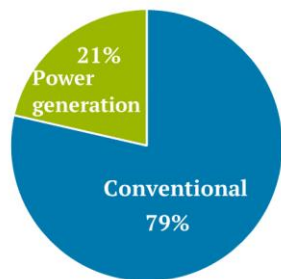
6. Underground Storage activity

7. Operating notes and other relevant facts

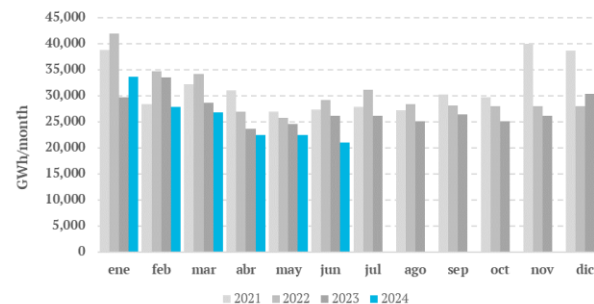
1. Evolution of gas demand

GWh	Monthly accumulated		Annual accumulated		Moving Annual Total	
	Jun-2024	%Δ s/2023	Jan-Jun 2024	%Δ s/2023	MAT: Jul 2023-Jun 2024	%Δ MAT vs 2023
National Market demand	20,980	-19.8%	154,248	-7.2%	313,504	-3.7%
Conventional	16,486	-1.0%	124,879	1.8%	232,015	0.9%
Power generation	4,494	-52.7%	29,369	-32.6%	81,489	-14.9%
International Market demand	3,916	-27.4%	18,485	-58.9%	48,781	-35.2%
International connections exports	2,104	-57.8%	12,457	-62.4%	32,673	-38.7%
LNG Vessel loading	1,812	>100%	6,028	-49.2%	16,108	-26.6%
TOTAL	24,896	-21.1%	172,733	-18.2%	362,286	-9.6%

