

Statistical bulletin

August 2024

PRELIMINARY

Technical Management of the System

GTS_DEMANDA@enagas.es



September-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

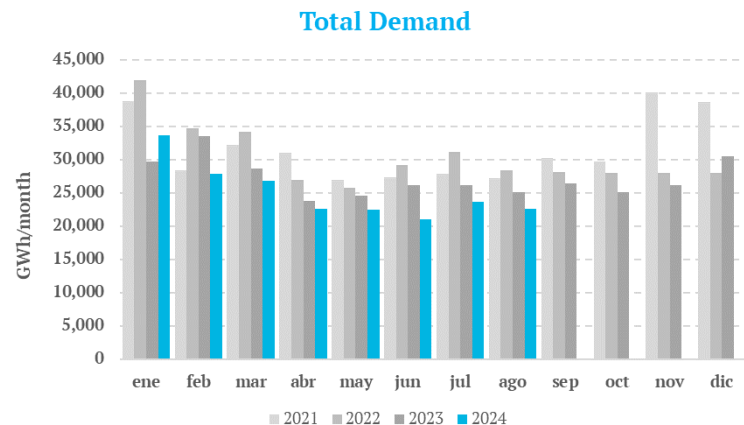
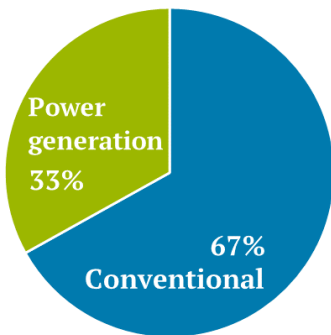
6. Underground Storage activity

7. Operating notes and other relevant facts

1. Evolution of gas demand

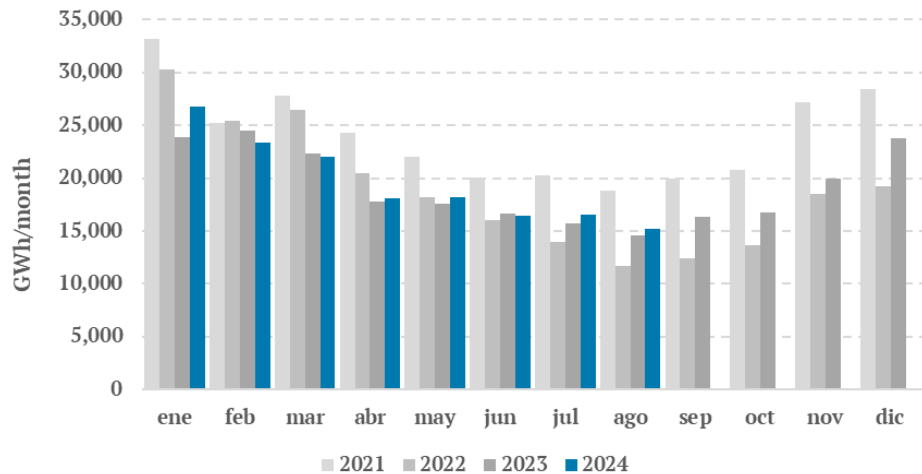
GWh	Monthly accumulated		Annual accumulated		Moving Annual Total	
	August-2024	%Δ s/2023	Jan-Aug 2024	%Δ s/2023	MAT: Sep 2023-Aug 2024	%Δ MAT vs 2023
National Market demand	22,670	-9.5%	200,565	-7.8%	308,562	-5.2%
Conventional	15,171	3.9%	156,629	2.3%	233,409	1.6%
Power generation	7,499	-28.3%	43,936	-31.9%	75,154	-21.5%
International Market demand	2,137	-55.7%	25,503	-52.3%	47,275	-37.2%
International connections exports	1,791	-30.4%	16,632	-57.3%	30,965	-41.9%
LNG Vessel loading	346	-84.7%	8,871	-38.8%	16,310	-25.7%
TOTAL	24,807	-17.0%	226,068	-16.6%	355,837	-11.2%

