

# Statistical bulletin

September 2022

**AVANCE**

Technical Management of the System

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

October-22





## 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

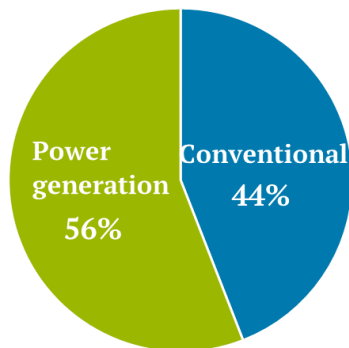
## 6. Underground Storage activity

## 7. Operating notes and other relevant facts

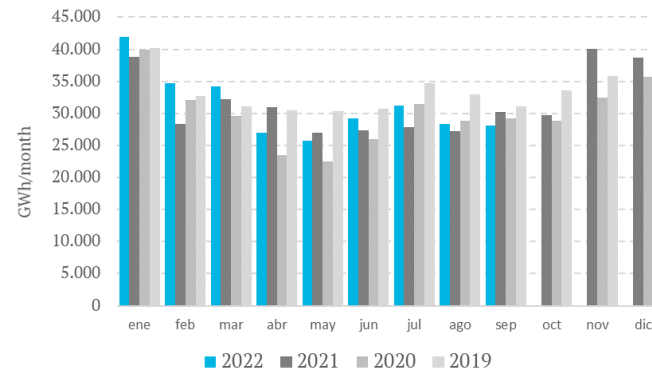
# 1. Evolution of gas demand

GWh	Monthly accumulated		Annual accumulated		Moving Annual Total	
	Sep-2022	%D s/2021	Jan-Sep 2022	%D s/2021	MAT: October 2021- September 2022	%D MAT vs 2021
<b>National Market demand</b>	<b>28.144</b>	<b>-6,8%</b>	<b>280.362</b>	<b>3,8%</b>	<b>388.782</b>	<b>2,7%</b>
Conventional	12.409	-38,0%	174.998	-17,3%	251.488	-12,7%
Power generation	15.735	54,1%	105.364	80,2%	137.294	51,9%
<b>International Market demand</b>	<b>3.066</b>	<b>-21,4%</b>	<b>44.077</b>	<b>48,2%</b>	<b>50.262</b>	<b>39,9%</b>
International conections exports	1.994	2,1%	29.284	87,4%	32.422	72,8%
LNG Vessel loading	1.071	-45,0%	14.793	4,8%	17.839	3,9%
<b>TOTAL</b>	<b>31.210</b>	<b>-8,5%</b>	<b>324.439</b>	<b>8,2%</b>	<b>439.043</b>	<b>5,9%</b>

