

# Statistical bulletin

July 2024

**PRELIMINARY**

Technical Management of the System

[GTS\\_DEMANDA@enagas.es](mailto:GTS_DEMANDA@enagas.es)

August-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

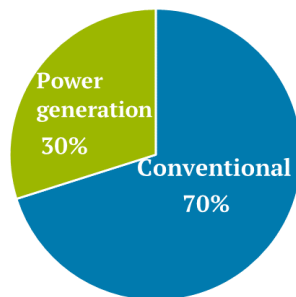
## 6. Underground Storage activity

## 7. Operating notes and other relevant facts

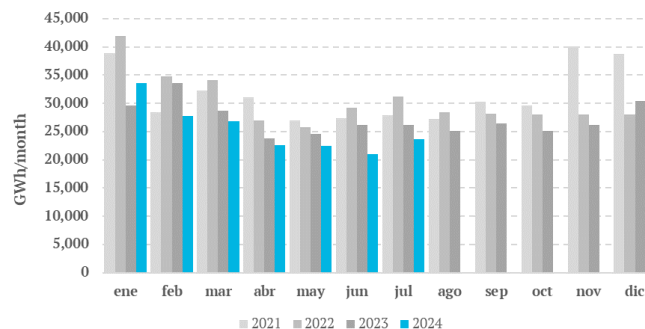
# 1. Evolution of gas demand

GWh	Monthly accumulated		Annual accumulated		Moving Annual Total	
	July-2024	%Δ s/2023	Jan-Jul 2024	%Δ s/2023	MAT: Jun 2023-Jul 2024	%Δ MAT vs 2023
<b>National Market demand</b>	<b>23,647</b>	<b>-9.7%</b>	<b>177,895</b>	<b>-7.6%</b>	<b>310,954</b>	<b>-4.5%</b>
Conventional	16,579	5.2%	141,458	2.2%	232,835	1.3%
Power generation	7,068	-32.3%	36,437	-32.6%	78,120	-18.4%
<b>International Market demand</b>	<b>4,880</b>	<b>32.0%</b>	<b>23,365</b>	<b>-52.0%</b>	<b>49,964</b>	<b>-33.6%</b>
International connections exports	2,384	-28.0%	14,841	-59.3%	31,745	-40.5%
LNG Vessel loading	2,496	>100%	8,524	-30.4%	18,219	-16.9%
<b>TOTAL</b>	<b>28,527</b>	<b>-4.6%</b>	<b>201,260</b>	<b>-16.5%</b>	<b>360,919</b>	<b>-10.0%</b>

