

Statistical bulletin

May 2022

AVANCE

Technical Management of the System

GTS_DEMANDA@enagas.es

Jun-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

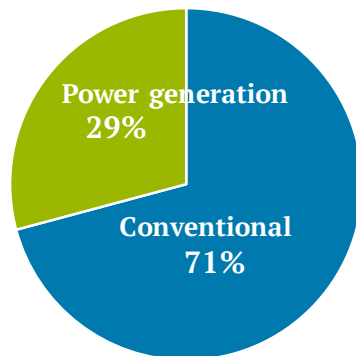
6. Underground Storage activity

7. Operating notes and other relevant facts

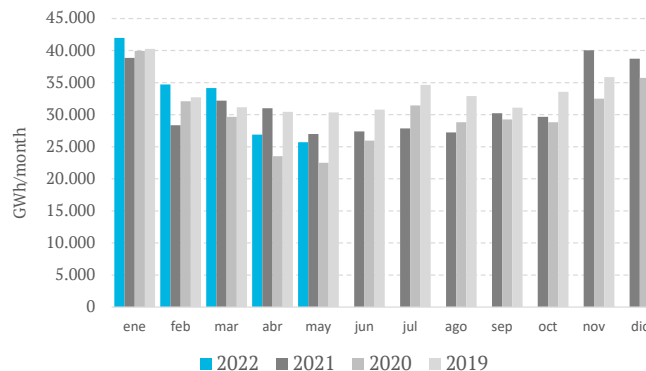
1. Evolution of gas demand

GWh	Monthly accumulated		Annual accumulated		Moving Annual Total	
	May-2022	%Δ s/2021	Jan-May 2022	%Δ s/2021	MAT: Jun 2021-May 2022	%Δ MAT vs 2021
National Market demand	25.714	-4,7%	163.424	3,8%	384.523	1,6%
Conventional	18.214	-17,2%	120.776	-8,8%	276.393	-4,1%
Power generation	7.500	50,4%	42.648	71,2%	108.130	19,6%
International Market demand	7.765	>100%	25.698	136,0%	50.735	41,2%
International conexions exports	6.275	>100%	18.277	123,8%	28.872	53,9%
LNG Vessel loading	1.490	29,2%	7.421	172,5%	21.863	27,4%
TOTAL	33.479	10,7%	189.122	12,4%	435.259	5,0%