National market demand Aug 2024

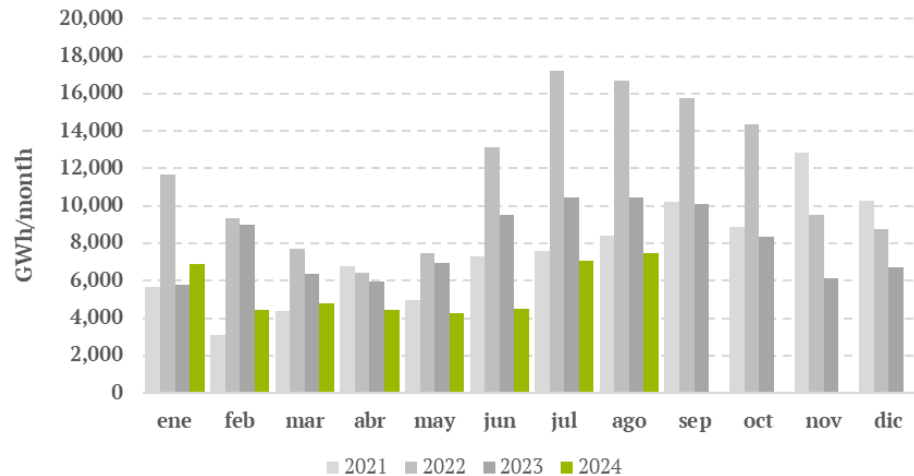


1. Evolution of gas demand

Final Demand



Demand for Power generation



1.1 Evolution of gas demand. Conventional

Demand

 Conventional market

+3.9%

more than the previous year

Temperatures

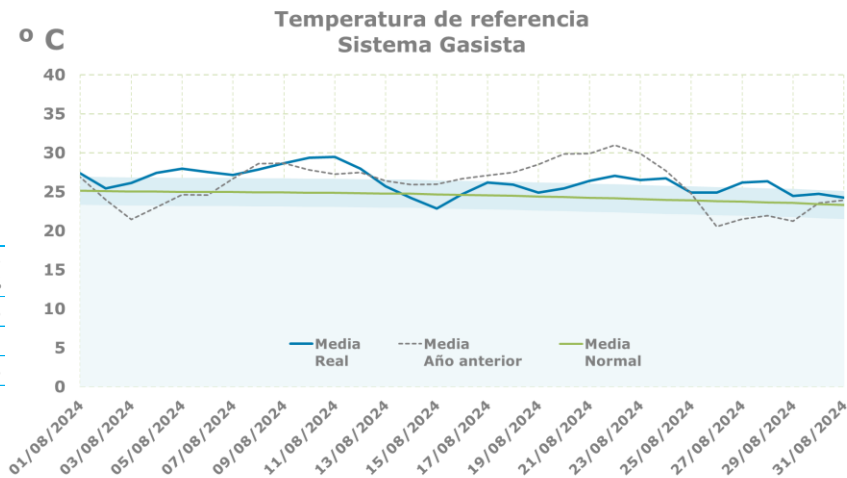


Without temperature effect

Demand	Conventional demand aug 2024 (*)		Accumulated Jan - aug 2024		MAT Aug24-Sep23	
	GWh	%24 s/23	GWh	%24 s/23	GWh	% MAT s/23
	15,171	3.9%	156,629	2.3%	233,409	1.6%
Calendar		-3.1%		0.3%		0.2%
Temperature		0.0%		-0.6%		-0.4%
Amended demand		7.0%		2.6%		1.7%

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

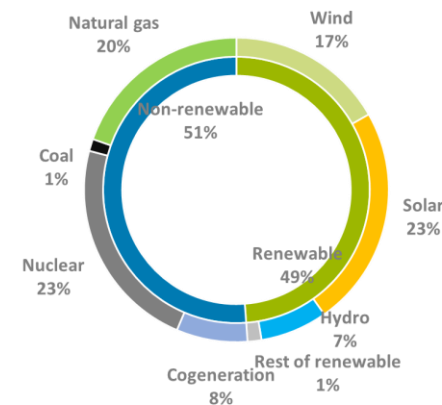
* Period without significant temperature effects



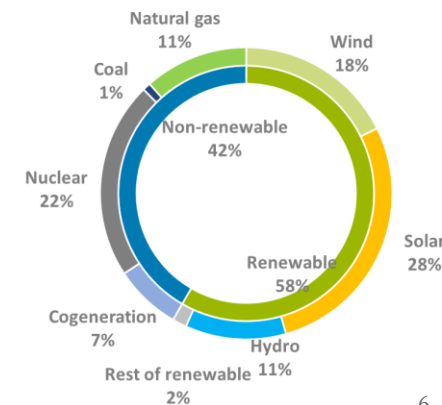
1.2 Power generation– electricity generation mix