National market demand July 2024

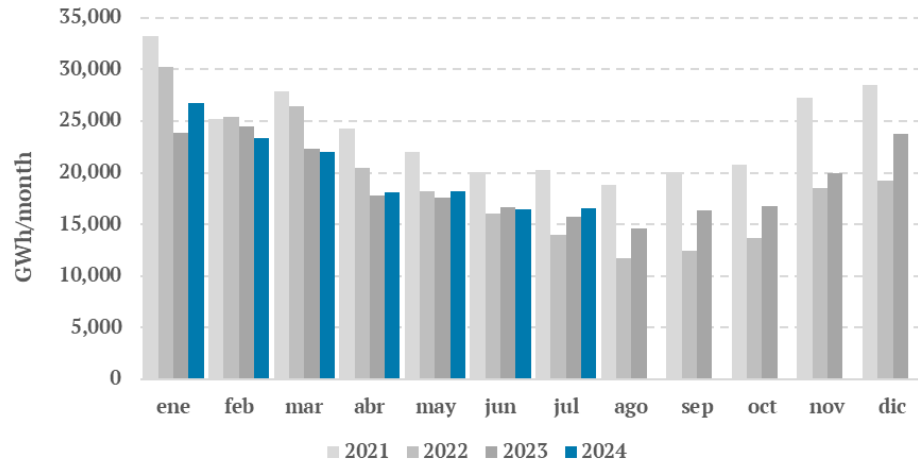


Total Demand

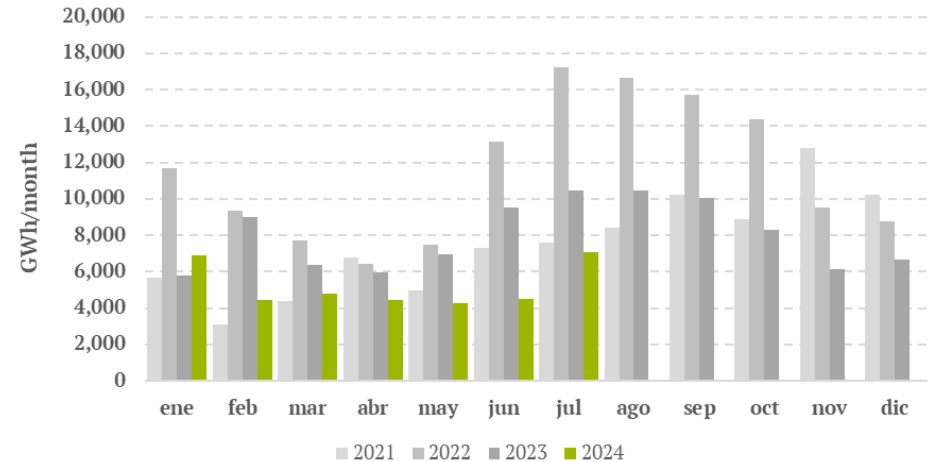


# 1. Evolution of gas demand

## Final Demand



## Demand for Power generation



# 1.1 Evolution of gas demand. Conventional

Demand  
  
 Conventional market

**+5.2%**

more than the previous year

Temperatures



**-0.1°C**

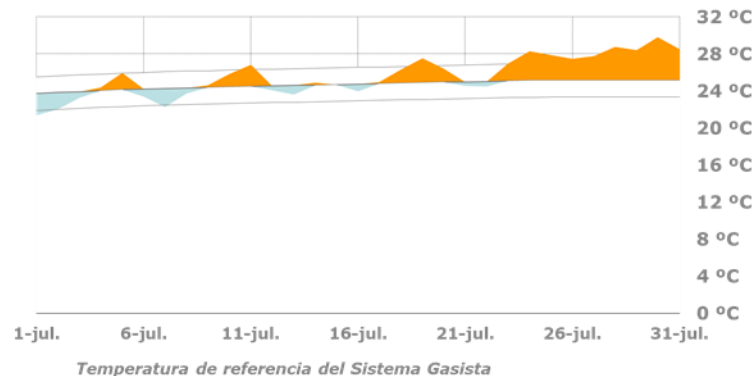
less than the previous year

Without temperature effect

Demand	Conventional demand		Accumulated		MAT	
	Jul 2024 (*)	%24 s/23	Jan - Jul 2024	%24 s/23	Jul24-Aug23	% MAT s/23
	GWh		GWh		GWh	
	16,579	5.2%	141,458	2.2%	232,835	1.3%
Calendar		6.2%		0.3%		0.0%
Temperature		0.0%		-0.6%		-0.4%
Amended demand		-1.0%		2.5%		1.7%

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

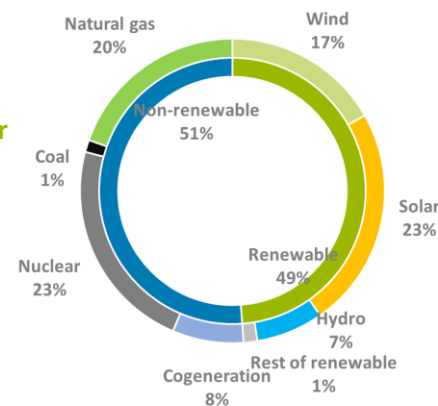
\* Period without significant temperature effects



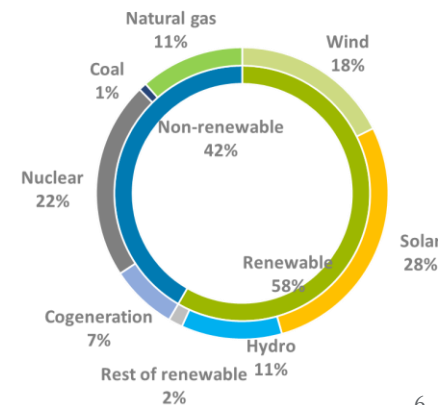
# 1.2 Power generation– electricity generation mix

TWh (e)	2023 July 1 <sup>st</sup> to 31st	2024 July 1st to 31st	Δ 2024 vs 2023	% Δ 2024 vs 2023
<b>Power generation</b>	<b>21.3</b>	<b>21.4</b>	<b>0.1</b>	<b>0.5%</b>
<b>Wind</b>	<b>3.8</b>	<b>4.1</b>	<b>0.3</b>	<b>8.5%</b>
use of installed capacity [GW]	30.2	30.7	0.5	1.7%
% utilization of total installed	17%	18%		
<b>Solar</b>	<b>5.3</b>	<b>6.5</b>	<b>1.2</b>	<b>22.5%</b>
use of installed capacity [GW]	27.6	28.8	1.2	4.3%
% utilization of total installed	26%	30%		
<b>Hydro</b>	<b>1.6</b>	<b>2.6</b>	<b>1.0</b>	<b>61.0%</b>
<b>Rest of renewable</b>	<b>0.3</b>	<b>0.4</b>	<b>0.0</b>	<b>9.7%</b>
<b>Cogeneration</b>	<b>1.7</b>	<b>1.7</b>	<b>0.0</b>	<b>0.9%</b>
<b>Nuclear</b>	<b>5.1</b>	<b>5.1</b>	<b>-0.1</b>	<b>-1.2%</b>
<b>Coal</b>	<b>0.3</b>	<b>0.2</b>	<b>-0.1</b>	<b>-28.7%</b>
<b>Natural gas</b>	<b>4.4</b>	<b>2.7</b>	<b>-1.7</b>	<b>-39.5%</b>
<b>International exchanges</b>	<b>-0.5</b>	<b>-0.9</b>	<b>-0.4</b>	<b>88.9%</b>
<b>France</b>	export	export		
<b>Portugal</b>	0.9	1.1	0.2	
<b>Morocco</b>	-1.2	-1.7	-0.5	
	-0.18	-0.31	-0.14	