National market demand September 2022

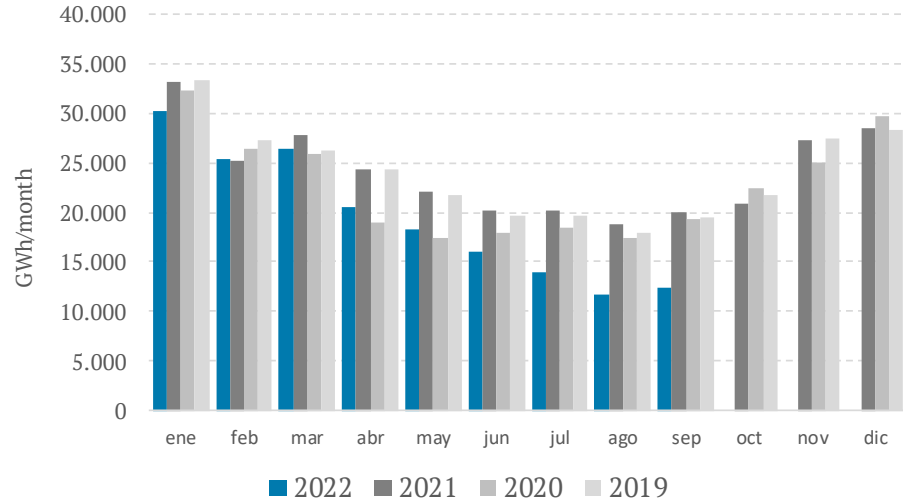


Total Demand

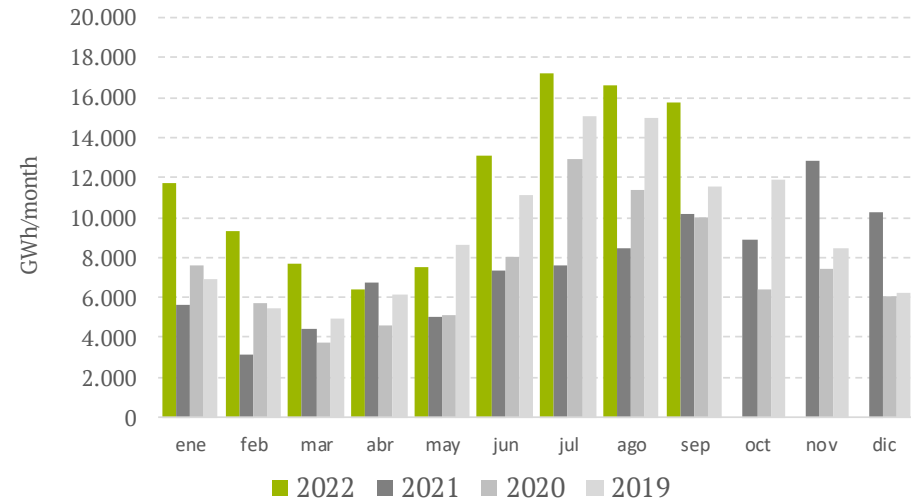


# 1. Evolution of gas demand

## Conventional Demand



## Power Generation



# 1.1 Evolution of gas demand. Conventional

Demand  
  
 Conventional market

**-38%**

Less than the previous year

Temperatures

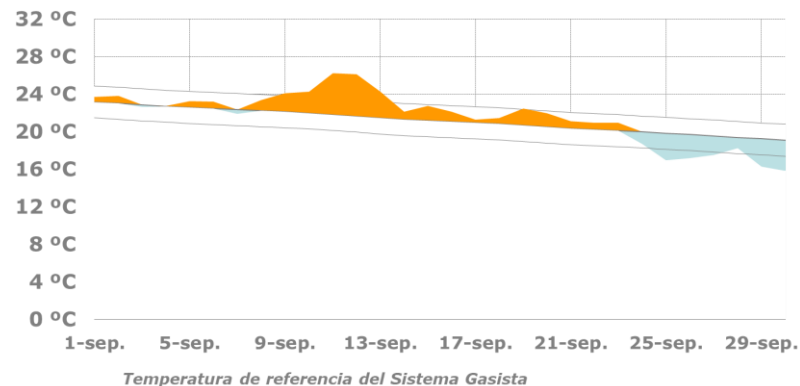


**+0,3°C**

More than the previous year

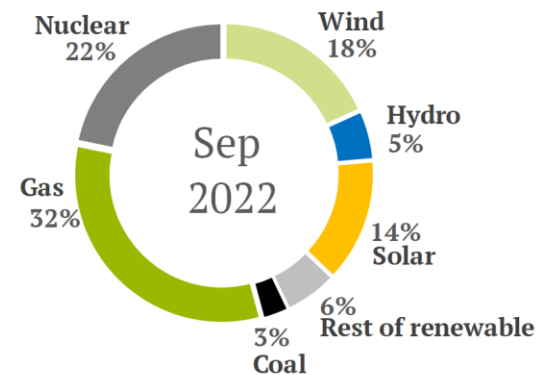
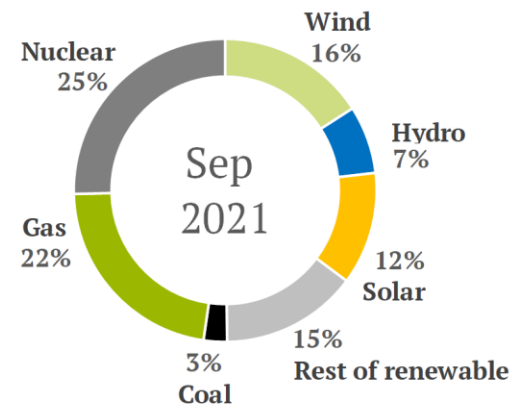
Demand	Conventional demand		Accumulated		MAT	
	Sep 2022 (*)		Jan-Sep 2022		Oct 2021-Sep 2022	
	GWh	%22 s/21	GWh	%22 s/21	GWh	% TAM s/21
	12.409	-38,0%	174.998	-17,3%	251.488	-12,7%
Calendar		0,0%		-0,2%		0,0%
Temperature		-0,3%		-0,8%		-0,6%
Amended demand		-37,7%		-16,3%		-12,1%

