

# Statistical bulletin

April 2022

**AVANCE**

Technical Management of the System

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

May-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

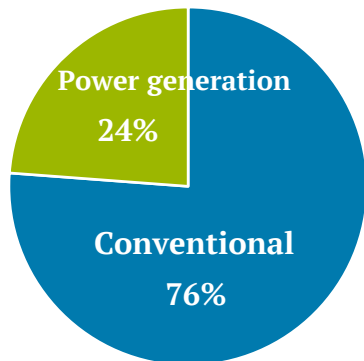
## 6. Underground Storage activity

## 7. Operating notes and other relevant facts

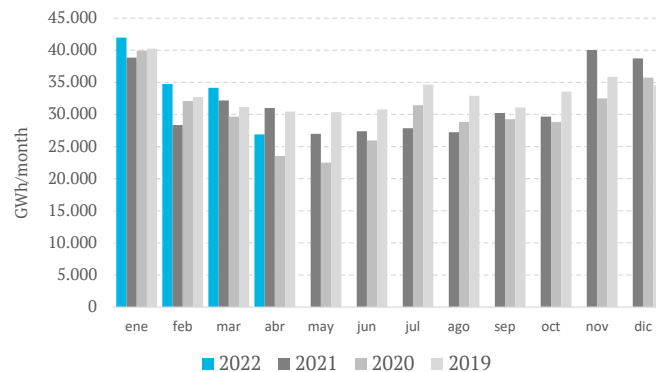
# 1. Evolution of gas demand

GWh	Monthly accumulated		Annual accumulated		Moving Annual Total	
	Apr-2022	%Δ s/2021	Jan-Apr 2022	%Δ s/2021	MAT: May 2021- Apr 2022	%Δ MAT vs 2021
<b>National Market demand</b>	<b>26.895</b>	<b>-13,3%</b>	<b>137.717</b>	<b>5,6%</b>	<b>385.792</b>	<b>1,9%</b>
Conventional	20.491	-15,5%	102.572	-7,1%	280.177	-2,7%
Power generation	6.404	-5,3%	35.145	76,3%	105.615	16,8%
<b>International Market demand</b>	<b>7.829</b>	<b>&gt;100%</b>	<b>17.933</b>	<b>135,7%</b>	<b>46.249</b>	<b>28,7%</b>
International connections exports	5.793	>100%	12.001	98,7%	24.723	31,8%
LNG Vessel loading	2.035	>100%	5.931	277,8%	21.526	25,4%
<b>TOTAL</b>	<b>34.724</b>	<b>5,6%</b>	<b>155.649</b>	<b>12,8%</b>	<b>432.041</b>	<b>4,3%</b>