2023  
Gas demand for Power  
Generation  
10.4 TWh (g)



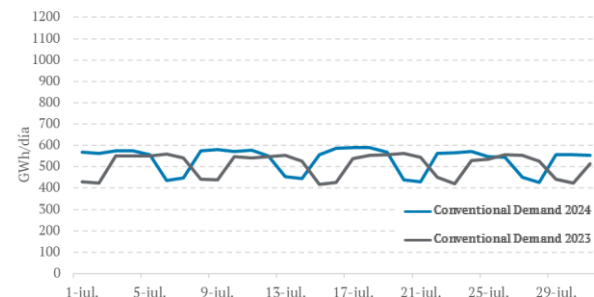
2024  
Gas demand for Power  
Generation  
7.0 TWh (g)



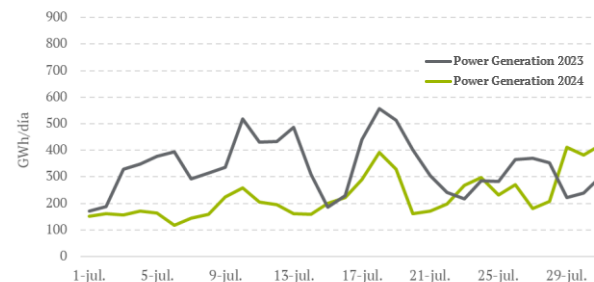
# 1.3 Evolution of CCAA gas demand

GWh	CONVENTIONAL DEMAND (without LNG trucks)		POWER GENERATION		LNG trucks	
	Jul-2024	%Δ vs July 2023	Jul-2024	%Δ vs July 2023	Jul-2024	%Δ vs July 2023
Andalucía	2.205	4,3%	1.378	-46,1%	211	0,0%
Aragón	907	-0,4%	284	-51,4%	48	-1,5%
Asturias	439	18,4%	274	-52,9%	31	22,1%
Baleares	98	6,2%	861	-12,7%	9	9,7%
Cantabria	164	-31,2%	0	0,0%	26	6,8%
Castilla - La Mancha	777	-4,1%	291	215,3%	46	-13,0%
Castilla y León	1.055	0,0%	0	0,0%	53	0,1%
Cataluña	3.034	10,7%	1.047	-16,7%	116	-5,6%
Comunidad Valenciana	2.025	4,9%	594	-28,9%	123	26,6%
Extremadura	132	-24,7%	0	0,0%	40	50,0%
Galicia	684	0,0%	470	-45,6%	52	5,9%
La Rioja	133	13,6%	179	4,6%	3	64,7%
Madrid	901	14,4%	0	0,0%	184	145,0%
Murcia	1.253	-0,8%	822	-19,0%	43	6,6%
Navarra	349	4,6%	315	-62,1%	12	19,2%
País Vasco	1.379	11,4%	557	-13,3%	38	-2,8%

### Daily evolution Conventional Demand



### Daily evolution Power Generation



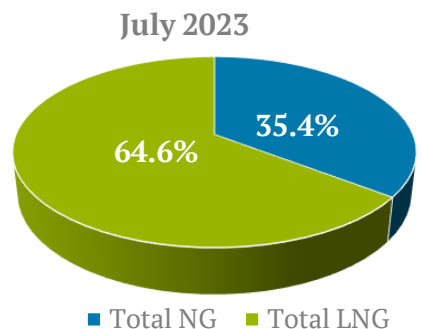
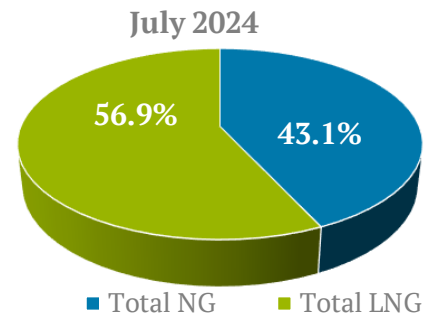


1. Evolution of gas demand
  1. Conventional demand
  2. Power generation
  3. CCAA
2. **Demand coverage**
  1. **Origin of supplies**
  2. **Interconnection Points**
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4. TVB activity
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## 2.1 Demand coverage: Origin of supplies

