

Statistical bulletin

July 2022

AVANCE

Technical Management of the System

GTS_DEMANDA@enagas.es

August-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

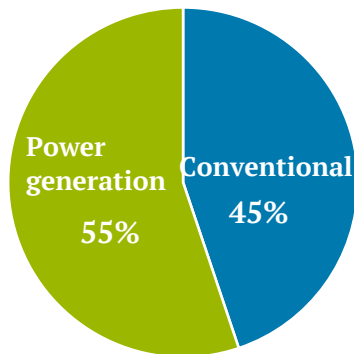
6. Underground Storage activity

7. Operating notes and other relevant facts

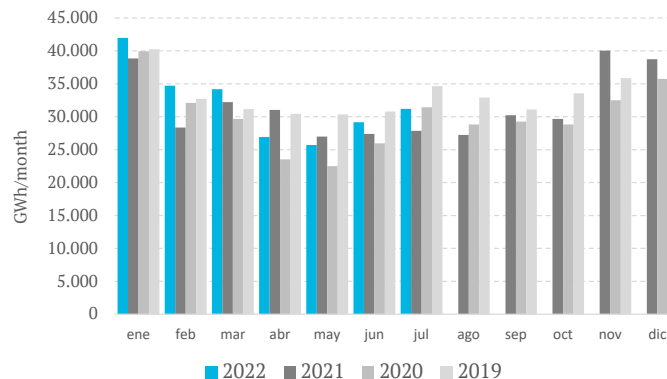
1. Evolution of gas demand

GWh	Monthly accumulated		Annual accumulated		Moving Annual Total	
	July-2022	%Δ s/2021	Jan-July 2022	%Δ s/2021	MAT: August 2021- July 2022	%Δ MAT vs 2021
National Market demand	31.174	12,0%	223.817	5,3%	389.676	3,0%
Conventional	13.979	-30,9%	150.833	-12,7%	266.133	-7,6%
Power generation	17.195	125,9%	72.984	83,2%	123.543	36,7%
International Market demand	4.300	-4,1%	34.038	77,4%	50.780	41,3%
International conections exports	3.397	34,7%	24.974	100,1%	31.257	66,6%
LNG Vessel loading	904	-54,0%	9.064	35,2%	19.523	13,7%
TOTAL	35.474	9,7%	257.855	11,2%	440.456	6,3%