TWh (e)	2023 Aug 1 st to 31 st	2024 Aug 1 st to 31 st	Δ 2024 vs 2023	% Δ 2024 vs 2023
Power generation	20.2	20.8	+0.6	3.2%
Wind	4.2	3.7	-0.4	-10.1%
use of installed capacity [GW]	29.9	30.7	+0.9	2.9%
% utilization of total installed	19%	16%		
Solar	5.2	6.1	+1.0	18.7%
use of installed capacity [GW]	25.2	28.9	+3.7	14.6%
% utilization of total installed	28%	28%		
Hydro	1.4	2.3	+0.9	60.9%
Rest of renewable	0.6	0.5	-0.0	-1.6%
Cogeneration	1.3	1.4	+0.1	10.8%
Nuclear	5.0	5.1	+0.1	1.6%
Coal	0.4	0.2	-0.2	-47.4%
Natural gas	4.4	2.8	-1.6	-35.5%
International exchanges	-1.2	-0.4	+0.9	-69.3%
exportacion	exportacion			
France	0.4	1.4	+1.0	
Portugal	-1.2	-1.5	-0.2	
Morocco	-0.4	-0.3	+0.1	

2023
Gas demand for Power
Generation
10.5 TWh (g)



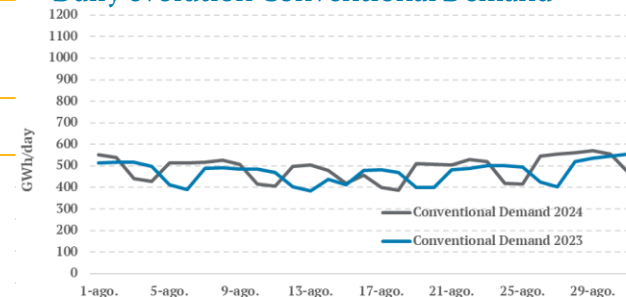
2024
Gas demand for Power
Generation
7.5 TWh (g)



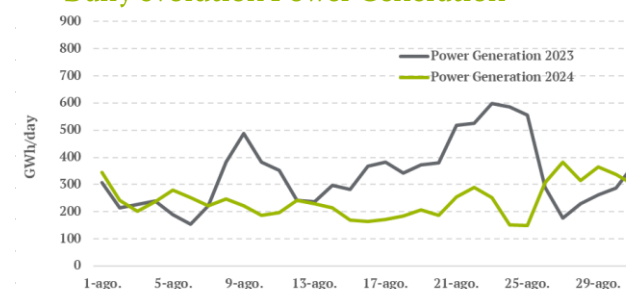
1.3 Evolution of CCAA gas demand

GWh	CONVENTIONAL DEMAND (without LNG trucks)		POWER GENERATION		LNG trucks	
	Aug-2024	%Δ vs Aug 2023	Aug-2024	%Δ vs Aug 2023	Aug-2024	%Δ vs Aug 2023
Andalucía	2,373	5.2%	1,706	-38.0%	248	2.3%
Aragón	890	7.5%	266	-45.6%	43	8.8%
Asturias	399	20.1%	322	-43.3%	28	9.2%
Baleares	91	0.3%	1,018	4.1%	9	1.6%
Cantabria	143	-30.0%	0	0.0%	24	3.3%
Castilla - La Mancha	734	-3.3%	295	145.9%	70	-0.5%
Castilla y León	942	0.7%	0	0.0%	43	-16.7%
Cataluña	2,584	-4.8%	944	-35.2%	97	-12.1%
Comunidad Valenciana	1,200	9.0%	644	-23.9%	110	20.8%
Extremadura	464	1.9%	0	0.0%	47	41.8%
Galicia	771	14.2%	457	-42.0%	41	39.2%
La Rioja	126	-3.0%	177	18.3%	3	-10.4%
Madrid	757	13.4%	0	0.0%	147	132.0%
Murcia	1,279	9.4%	803	-35.5%	38	-4.4%
Navarra	321	5.3%	333	-33.7%	15	15.1%
País Vasco	1,087	-0.5%	533	-3.5%	31	-9.7%

Daily evolution Conventional Demand



Daily evolution Power Generation

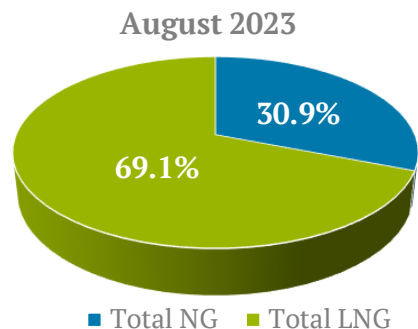
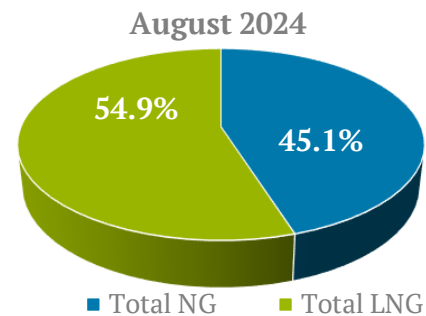




