

Statistical bulletin

October 2024

PRELIMINARY

Technical Management of the System

GTS_DEMANDA@enagas.es

November-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

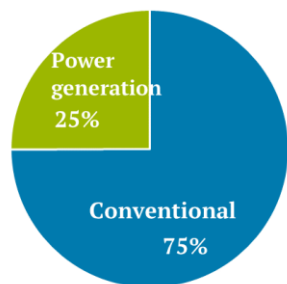
6. Underground Storage activity

7. Operating notes and other relevant facts

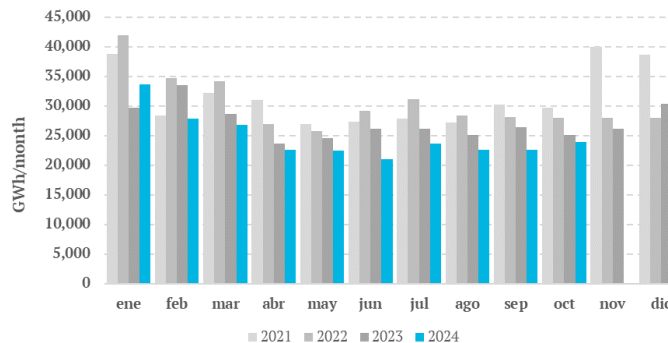
1. Evolution of gas demand

GWh	Monthly accumulated		Annual accumulated		Moving Annual Total	
	October-2024	%Δ s/2023	Jan-Oct 2024	%Δ s/2023	MAT: Sep 2023-Oct 2024	%Δ MAT vs 2023
National Market demand	23,956	-4.4%	247,155	-8.1%	303,700	-6.7%
Conventional	17,954	7.2%	191,229	2.7%	234,948	2.2%
Power generation	6,002	-27.9%	55,925	-32.5%	68,753	-28.2%
International Market demand	2,082	-66.7%	29,898	-52.7%	41,976	-44.2%
International conexions exports	1,654	-54.0%	19,931	-56.1%	27,860	-47.8%
LNG Vessel loading	428	-83.9%	9,968	-44.0%	14,116	-35.7%
TOTAL	26,038	-16.9%	277,053	-16.6%	345,676	-13.8%