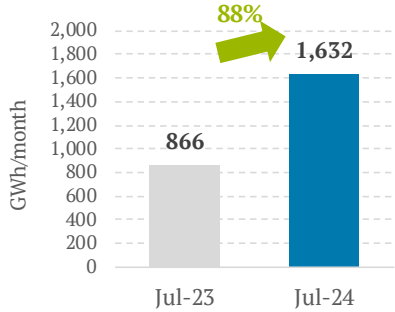
Unit: GWh		Monthly accumulated		Annual accumulated		Moving Annual Total		
		Jul-2024	% s TOTAL	Jul-2023	Jan-Jul 2024	% s TOTAL	MAT: Aug 2023 - Jul 2024	% s TOTAL
Algeria	NG	8,561	30.8%	8,613	60,215	36.5%	104,270	36.0%
	LNG	0		493	14,702		27,273	
Russia	LNG	7,617	27.4%	8,764	46,567	22.7%	69,349	19.0%
United States	LNG	4,532	16.3%	3,945	37,617	18.3%	75,778	20.7%
Nigeria	LNG	1,718	6.2%	2,675	15,309	7.5%	36,450	10.0%
France	GN	1,733	10.2%	1,703	8,656	4.7%	15,056	4.7%
	GNL	1,093		0	1,093		2,181	
Portugal	LNG	1,632	5.9%	866	7,288	3.5%	10,295	2.8%
Qatar	GN	847	3.1%	879	5,211	2.5%	11,412	3.1%
Trinidad	LNG	0	0.0%	2,713	821	0.4%	821	0.2%
Norway	LNG	0	0.0%	0	2,777	1.4%	5,560	1.5%
Peru	LNG	0	0.0%	0	1,139	0.6%	1,139	0.3%
Belgium *	LNG	0	0.0%	0	2,128	1.0%	2,128	0.6%
Congo	LNG	0	0.0%	0	878	0.4%	878	0.2%
TVB	LNG	0	0.0%	0	740	0.4%	740	0.2%
National deposits	NG	0	0.0%	21	96	0.0%	226	0.1%
National Biomethane	NG	27	0.1%	25	192	0.1%	306	0.1%
Egypt	LNG	0	0.0%	0	0	0.0%	821	0.2%
Cameroon	LNG	0	0.0%	0	0	0.0%	1,103	0.3%
Angola	LNG	0	0.0%	1,052	0	0.0%	0	0.0%
<b>TOTAL</b>		<b>27,760</b>	<b>100%</b>	<b>31,749</b>	<b>205,431</b>	<b>100%</b>	<b>365,787</b>	<b>100%</b>



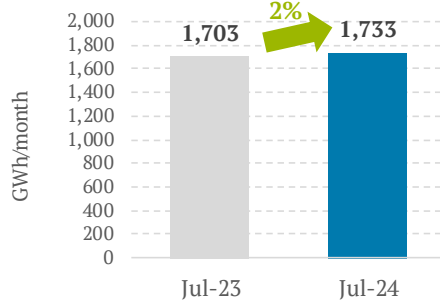
(\*) unloading from a previous recharge at a Spanish terminal

# 2.1 Demand coverage : Interconnection Points

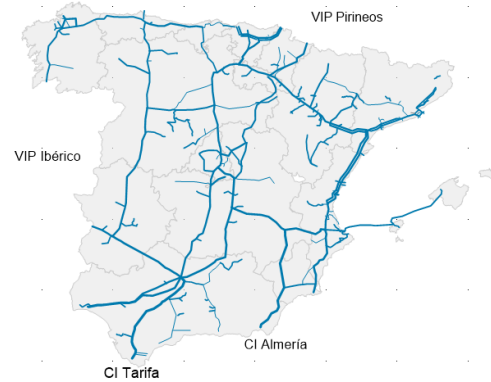
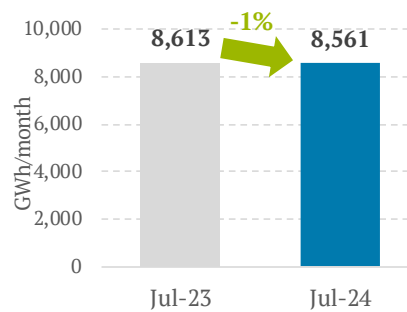
### VIP IBERICO (imports)



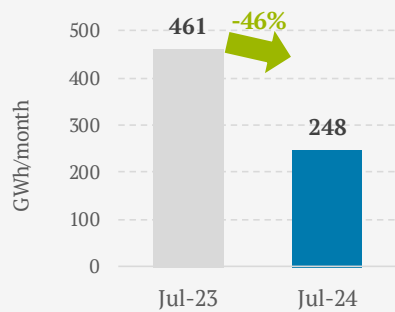
### VIP PIRINEOS (imports)