National market demand April 2022

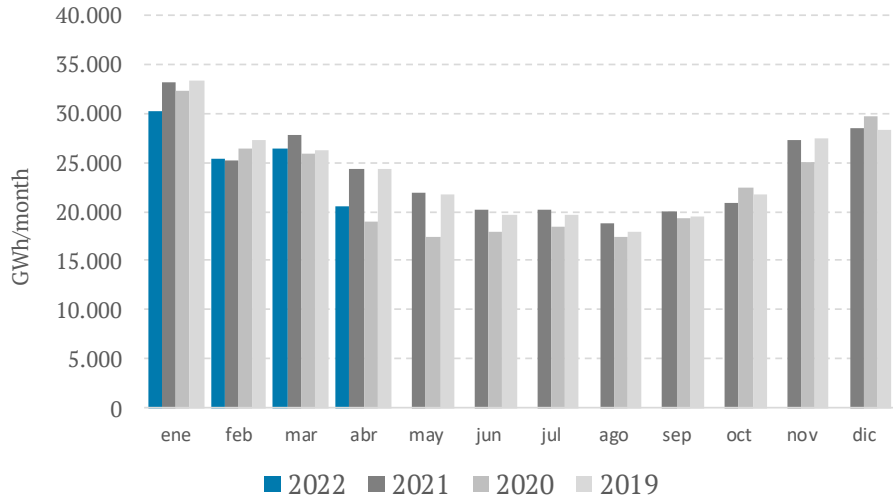


Total Demand

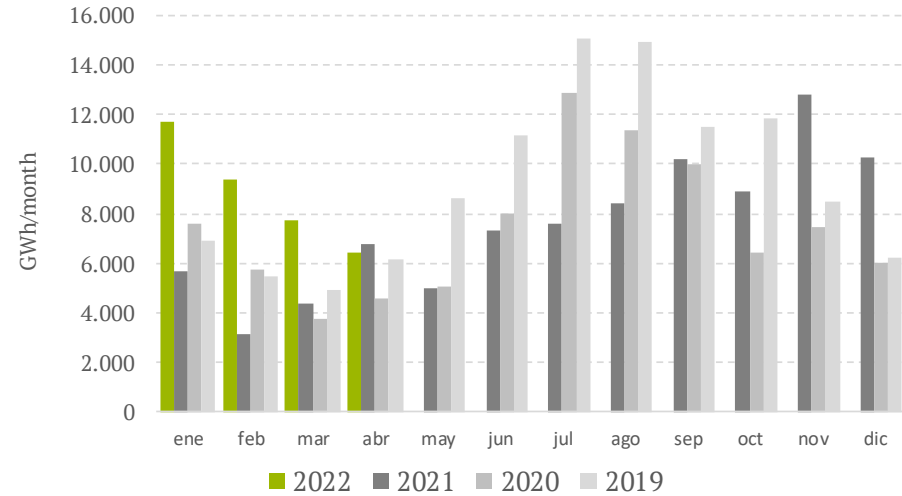


# 1. Evolution of gas demand

## Conventional Demand



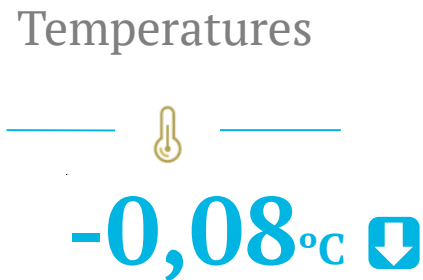
## Power Generation



# 1.1 Evolution of gas demand. Conventional



Less than the previous year

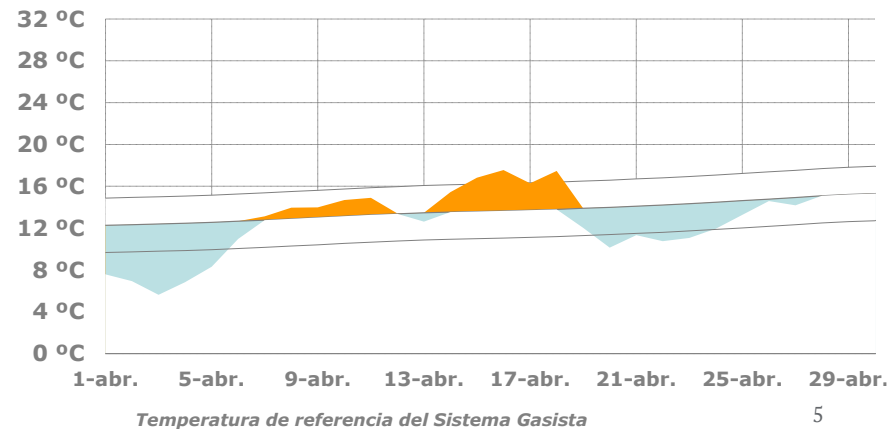


Less than the previous year

## Corrección laboralidad y temperatura

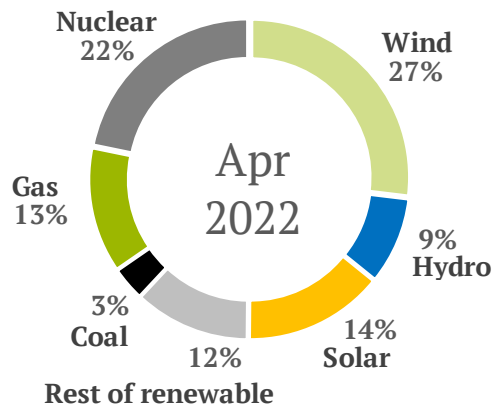
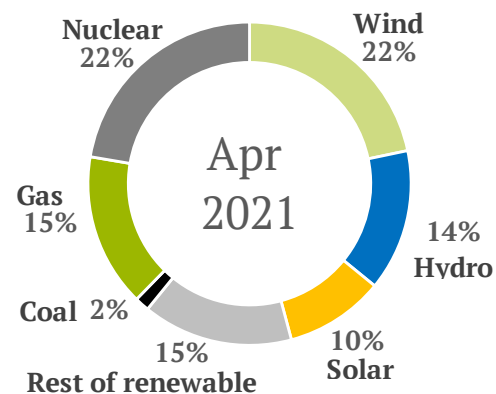
Demand	Conventional demand		Accumulated		MAT	
	Apr 2022 (*)		Apr 2022		May 2021-Apr 2022	
	GWh	%22 s/21	GWh	%22 s/21	GWh	% TAM s/21
	20.491	-15,5%	102.572	-7,1%	280.177	-2,7%
Calendar		0,0%		1,1%		0,8%
Temperature		0,5%		-0,4%		-0,2%
Amended demand		-16,0%		-7,8%		-3,4%