National market demand Jun 2024

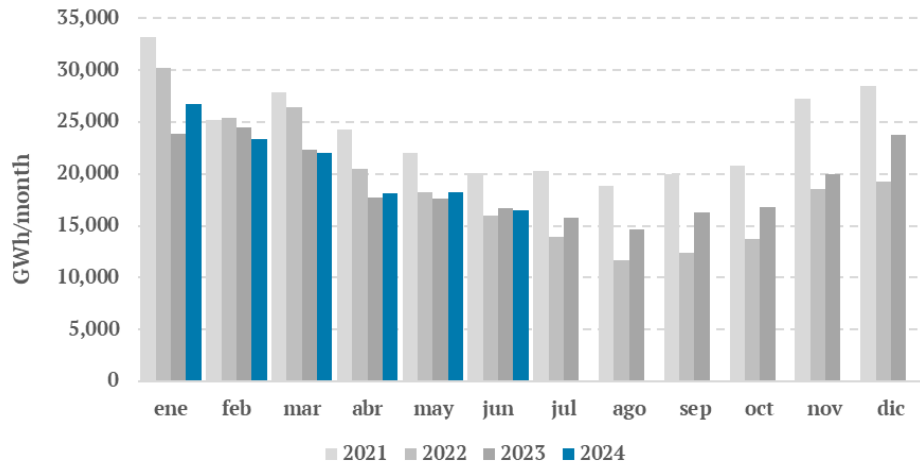


Total Demand

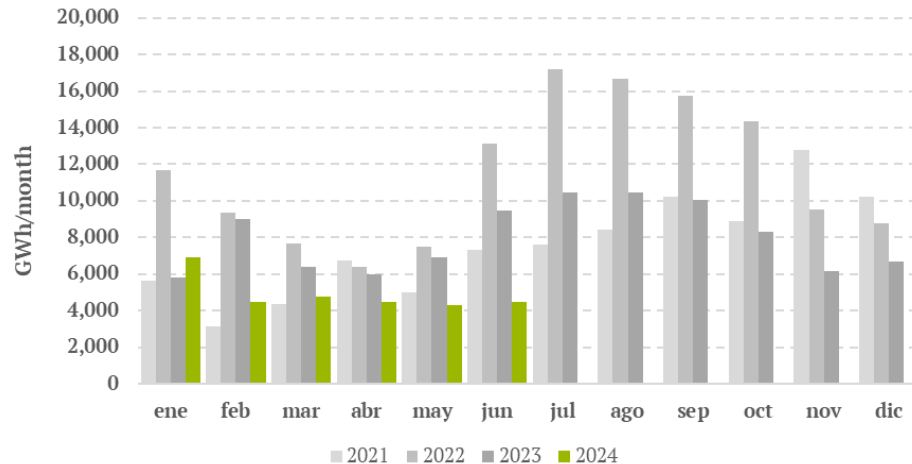


1. Evolution of gas demand

Final Demand



Demand for Power generation



1.1 Evolution of gas demand. Conventional

Demand



Conventional market

-1%



less than the previous year

Temperatures



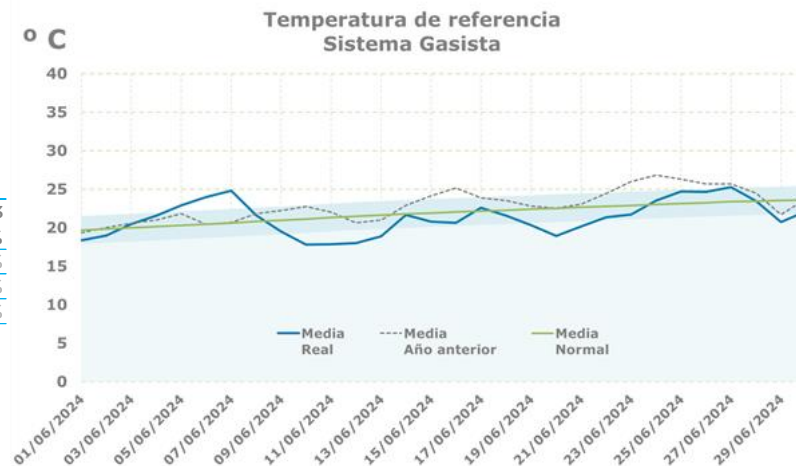
-1.5°C



less than the previous year

Demand	Conventional demand		Accumulated		MAT	
	June 2024 (*)	%24 s/23	Jan-June 2024	%24 s/23	Jun 24-Jul 23	% TAM s/23
	GWh		GWh		GWh	
	16,486	-1.0%	124,879	1.8%	232,015	0.9%
Calendar		-6.0%		0.4%		0.0%
Temperature		0.0%		-0.8%		-0.4%
Amended demand		5.0%		2.2%		1.4%

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



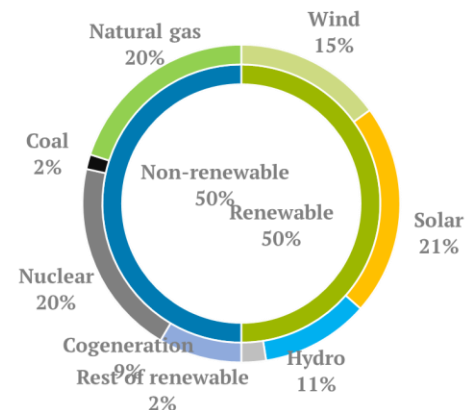
1.2 Power generation– electricity generation mix

TWh (e)

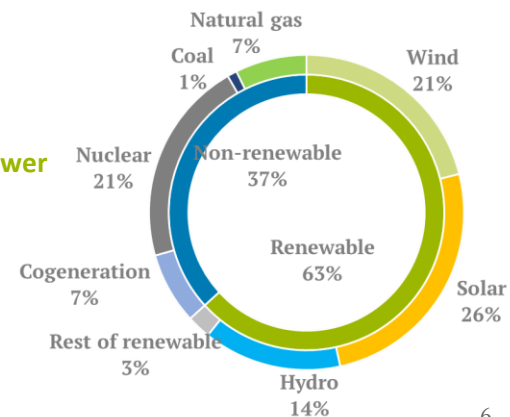
	2023 June 1 st to 30 st	2024 June 1 st to 30 st	Δ 2024 vs 2023	% Δ 2024 vs 2023
--	--	--	-------------------	------------------------

	2023 June 1 st to 30 st	2024 June 1 st to 30 st	Δ 2024 vs 2023	% Δ 2024 vs 2023
Power generation	18.5	18.3	-0.2	-1.3%
Wind	3.0	4.3	1.3	41.8%
use of installed capacity [GW]	30.6	30.6		
% utilization of total installed	15%	15%		
Solar	4.3	5.2	0.9	20.7%
use of installed capacity [GW]	28.6	28.6		
% utilization of total installed	21%	26%		
Hydro	2.2	2.9	0.7	32.1%
Rest of renewable	0.5	0.5	0.0	-1.6%
Cogeneration	1.7	1.5	-0.2	-13.1%
Nuclear	4.0	4.3	0.3	7.3%
Coal	0.3	0.2	-0.1	-32.8%
Natural gas	4.0	1.5	-2.5	-62.5%
International exchanges	-1.0	-1.2	-0.2	20.0%
	exportacion	exportacion		
France	0.1	0.5	0.4	
Portugal	-1.1	-1.5	-0.4	
Morocco	0.0	-0.2	-0.16	