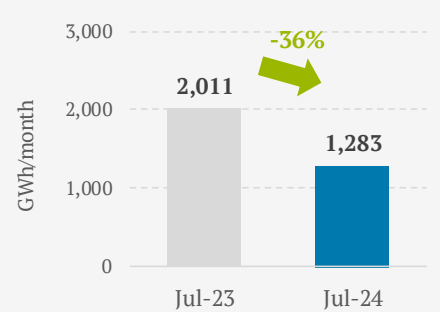
### ALMERIA (imports)



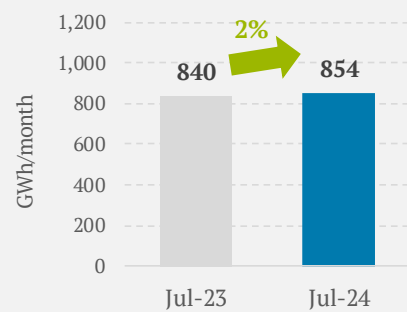
### VIP IBERICO (exports)



### VIP PIRINEOS (exports)



### TARIFA (exports)



(\*) SL-ATR data

## 2.1 Demand coverage : Interconnection Points

### Net balances

GWh	Monthly accumulated			Annual accumulated		Moving Annual Total	
	Jul-2023	Jul-2024	%Δ s/2023	Jan-Jul 2024	%Δ s/2023	MAT: Aug 2023 - Jul 2024	%Δ MAT vs 2023
Tarifa	-840	-854	1.7%	-5,298	-2.2%	-9,351	-1.3%
Almería	8,613	8,561	-0.6%	60,215	18.5%	104,240	9.9%
VIP Ibérico	405	1,384	>100%	4,535	-59.0%	10,007	-39.5%
VIP Pirineos	-308	450	<-100%	1,865	<-100%	-2,122	-90.7%
National Deposits	21	0	-100.0%	96	-31.1%	224	-16.2%
Biogas	25	28	9.2%	193	47.9%	307	25.6%
<b>Total</b>	<b>7,917</b>	<b>9,570</b>	<b>&gt;100%</b>	<b>61,606</b>	<b>63.0%</b>	<b>103,305</b>	<b>30.0%</b>

+ Transport network input

- Transport network output

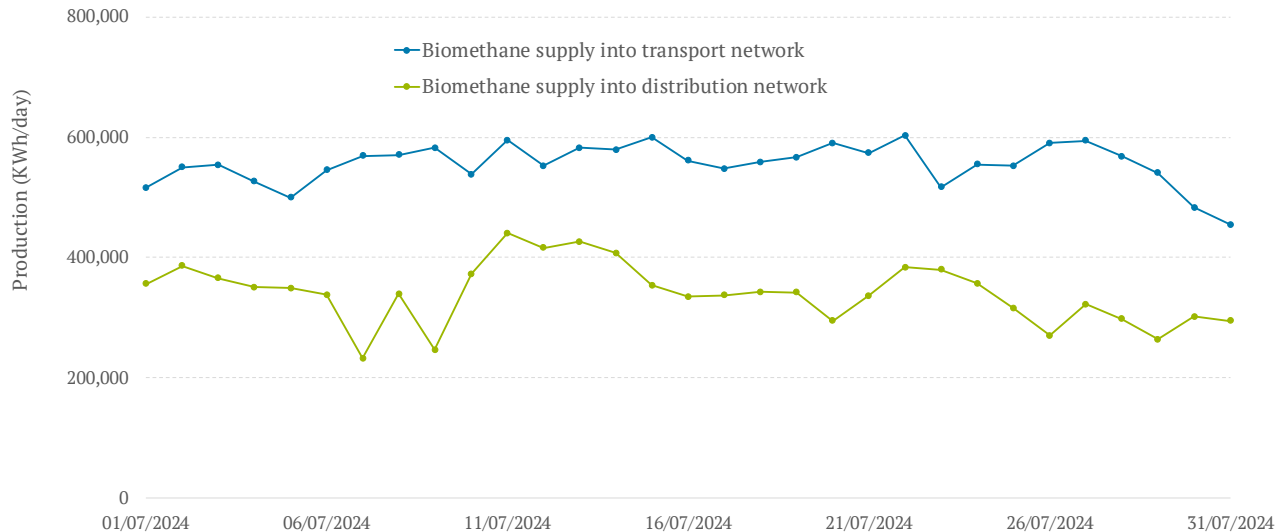


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# 3. Renewable gases

## BIOGAS production into Transport and Distribution Network

Unidad: GWh	Monthly Accumulated			Annual Accumulated		Moving Annual Total	
	Jul-2023	Jul-2024	%Δ s/2023	Jan-Jul 2024	%Δ s/2023	MAT: Aug 2023 - Jul 2024	%Δ MAT vs 2023
Biomethane injected into transport network	16.6	17.2	3.9%	115.3	14.5%	185.8	8.5%
Biomethane injected into distribution network	8.9	10.6	19.0%	77.3	>100%	120.7	65.5%
<b>Total</b>	<b>25.4</b>	<b>27.8</b>	<b>9.2%</b>	<b>192.6</b>	<b>47.9%</b>	<b>306.6</b>	<b>25.6%</b>