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

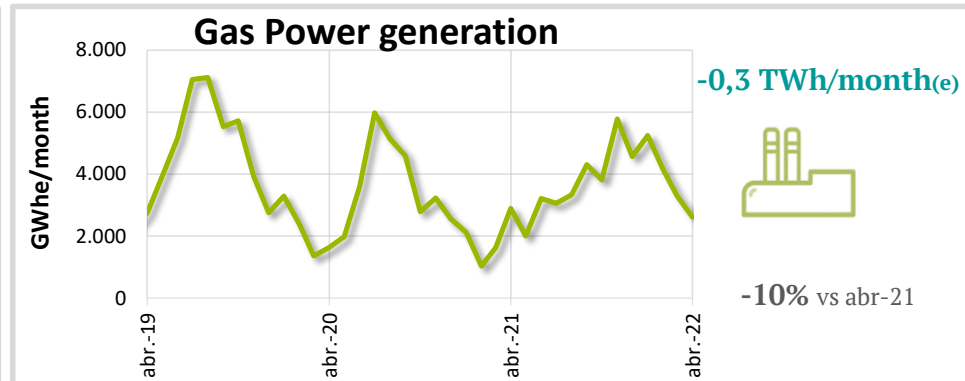
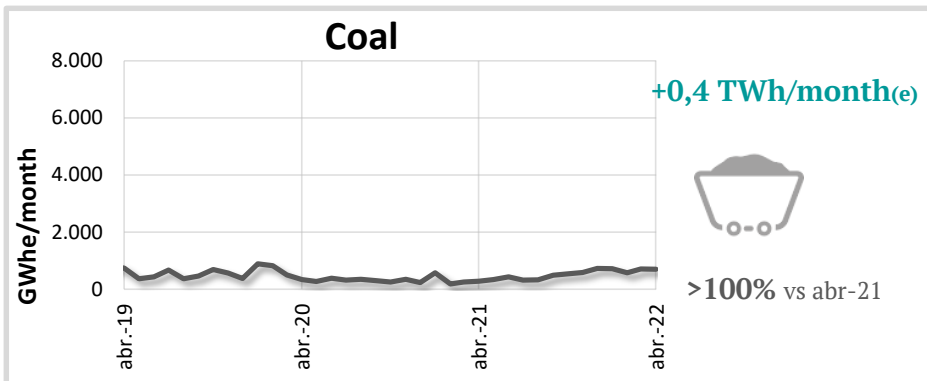
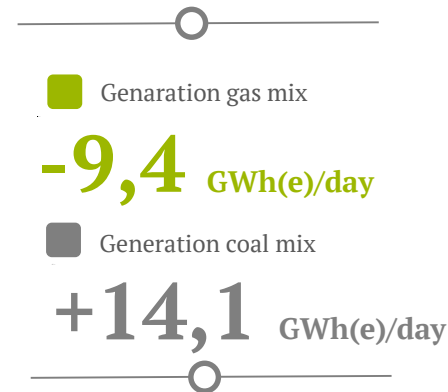
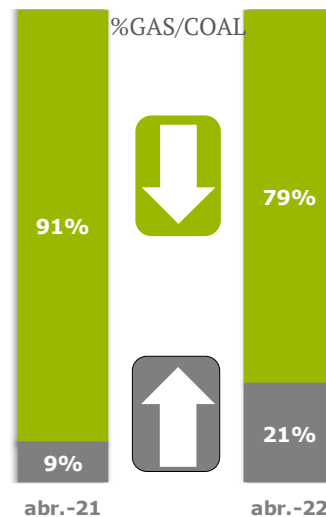
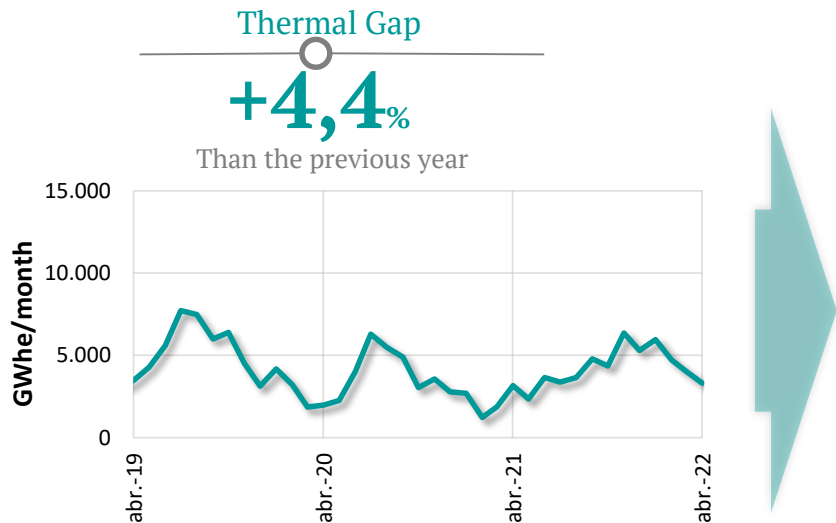


# 1.2 Power generation– electricity generation mix

TWh (e)	April 2021	April 2022
<b>Power generation</b>	18,9	18,4
Wind	4,1	5,5
Hydraulic	2,7	1,8
Solar	1,9	2,9
Rest of renewable	2,8	2,4
<b>Cogeneration</b>	2,2	1,7
<b>Others</b>	0,6	0,7
<b>Thermal Gap</b>	3,2	3,3
Coal	0,3	0,7
Gas	2,9	2,6
% gas in TG	91%	79%
<b>Nuclear</b>	4,2	4,4
<b>International balances</b>	0,3	-1,6
	import	export