National market demand July 2022

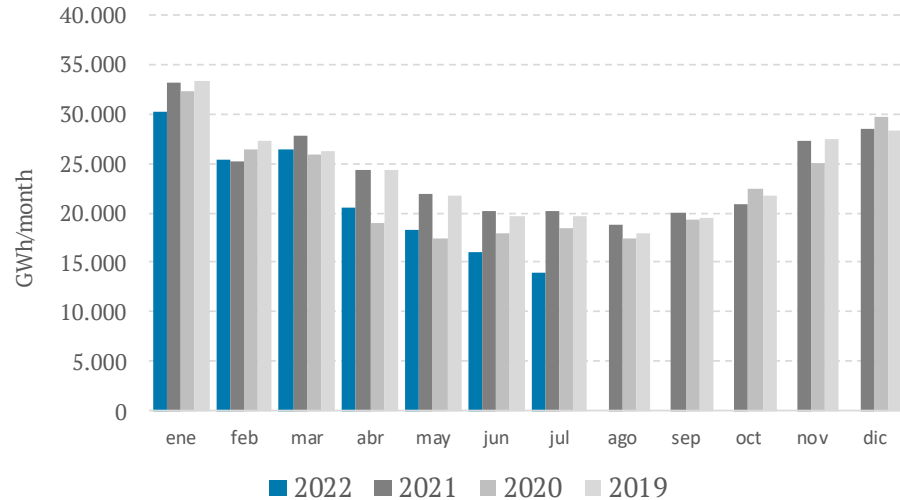


Total Demand

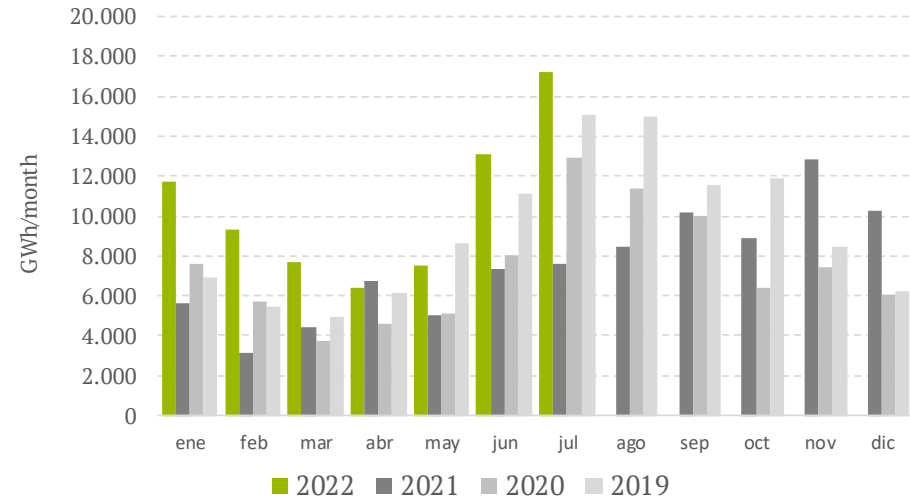


1. Evolution of gas demand

Conventional Demand



Power Generation



1.1 Evolution of gas demand. Conventional

Demand

 Conventional market

-30,9% 

Less than the previous year

Temperatures



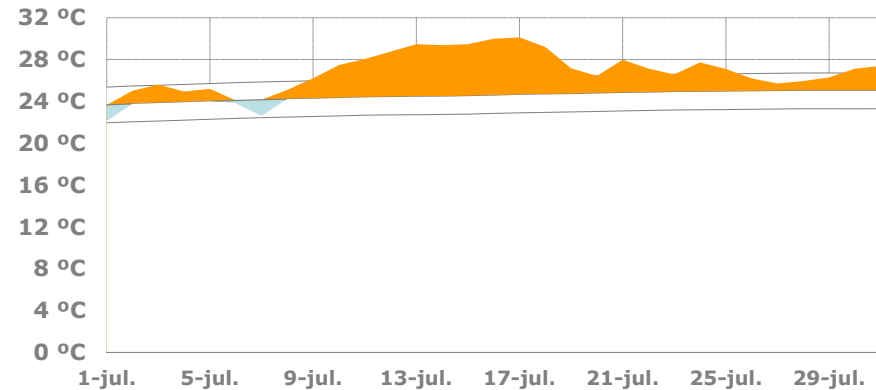
+2,8°C 

More than the previous year

Corrección laboralidad y temperatura

	Conventional demand		Accumulated		MAT	
	Jul 2022 (*)	%22 s/21	Jul 2022	%22 s/21	Aug 2021-Jul 2022	% TAM s/21
Demand	GWh		GWh		GWh	
	13.979	-30,9%	150.833	-12,7%	266.107	-7,6%
Calendar		-4,1%		-0,3%		0,2%
Temperature		-0,9%		-0,9%		-0,5%
Amended demand		-25,9%		-11,5%		-7,3%

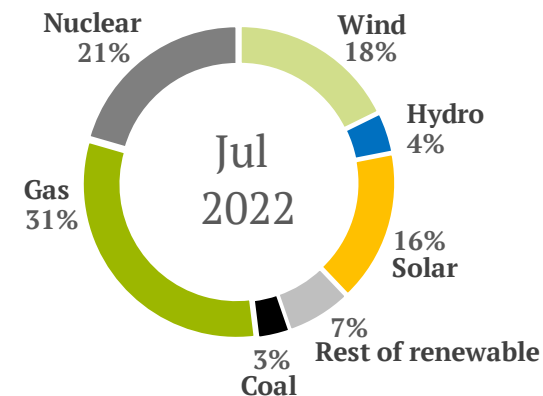
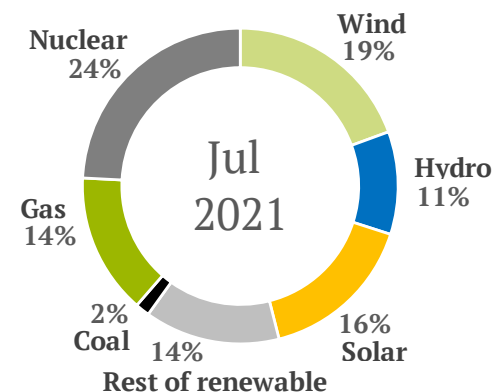
* The sum of the correction factors is equal to % of total demand