2023
Gas demand for Power
Generation
9.5 TWh (g)



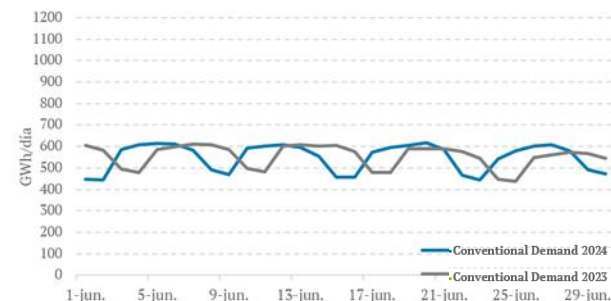
2024
Gas demand for Power
Generation
4.5 TWh (g)



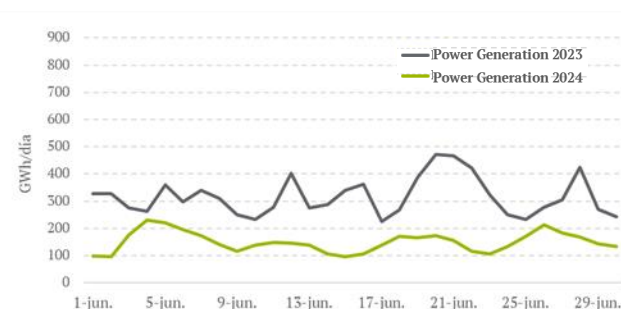
1.3 Evolution of CCAA gas demand

GWh	CONVENTIONAL DEMAND (without LNG trucks)		POWER GENERATION		LNG trucks	
	Jun-2024	%Δ vs Jun 2023	Jun-2024	%Δ vs Jun 2023	Jun-2024	%Δ vs Jun 2023
Andalucía	1,942	-7.1%	706	-66.5%	170	-13.8%
Aragón	893	-12.4%	146	-76.0%	42	-7.2%
Asturias	478	23.4%	215	-60.3%	30	12.4%
Baleares	94	-2.6%	640	-18.7%	9	-15.5%
Cantabria	203	-36.9%	0	0.0%	27	15.7%
Castilla - La Mancha	805	-5.0%	256	3243228.0%	42	-17.9%
Castilla y León	1,121	-2.8%	0	0.0%	49	-10.0%
Cataluña	2,891	-3.6%	696	-50.1%	99	-27.8%
Comunidad Valenciana	2,062	-0.1%	343	-50.3%	109	0.8%
Extremadura	139	2.9%	0	0.0%	28	-5.7%
Galicia	727	-3.5%	318	-68.9%	45	-20.5%
La Rioja	130	1.0%	177	157.3%	4	-51.7%
Madrid	1,024	5.5%	0	0.0%	147	84.6%
Murcia	1,185	22.3%	519	-41.8%	42	3.3%
Navarra	371	-2.5%	64	-92.2%	14	-4.9%
País Vasco	1,515	6.2%	420	-24.7%	32	-15.3%

Daily evolution Conventional Demand



Daily evolution Power Generation

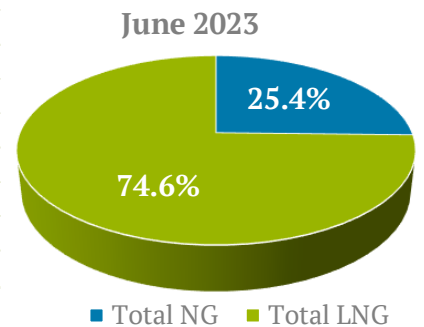
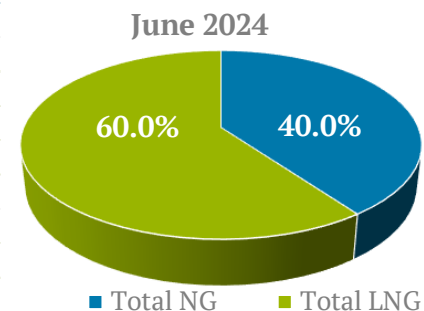




1. Evolution of gas demand
 1. Conventional demand
 2. Power generation
 3. CCAA
2. **Demand coverage**
 1. **Origin of supplies**
 2. **Interconnection Points**
3. Renewable gases
4. TVB activity
5. Regasification Plants activity
6. Underground Storage activity
7. Operating notes and other relevant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