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

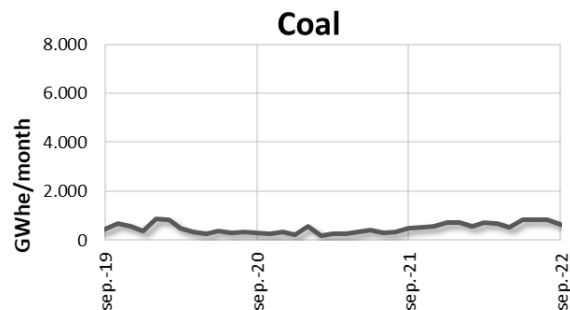
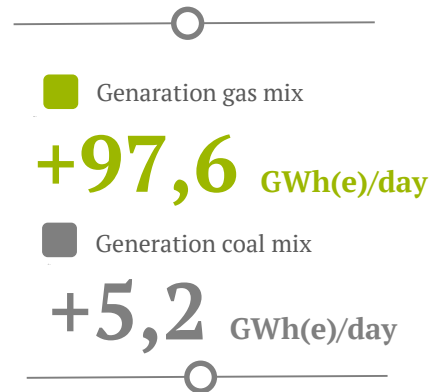
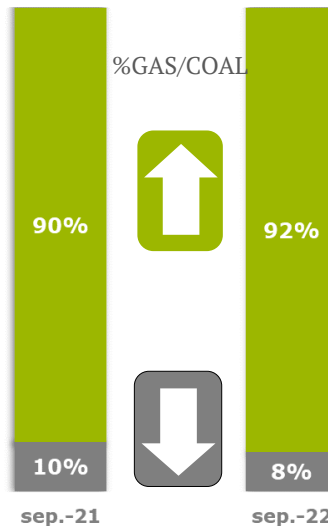
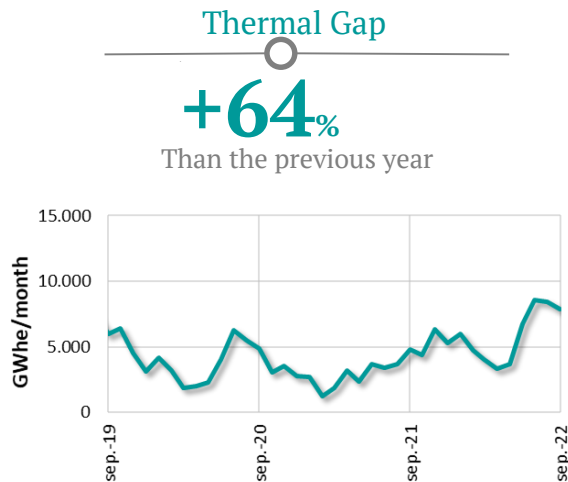


# 1.2 Power generation– electricity generation mix

TWh (e)	Sep 2021	Sep 2022
Power generation	19,8	19,1
Wind	3,1	4,1
Hydraulic	1,4	1,2
Solar	2,3	3,0
Rest of renewable	2,8	1,3
Cogeneration	2,2	0,8
Others	0,6	0,5
Thermal Gap	4,8	7,9
Coal	0,5	0,6
Gas	4,3	7,2
% gas in TG	90%	92%
Nuclear	4,9	4,8
International balances	0,6	-2,9
	import	export



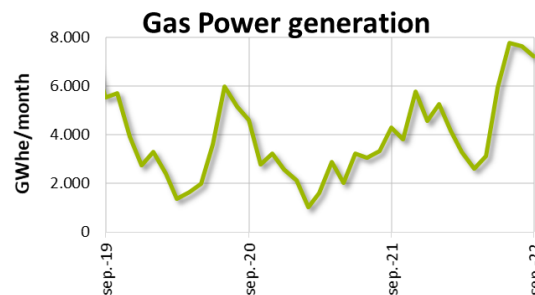
# 1.2 Power generation – Thermal Gap evolution