National market demand Oct 2024

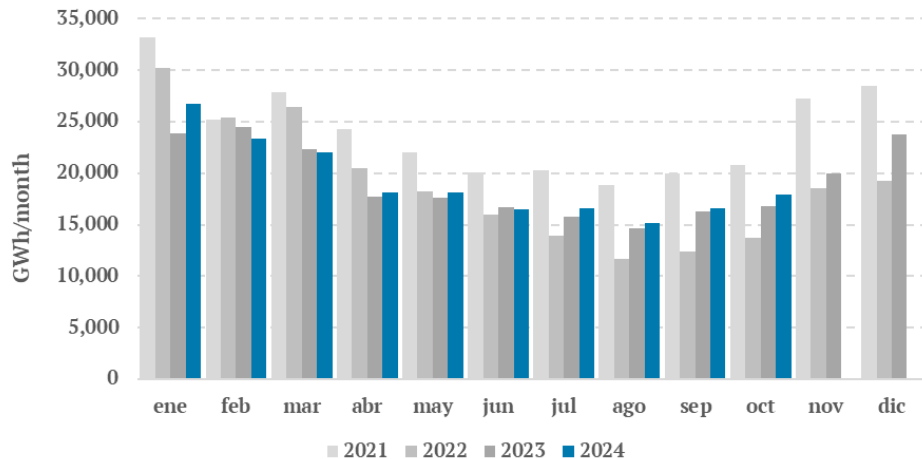


Total Demand

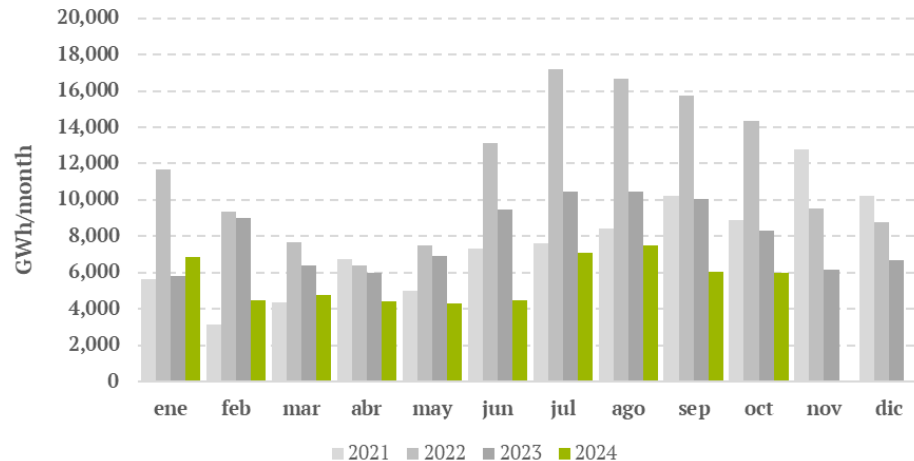


1. Evolution of gas demand

Final Demand



Demand for Power generation



1.1 Evolution of gas demand. Conventional

Demand



Conventional market

+7.2%

more than the previous year

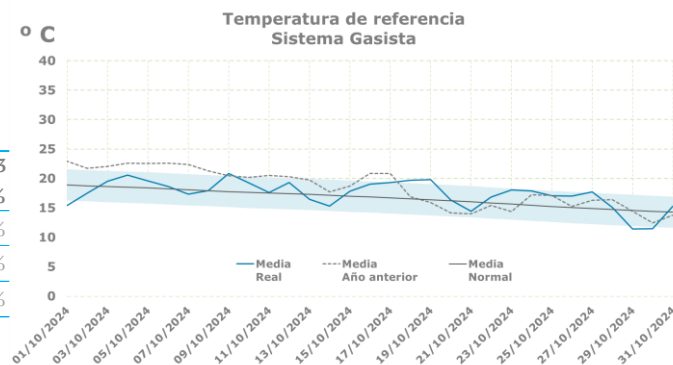
Temperatures



-1.4 °C

Without temperature significant effect

Demand	Conventional demand		Accumulated		MAT	
	oct 2024 (*)		Jan - oct 2024		Oct24-Nov23	
	GWh	%24 s/23	GWh	%24 s/23	GWh	% MAT s/23
	17,954	7.2%	191,229	2.7%	234,948	2.2%
Calendar		5.9%		0.2%		0.7%
Temperature		1.9%		-0.2%		-0.2%
Amended demand		-0.6%		2.8%		1.8%



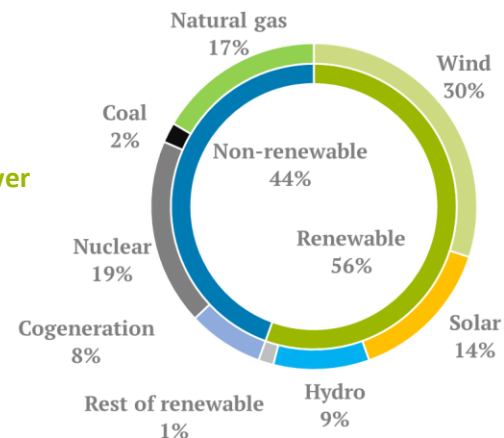
* The sum of the correction factors is equal to % of total demand

1.2 Power generation– electricity generation mix

TWh (e)	2023 Oct 1 st to 31 st	2024 Oct 1 st to 31 st	Δ 2024 vs 2023	% Δ 2024 vs 2023
Power generation	18.5	18.9	+0.4	2.3%
Wind	6.0	5.6	-0.4	-6.2%
use of installed capacity [GW]	29.9	30.9	+1.0	3.3%
% utilization of total installed	27%	24%		
Solar	2.9	3.1	+0.2	7.6%
use of installed capacity [GW]	26.8	30.8	+4.0	14.9%
% utilization of total installed	15%	14%		
Hydro	1.9	3.2	+1.3	66.7%
Rest of renewable	0.3	0.3	+0.0	6.1%
Cogeneration	1.5	1.4	-0.1	-2.3%
Nuclear	3.7	4.6	+0.9	22.9%
Coal	0.4	0.3	-0.1	-18.2%
Natural gas	3.3	2.1	-1.2	-38.4%
International exchanges	-0.4	-0.9	-0.5	156.9%
exportacion	0.5	0.3	-0.2	
France	-0.6	-1.0	-0.4	
Portugal	-0.2	-0.3	-0.1	
Morocco				

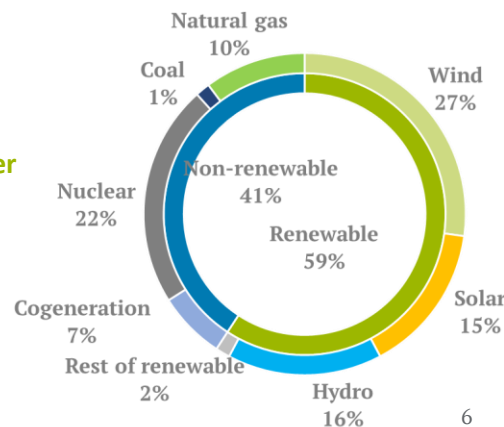
2023
Gas demand for Power

Generation
8.3 TWh (g)