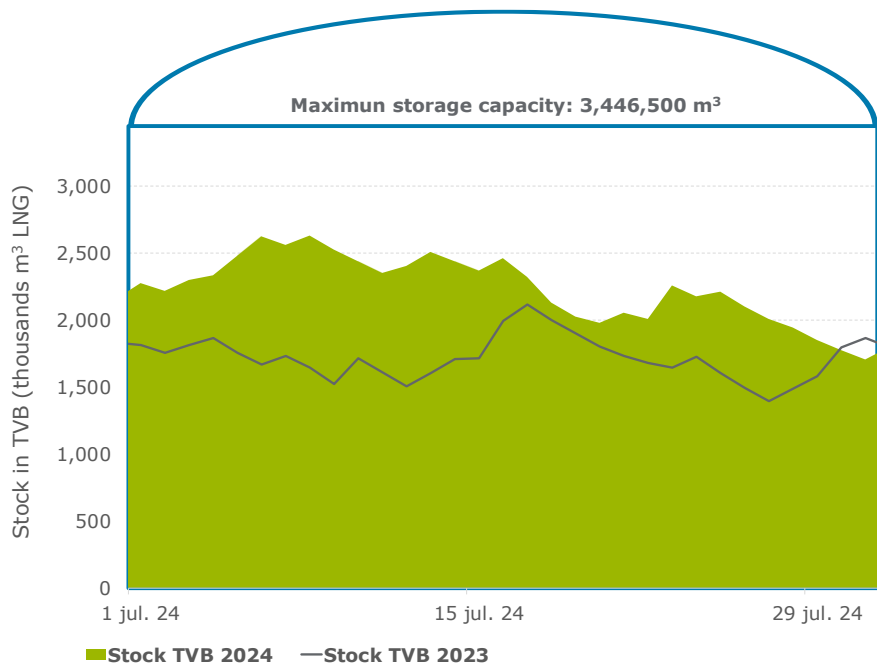
(\*) Table: Allocation data from the SL-ATR



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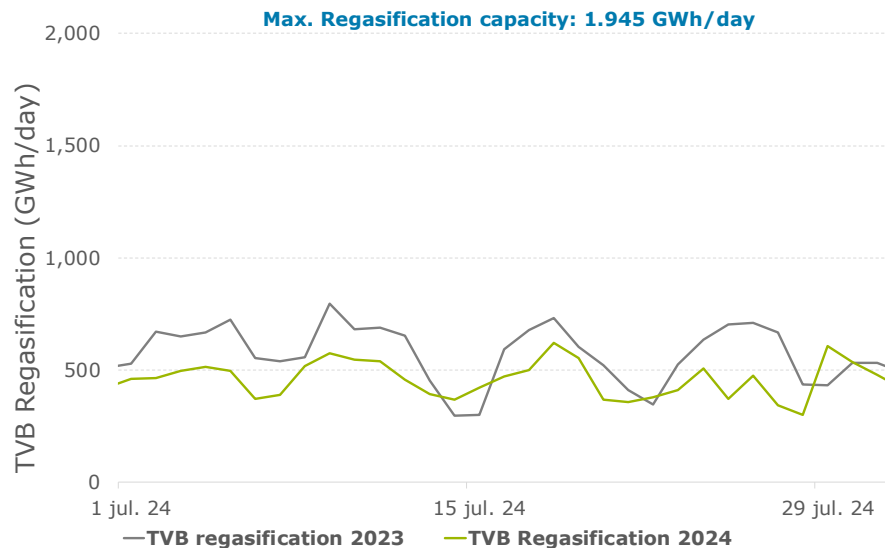
# 4. TVB activity

## TVB stock evolution



In July-24, the average TVB stock represents 65% of the average contracted capacity during that month

## Regasification in TVB



### July 2024

	GWh/month
Total regasification capacity	60,295
Contracted regasification capacity	15,229
Available regasification capacity	45,066
Commercial regasification	14,535