2.1 Demand coverage: Origin of supplies

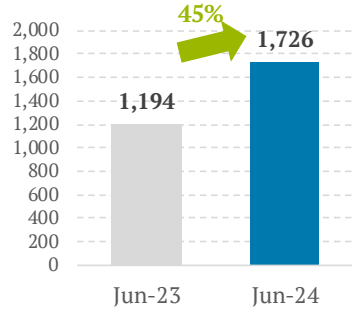
Unit: GWh		Monthly accumulated			Annual accumulated		Moving Annual Total	
		Jun-2024	% s TOTAL	Jun-2023	Jan-Jun 2024	% s TOTAL	Jul 2023 - Jun 2024	% s TOTAL
Algeria	NG	8,646	45.2%	5,039	51,654	37.3%	104,321	35.7%
	LNG	4,290		989	14,702		27,766	
Russia	LNG	5,681	19.9%	7,673	38,950	21.9%	70,495	19.1%
United States	LNG	3,279	11.5%	5,290	33,085	18.6%	75,191	20.3%
Nigeria	LNG	956	3.3%	2,879	13,591	7.6%	37,407	10.1%
France	GN	1,042	3.6%	1,000	6,923	3.9%	15,026	4.4%
	GNL	0		0	0		1,089	
Portugal	LNG	1,726	6.0%	1,194	5,656	3.2%	9,530	2.6%
Qatar	GN	0	0.0%	877	4,364	2.5%	11,444	3.1%
Norway	LNG	930	3.3%	0	2,777	1.6%	5,560	1.5%
Belgium	LNG	0	0.0%	0	2,128	1.2%	2,128	0.6%
Peru	LNG	1,139	4.0%	2,782	1,139	0.6%	1,139	0.3%
Trinidad *	LNG	0	0.0%	0	821	0.5%	3,534	1.0%
Congo	LNG	879	3.1%	0	879	0.5%	879	0.2%
TVB	LNG	0	0.0%	0	740	0.4%	740	0.2%
National deposits	NG	0	0.0%	18	96	0.1%	244	0.1%
National Biomethane	NG	28	0.1%	21	165	0.1%	304	0.1%
Egypt	LNG	0	0.0%	900	0	0.0%	821	0.2%
Angola	LNG	0	0.0%	0	0	0.0%	1,052	0.3%
Cameroon	LNG	0	0.0%	0	0	0.0%	1,103	0.3%
TOTAL		28,595	100%	28,660	177,671	100%	369,773	100%



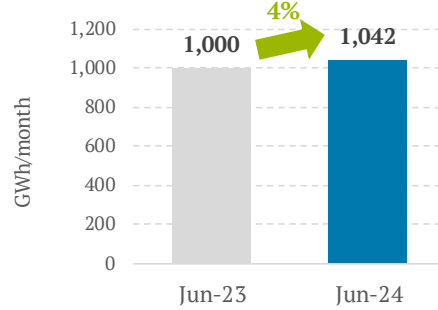
(*) unloading from a previous recharge at a Spanish terminal

2.1 Demand coverage : Interconnection Points

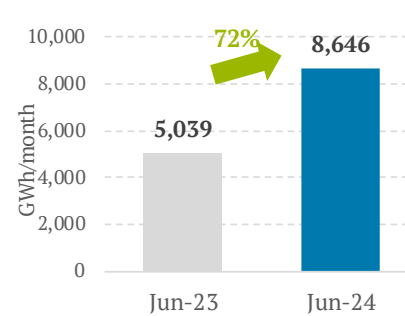
VIP IBERICO (imports)



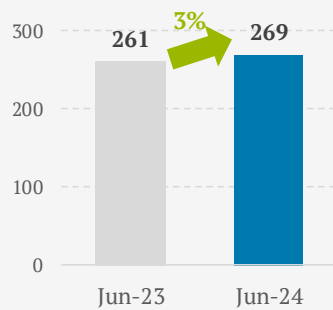
VIP PIRINEOS (imports)



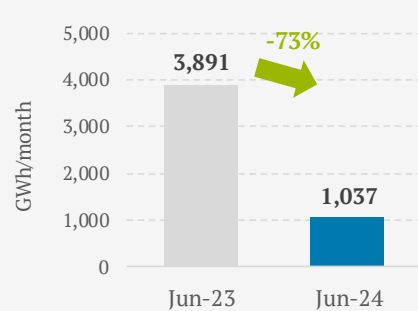
ALMERIA (imports)



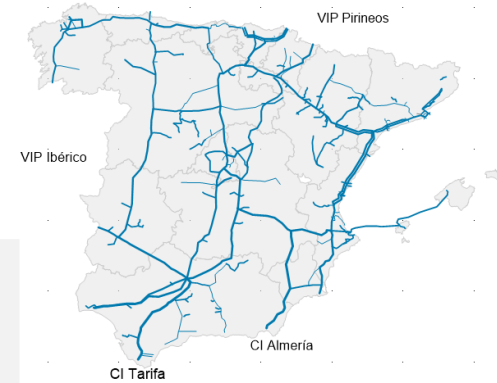
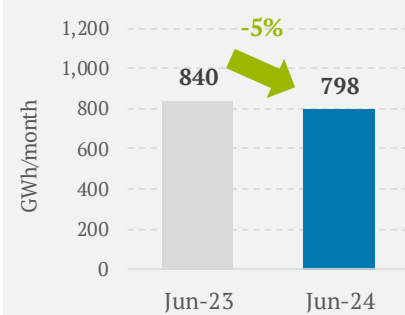
VIP IBERICO (exports)