2024
Gas demand for Power

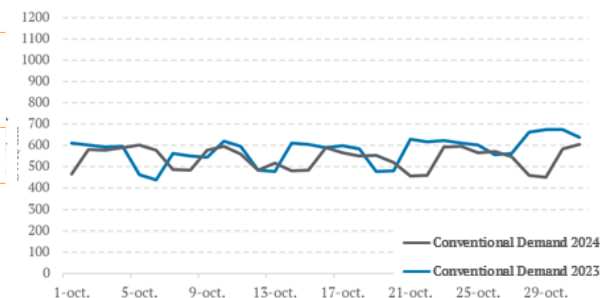
Generation
6.0 TWh (g)



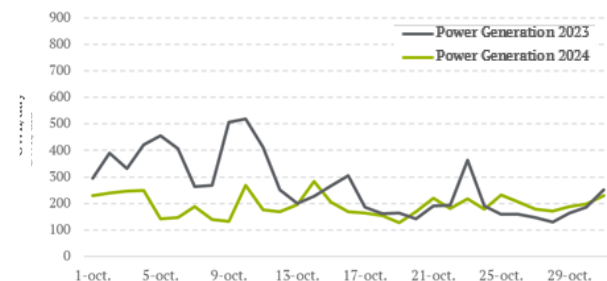
1.3 Evolution of CCAA gas demand

GWh	CONVENTIONAL DEMAND (without LNG trucks)		POWER GENERATION		LNG trucks	
	Oct-2024	%Δ vs Oct 2023	Oct-2024	%Δ vs Oct 2023	Oct-2024	%Δ vs Oct 2023
Andalucía	2,203	1.3%	1,135	-38.9%	187	3.5%
Aragón	897	7.0%	222	36.9%	54	9.8%
Asturias	498	20.0%	181	-56.5%	32	26.0%
Baleares	100	21.8%	695	-3.0%	11	20.1%
Cantabria	186	-39.6%	0	0.0%	26	-0.8%
Castilla - La Mancha	959	13.8%	274	15.6%	64	7.7%
Castilla y León	1,283	1.3%	0	0.0%	58	-18.9%
Cataluña	3,241	11.5%	958	-30.6%	107	-16.1%
Comunidad Valenciana	1,967	11.2%	491	-31.2%	107	-0.2%
Extremadura	160	9.5%	0	0.0%	58	39.4%
Galicia	764	1.1%	476	-32.2%	48	18.5%
La Rioja	186	23.1%	280	1.2%	4	-10.4%
Madrid	1,393	12.0%	0	0.0%	174	99.7%
Murcia	1,183	5.1%	755	-16.8%	43	-9.0%
Navarra	410	1.8%	109	-75.0%	22	38.4%
País Vasco	1,485	6.9%	425	-13.9%	37	-4.8%

Daily evolution Conventional Demand



Daily evolution Power Generation



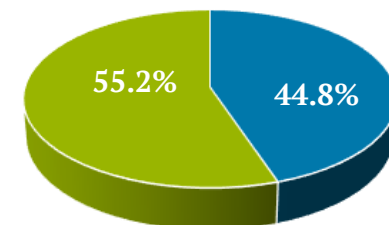


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2. **Demand coverage**
 1. **Origin of supplies**
 2. **Interconnection Points**
3. Renewable gases
4. TVB activity
5. Regasification Plants activity
6. Underground Storage activity
7. Operating notes and other relevant facts