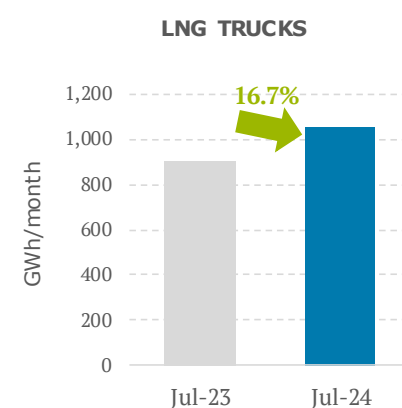
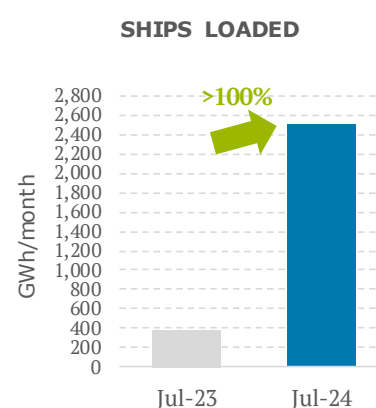
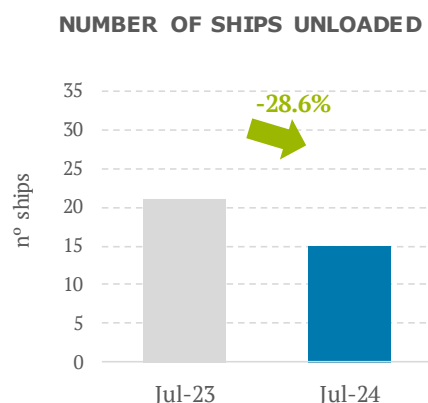
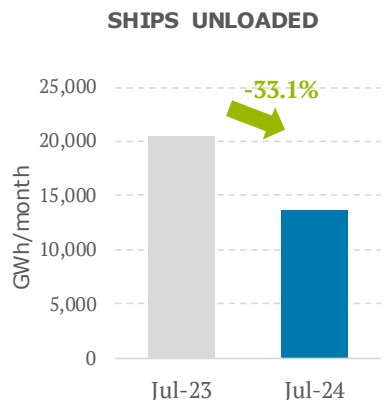


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# 5. Regasification plants activity

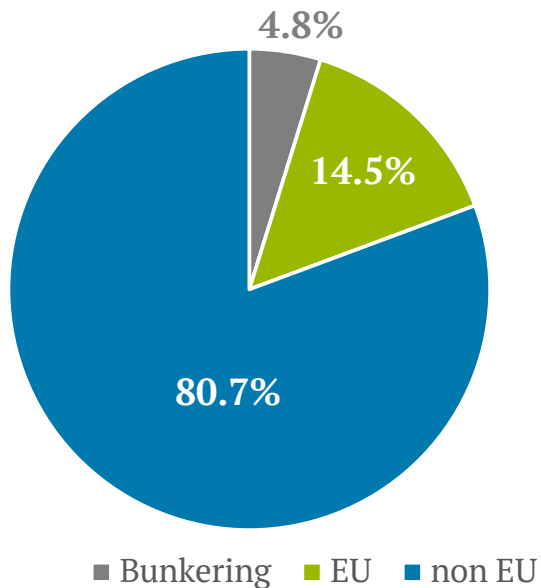
GWh	Ships Unloaded			Number of Ships Unloaded			Ships Loaded			LNG Trucks		
	Jul-2023	Jul-2024	%Δ s/2023	Jul-2023	Jul-2024	%Δ s/2023	Jul-2023	Jul-2024	%Δ s/2023	Jul-2023	Jul-2024	%Δ s/2023
BARCELONA	3,563	2,267	-36.4%	4	2	-50.0%	218	321	47.2%	170	217	27.6%
HUELVA	3,140	2,913	-7.2%	3	3	0.0%	102	190	87.2%	221	239	8.4%
CARTAGENA	2,482	2,100	-15.4%	3	2	-33.3%	28	1,102	>100%	138	161	17.1%
BILBAO	4,267	3,316	-22.3%	4	4	0.0%	37	0	-	109	108	-0.4%
SAGUNTO	3,016	1,953	-35.2%	3	2	-33.3%	0	883	>100%	159	197	24.2%
MUGARDOS	2,072	1,172	-43.4%	2	2	0.0%	0	0	>100%	106	74	-30.2%
MUSEL (*)	1,981	0	-	2	0	-	0	0	-	1	56	>100%
<b>Total</b>	<b>20,520</b>	<b>13,720</b>	<b>-33.1%</b>	<b>21</b>	<b>15</b>	<b>-28.6%</b>	<b>385</b>	<b>2,497</b>	<b>&gt;100%</b>	<b>902</b>	<b>1,053</b>	<b>16.7%</b>