1. Evolution of gas demand
 1. Conventional demand
 2. Power generation
 3. CCAA
2. **Demand coverage**
 1. **Origin of supplies**
 2. **Interconnection Points**
3. Renewable gases
4. TVB activity
5. Regasification Plants activity
6. Underground Storage activity
7. Operating notes and other relevant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

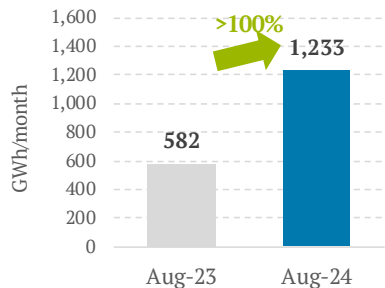
2.1 Demand coverage: Origin of supplies

Unit: GWh		Monthly accumulated		Annual accumulated		Moving Annual Total		
		Aug-2024	% s TOTAL	Aug-2023	Jan-Aug 2024	% s TOTAL	MAT: Sep 2023 - Aug 2024	% s TOTAL
Algeria	NG	8,865	34.6%	7,800	69,080	36.2%	105,335	36.9%
	LNG	493		490	15,194		27,276	
Russia	LNG	6,367	23.6%	3,322	52,934	22.8%	72,393	20.2%
United States	LNG	4,927	18.2%	10,896	42,579	18.3%	69,845	19.5%
Nigeria	LNG	838	3.1%	6,857	16,147	6.9%	30,432	8.5%
France	GN	2,069	7.7%	2,038	10,724	5.1%	15,087	4.8%
	GNL	0		0	1,093		2,181	
Portugal	GN	1,233	4.6%	582	8,521	3.7%	10,947	3.0%
Qatar	LNG	865	3.2%	878	6,077	2.6%	11,399	3.2%
Norway	LNG	0	0.0%	933	2,777	1.2%	4,627	1.3%
Belgium	LNG	0	0.0%	0	2,128	0.9%	2,128	0.6%
Congo	LNG	730	2.7%	0	1,609	0.7%	1,609	0.4%
Trinidad	LNG	623	2.3%	0	1,444	0.6%	1,444	0.4%
Peru	LNG	0	0.0%	0	1,139	0.5%	1,139	0.3%
TVB	LNG	0	0.0%	0	740	0.3%	740	0.2%
National deposits	NG	0	0.0%	25	96	0.0%	201	0.1%
National Biomethane	NG	16	0.1%	21	208	0.1%	301	0.1%
Cameroon	LNG	0	0.0%	0	0	0.0%	1,103	0.3%
Egypt	LNG	0	0.0%	0	0	0.0%	821	0.2%
TOTAL		27,026	100%	33,842	232,492	100%	359,007	100%

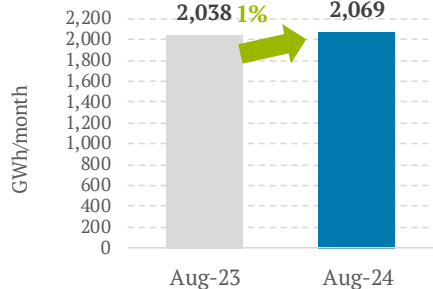


2.1 Demand coverage : Interconnection Points

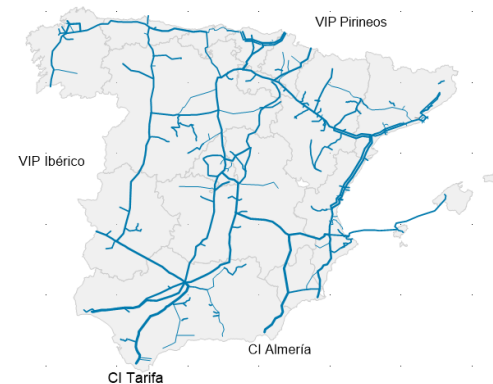
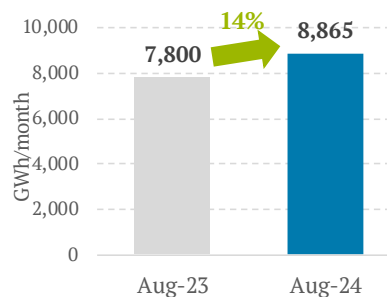
VIP IBERICO (imports)