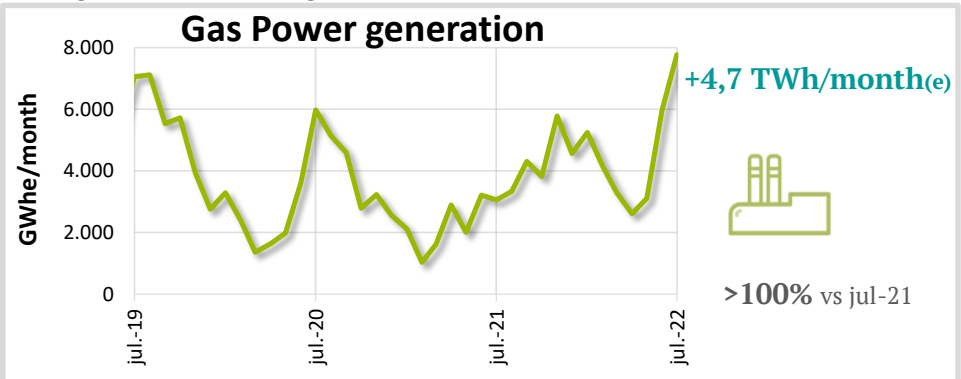
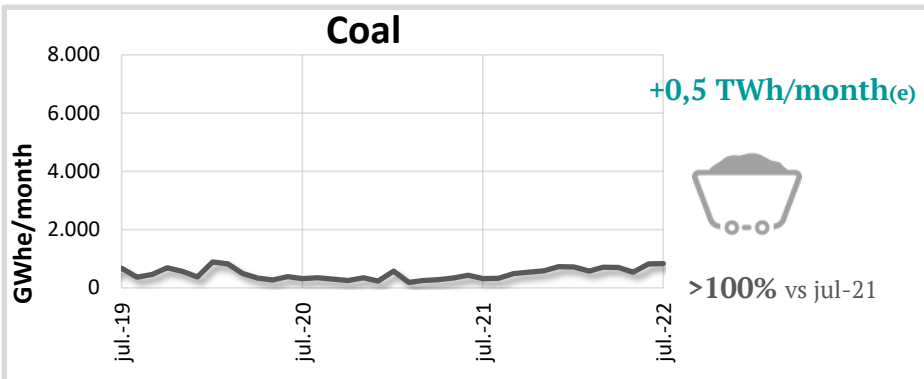
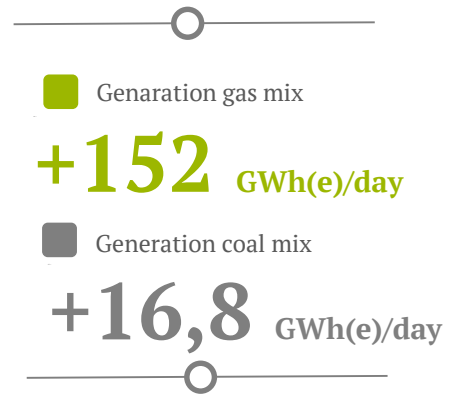
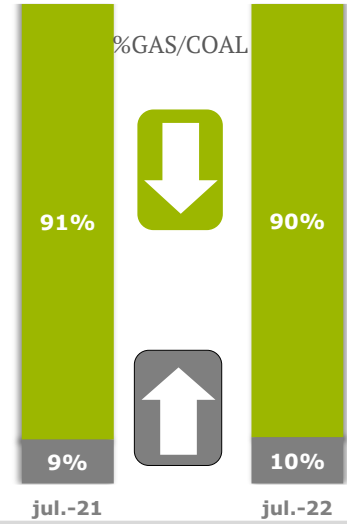
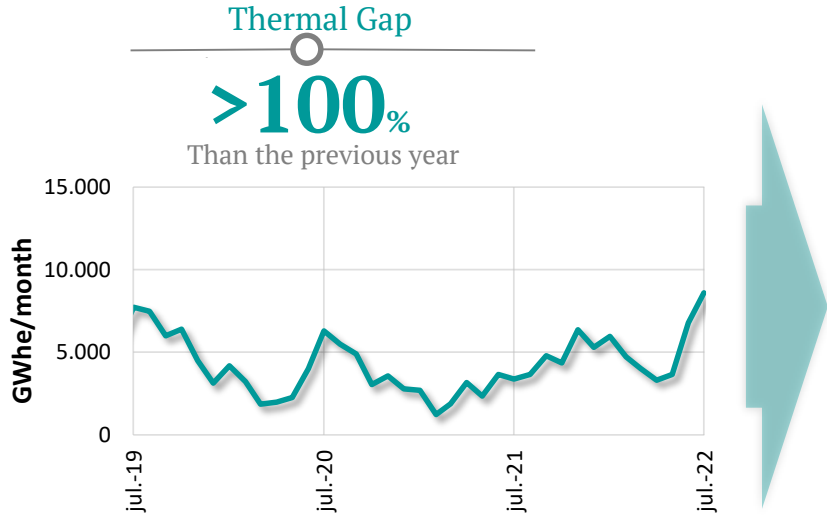
Temperatura de referencia del Sistema Gasista

1.2 Power generation– electricity generation mix

TWh (e)	Jul 2021	Jul 2022
Power generation	21,7	22,0
Wind	4,1	4,4
Hydraulic	2,2	1,0
Solar	3,4	3,9
Rest of renewable	2,9	1,7
Cogeneration	2,3	1,1
Others	0,6	0,6
Thermal Gap	3,4	8,6
Coal	0,3	0,8
Gas	3,1	7,8
% gas in TG	91%	90%
Nuclear	5,1	5,1
International balances	0,7	-2,4
	import	export



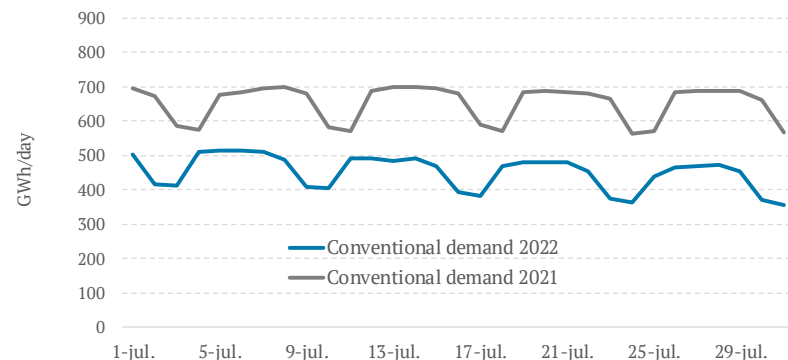
1.2 Power generation – Thermal Gap evolution