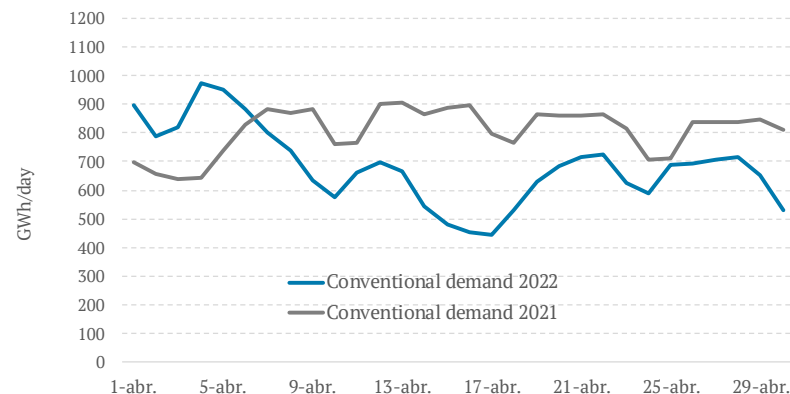
# 1.2 Power generation – Thermal Gap evolution



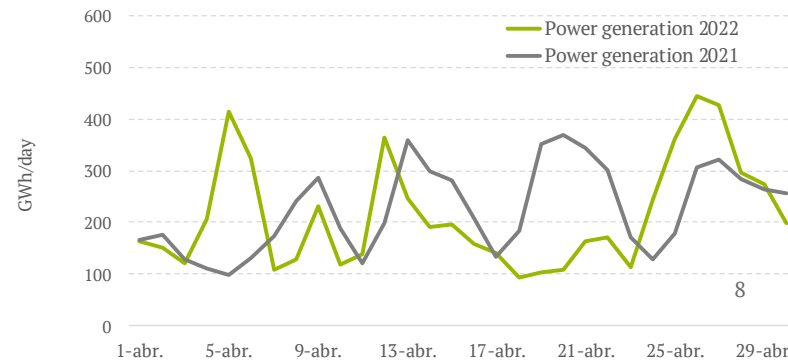
# 1.3 Evolution of CCAA gas demand

GWh	CONVENTIONAL DEMAND (without LNG trucks)		POWER GENERATION	
	Apr-2022	%Δ s/Apr 2021	Apr-2022	%Δ s/Apr 2021
CATALUÑA	3.735	-15,7%	873	2,0%
ANDALUCIA	2.313	-16,2%	982	-30,7%
VALENCIA	2.256	-17,5%	425	8,2%
PAIS_VASCO	1.673	-13,3%	712	14,2%
MURCIA	867	-43,3%	888	0,2%
CASTILLA_LEON	1.597	-10,6%	0	
ARAGON	1.119	-19,9%	221	>100%
GALICIA	940	-15,2%	538	-29,0%
CASTILLA_MANCHA	827	-21,2%	252	13,4%
MADRID	2.289	8,4%	0	
ASTURIAS	574	-11,6%	342	-40,8%
NAVARRA	667	-13,7%	218	-32,2%
CANTABRIA	378	-12,2%	0	
LA_RIOJA	146	-11,7%	130	-6,2%
EXTREMADURA	167	11,1%	0	
BALEARES	110	38,1%	823	50,2%

### Daily evolution Conventional Demand



### Daily evolution Power Generation





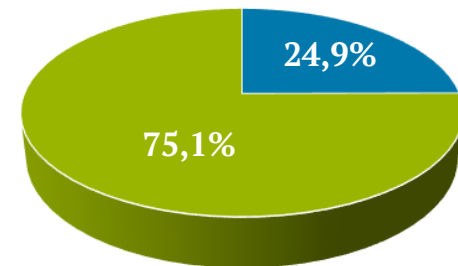


1. Evolution of gas demand
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2. **Demand coverage**
  1. **Origin of supplies**
  2. **Interconnection Points**
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## 2.1 Demand coverage: Origin of supplies