**+0,2 TWh/month(e)**



**+32% vs sep-21**



**+2,9 TWh/month(e)**

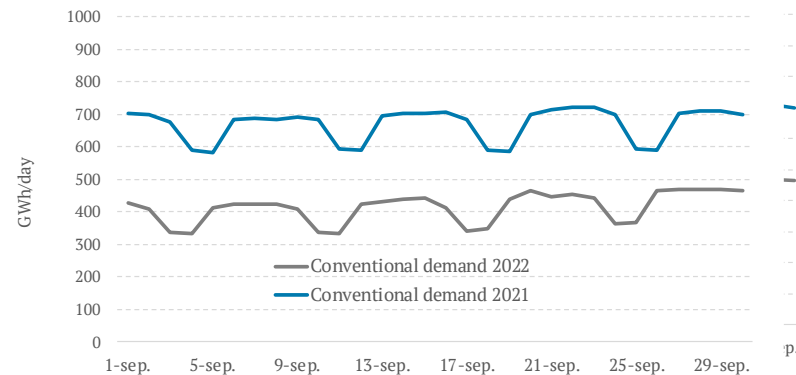


**+68% vs sep-21**

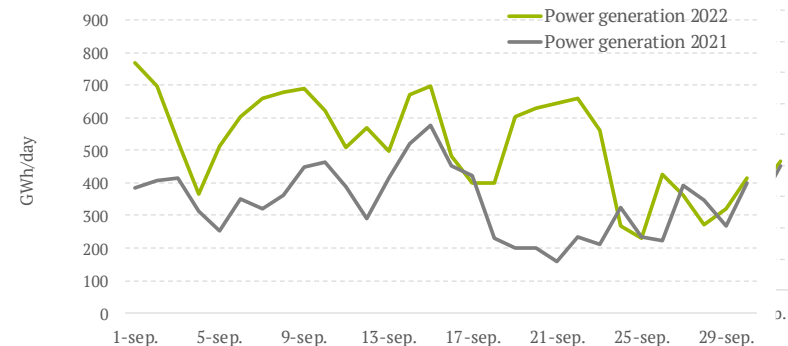
# 1.3 Evolution of CCAA gas demand

GWh	CONVENTIONAL DEMAND (without LNG trucks)		POWER GENERATION	
	Sep-2022	%D s/Sep 2021	Sep-2022	%D s/Sep 2021
CATALUÑA	2.346	-31,7%	2.162	73,5%
ANDALUCIA	1.309	-49,7%	4.352	>100%
VALENCIA	1.841	-30,4%	1.041	31,7%
PAIS_VASCO	978	-37,5%	1.560	72,2%
MURCIA	519	-62,0%	1.591	44,5%
CASTILLA_LEON	768	-40,4%	0	
ARAGON	620	-47,9%	538	>100%
GALICIA	560	-40,6%	1.073	15,0%
CASTILLA_MANCHA	508	-39,5%	340	57,9%
MADRID	831	-13,7%	0	
ASTURIAS	354	-28,7%	837	13,8%
NAVARRA	447	-20,8%	899	-10,2%
CANTABRIA	222	-44,0%	0	
LA_RIOJA	56	-41,6%	311	>100%
EXTREMADURA	238	-33,0%	0	
BALEARES	81	-4,0%	1.029	2,2%

Daily evolution Conventional Demand



Daily evolution Power Generation



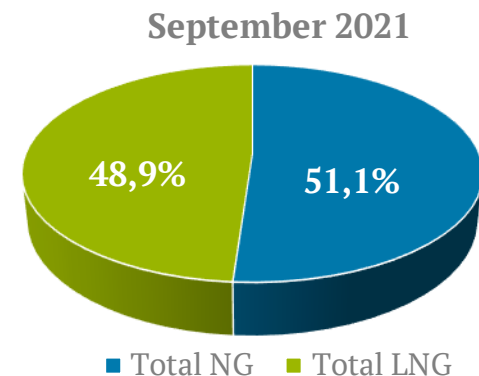
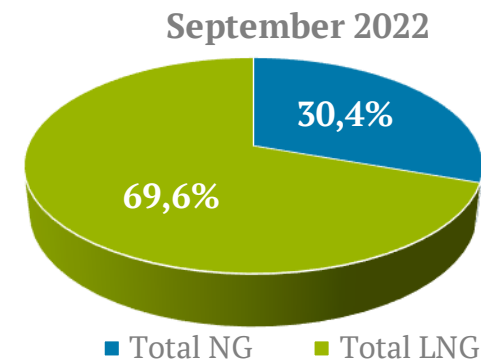




1. Evolution of gas demand
  1. Conventional demand
  2. Power generation
  3. CCAA
2. **Demand coverage**
  1. **Origin of supplies**
  2. **Interconnection Points**
3. Renewable gases
4. TVB activity
5. Regasification Plants activity
6. Underground Storage activity
7. Operating notes and other relevant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

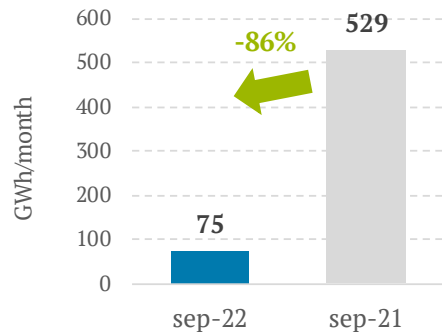
# 2.1 Demand coverage: Origin of supplies

Unit: GWh		Monthly accumulated (*)		Annual accumulated (*)		Moving Annual Total (*)		
		Sep-2022	% s TOTAL	Sep-2021	Jan-Sep 2022	% s TOTAL	MAT: October 2021-September 2022	% s TOTAL
Algeria	NG	7.962		14.865	77.146		105.089	
	LNG	969	25,4%	1.823	5.447	24,5%	13.585	26,2%
France	NG	2.617		3.011	14.850		25.726	
	LNG	0	7,4%	0	1.068	4,7%	2.127	6,2%
Angola	LNG	2.062	5,9%	0	3.103	0,9%	7.230	1,6%
Cameroon	LNG	1.016	2,9%	0	2.143	0,6%	2.143	0,5%
United States	LNG	6.012	17,1%	5.920	102.694	30,5%	129.647	28,6%
Equatorial Guinea	LNG	0	0,0%	0	3.922	1,2%	4.812	1,1%
Nigeria	LNG	5.338	15,2%	2.800	48.705	14,5%	65.397	14,4%
Peru	LNG	0	0,0%	0	1.080	0,3%	1.944	0,4%
Qatar	LNG	886	2,5%	4.322	9.860	2,9%	15.249	3,4%
Russia	LNG	5.355	15,2%	0	38.125	11,3%	48.485	10,7%
Trinidad	LNG	1.420	4,0%	832	8.879	2,6%	8.879	2,0%
Oman	LNG	0	0,0%	0	2.885	0,9%	2.885	0,6%
Belgium	LNG	0	0,0%	0	1.094	0,3%	1.094	0,2%
Egypt	LNG	978	2,8%	1.007	10.223	3,0%	11.307	2,5%
Portugal	NG	75	0,2%	529	3.602	1,1%	4.191	0,9%
Papua New Guinea	NG	0	0,0%	0	0	0,0%	0	0,0%
Spain	NG	0	0,0%	926	0	0,0%	0	0,0%
Australia	NG	0	0,0%	0	0	0,0%	842	0,2%
South Korea	NG	0	0,0%	0	167	0,0%	167	0,0%
Indonesia	NG	474	1,3%	0	474	0,1%	474	0,1%
National deposits	NG	48	0,1%	30	221	0,1%	301	0,1%
National Biogas	NG	12	0,0%	11	95	0,0%	117	0,0%
<b>TOTAL</b>		<b>35.225</b>	<b>100%</b>	<b>36.075</b>	<b>336.722</b>	<b>100%</b>	<b>452.630</b>	<b>100%</b>