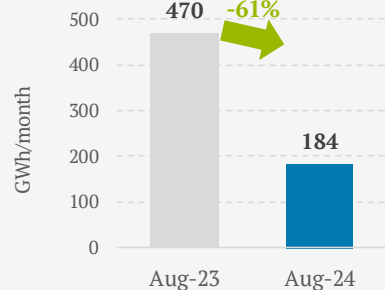
VIP PIRINEOS (imports)



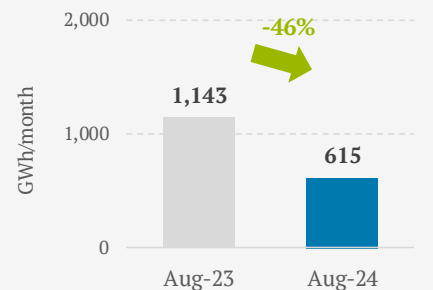
ALMERIA (imports)



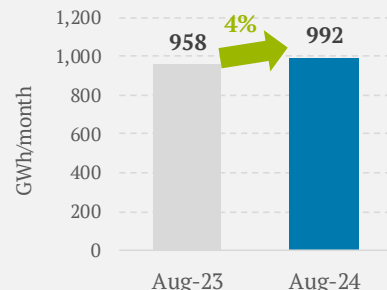
VIP IBERICO (exports)



VIP PIRINEOS (exports)



TARIFA (exports)



(*) SL-ATR data

2.1 Demand coverage : Interconnection Points

Net balances

GWh	Monthly accumulated			Annual accumulated		Moving Annual Total	
	Aug-2023	Aug-2024	%Δ s/2023	Jan-Aug 2024	%Δ s/2023	MAT: Sep 2023 - Aug 2024	%Δ MAT vs 2023
Tarifa	-958	-992	3.5%	-6,290	-1.3%	-9,385	-0.9%
Almería	7,800	8,865	13.7%	69,080	17.9%	105,305	11.0%
VIP Ibérico	112	1,050	>100%	5,585	-53.9%	10,004	-39.5%
VIP Pirineos	895	1,453	62.4%	3,318	<-100%	-1,563	-93.2%
National Deposits	25	0	-100.0%	96	-41.7%	199	-25.7%
Biogas	21	16	-21.6%	209	38.3%	302	23.7%
Total	7,895	10,393	>100%	71,998	54.4%	104,862	31.9%