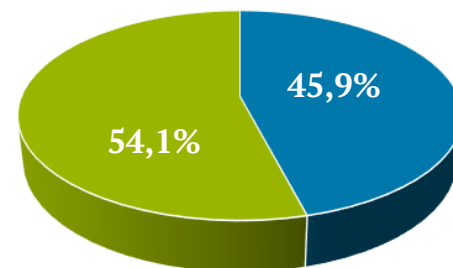
Unit: GWh		Monthly accumulated (*)		Annual accumulated (*)		Moving Annual Total (*)		
		Apr-2022	% s TOTAL	Apr-2021	Jan-Apr 2022	% s TOTAL	MAT: May 2021-Apr 2022	% s TOTAL
Algeria	NG	9.049		13.315	37.137		136.530	
	LNG	496	23,4%	1.370	1.969	25,4%	20.150	35,7%
France	NG	464		2.188	4.931		26.169	
	LNG	0	1,1%	0	0	3,2%	1.059	6,2%
Angola	LNG	0	0,0%	0	0	0,0%	4.128	0,9%
Cameroon	LNG	1.127	2,8%	0	1.127	0,7%	1.127	0,3%
United States	LNG	12.539	30,7%	4.881	54.378	35,3%	100.986	23,0%
Equatorial Guinea	LNG	924	2,3%	0	2.855	1,9%	9.769	2,2%
Nigeria	LNG	6.891	16,9%	4.862	22.860	14,8%	55.459	12,6%
Norway	LNG	0	0,0%	0	0	0,0%	0	0,0%
Peru	LNG	0	0,0%	0	0	0,0%	865	0,2%
Qatar	LNG	1.787	4,4%	1.804	3.542	2,3%	22.530	5,1%
Russia	LNG	3.278	8,0%	2.182	10.908	7,1%	34.449	7,9%
Trinidad	LNG	0	0,0%	2.627	3.838	2,5%	8.801	2,0%
Oman	LNG	960	2,4%	0	2.885	1,9%	2.885	0,7%
Belgium	LNG	0	0,0%	0	0	0,0%	0	0,0%
Argentina	LNG	0	0,0%	0	0	0,0%	0	0,0%
Egypt	LNG	2.452	6,0%	902	5.204	3,4%	7.295	1,7%
Portugal	NG	614	1,5%	281	2.174	1,4%	3.918	0,9%
Papua New Guinea	NG	0	0,0%	0	0	0,0%	168	0,0%
Spain	NG	0	0,0%	0	0	0,0%	926	0,2%
Australia	NG	0	0,0%	0	0	0,0%	842	0,2%
South Korea	NG	167	0,4%	0	167	0,1%	167	0,0%
National deposits	NG	32	0,1%	37	113	0,1%	329	0,1%
National Biogas	NG	9	0,0%	9	38	0,0%	101	0,0%
<b>TOTAL</b>		<b>40.789</b>	<b>100%</b>	<b>34.458</b>	<b>154.126</b>	<b>100%</b>	<b>438.652</b>	<b>100%</b>

April 2022



■ Total NG ■ Total LNG

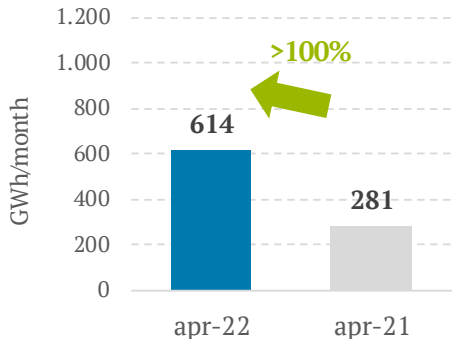
April 2021



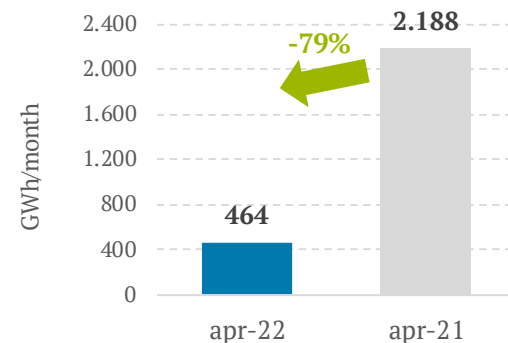
■ Total NG ■ Total LNG

# 2.1 Demand coverage : Interconnection Points

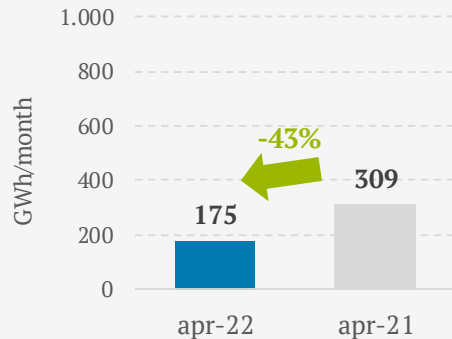
### VIP IBÉRICO (imports)



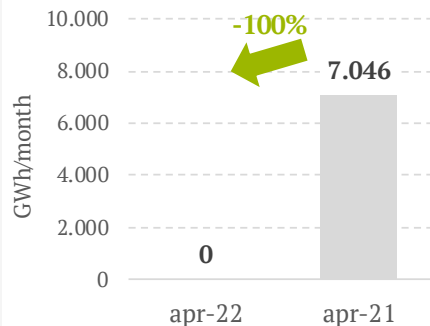
### VIP PIRINEOS (imports)



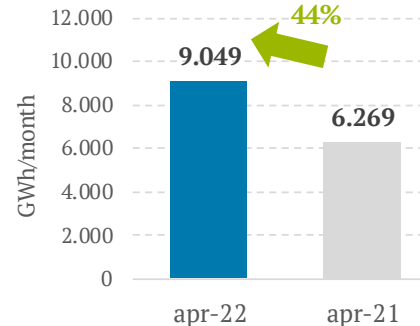
### VIP IBÉRICO (exports)