2.1 Demand coverage: Origin of supplies

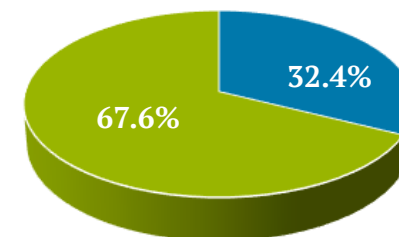
		Monthly accumulated			Annual accumulated		Moving Annual Total	
		Oct-2024	% s TOTAL	Oct-2023	Jan-Oct 2024	% s TOTAL	MAT: Nov 2023- Oct 2024	% s TOTAL
Algeria	NG	10,296	53.0%	9,701	86,156	37.9%	104,700	36.8%
	LNG	3,458		6,040	21,588		22,576	
Russia	LNG	4,169	16.1%	4,280	60,471	21.3%	72,391	20.9%
United States	LNG	2,080	8.0%	6,997	50,689	17.8%	67,143	19.4%
Nigeria	LNG	1,868	7.2%	1,756	19,162	6.7%	25,496	7.4%
France	NG	606	2.3%	689	13,548	5.1%	15,282	4.7%
	LNG	0	0.0%	0	1,093	0.0%	1,093	0.0%
Portugal	LNG	660	2.5%	515	10,791	3.8%	12,160	3.5%
Qatar	LNG	864	3.3%	1,815	7,810	2.7%	10,440	3.0%
Congo	LNG	849	3.3%	0	3,365	1.2%	3,365	1.0%
Norway	LNG	0	0.0%	920	2,777	1.0%	3,706	1.1%
Belgium	LNG	0	0.0%	0	2,128	0.7%	2,128	0.6%
Trinidad	LNG	0	0.0%	0	1,444	0.5%	1,444	0.4%
Peru	LNG	0	0.0%	0	1,139	0.4%	1,139	0.3%
Angola	LNG	1,033	4.0%	0	1,033	0.4%	1,033	0.3%
Camerun	LNG	0	0.0%	1,103	0	0.0%	0	0.0%
Egypt	LNG	0	0.0%	0	0	0.0%	821	0.2%
TVB (*)	LNG	0	0.0%	0	740	0.3%	740	0.2%
National Deposits	LNG	39	0.1%	41	140	0.0%	196	0.1%
National Biomethane	LNG	27	0.1%	22	259	0.1%	310	0.1%
TOTAL		25,948	100%	33,879	284,333	100%	346,164	100%

October 2024



■ Total GN
■ Total GNL

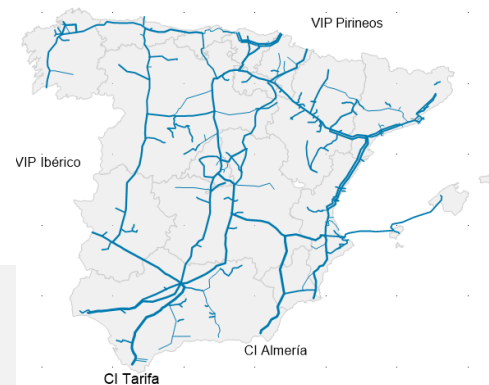
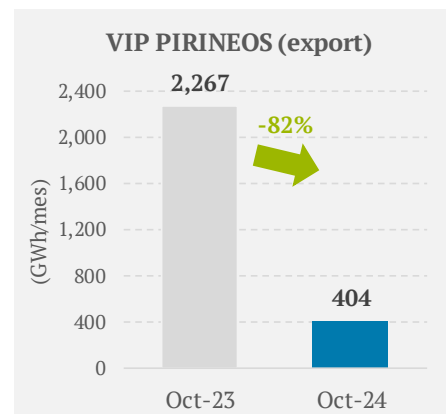
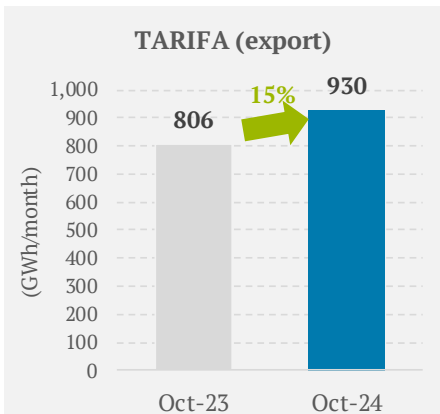
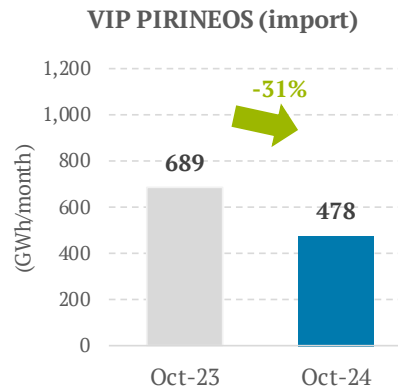
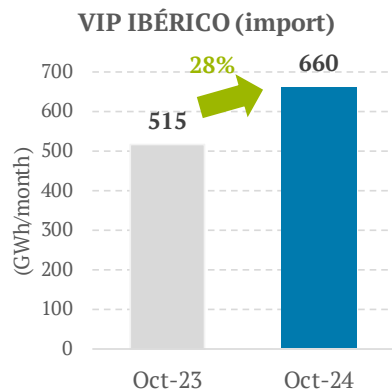
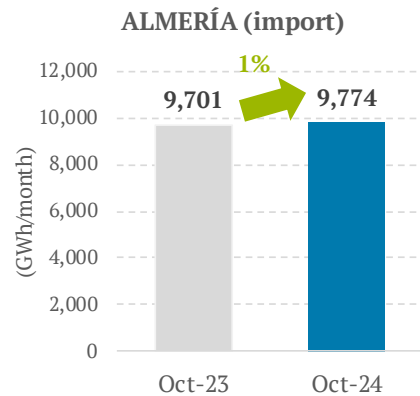
October 2023