VIP PIRINEOS (exports)



TARIFA (exports)



(*) SL-ATR data

2.1 Demand coverage : Interconnection Points

Net balances

GWh	Monthly accumulated			Annual accumulated		Moving Annual Total	
	Jun-2023	Jun-2024	%Δ s/2023	Jan-Jun 2024	%Δ s/2023	MAT: Jul 2023-Jun 2024	%Δ MAT vs 2023
Tarifa	-840	-798	-5.0%	-4,444	-2.9%	-9,337	-1.4%
Almería	5,039	8,646	71.6%	51,654	22.4%	104,291	10.0%
VIP Ibérico	933	1,456	56.1%	3,150	-67.6%	9,949	-39.8%
VIP Pirineos	-2,891	5	<-100%	1,415	<-100%	-2,880	-87.4%
National Deposits	18	0	-100.0%	96	-18.6%	246	-8.2%
Biogas	21	28	32.9%	165	57.3%	0	-100.0%
Total	2,281	9,337	>100%	52,036	79.7%	102,270	28.7%

+ Transport network input

- Transport network output

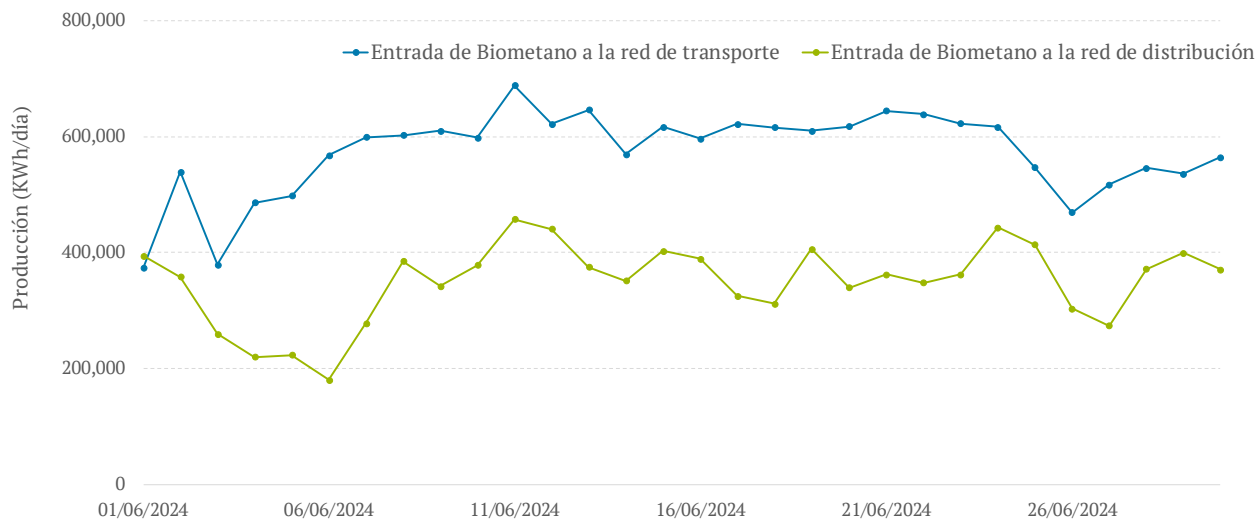


1. Evolution of gas demand
 1. Conventional demand
 2. Power generation
 3. CCAA
2. Demand coverage
 1. Origin of supplies
 2. Interconnection Points
3. Renewable gases
4. TVB activity
5. Regasification Plants activity
6. Underground Storage activity
7. Operating notes and other relevant facts

3. Renewable gases

BIOGAS production into Transport and Distribution Network

Unidad: GWh	Monthly Accumulated			Annual Accumulated		Moving Annual Total	
	Jun-2023	Jun-2024	%Δ s/2023	Jan-Jun 2024	%Δ s/2023	MAT: Jul 2023-Jun 2024	%Δ MAT vs 2023
Biomethane injected into transport network	15.5	17.2	10.4%	98.1	16.6%	185.2	8.2%
Biomethane injected into distribution network	5.3	10.5	99.2%	66.8	>100%	119.0	63.2%
Total	20.8	27.6	32.9%	164.8	57.3%	304.2	24.6%