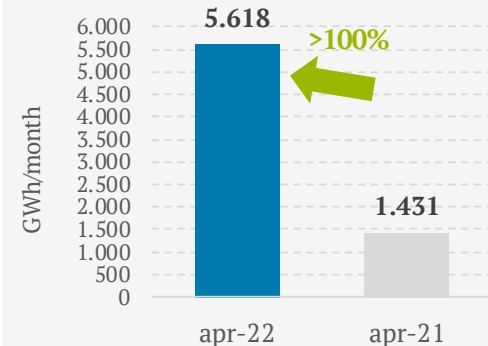
### TARIFA



### ALMERÍA



### VIP PIRINEOS (exports)



(\*) Datos de repartos del SL-ATR

## 2.1 Demand coverage : Interconnection Points



### Saldos Netos

GWh	Monthly accumulated			Annual accumulated		Moving Annual Total	
	Apr-2022	Apr-2021	%Δ s/2021	Jan-Apr 2022	%Δ s/2021	MAT: May 2021-Apr 2022	%Δ MAT vs 2021
Tarifa	0	7.046	-100,0%	0	-100,0%	38.249	-100,0%
Almería	9.049	6.269	44,4%	37.137	34,8%	98.282	10,8%
VIP Ibérico	438	-28	<100%	1.570	53,5%	-879	-38,4%
VIP Pirineos	-5.154	756	>100%	-6.467	<100%	6.243	-63,6%
National Deposits	32	37	-13,8%	113	-32,8%	329	-14,4%
Biogas	9	9	-2,2%	38	6,7%	101	2,4%
<b>Total</b>	<b>4.374</b>	<b>14.089</b>	<b>-69,0%</b>	<b>32.391</b>	<b>-46,8%</b>	<b>142.325</b>	<b>-16,7%</b>

+ Entradas a la red de transporte

- Salidas de la red de transporte

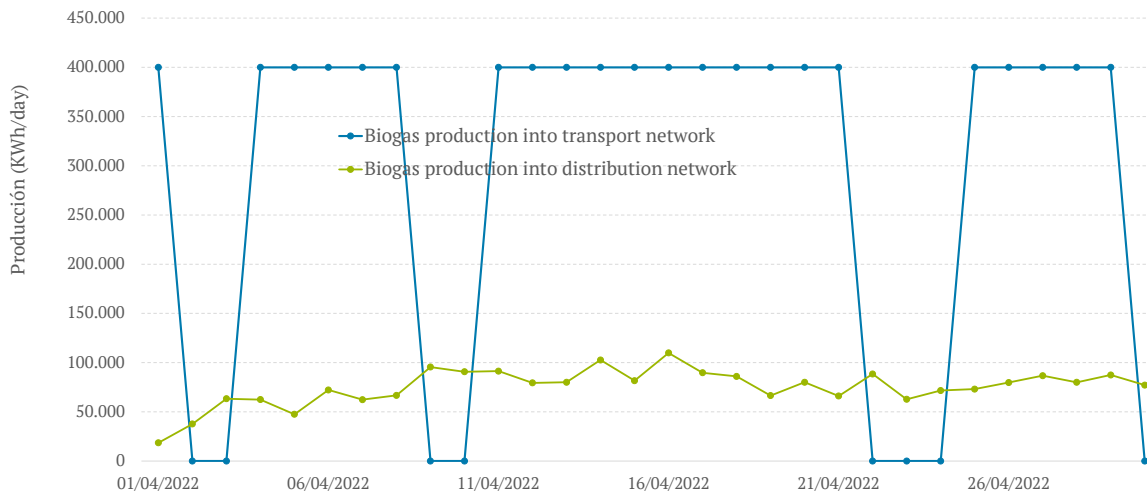


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# 3. Renewable gases

## BIOGÁS production into Transport and Distribution Network

Unidad: GWh	Monthly Accumulated			Annual Accumulated		Moving Annual Total	
	Apr-2022	Apr-2022	%Δ s/2021	Jan-Apr 2022	%Δ s/2021	MAT: May 2021-Apr 2022	%Δ s/2021
BIOGÁS injected into transport network	8,8	9,0	-2,2%	38,0	6,7%	101,4	2,4%
BIOGÁS injected into distribution network	2,3	0,00	>100%	12,8	>100%	18,7	>100%
<b>Total</b>	<b>11,1</b>	<b>9,0</b>	<b>22,9%</b>	<b>50,8</b>	<b>42,7%</b>	<b>120,1</b>	<b>14,5%</b>