+ Transport network input

- Transport network output

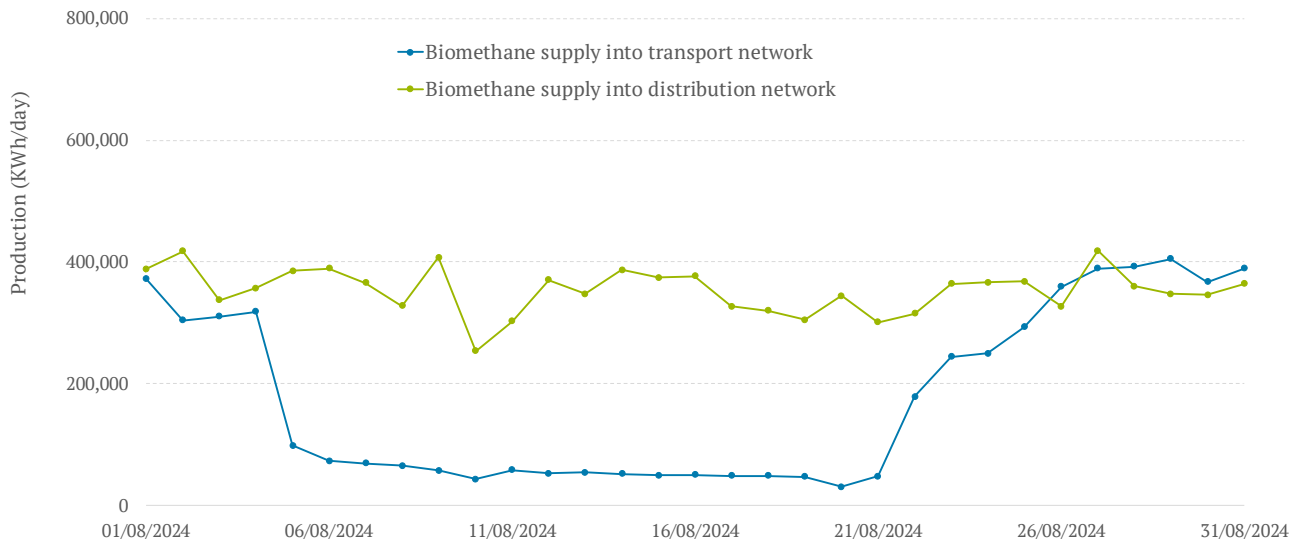


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3. Renewable gases

BIOGAS production into Transport and Distribution Network

Unidad: GWh	Monthly Accumulated			Annual Accumulated		Moving Annual Total	
	Aug-2023	Aug-2024	%Δ s/2023	Jan-Aug 2024	%Δ s/2023	MAT: Sep 2023 - Aug 2024	%Δ MAT vs 2023
Biomethane injected into transport network	14.1	5.5	-60.8%	120.8	5.3%	177.3	3.5%
Biomethane injected into distribution network	6.9	11.0	58.4%	88.3	>100%	124.7	71.1%
Total	21.0	16.5	-21.6%	209.1	38.3%	302.0	23.7%



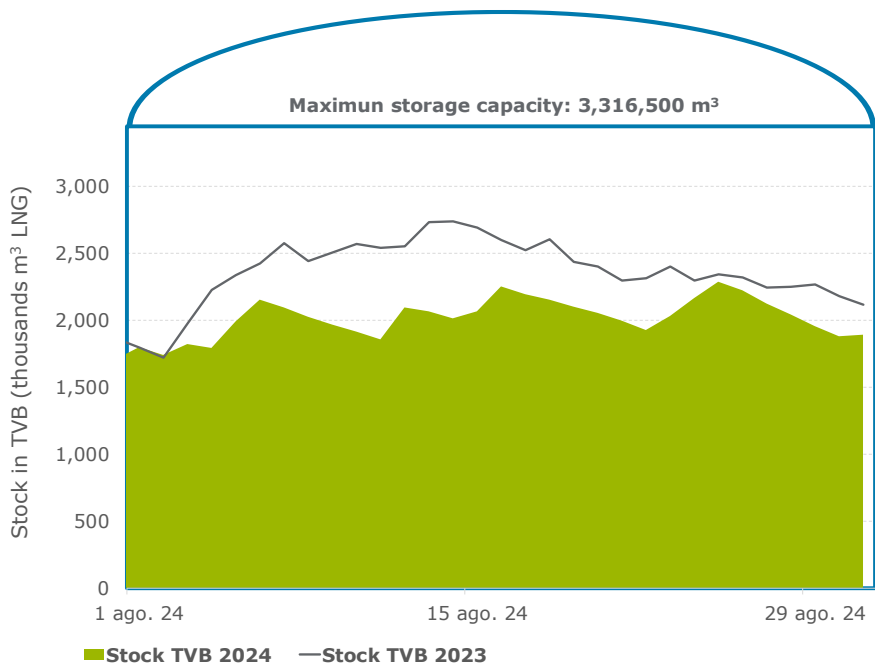
(*) Table: Allocation data from the SL-ATR



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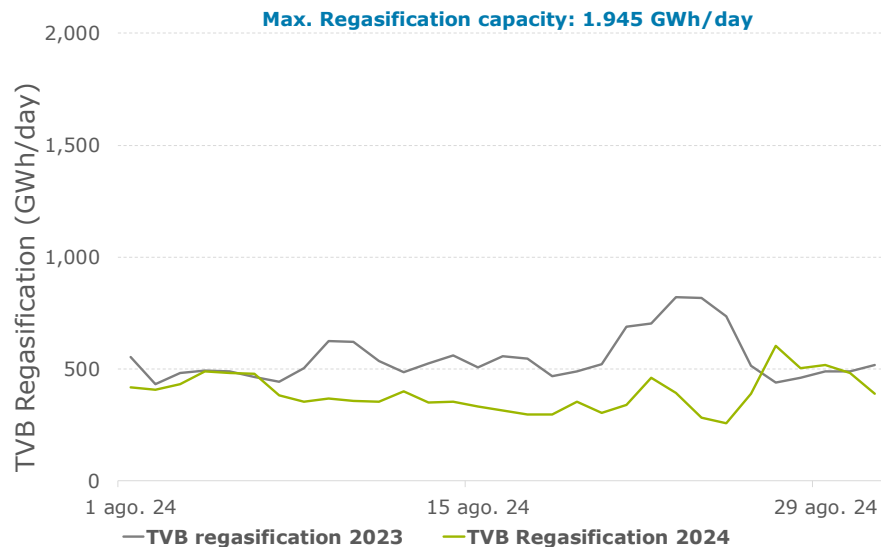
4. TVB activity