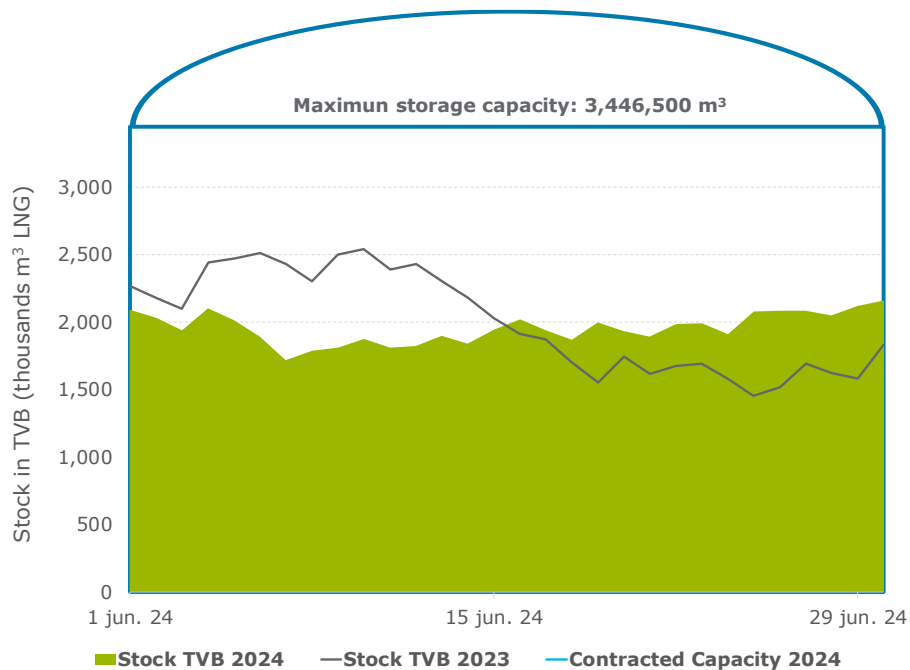
(*) Table: Allocation data from the SL-ATR



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

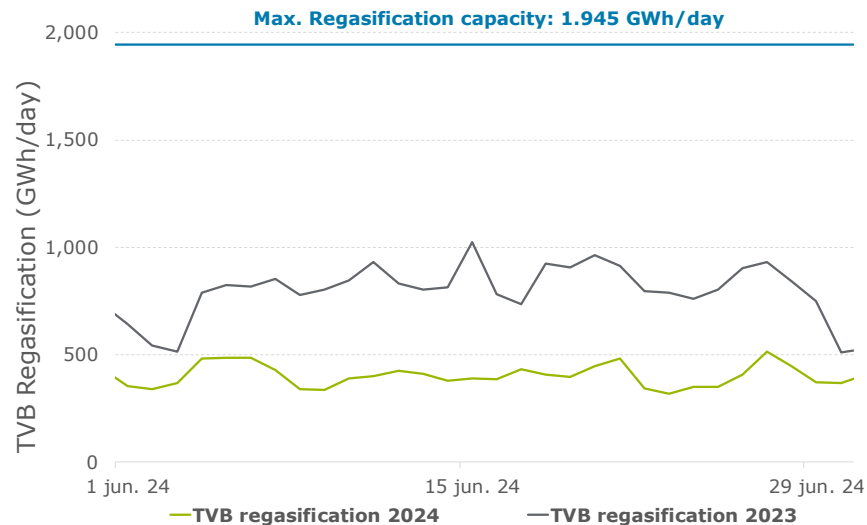
4. TVB activity

TVB stock evolution



In june-24, the average TVB stock represents 78% of the average contracted capacity during that month