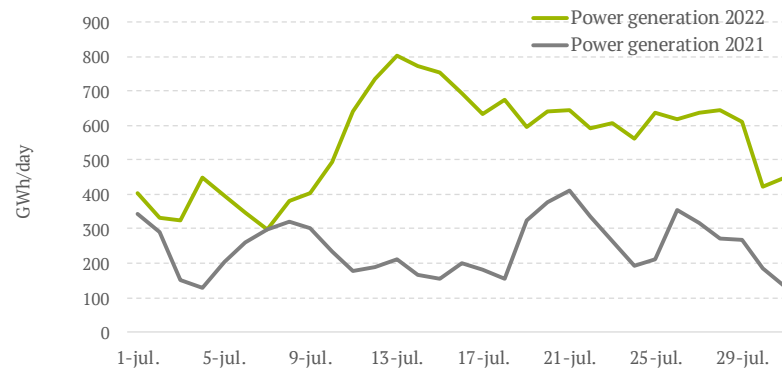
1.3 Evolution of CCAA gas demand

GWh	CONVENTIONAL DEMAND (without LNG trucks)		POWER GENERATION	
	July-2022	%Δ s/July 2021	July-2022	%Δ s/July 2021
CATALUÑA	2.553	-27,8%	2.324	>100%
ANDALUCIA	1.424	-48,0%	4.152	>100%
VALENCIA	2.312	-12,4%	1.387	84,4%
PAIS_VASCO	1.029	-34,9%	1.702	>100%
MURCIA	687	-52,5%	2.150	>100%
CASTILLA_LEON	948	-23,9%	0	
ARAGON	885	-23,7%	714	>100%
GALICIA	697	-32,0%	1.185	44,1%
CASTILLA_MANCHA	533	-43,9%	230	>100%
MADRID	838	-7,8%	0	
ASTURIAS	364	-28,5%	938	>100%
NAVARRA	434	-26,0%	917	>100%
CANTABRIA	245	-39,4%	0	
LA RIOJA	70	-17,9%	405	62,4%
EXTREMADURA	135	-24,0%	0	
BALEARES	79	-0,5%	1.093	0,0%

Daily evolution Conventional Demand



Daily evolution Power Generation

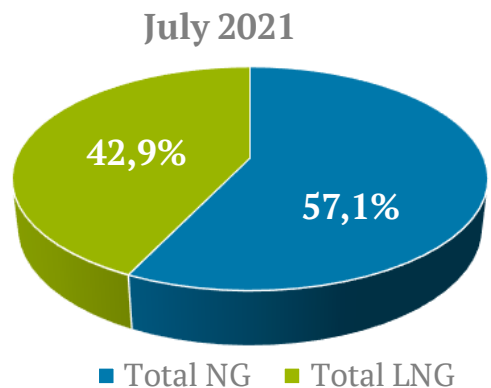
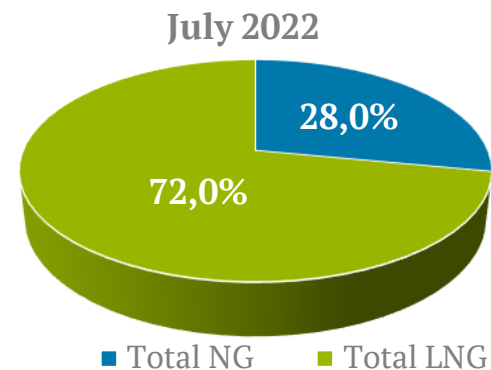




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2. **Demand coverage**
 1. **Origin of supplies**
 2. **Interconnection Points**
3. Renewable gases
4. TVB activity
5. Regasification Plants activity
6. Underground Storage activity
7. Operating notes and other relevant facts