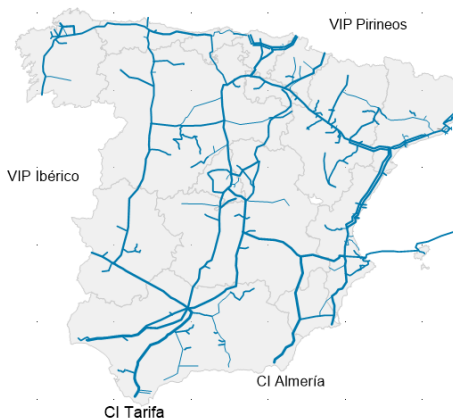
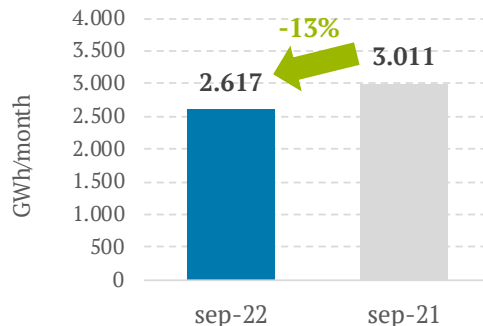


# 2.1 Demand coverage : Interconnection Points

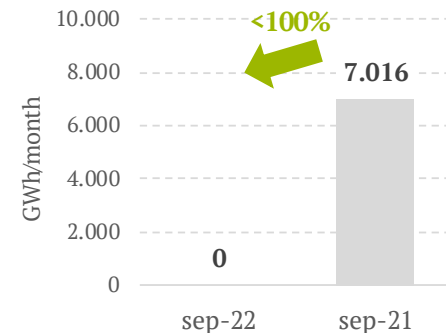
### VIP IBÉRICO (imports)



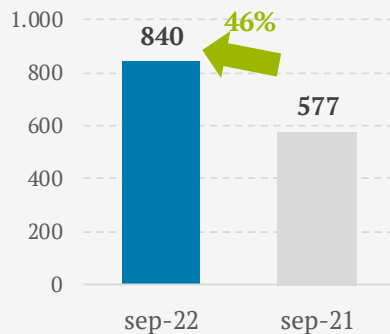
### VIP PIRINEOS (imports)



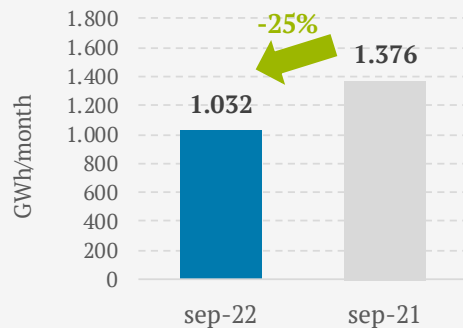
### TARIFA (imports)



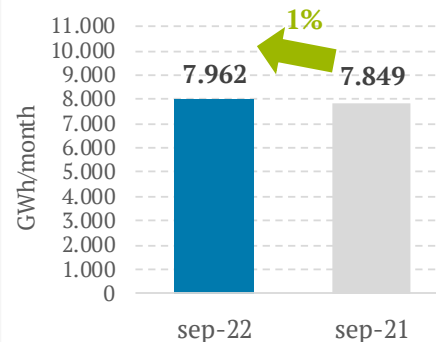
### VIP IBÉRICO (exports)



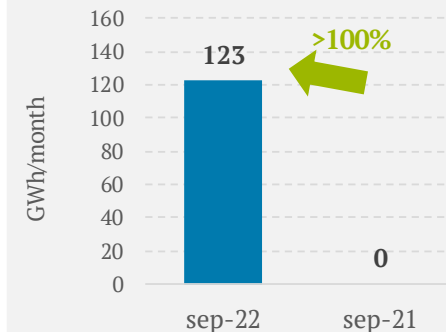
### VIP PIRINEOS (exports)