National market demand May 2022

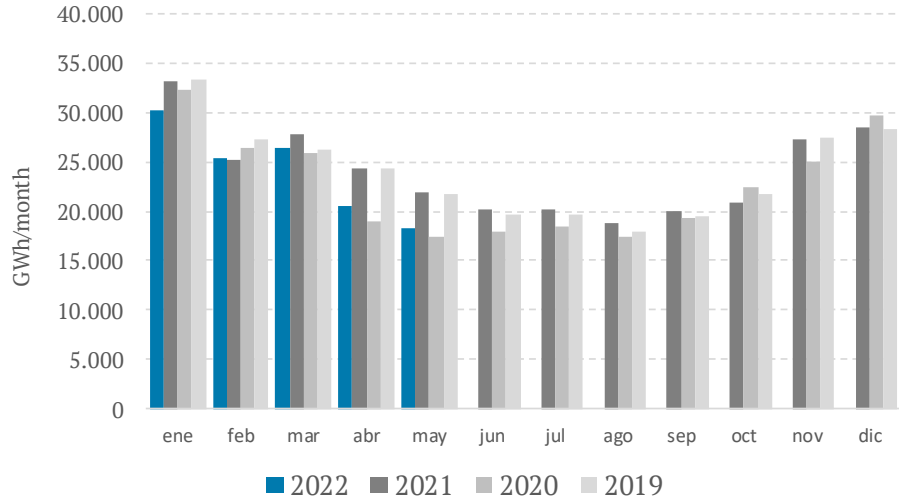


Total Demand

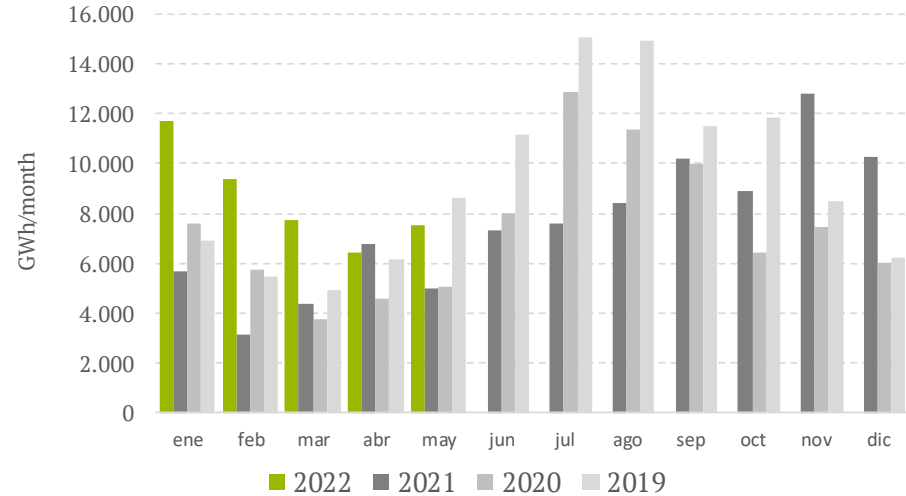


1. Evolution of gas demand

Conventional Demand



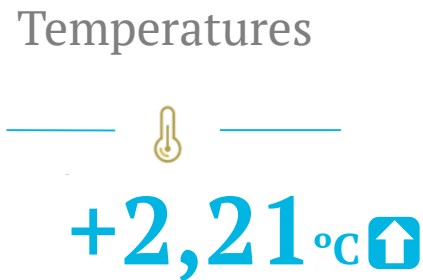
Power Generation



1.1 Evolution of gas demand. Conventional



Less than the previous year

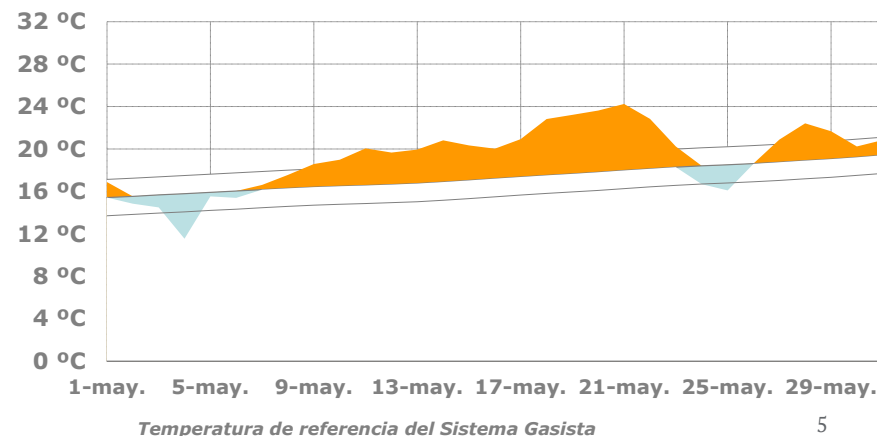


More than the previous year

Corrección laboralidad y temperatura

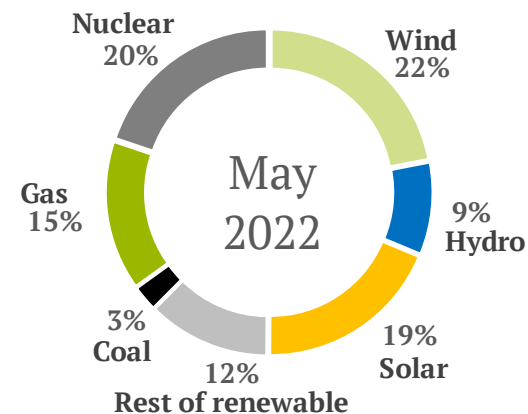
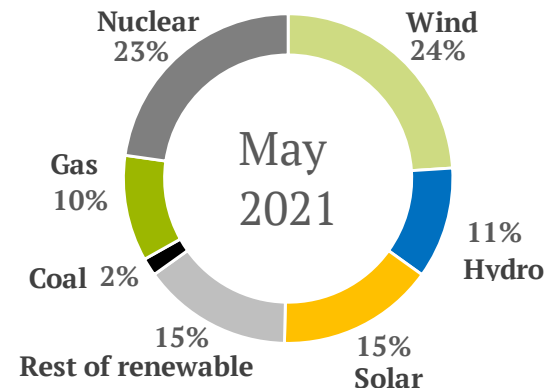
Demand	Conventional demand		Accumulated		MAT	
	May 2022 (*)		May 2022		Jun 2021-May 2022	
	GWh	%22 s/21	GWh	%22 s/21	GWh	% TAM s/21
	18.214	-17,2%	120.776	-8,8%	276.393	-4,1%
Calendar		-2,4%		-8,4%		-3,7%
Temperature		-3,7%		-1,0%		-0,4%
Amended demand		-11,0%		0,5%		0,1%