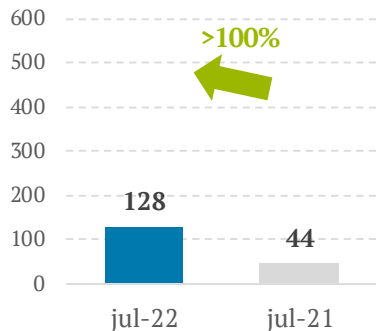
2.1 Demand coverage: Origin of supplies

Unit: GWh		Monthly accumulated (€)			Annual accumulated (€)		Moving Annual Total (€)	
		July-2022	% s TOTAL	July-2021	Jan-July 2022	% s TOTAL	MAT: August 2021-July 2022	% s TOTAL
Algeria	NG	8.572	23,3%	13.505	60.056	24,5%	115.296	29,0%
	LNG	0		2.687	4.478		16.003	
France	NG	1.562	4,3%	2.920	7.544	3,3%	23.829	5,7%
	LNG	0		0	1.068		2.127	
Angola	LNG	1.040	2,8%	0	1.040	0,4%	5.168	1,1%
Cameroon	LNG	0	0,0%	0	1.127	0,4%	1.127	0,2%
United States	LNG	8.530	23,2%	2.664	86.609	32,9%	124.723	27,6%
Equatorial Guinea	LNG	1.067	2,9%	1.097	3.922	1,5%	6.848	1,5%
Nigeria	LNG	5.882	16,0%	1.142	37.533	14,2%	63.091	14,0%
Peru	LNG	0	0,0%	0	1.080	0,4%	1.944	0,4%
Qatar	LNG	2.018	5,5%	1.795	7.322	2,8%	19.556	4,3%
Russia	LNG	5.317	14,5%	2.204	28.265	10,7%	40.852	9,0%
Trinidad	LNG	1.542	4,2%	784	7.459	2,8%	9.954	2,2%
Oman	LNG	0	0,0%	0	2.885	1,1%	2.885	0,6%
Egypt	LNG	1.052	2,9%	0	9.245	3,5%	11.335	2,5%
Portugal	NG	128	0,3%	44	3.386	1,3%	4.952	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	21	0,1%	13	174	0,1%	309	0,1%
National Biogas	NG	15	0,0%	9	71	0,0%	113	0,0%
TOTAL		36.746	100%	28.863	263.432	100%	452.215	100%

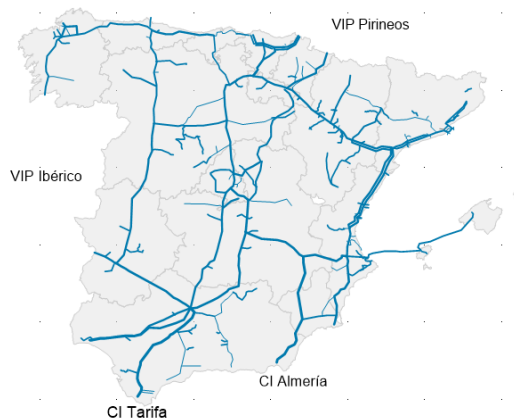
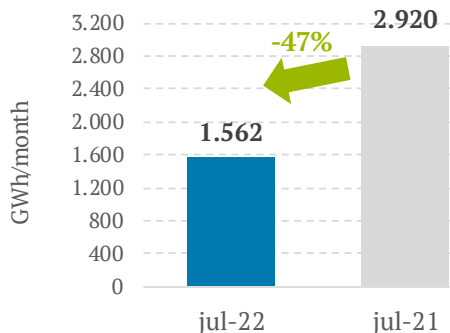


2.1 Demand coverage : Interconnection Points

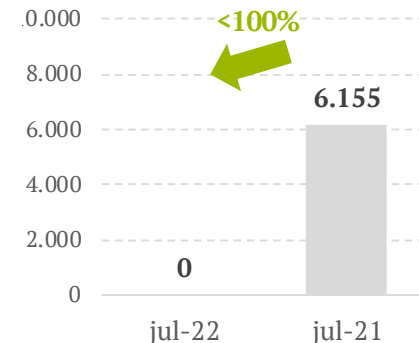
VIP IBÉRICO (imports)



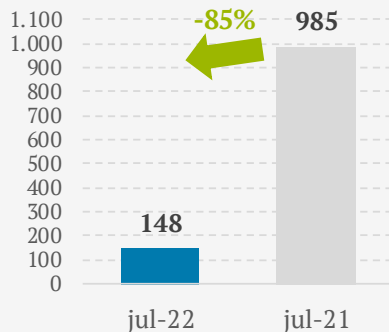
VIP PIRINEOS (imports)



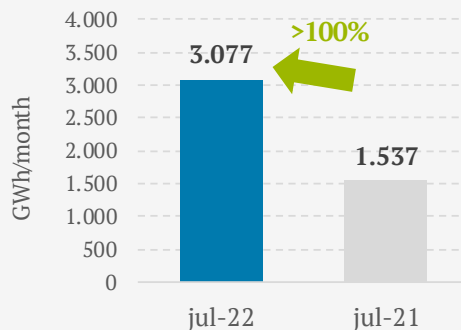
TARIFA (imports)



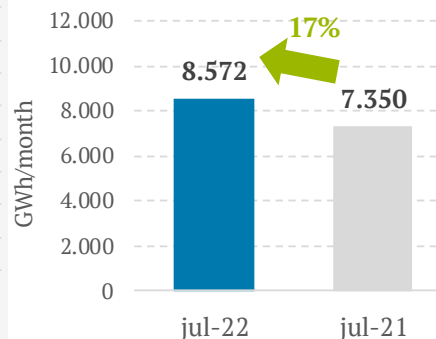
VIP IBÉRICO (exports)