■ Total GN
■ Total GNL

(*) 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	
	Oct-2023	Oct-2024	%Δ s/2023	Jan-Oct 2024	%Δ s/2023	MAT: Nov 2023- Oct 2024	%Δ MAT s/2023
Tarifa	-806	-930	15.4%	-8,120	0.7%	-9,499	0.6%
Almería	9,701	9,774	0.7%	85,513	12.0%	104,027	9.7%
VIP Ibérico	-11	353	<100%	7,303	>100%	7,633	>100%
VIP Pirineos	-1,578	74	<100%	5,157	<100%	1,411	-106.2%
Yacimiento Nacionales	41	39	<100%	140	-33.8%	196	-26.6%
Biometano	22	27	22.5%	260	34.1%	310	27.0%
Total	7,370	9,336	26.7%	90,252	71.1%	104,078	56.3%

+ Transport network input

- Transport network output



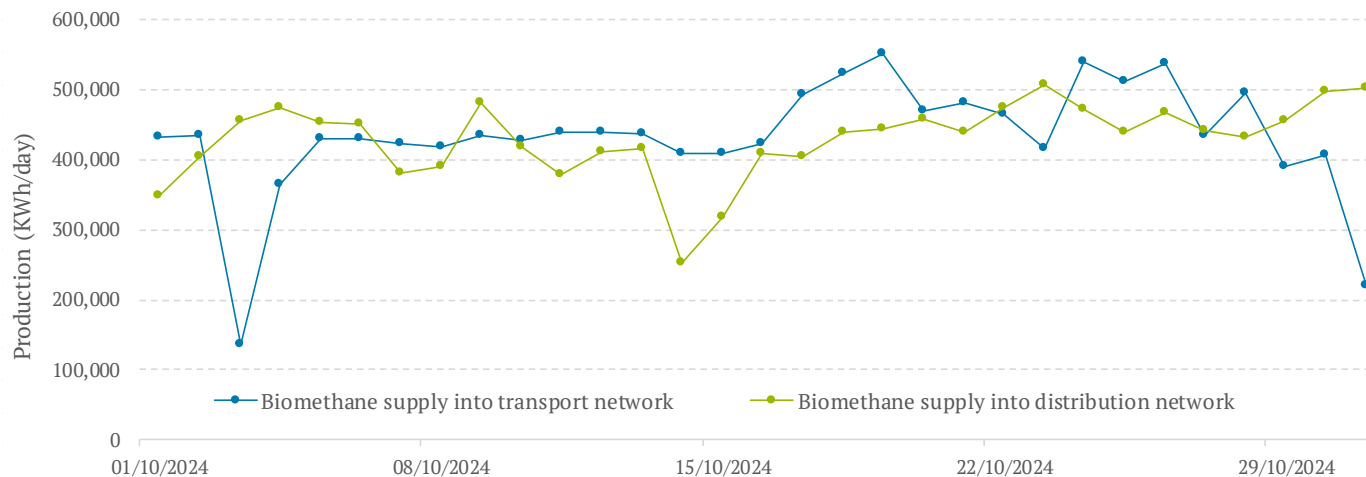
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3. Renewable gases

BIOGAS production into Transport and Distribution Network

Unit: GWh	Monthly accumulated			Annual accumulated		Moving Annual Total	
	Oct-2023	Oct-2024	%Δ s/2023	Jan-Oct 2024	%Δ s/2023	MAT: Nov 2023- Oct 2024	%Δ TAM s/2023
Biomethane injected into transport network	12.1	13.4	11.0%	146.6	6.4%	180.0	5.1%
Biomethane injected into distribution network	9.7	13.3	36.7%	113.0	>100%	130.1	78.4%
Total	21.8	26.8	22.5%	259.6	34.1%	310.2	27.0%