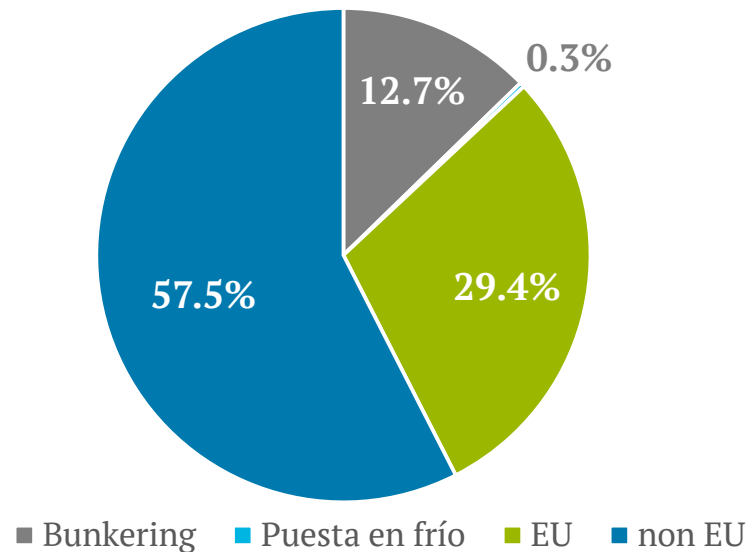
(\*) Unloads at El Musel terminal in order to carry out the commissioning of the terminal.

# 5. Regasification plants activity

Destination of cargoes. Jul 2024



Destination of cargoes. January-July 2024

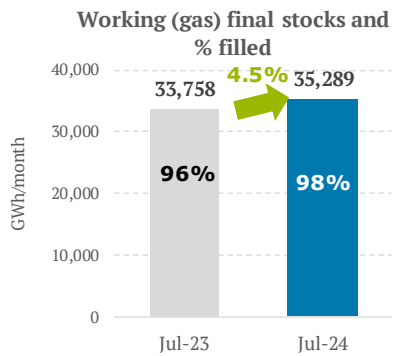
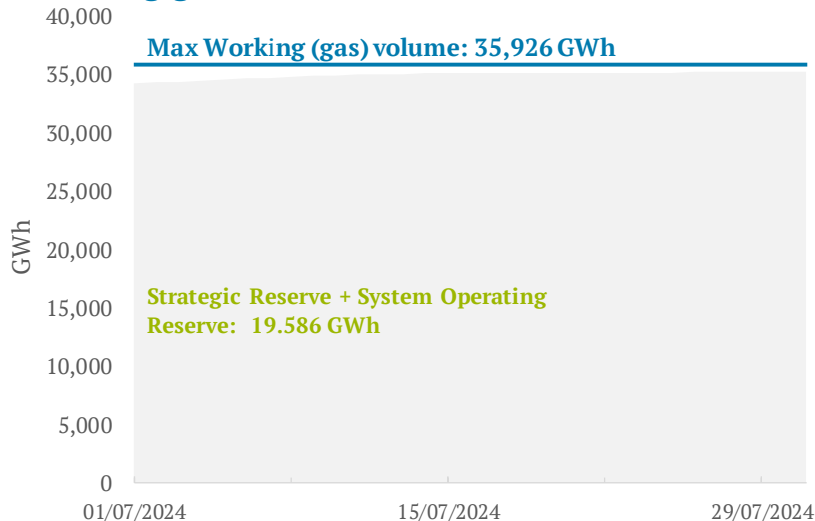




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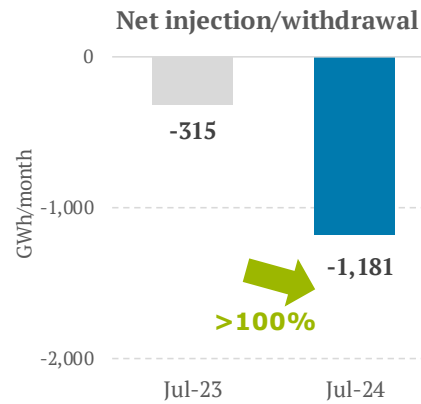
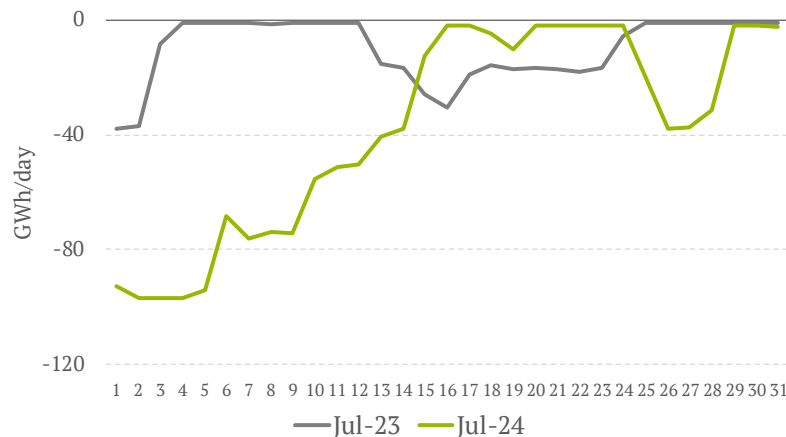
# 6. UGS activity

## Working gas evolution



In July-24, stock at AVB represent 98% 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 July 2024, one Operation note has been published.
  - ❖ Operation note n°5: Scheduled Maintenance on León-Oviedo gas pipeline (20”)

## Relevant facts:

- ❑ No relevant fact has been published this month