TVB stock evolution



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

Regasification in TVB



August 2024

GWh/month

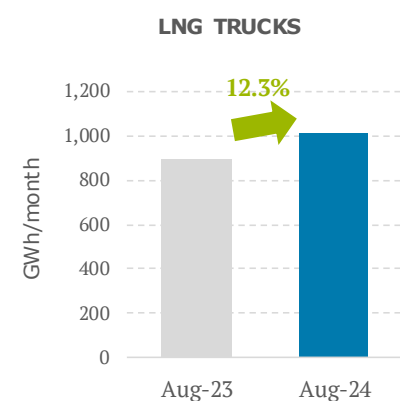
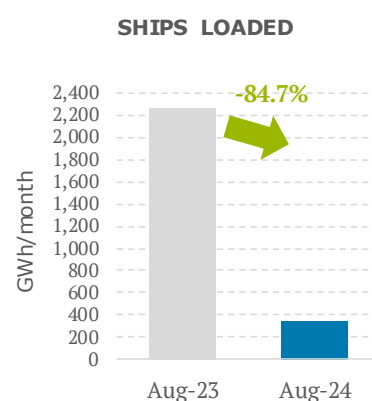
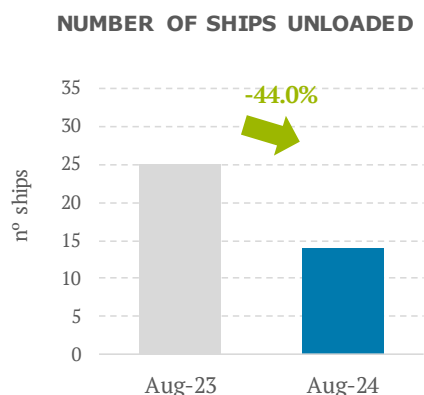
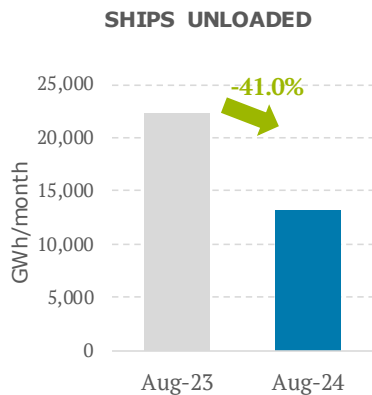
Total regasification capacity	60,295
Contracted regasification capacity	12,622
Available regasification capacity	47,673
Commercial regasification	11,806



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5. Regasification plants activity

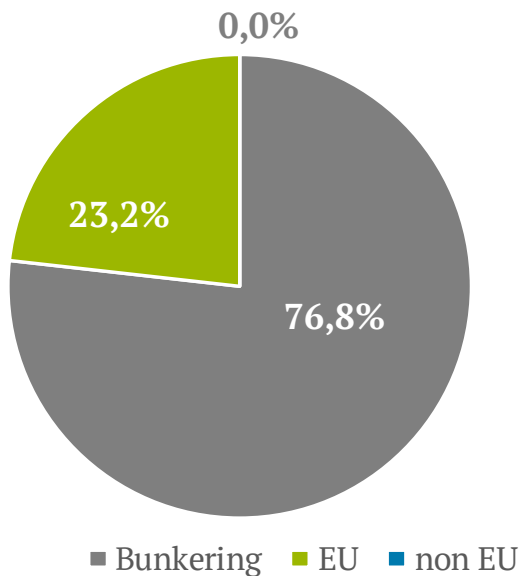
GWh	Ships Unloaded			Number of Ships Unloaded			Ships Loaded			LNG Trucks		
	Aug-2023	Aug-2024	%Δ s/2023	Aug-2023	Aug-2024	%Δ s/2023	Aug-2023	Aug-2024	%Δ s/2023	Aug-2023	Aug-2024	%Δ s/2023
BARCELONA	1,982	865	-56.3%	2	1	-50.0%	182	215	18.2%	154	183	18.6%
HUELVA	3,430	1,938	-43.5%	4	2	-50.0%	34	131	>100%	270	307	13.5%
CARTAGENA	4,097	2,426	-40.8%	5	4	-20.0%	1,135	0	-100.0%	129	146	12.8%
BILBAO	6,402	3,156	-50.7%	6	2	-66.7%	0	0	-	106	92	-12.9%
SAGUNTO	4,637	2,563	-44.7%	6	3	-50.0%	904	0	-100.0%	153	171	11.6%
MUGARDOS	1,799	2,230	24.0%	2	2	0.0%	0	0	-	73	60	-17.1%
MUSEL (*)	0	0	-	0	0	-	0	0	-	11	48	>100%
Total	22,346	13,179	-41.0%	25	14	-44.0%	2,256	346	-84.7%	896	1,006	12.3%