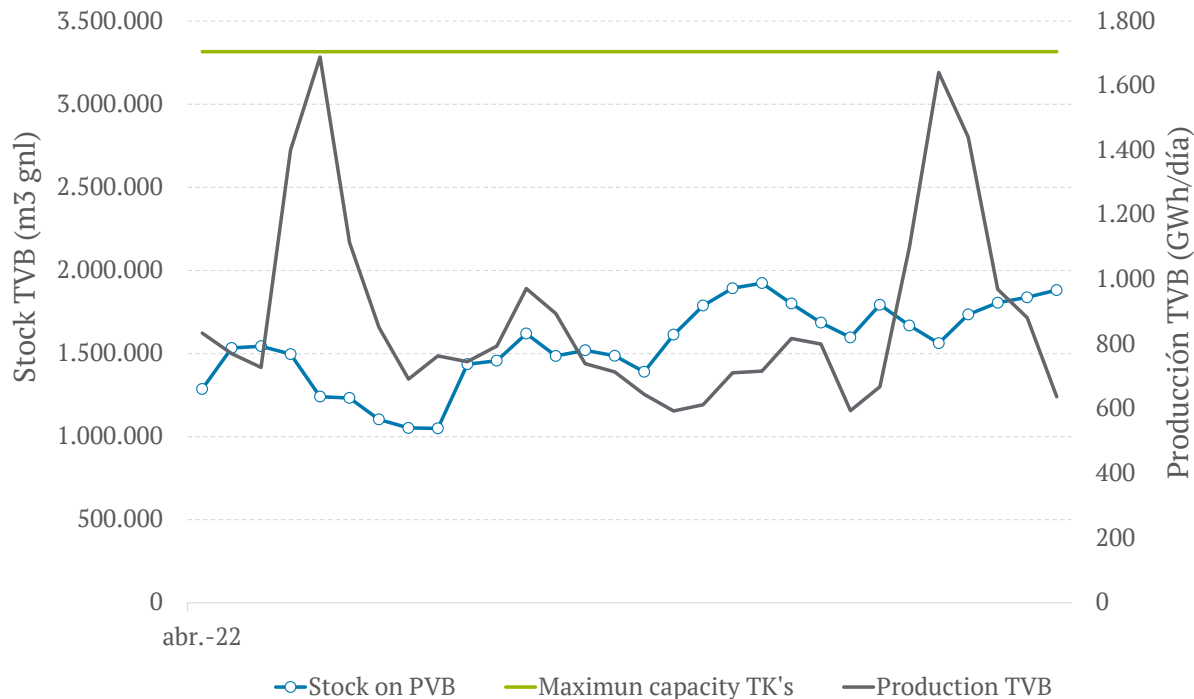
(\*) Datos de repartos del SL-ATR



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# 4. TVB activity

## TVB Stock evolution and TVB production



### April 2022

GWh/month

Total capacity	57.450
Contracted capacity TVB	24.778
Available capacity	32.672
Commercial regasification	23.580





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# 5. Regasification plants activity

## Ships Unloaded

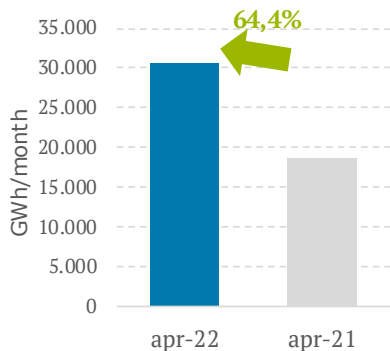
## Number of Ships Unloaded

## Ships Loaded

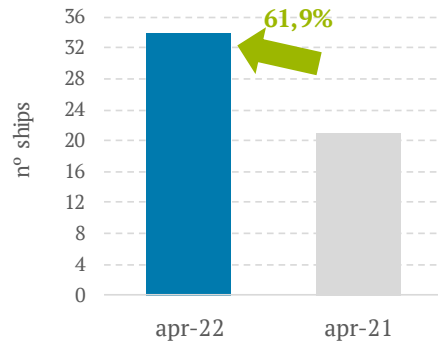
## LNG Trucks

GWh	Ships Unloaded			Number of Ships Unloaded			Ships Loaded			LNG Trucks		
	Apr-2022	Apr-2021	%Δ s/2021	Apr-2022	Apr-2021	%Δ s/2021	Apr-2022	Apr-2021	%Δ s/2021	Apr-2022	Apr-2021	%Δ s/2021
BARCELONA	4.460	1.804	>100%	5	2	>100%	0	38	-100,0%	189	292	-35,2%
HUELVA	4.685	1.750	>100%	5	2	>100%	1.936	43	>100%	172	222	-22,5%
CARTAGENA	6.217	6.614	-6,0%	8	7	14,3%	3	0	>100%	173	264	-34,5%
BILBAO	6.466	2.933	>100%	7	3	>100%	0	0	-	68	90	-24,4%
SAGUNTO	5.666	3.588	57,9%	6	5	20,0%	0	0	-	147	186	-20,8%
MUGARDOS	3.127	1.941	61,1%	3	2	50,0%	0	43	-100,0%	83	108	-22,8%
<b>Total</b>	<b>30.622</b>	<b>18.629</b>	<b>64,4%</b>	<b>34</b>	<b>21</b>	<b>61,9%</b>	<b>1.939</b>	<b>124</b>	<b>&gt;100%</b>	<b>833</b>	<b>1.162</b>	<b>-28,3%</b>