### ALMERÍA



### TARIFA (exports)



(\*) Datos de repartos del SL-ATR

## 2.1 Demand coverage : Interconnection Points

### Saldos Netos

GWh	Monthly accumulated			Annual accumulated		Moving Annual Total	
	Sep-2022	Sep-2021	%D s/2021	Jan-Sep 2022	%D s/2021	MAT: October 2021- September 2022	%D MAT vs 2021
Tarifa	-123	7.016	<100%	0	-100,0%	4.315	-93,5%
Almería	7.962	7.849	1,5%	77.146	18,6%	100.774	13,6%
VIP Ibérico	-766	-48	>100%	1.131	<100%	118	>100%
VIP Pirineos	1.586	1.635	-3,0%	-11.489	<100%	-2.149	-112,5%
National Deposits	48	30	58,7%	221	-27,4%	301	-21,7%
Biogas	12	11	6,5%	95	22,9%	117	17,9%
<b>Total</b>	<b>8.720</b>	<b>16.493</b>	<b>-47,1%</b>	<b>67.105</b>	<b>-50,1%</b>	<b>103.475</b>	<b>-39,4%</b>

+ Entradas a la red de transporte

- Salidas de la red de transporte

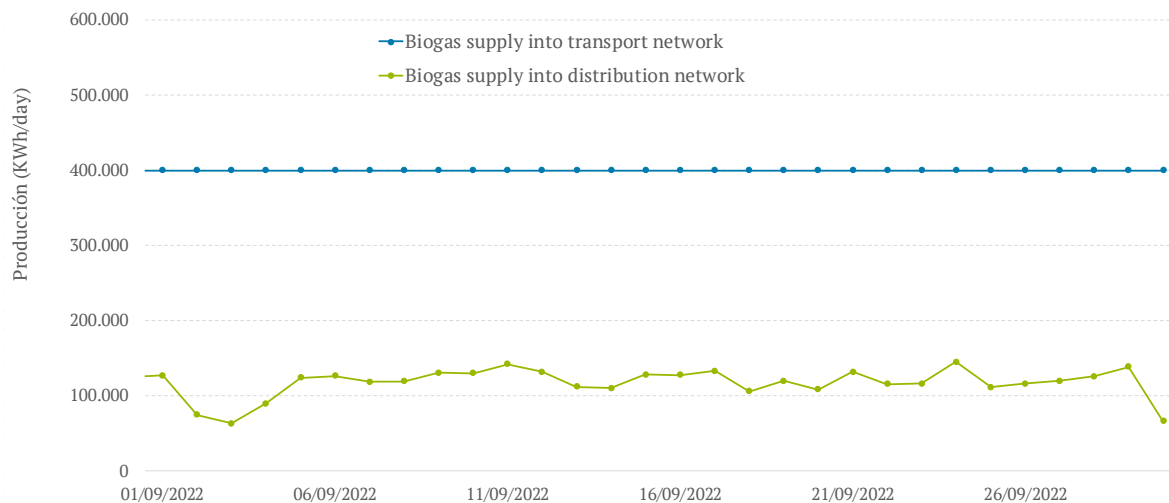


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# 3. Renewable gases

## BIOGÁS production into Transport and Distribution Network

Unidad: GWh	Monthly Accumulated			Annual Accumulated		Moving Annual Total	
	Sep-2022	Sep-2022	%Δ s/2021	Jan-Sep 2022	%Δ s/2021	MAT: October 2021-September 2022	%Δ s/2021
BIOGÁS injected into transport network	12,0	11,3	6,5%	95,2	22,9%	116,8	17,9%
BIOGÁS injected into distribution network	3,5	0,5	>100%	29,6	>100%	34,9	>100%
<b>Total</b>	<b>15,5</b>	<b>11,7</b>	<b>32,2%</b>	<b>124,8</b>	<b>59,9%</b>	<b>151,7</b>	<b>44,6%</b>