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

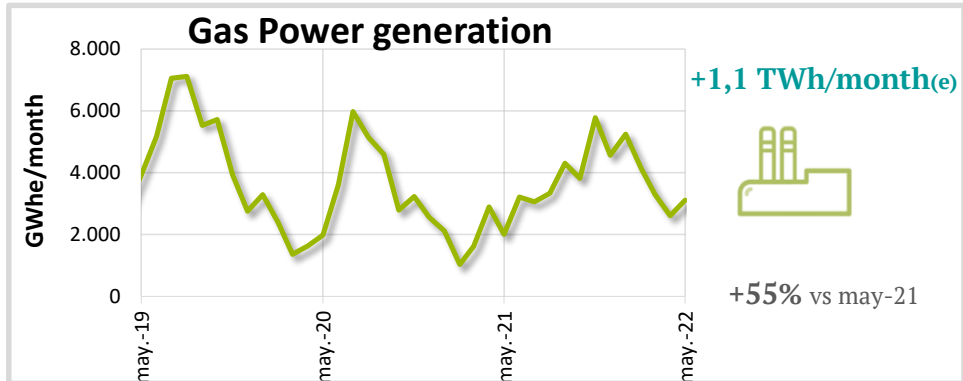
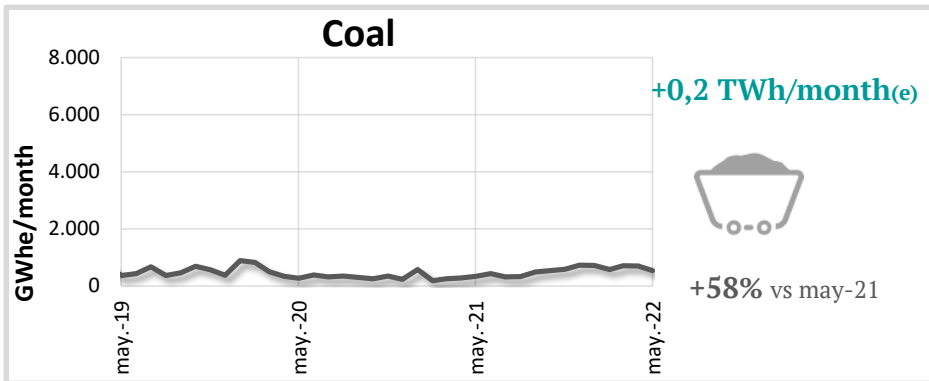
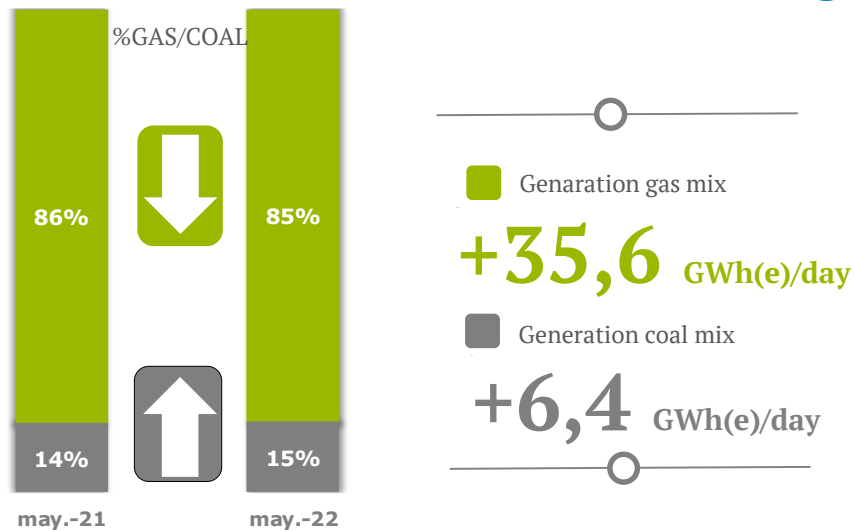
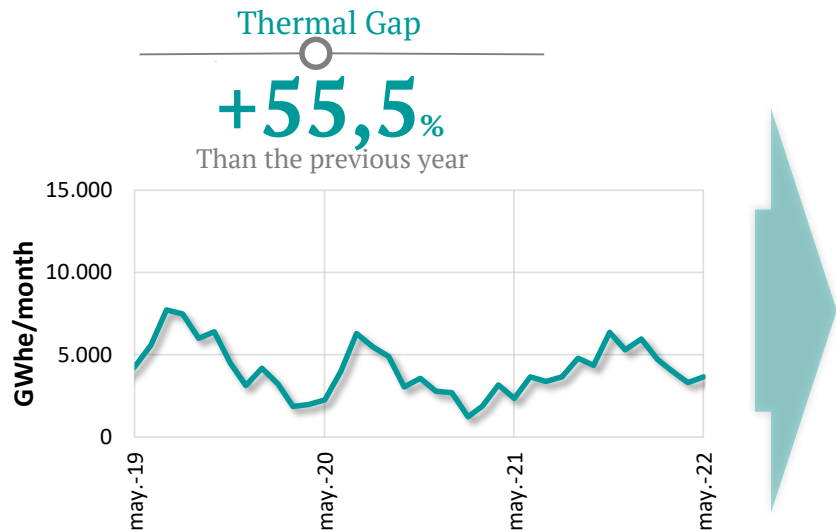


1.2 Power generation– electricity generation mix

TWh (e)	May 2021	May 2022
Power generation	19,3	19,1
Wind	4,6	4,5
Hydraulic	2,1	1,9
Solar	3,0	3,9
Rest of renewable	2,8	2,5
Cogeneration	2,2	1,9
Others	0,6	0,6
Thermal Gap	2,3	3,6
Coal	0,3	0,5
Gas	2,0	3,1
% gas in TG	86%	85%
Nuclear	4,4	4,1
International balances	0,3	-1,3
	import	export