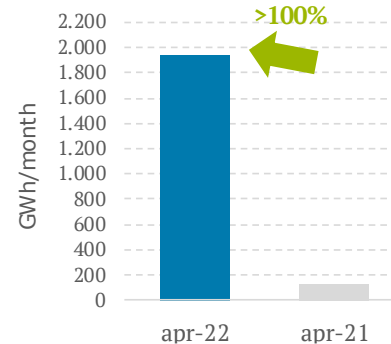
### SHIPS UNLOADED



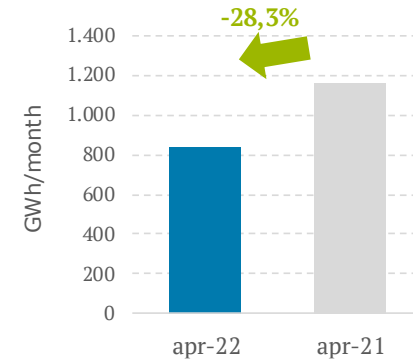
### NUMBER OF SHIPS UNLOADED



### SHIPS LOADED



### LNG TRUCKS

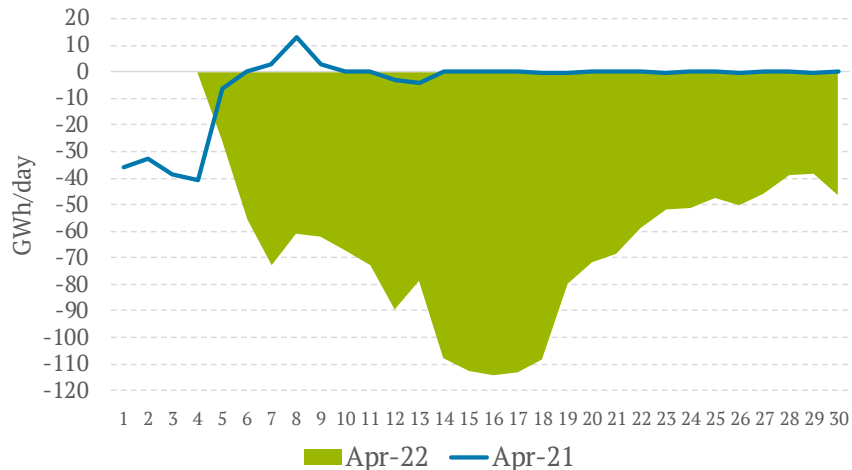




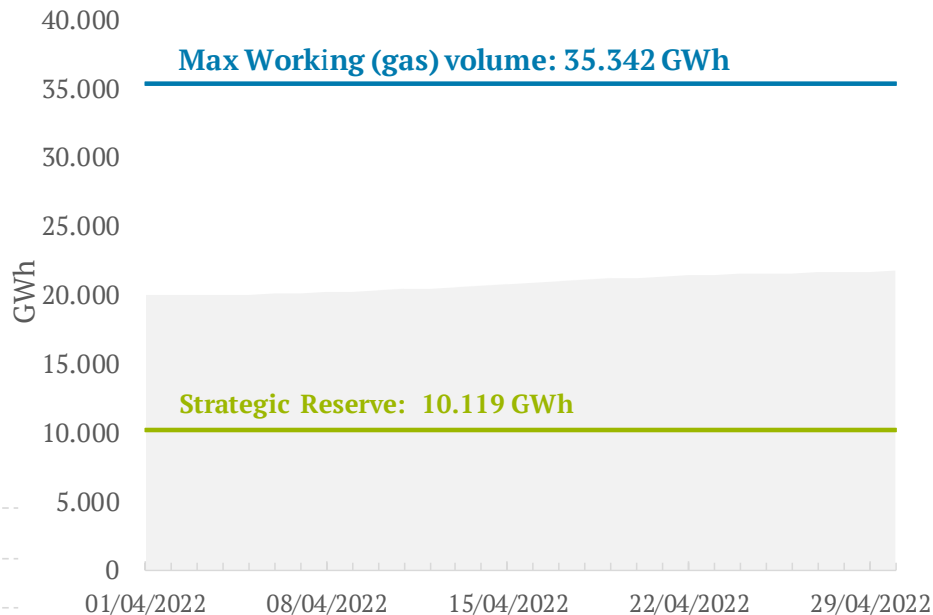
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# 6. UGS Activity

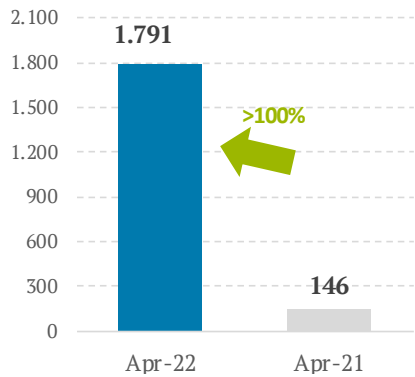
Daily injection April 2022 vs April 2021



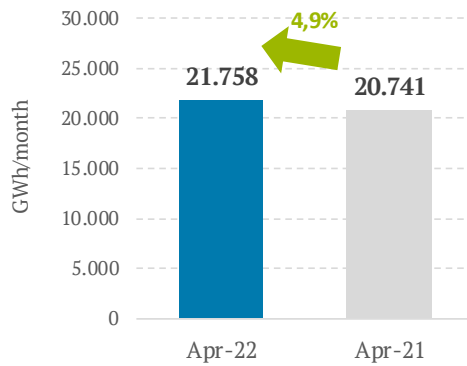
Evolución existencias útiles



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 April 2022, no Operation note has been published.

## Relevant facts:

No relevant facts have been published this month

Operación y Programación del Sistema Gasista

## Notas de operación

En esta página se encuentran disponibles las Notas de Operación emitidas.



[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