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

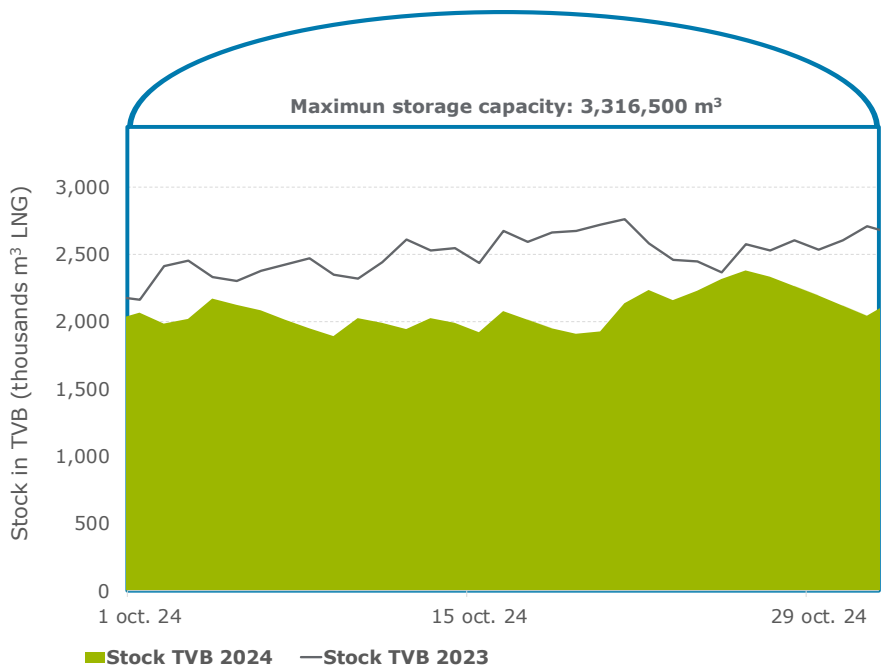




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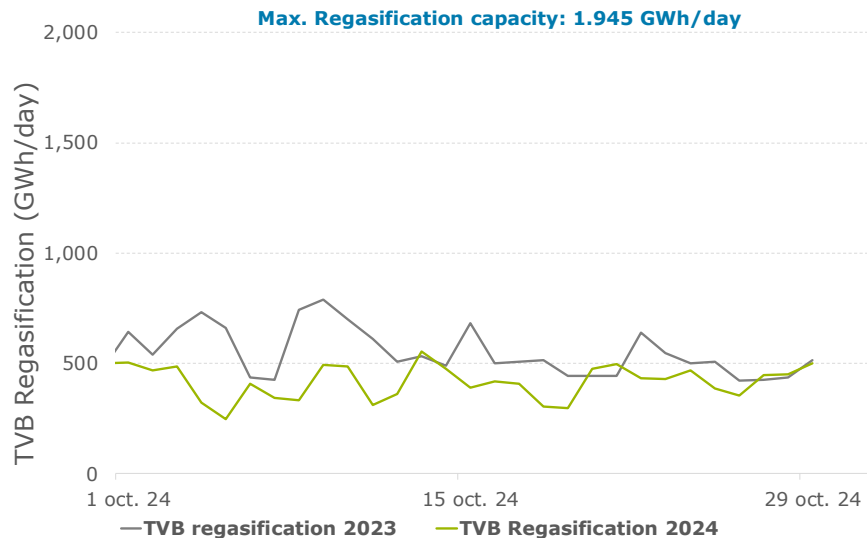
4. TVB activity

TVB stock evolution



In October-24, the average TVB stock represents 84% of the average contracted capacity during that month