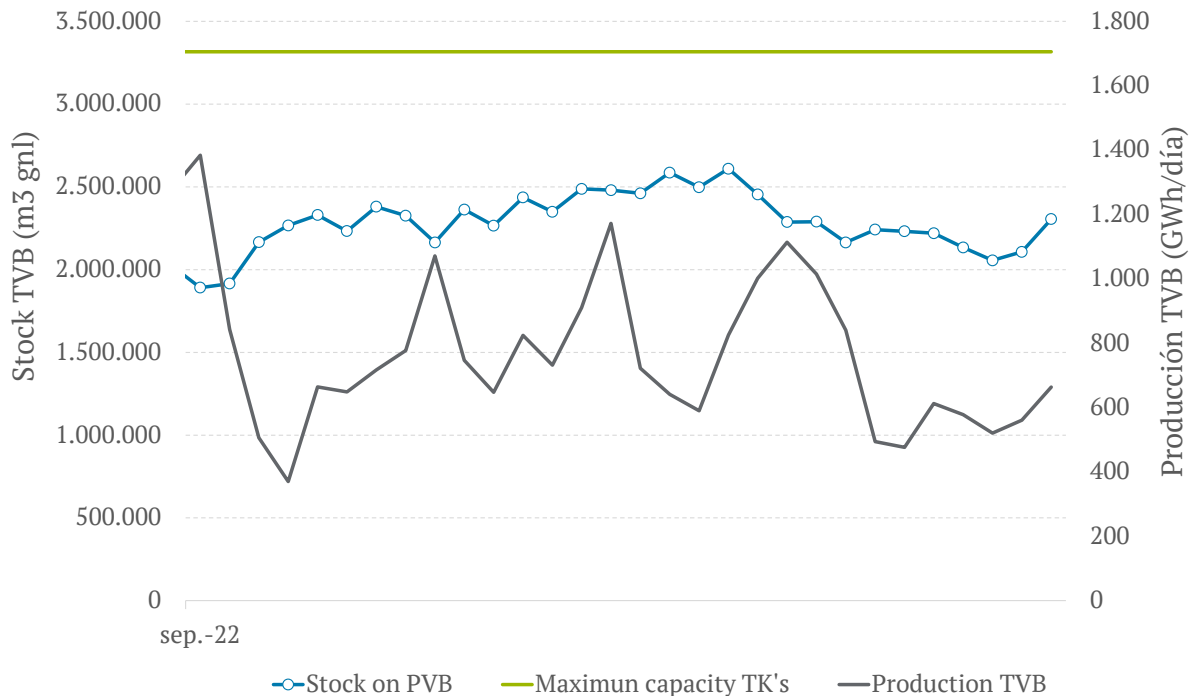
(\*) Datos de repartos del SL-ATR



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# 4. TVB activity

## TVB Stock evolution and TVB production



<b>September 2022</b>	<b>GWh/month</b>
Total capacity	57.450
Contracted capacity TVB	25.468
Available capacity	31.982
Commercial regasification	21.219



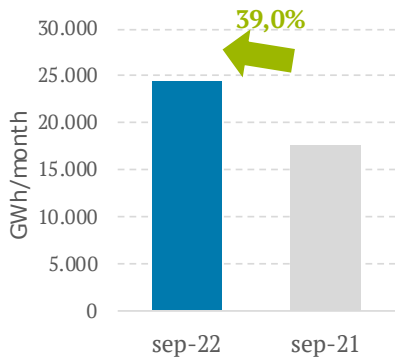


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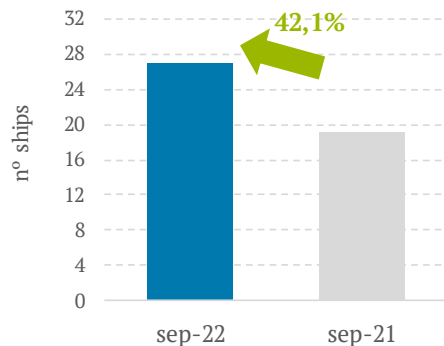
# 5. Regasification plants activity

GWh	Ships Unloaded			Number of Ships Unloaded			Ships Loaded			LNG Trucks		
	Sep-2022	Sep-2021	%D s/2021	Sep-2022	Sep-2021	%D s/2021	Sep-2022	Sep-2021	%D s/2021	Sep-2022	Sep-2021	%D s/2021
BARCELONA	3.908	2.693	45,1%	4	3	33,3%	368	1.005	-63,4%	148	283	-47,7%
HUELVA	6.442	5.579	15,5%	8	6	33,3%	50	941	-94,7%	185	275	-32,8%
CARTAGENA	3.703	3.769	-1,7%	4	4	0,0%	0	0	-	133	238	-43,8%
BILBAO	3.664	2.759	32,8%	4	3	33,3%	0	0	-	80	89	-10,3%
SAGUNTO	4.690	716	>100%	5	1	>100%	654	0	>100%	121	186	-34,7%
MUGARDOS	2.104	2.113	-0,4%	2	2	0,0%	0	0	-	64	102	-36,9%
<b>Total</b>	<b>24.511</b>	<b>17.630</b>	<b>39,0%</b>	<b>27</b>	<b>19</b>	<b>42,1%</b>	<b>1.071</b>	<b>1.947</b>	<b>-45%</b>	<b>732</b>	<b>1.173</b>	<b>-37,6%</b>