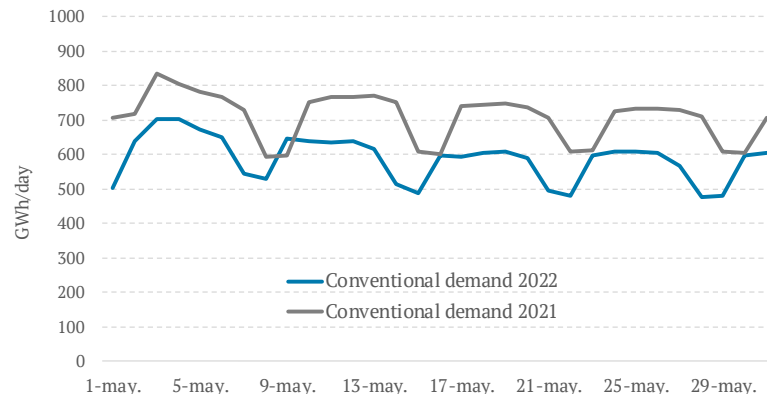
1.2 Power generation – Thermal Gap evolution



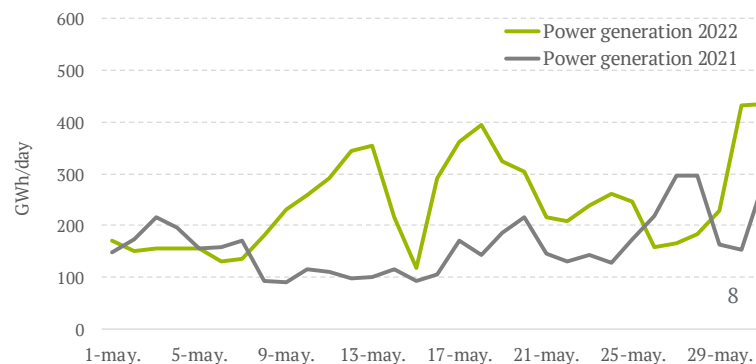
1.3 Evolution of CCAA gas demand

GWh	CONVENTIONAL DEMAND (without LNG trucks)		POWER GENERATION	
	May-2022	%Δ s/May 2021	May-2022	%Δ s/May 2021
CATALUÑA	3.176	-16,3%	1.169	61,3%
ANDALUCIA	2.269	-19,2%	1.109	2,1%
VALENCIA	2.610	-4,2%	449	113,7%
PAIS_VASCO	1.522	-18,7%	772	179,6%
MURCIA	861	-45,3%	873	19,1%
CASTILLA_LEON	1.268	-16,7%	0	
ARAGON	1.085	-15,0%	308	>100%
GALICIA	910	-12,4%	735	36,9%
CASTILLA_MANCHA	749	-10,8%	225	2,6%
MADRID	1.165	-12,1%	0	
ASTURIAS	471	-25,1%	459	86,1%
NAVARRA	577	-12,6%	379	21,2%
CANTABRIA	379	-11,8%	0	
LA RIOJA	79	-34,9%	146	60,3%
EXTREMADURA	152	-0,2%	0	
BALEARES	91	48,6%	877	60,8%

Daily evolution Conventional Demand



Daily evolution Power Generation

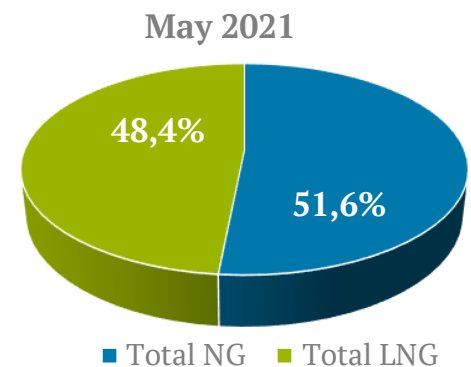
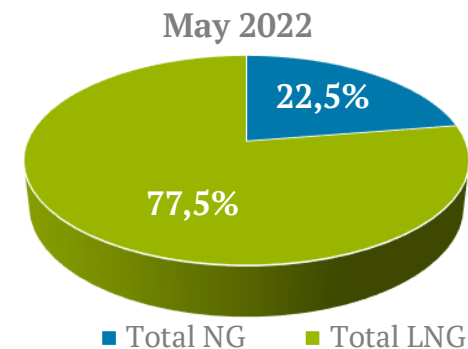




1. Evolution of gas demand
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 2. Power generation
 3. CCAA
2. **Demand coverage**
 1. **Origin of supplies**
 2. **Interconnection Points**
3. Renewable gases
4. TVB activity
5. Regasification Plants activity
6. Underground Storage activity
7. Operating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