Regasification in TVB



October 2024

GWh/month

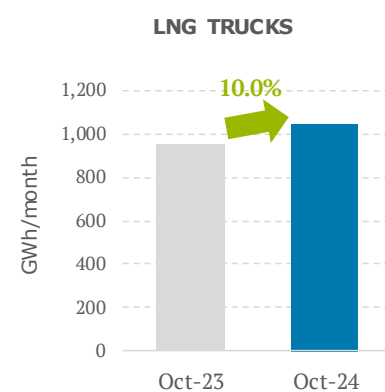
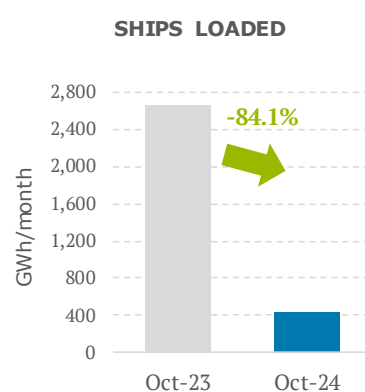
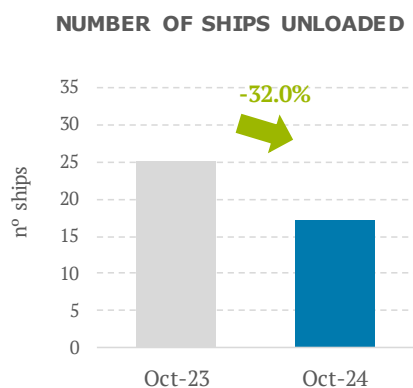
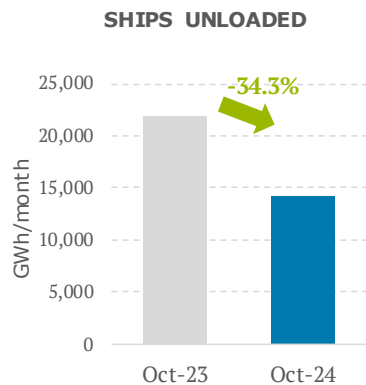
Total regasification capacity	60,295
Contracted regasification capacity	13,321
Available regasification capacity	46,974
Commercial regasification	12,945



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5. Regasification plants activity

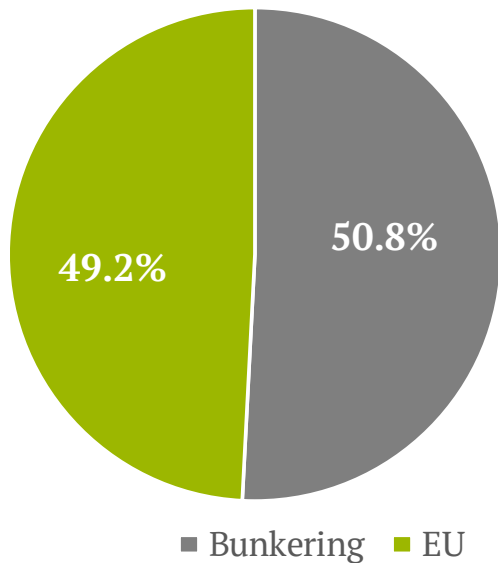
GWh	Ships Unloaded			Number of Ships Unloaded			Ships Loaded			LNG Trucks		
	Oct-2023	Oct-2024	%Δ s/2023	Oct-2023	Oct-2024	%Δ s/2023	Oct-2023	Oct-2024	%Δ s/2023	Oct-2023	Oct-2024	%Δ s/2023
BARCELONA	4,067	3,876	-4.7%	4	4	0.0%	257	246	-4.2%	188	207	10.1%
HUELVA	0	3,833	>100%	0	5	>100%	0	80	>100%	191	218	14.3%
CARTAGENA	4,289	1,933	-54.9%	6	3	-50.0%	2	0	-100.0%	175	184	5.7%
BILBAO	5,132	3,222	-37.2%	5	3	-40.0%	692	0	-	117	112	-4.5%
SAGUNTO	5,136	493	-90.4%	7	1	-85.7%	1,693	0	-100.0%	175	189	8.0%
MUGARDOS	3,181	964	-69.7%	3	1	-66.7%	18	99	>100%	74	73	-2.1%
MUSEL (*)	0	0	-	0	0	-	0	0	-	31	63	>100%
Total	21,805	14,320	-34.3%	25	17	-32.0%	2,662	424	-84.1%	950	1,046	10.0%



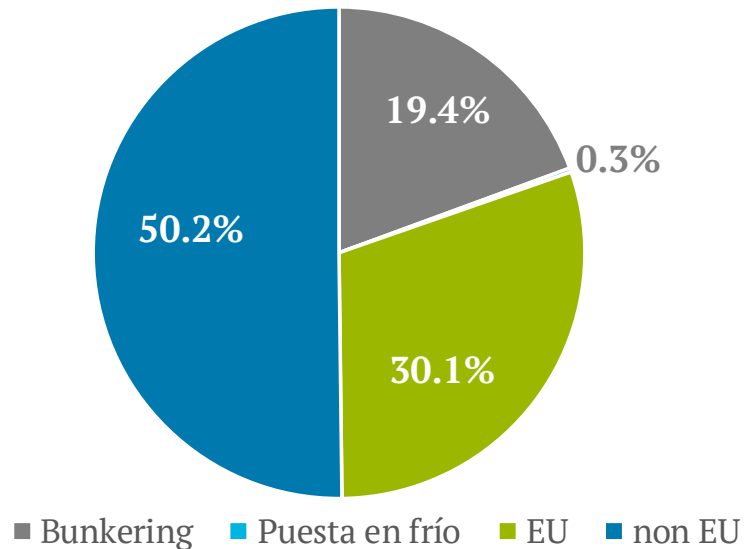
(*) Unloads at El Musel terminal in order to carry out the commissioning of the terminal.