Regasification in TVB



June 2024

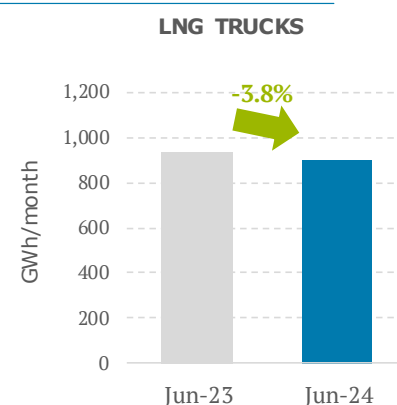
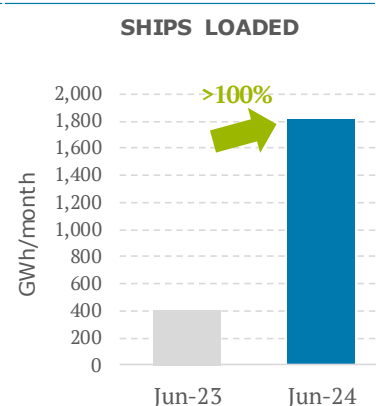
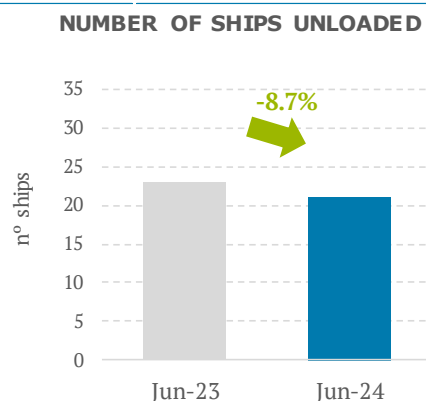
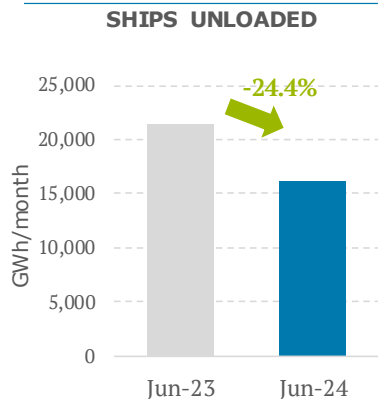
	GWh/month
Total regasification capacity	58,350
Contracted regasification capacity	12,437
Available regasification capacity	45,913
Commercial regasification	12,024



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

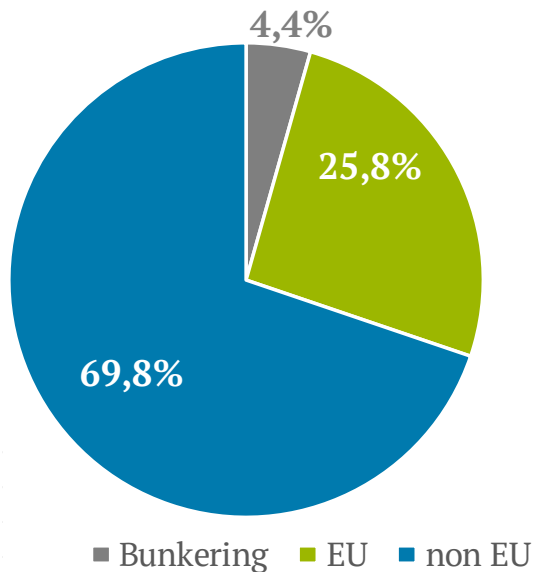
GWh	Ships Unloaded			Number of Ships Unloaded			Ships Loaded			LNG Trucks		
	Jun-2023	Jun-2024	%Δ s/2023	Jun-2023	Jun-2024	%Δ s/2023	Jun-2023	Jun-2024	%Δ s/2023	Jun-2023	Jun-2024	%Δ s/2023
BARCELONA	3,495	1,697	-51.4%	4	3	-25.0%	23	310	>100%	200	178	-11.0%
HUELVA	2,181	2,838	30.1%	2	3	50.0%	126	217	72.0%	200	185	-7.6%
CARTAGENA	3,787	3,125	-17.5%	4	6	50.0%	180	0	-100.0%	149	149	0.1%
BILBAO	6,501	5,178	-20.3%	7	5	-28.6%	0	0	-	114	98	-14.7%
SAGUNTO	3,218	1,123	-65.1%	4	2	-50.0%	0	1,076	>100%	163	174	7.2%
MUGARDOS	2,205	2,202	-0.1%	2	2	0.0%	72	209	>100%	111	64	-42.0%
MUSEL (*)	0	0	-	0	0	-	0	0	-	0	53	>100%
Total	21,388	16,162	-24.4%	23	21	-8.7%	402	1,812	351.0%	937	902	-3.8%



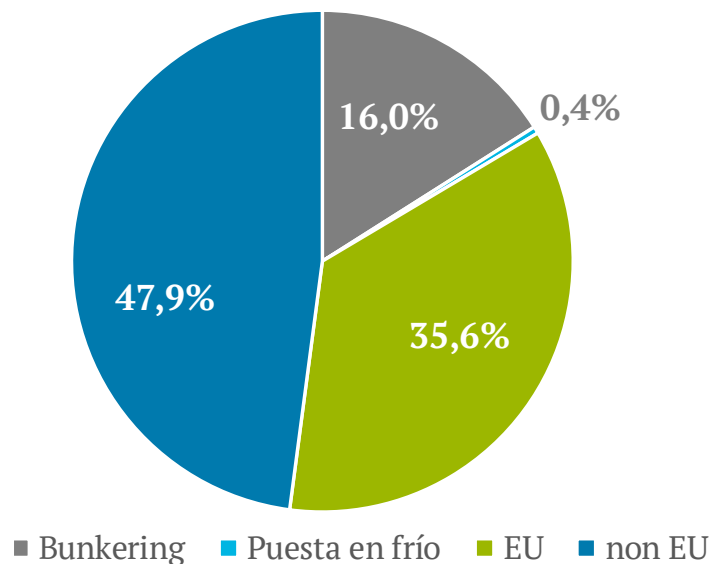
(*) Unloads at El Musel terminal in order to carry out the commissioning of the terminal.