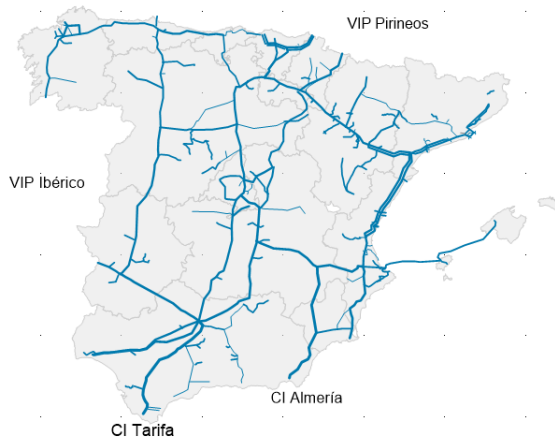
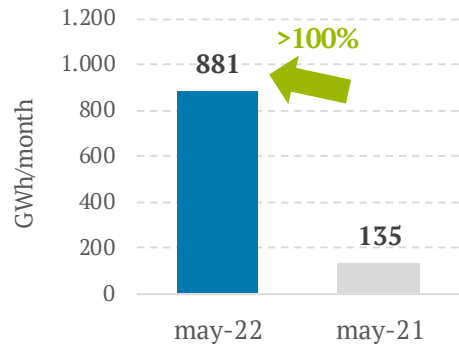
2.1 Demand coverage: Origin of supplies

Unit: GWh		Monthly accumulated (*)		Annual accumulated (*)		Moving Annual Total (*)		
		May-2022	% s TOTAL	May-2021	Jan-May 2022	% s TOTAL	MAT: Jun 2021-May 2022	% s TOTAL
Algeria	NG	7.003	24,8%	15.635	44.139	25,3%	127.899	33,4%
	LNG	2.091		2.488	4.060		19.753	
France	NG	331	3,8%	1.076	5.261	3,3%	25.424	6,2%
	LNG	1.068		0	1.068		2.127	
Angola	LNG	0	0,0%	0	0	0,0%	4.128	0,9%
Cameroon	LNG	0	0,0%	0	1.127	0,6%	1.127	0,3%
United States	LNG	13.083	35,7%	4.602	67.460	35,4%	109.466	24,7%
Equatorial Guinea	LNG	0	0,0%	1.930	2.855	1,5%	7.839	1,8%
Nigeria	LNG	4.946	13,5%	2.019	27.806	14,6%	58.386	13,2%
Norway	LNG	0	0,0%	0	0	0,0%	0	0,0%
Peru	LNG	1.080	2,9%	0	1.080	0,6%	1.944	0,4%
Qatar	LNG	878	2,4%	1.825	4.420	2,3%	21.582	4,9%
Russia	LNG	3.289	9,0%	2.163	14.197	7,4%	35.575	8,0%
Trinidad	LNG	0	0,0%	847	3.838	2,0%	7.953	1,8%
Oman	LNG	0	0,0%	0	2.885	1,5%	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	1.989	5,4%	0	7.193	3,8%	9.284	2,1%
Portugal	NG	881	2,4%	135	3.055	1,6%	4.664	1,1%
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	0	0,0%	0	167	0,1%	167	0,0%
National deposits	NG	23	0,1%	39	136	0,1%	313	0,1%
National Biogas	NG	10	0,0%	9	48	0,0%	102	0,0%
TOTAL		36.671	100%	32.769	190.797	100%	442.554	100%

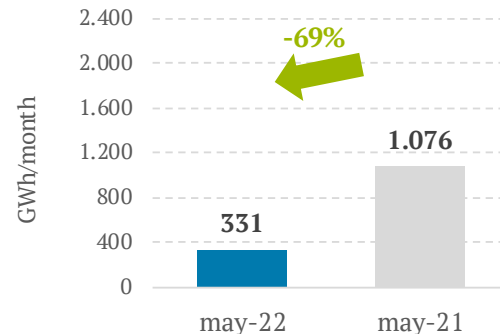


2.1 Demand coverage : Interconnection Points

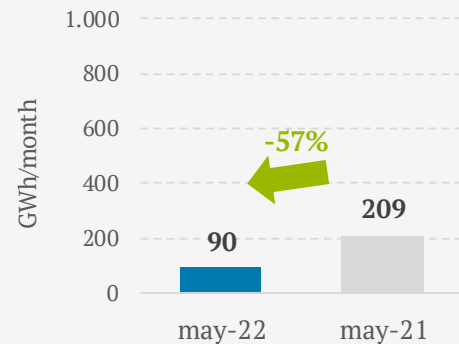
VIP IBÉRICO (imports)



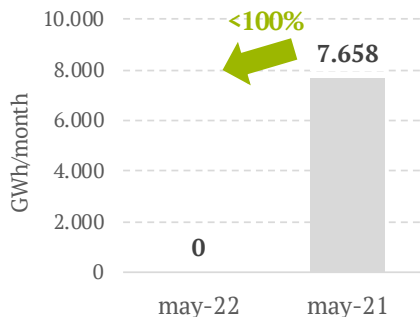
VIP PIRINEOS (imports)



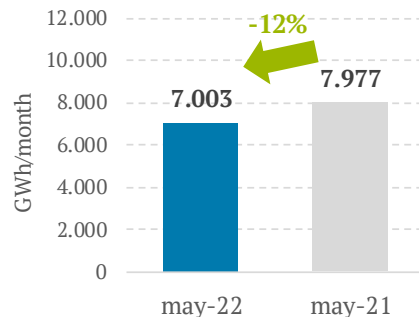
VIP IBÉRICO (exports)