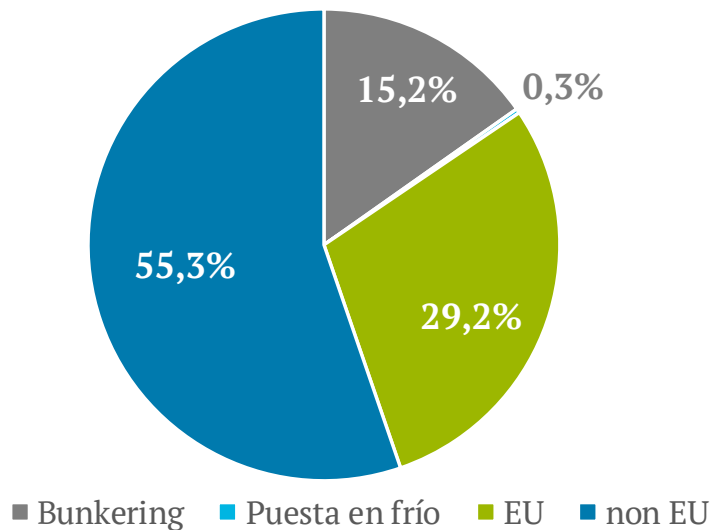
(*) Unloads at El Musel terminal in order to carry out the commissioning of the terminal.

5. Regasification plants activity

Destination of cargoes. August 2024



Destination of cargoes. January-August 2024



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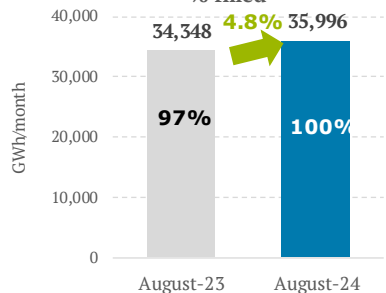
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6. UGS activity

Working gas evolution

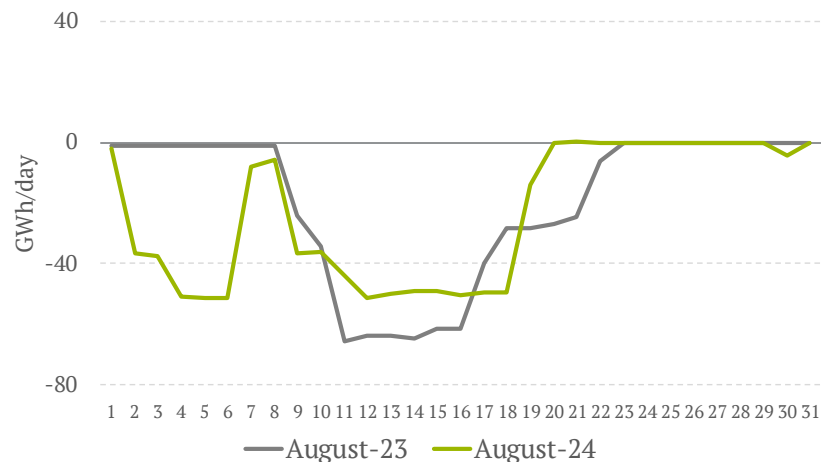


Working (gas) final stocks and % filled

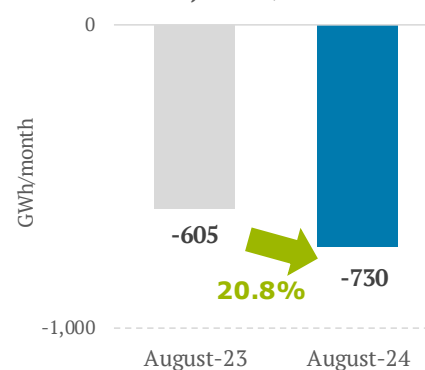


In August-24, stock at AVB represent 100% of the contracted capacity during that month

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 August 2024, one Operation note has been published.
 - ❖ Operation note n°6: Withdrawal from service of TK-1400 Tank in Barcelona regasification plant.

Relevant facts:

- ❑ No relevant fact has been published this month