5. Regasification plants activity

Destination of cargoes. October 2024



Destination of cargoes. January-October 2024



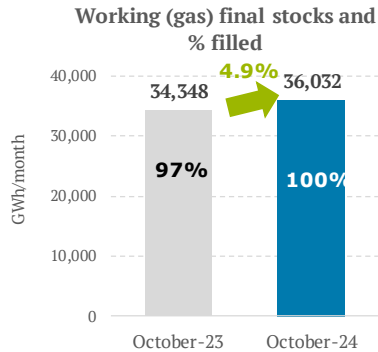
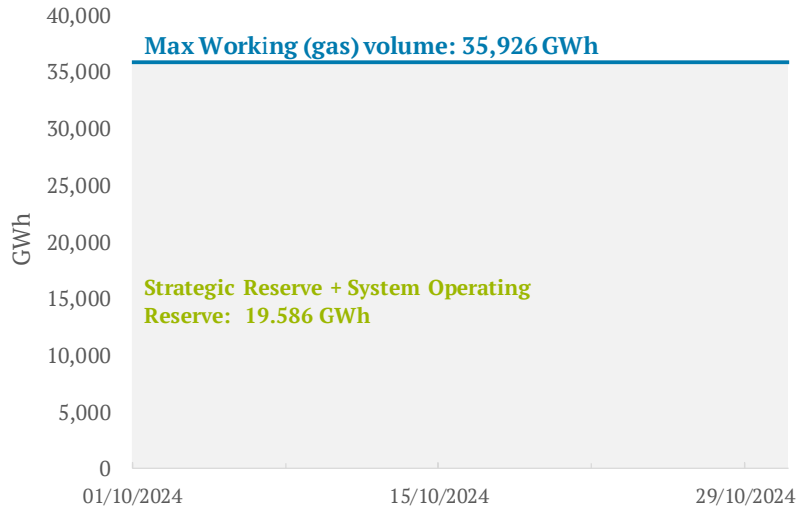
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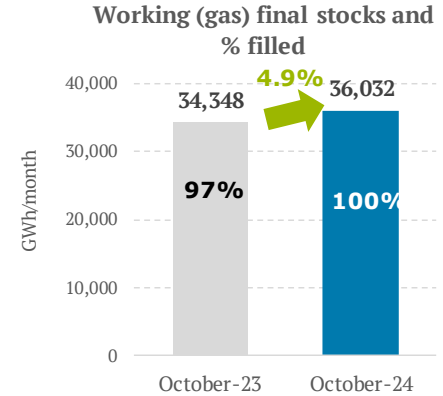
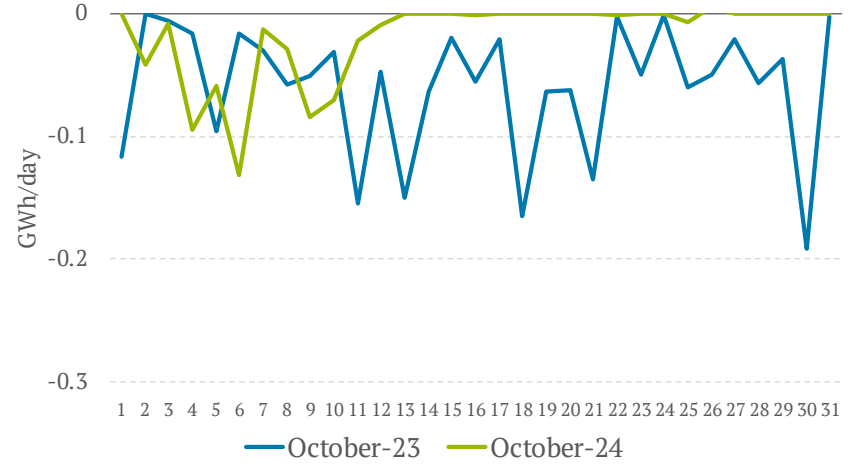
6. UGS activity

Working gas evolution



In October-24, stock at AVB represent 100% 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 October 2024, no Operation notes had been published.

Relevant facts:

- No relevant fact has been published this month