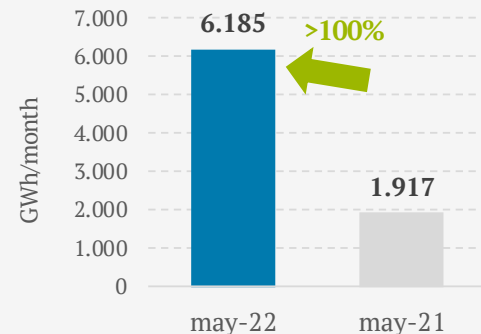
TARIFA



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	
	May-2022	May-2021	%Δ s/2021	Jan-May 2022	%Δ s/2021	MAT: Jun 2021-May 2022	%Δ MAT vs 2021
Tarifa	0	7.658	-100,0%	0	-100,0%	30.591	-100,0%
Almería	7.003	7.977	-12,2%	44.139	24,3%	97.308	9,7%
VIP Ibérico	791	-74	<100%	2.361	>100%	-14	-99,0%
VIP Pirineos	-5.854	-841	>100%	-12.321	<100%	1.229	-92,8%
National Deposits	23	39	-42,0%	136	-34,5%	313	-18,6%
Biogas	10	9	7,5%	48	6,9%	102	3,1%
Total	1.972	14.768	-86,6%	34.363	-54,5%	129.529	-24,1%

+ Entradas a la red de transporte

- Salidas de la red de transporte

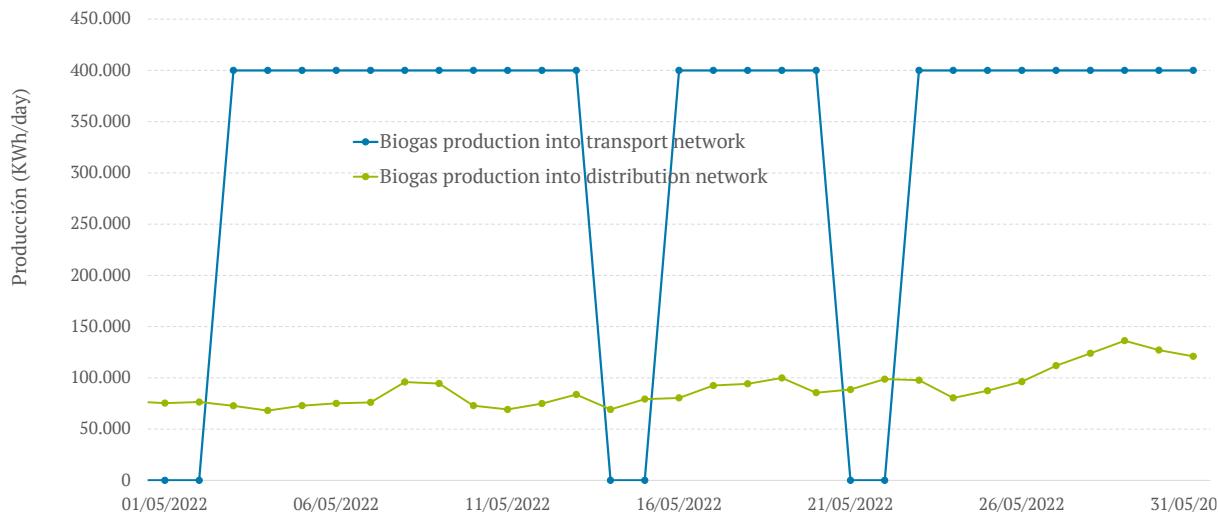


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3. Renewable gases

BIOGÁS production into Transport and Distribution Network

Unidad: GWh	Monthly Accumulated			Annual Accumulated		Moving Annual Total	
	May-2022	May-2022	%Δ s/2021	Jan-May 2022	%Δ s/2021	MAT: Jun 2021-May 2022	%Δ s/2021
BIOGÁS injected into transport network	10,0	9,3	7,5%	48,0	6,9%	102,1	3,1%
BIOGÁS injected into distribution network	2,8	0,00	>100%	15,6	>100%	21,5	>100%
Total	12,8	9,3	37,4%	63,6	41,6%	123,6	17,8%