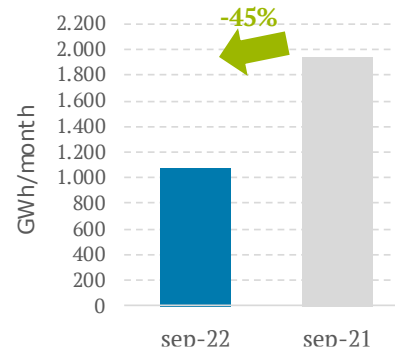
SHIPS UNLOADED



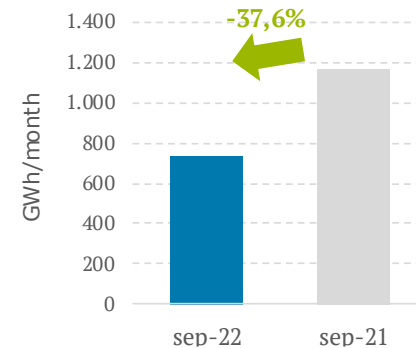
NUMBER OF SHIPS UNLOADED



SHIPS LOADED



LNG TRUCKS



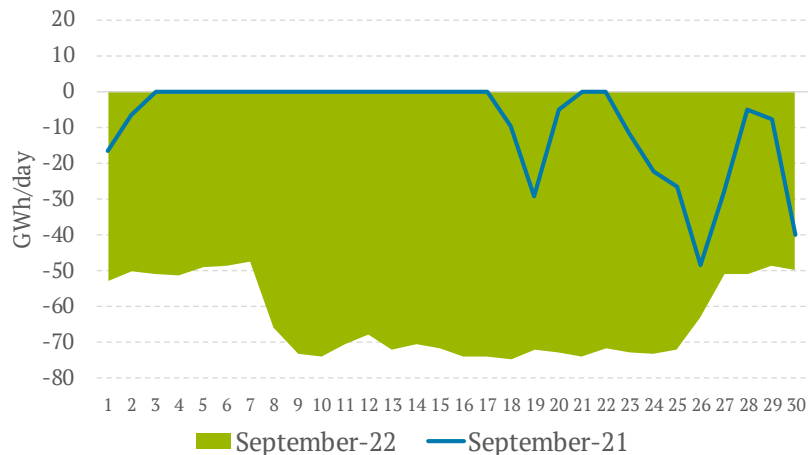
(\*) Datos de repartos del SL-ATR



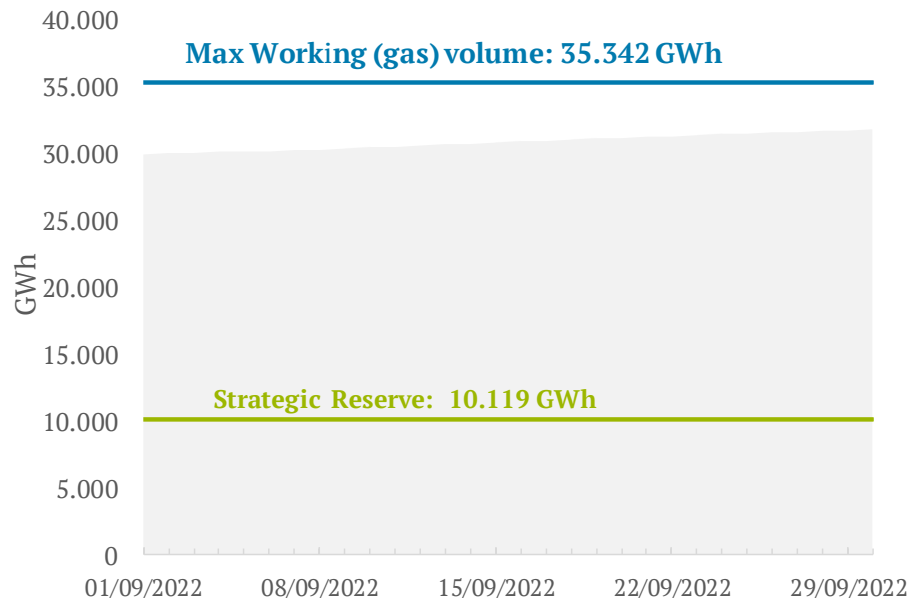
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# 6. UGS Activity

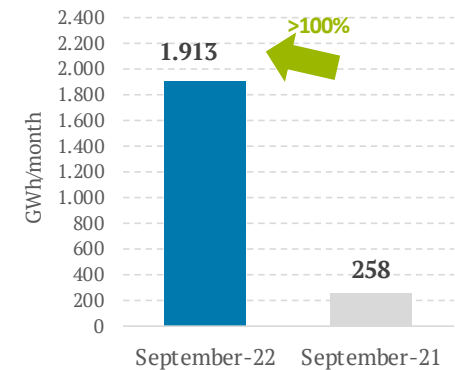
Daily injection September 2022 vs September 2021



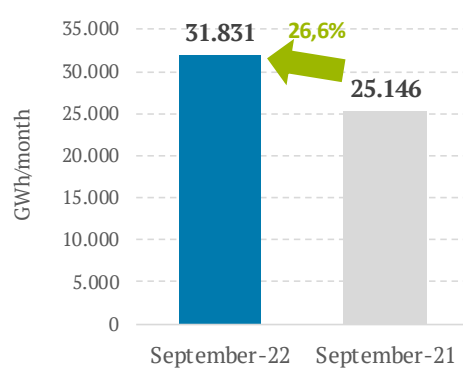
Working gas evolution



Inyección



Working (gas) volumes





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7. **Operating notes and other relevant facts**

# 7. Operating notes and other relevant facts

## Operating notes:

- In **September 2022**, no Operation note has been published.

## Relevant facts:

- No relevant fact has been published this month

### System Operation and Programming

## Operating Notes

On this page you can find the operation notes issued.

These documents are currently only available in Spanish. We apologise for any inconvenience.



[https://www.enagas.es/enagas/es/Gestion\\_Tecnica\\_Sistema/Operacion\\_del\\_Sistema\\_Gasista/Notas\\_de\\_operacion](https://www.enagas.es/enagas/es/Gestion_Tecnica_Sistema/Operacion_del_Sistema_Gasista/Notas_de_operacion)



Muchas  
gracias

