

Statistical bulletin

August 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

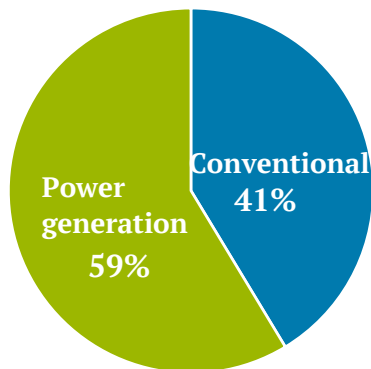
6. Underground Storage activity

7. Operating notes and other relevant facts

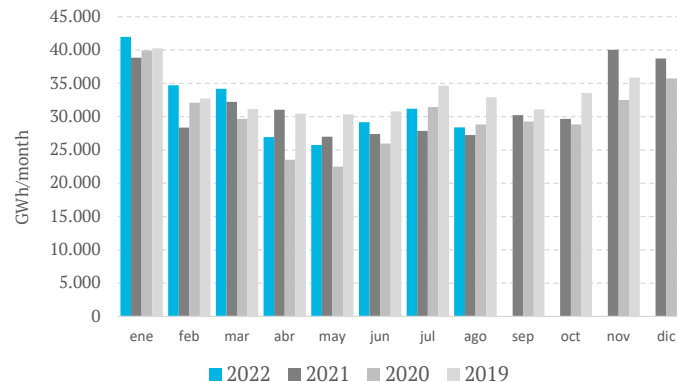
1. Evolution of gas demand

GWh	Monthly accumulated		Annual accumulated		Moving Annual Total	
	Aug-2022	%Δ s/2021	Jan-Aug 2022	%Δ s/2021	MAT: September 2021-August 2022	%Δ MAT vs 2021
National Market demand	28.372	4,2%	252.205	5,1%	390.838	3,3%
Conventional	11.731	-37,6%	162.580	-15,2%	259.074	-10,1%
Power generation	16.641	97,6%	89.625	85,7%	131.764	45,8%
International Market demand	6.973	4,7%	36.354	40,7%	46.437	29,3%
International connections exports	2.315	94,3%	27.289	99,6%	32.381	72,6%
LNG Vessel loading	4.658	-14,8%	9.064	-25,5%	14.057	-18,1%
TOTAL	35.345	4,3%	288.559	8,6%	437.275	5,5%