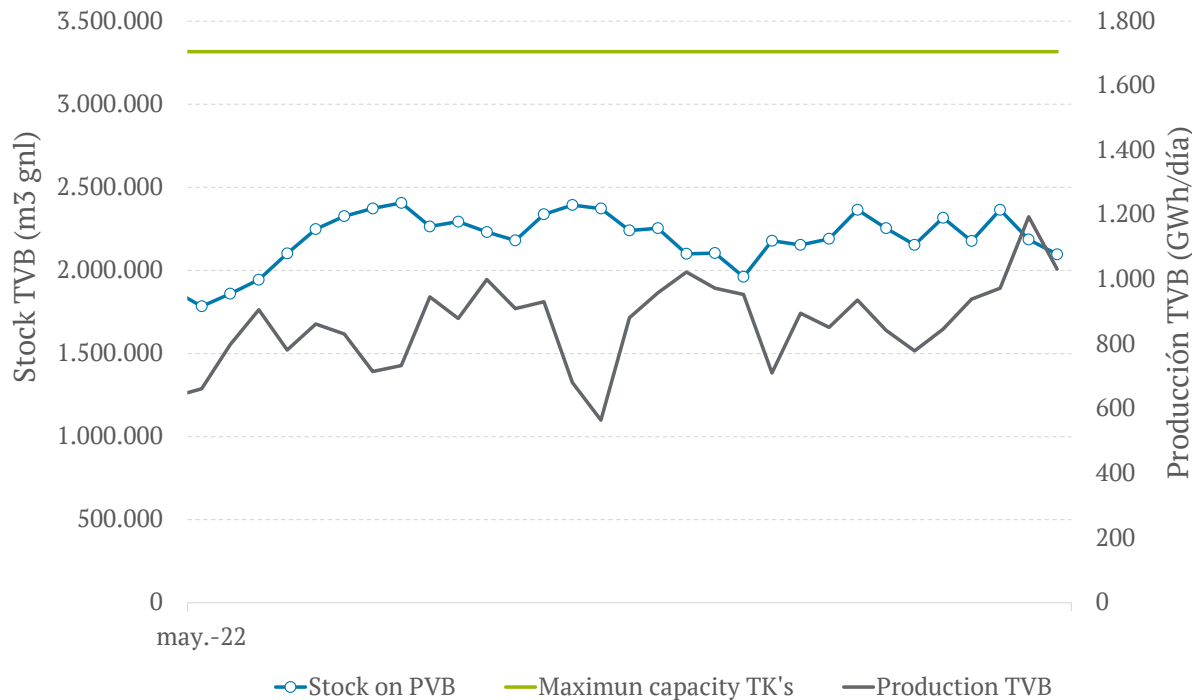
(*) Datos de repartos del SL-ATR



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4. TVB activity

TVB Stock evolution and TVB production



May 2022

	GWh/month
Total capacity	59.365
Contracted capacity TVB	25.920
Available capacity	33.445
Commercial regasification	24.816



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5. Regasification plants activity

Ships Unloaded

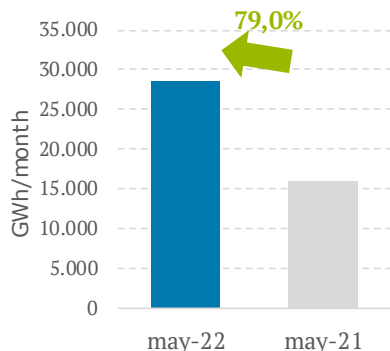
Number of Ships Unloaded

Ships Loaded

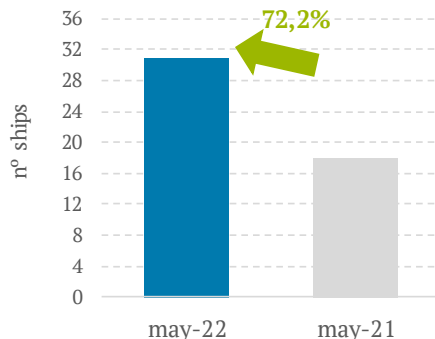
LNG Trucks

GWh	Ships Unloaded			Number of Ships Unloaded			Ships Loaded			LNG Trucks		
	May-2022	May-2021	%Δ s/2021	May-2022	May-2021	%Δ s/2021	May-2022	May-2021	%Δ s/2021	May-2022	May-2021	%Δ s/2021
BARCELONA	5.412	5.604	-3,4%	6	6	0,0%	0	34	-100,0%	186	289	-35,6%
HUELVA	4.704	3.024	55,6%	6	4	50,0%	0	67	-100,0%	178	218	-18,4%
CARTAGENA	7.410	2.020	>100%	7	2	>100%	2	1.022	-99,8%	184	258	-28,7%
BILBAO	5.362	2.082	>100%	5	2	>100%	0	0	-	76	87	-12,5%
SAGUNTO	3.783	1.134	>100%	4	2	100,0%	281	0	>100%	142	197	-27,9%
MUGARDOS	1.752	2.011	-12,9%	3	2	50,0%	961	30	>100%	84	112	-25,4%
Total	28.424	15.875	79,0%	31	18	72,2%	1.243	1.153	8%	850	1.162	-26,8%