5. Regasification plants activity

Destination of cargoes. Jun 2024



Destination of cargoes. January-June 2024

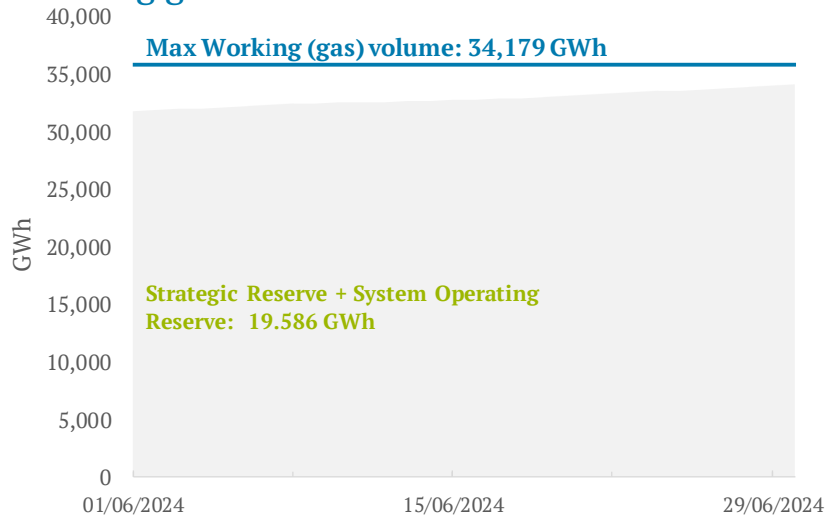




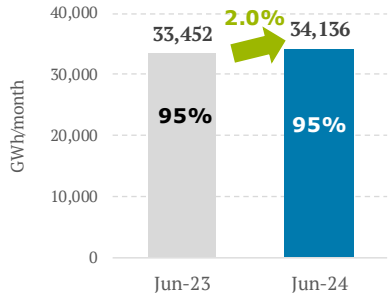
1. Evolution of gas demand
 1. Conventional demand
 2. Power generation
 3. CCAA
2. Demand coverage
 1. Origin of supplies
 2. Interconnection Points
3. Renewable gases
4. TVB activity
5. Regasification Plants activity
- 6. Underground Storage activity**
7. Operating notes and other relevant facts

6. UGS activity

Working gas evolution

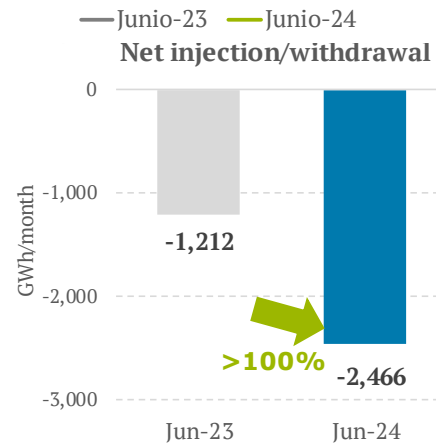
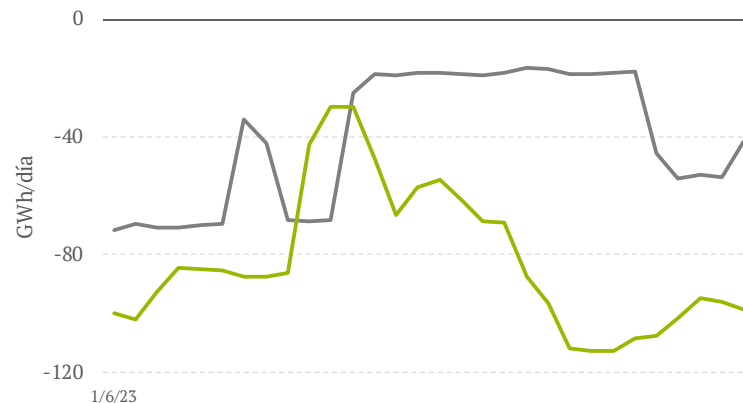


Working (gas) final stocks and % filled



In June-24, stock at AVB represent 95% 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 June 2024, no Operation note has been published.

Relevant facts:

- No relevant fact has been published this month