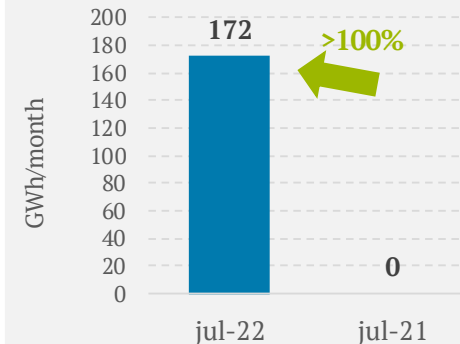
VIP PIRINEOS (exports)



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	
	July-2022	July-2021	%Δ s/2021	Jan-July 2022	%Δ s/2021	MAT: August 2021- July 2022	%Δ MAT vs 2021
Tarifa	-172	6.155	<100%	0	-100,0%	17.132	-74,0%
Almería	8.572	7.350	16,6%	60.056	18,7%	98.164	10,7%
VIP Ibérico	-20	-941	-97,9%	2.355	<100%	1.447	>100%
VIP Pirineos	-1.515	1.383	<100%	-16.166	<100%	-3.692	-121,5%
National Deposits	21	13	61,3%	174	-30,3%	309	-19,6%
Biogas	15	9	59,1%	71	24,4%	113	14,0%
Total	6.901	13.969	-50,6%	46.490	-55,2%	113.473	-33,6%

+ Entradas a la red de transporte

- Salidas de la red de transporte

(*) Datos de repartos del SL-ATR

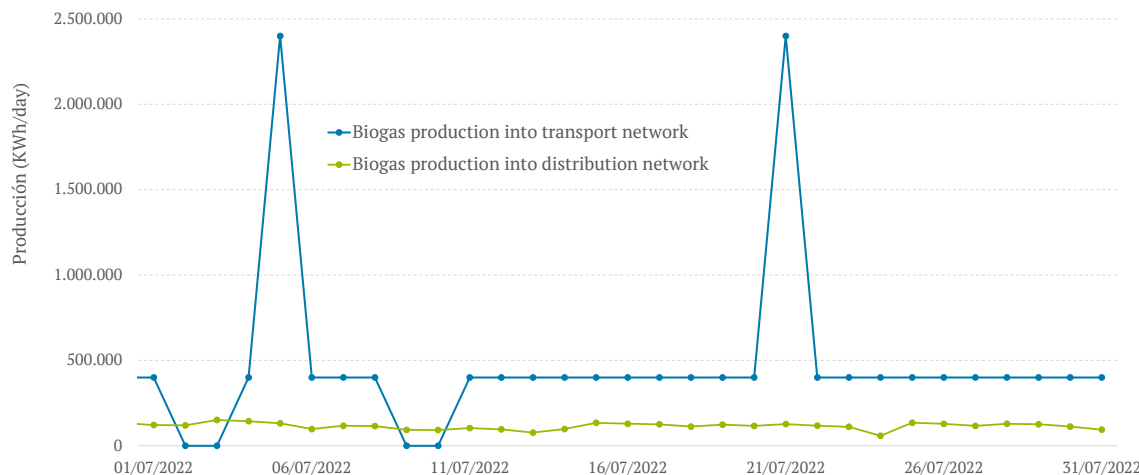


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3. Renewable gases

BIOGÁS production into Transport and Distribution Network

Unidad: GWh	Monthly Accumulated			Annual Accumulated		Moving Annual Total	
	July-2022	July-2022	%Δ s/2021	Jan-July 2022	%Δ s/2021	MAT: August 2021- July 2022	%Δ s/2021
BIOGÁS injected into transport network	14,8	9,3	59,1%	70,8	24,4%	112,9	14,0%
BIOGÁS injected into distribution network	3,6	0,0	>100%	22,6	>100%	28,3	>100%
Total	18,4	9,3	97,4%	93,4	63,7%	141,3	34,6%