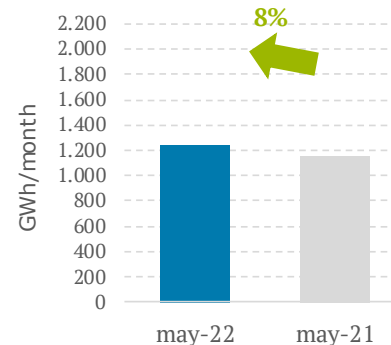
SHIPS UNLOADED



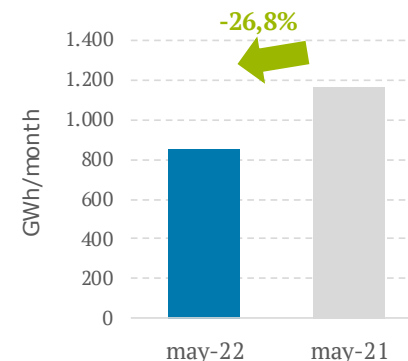
NUMBER OF SHIPS UNLOADED



SHIPS LOADED



LNG TRUCKS

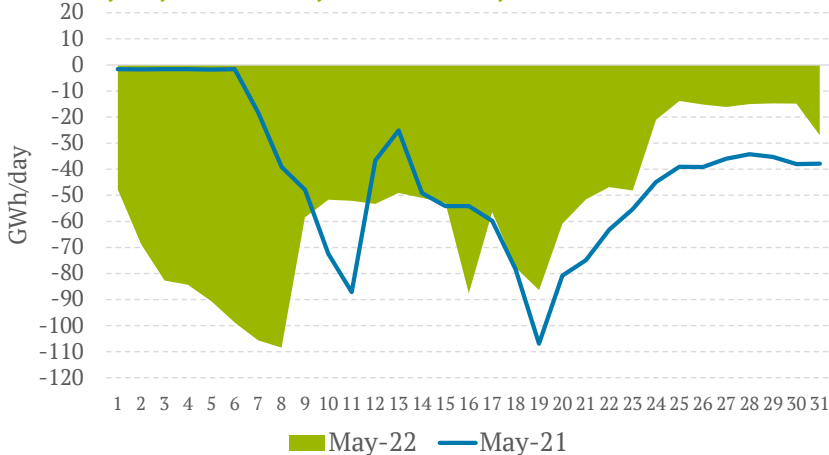




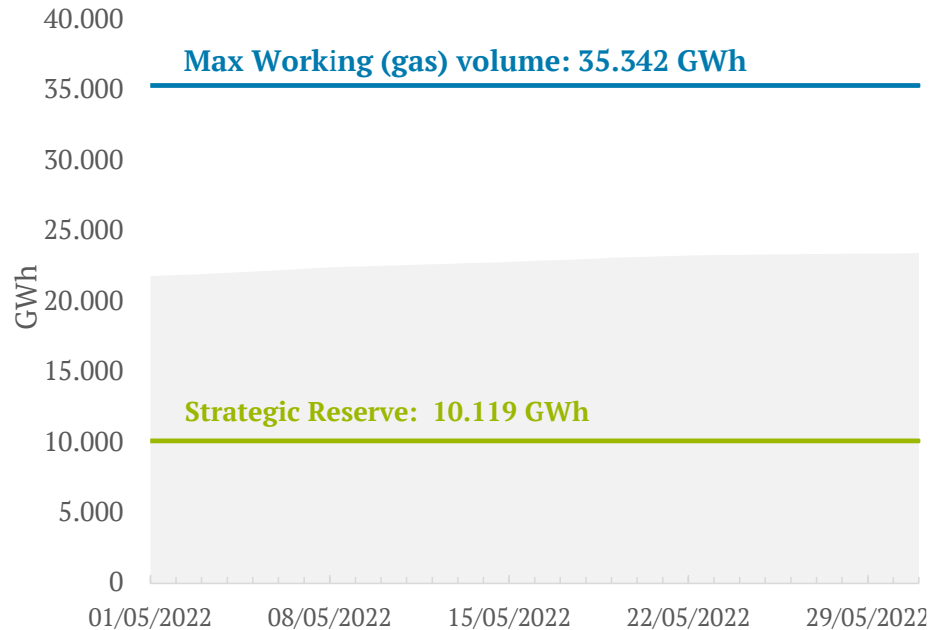
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6. UGS Activity

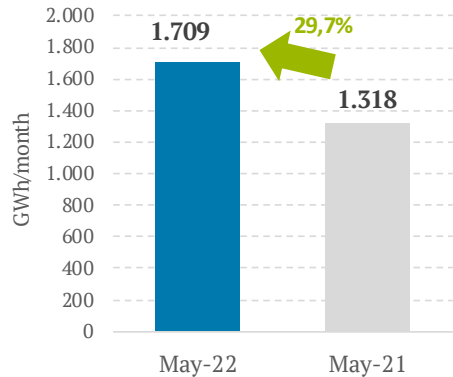
Daily injection May 2022 vs May 2021



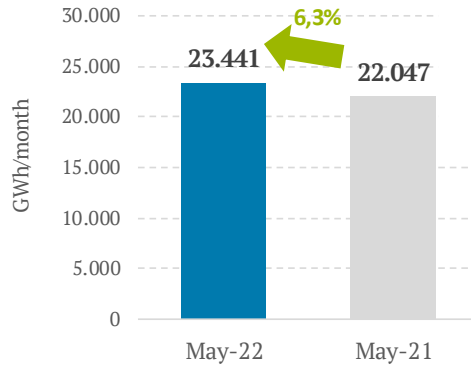
Evolución existencias útiles



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 May 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.



Muchas
gracias