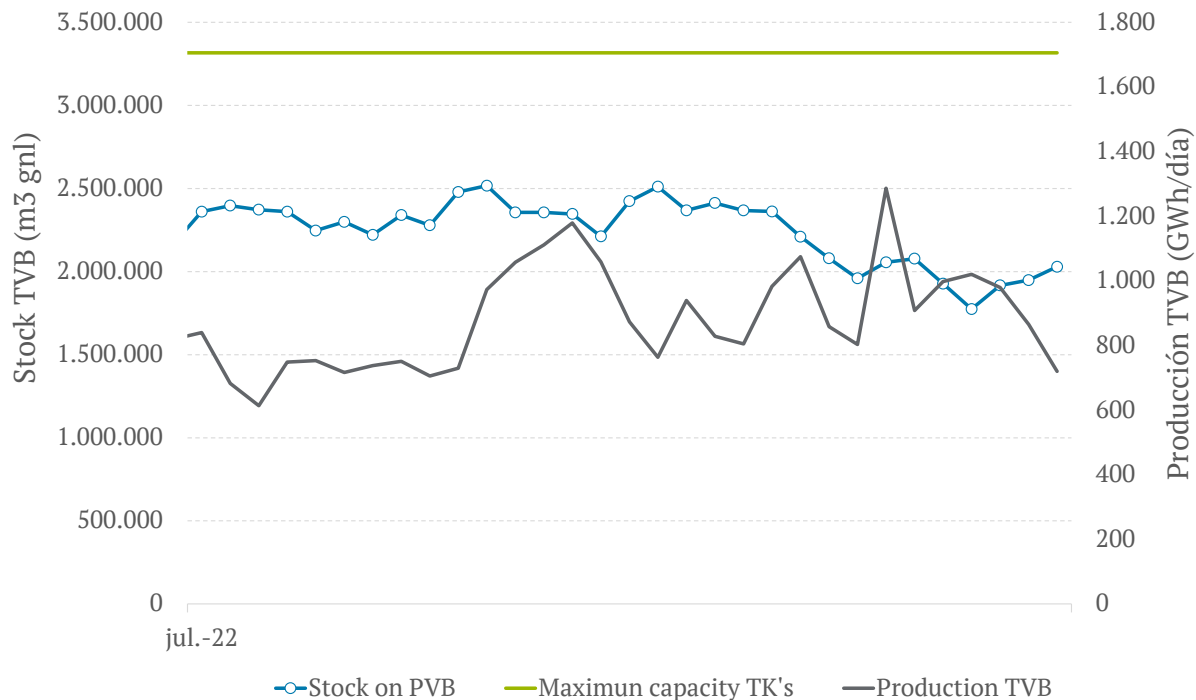
(*) Datos de repartos del SL-ATR



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4. TVB activity

TVB Stock evolution and TVB production



July 2022	GWh/month
Total capacity	59.365
Contracted capacity TVB	27.841
Available capacity	31.524
Commercial regasification	25.601



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5. Regasification plants activity

Ships Unloaded

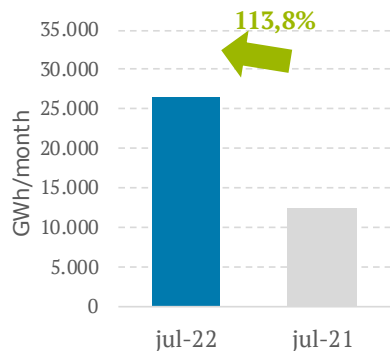
Number of Ships Unloaded

Ships Loaded

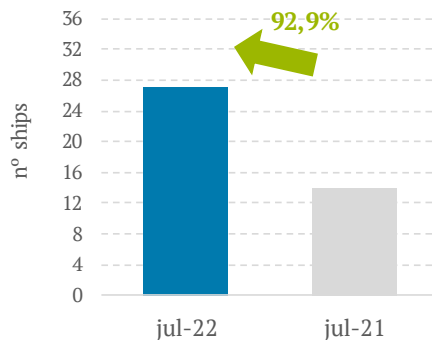
LNG Trucks

GWh	Ships Unloaded			Number of Ships Unloaded			Ships Loaded			LNG Trucks		
	July-2022	July-2021	%Δ s/2021	July-2022	July-2021	%Δ s/2021	July-2022	July-2021	%Δ s/2021	July-2022	July-2021	%Δ s/2021
BARCELONA	4.243	1.795	>100%	4	2	100,0%	337	1.013	-66,8%	172	291	-41,0%
HUELVA	5.794	2.065	>100%	6	2	>100%	0	921	-100,0%	157	284	-44,8%
CARTAGENA	3.868	1.713	>100%	5	2	>100%	19	0	>100%	140	205	-31,7%
BILBAO	5.345	3.644	46,7%	5	4	25,0%	0	0	-	81	82	-0,9%
SAGUNTO	6.106	974	>100%	6	2	>100%	497	30	>100%	119	194	-38,6%
MUGARDOS	1.092	2.181	-49,9%	1	2	-50,0%	50	0	>100%	77	101	-23,8%
Total	26.448	12.372	113,8%	27	14	92,9%	904	1.964	-54%	746	1.157	-35,5%

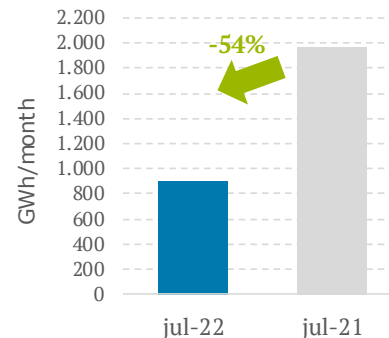
SHIPS UNLOADED



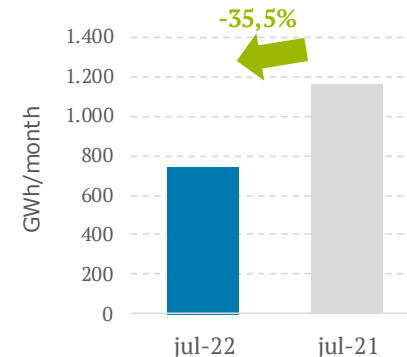
NUMBER OF SHIPS UNLOADED



SHIPS LOADED



LNG TRUCKS



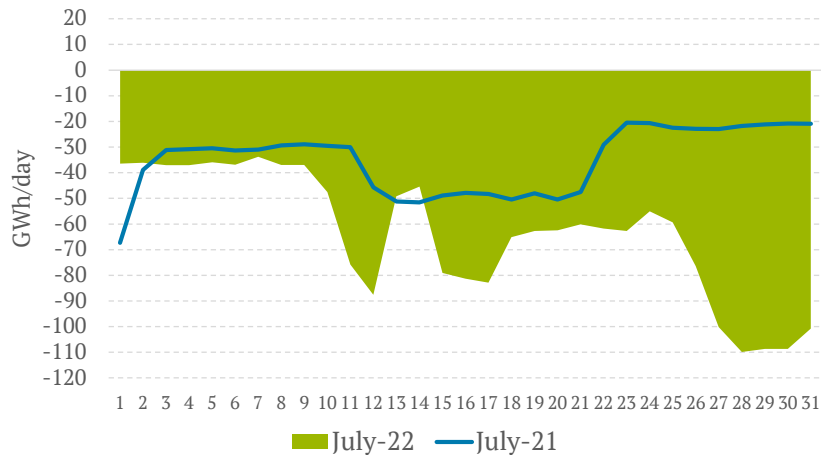
(*) Datos de repartos del SL-ATR



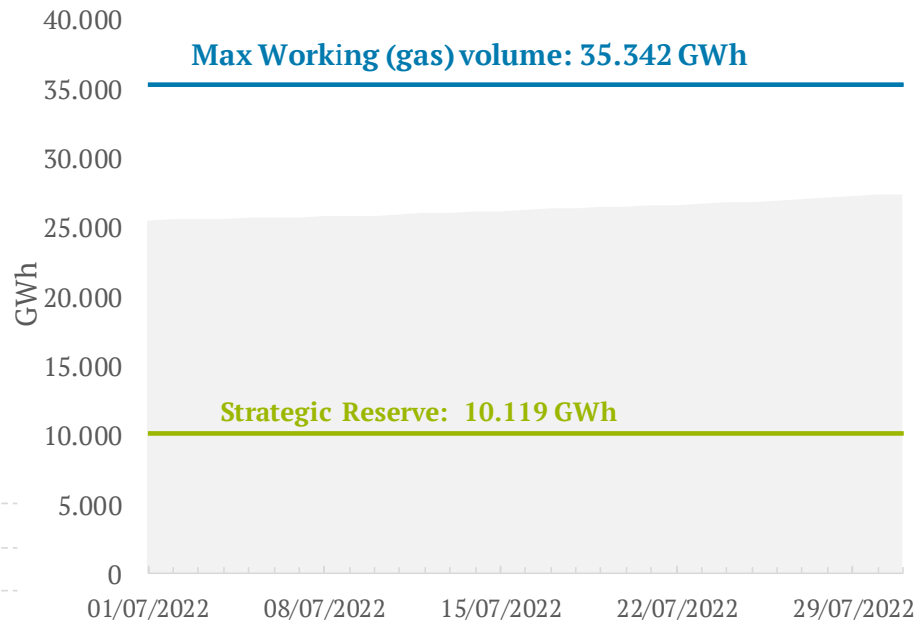
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6. UGS Activity

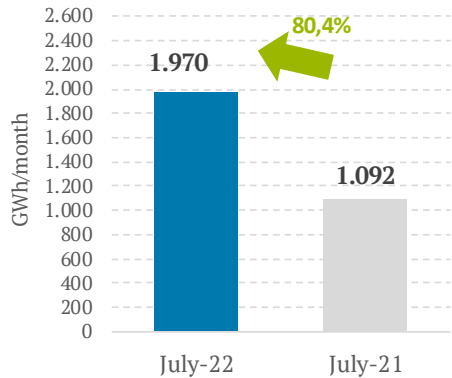
Daily injection July 2022 vs July 2021



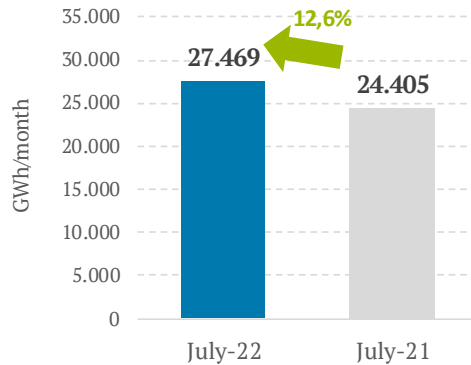
Working gas evolution



Injection



Working (gas) volumes





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

7. Operating notes and other relevant facts

Operating notes:

- ❑ In July 2022, one Operation note has been published.
 - ❖ Incident in the Enagas transmisión network between I019 (Santiago) position and I018 (Rois) position .

Relevant facts:

- ❑ One relevant fact has been published this month
 - ❖ Demand for natural gas for electricity generation breaks the historic record .(804 GWh, 13th July 2022).

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

Muchas
gracias