National market demand August 2022

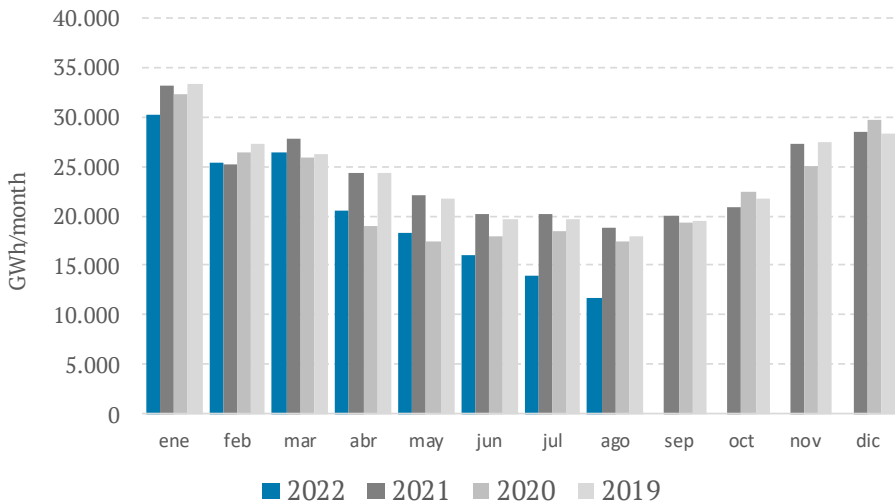


Total Demand

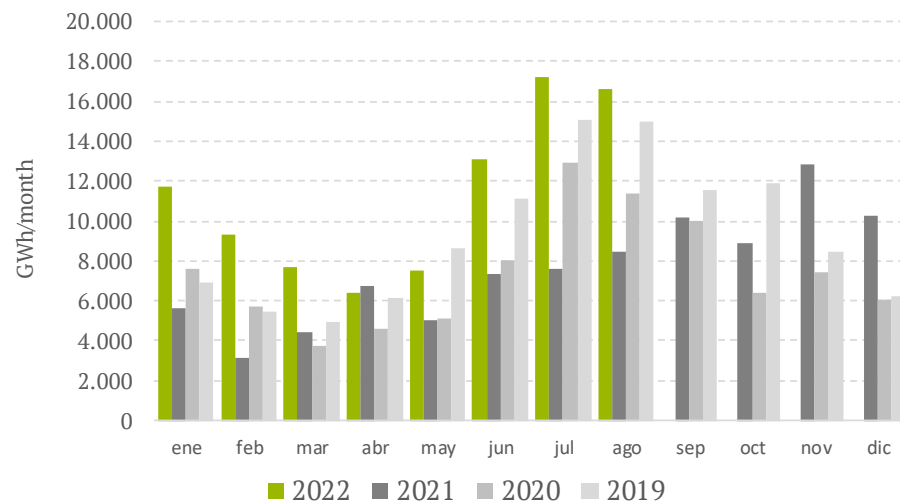


1. Evolution of gas demand

Conventional Demand



Power Generation



1.1 Evolution of gas demand. Conventional

Demand

Conventional market

-37,6% ↓

Less than the previous year

Temperatures



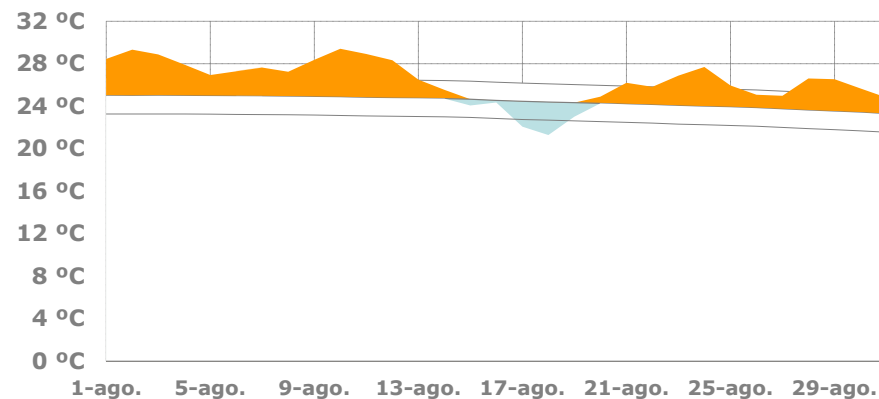
+1,7°C ↑

More than the previous year

Corrección laboralidad y temperatura

Demand	Conventional demand		Accumulated		MAT	
	Aug 2022 (*)		Jan-Aug 2022		Sep 2021-Aug 2022	
	GWh	%22 s/21	GWh	%22 s/21	GWh	% TAM s/21
	11.731	-37,6%	162.580	-15,2%	259.040	-10,1%
Calendar		0,0%		-0,3%		0,0%
Temperature		-0,9%		-0,9%		-0,6%
Amended demand		-36,7%		-14,0%		-9,5%

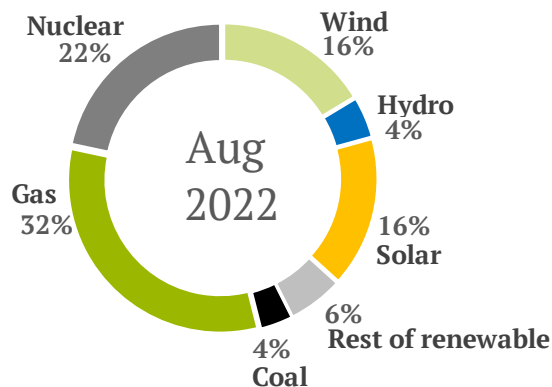
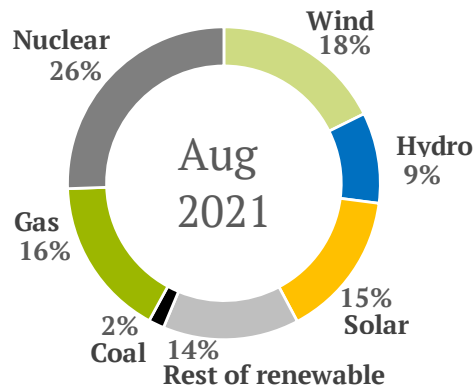
* The sum of the correction factors is equal to % of total demand



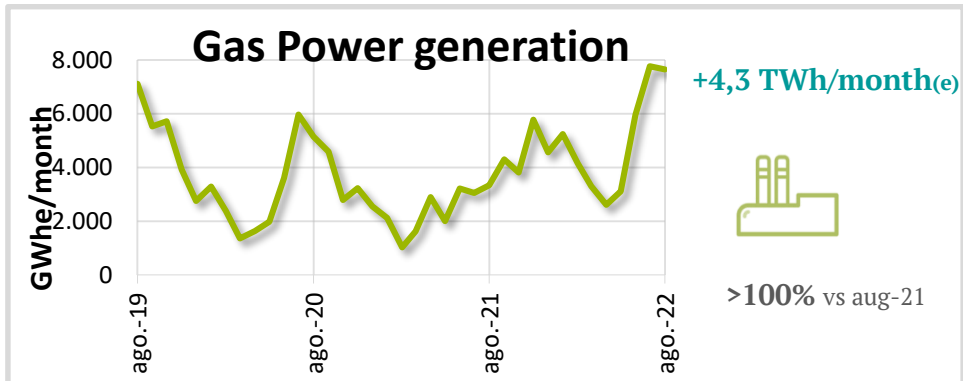
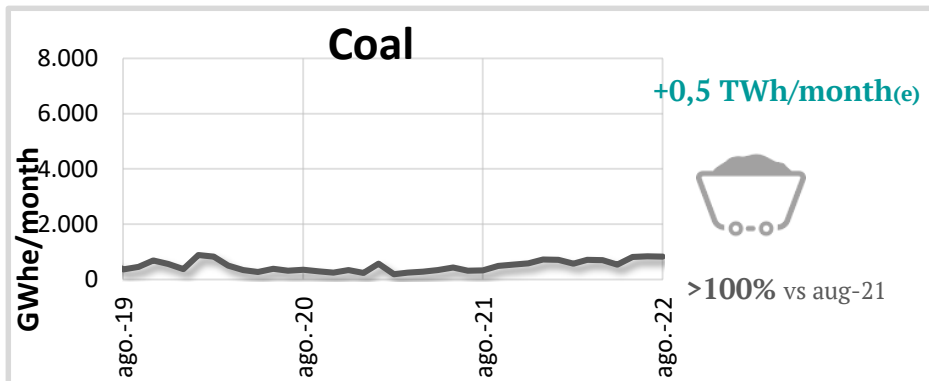
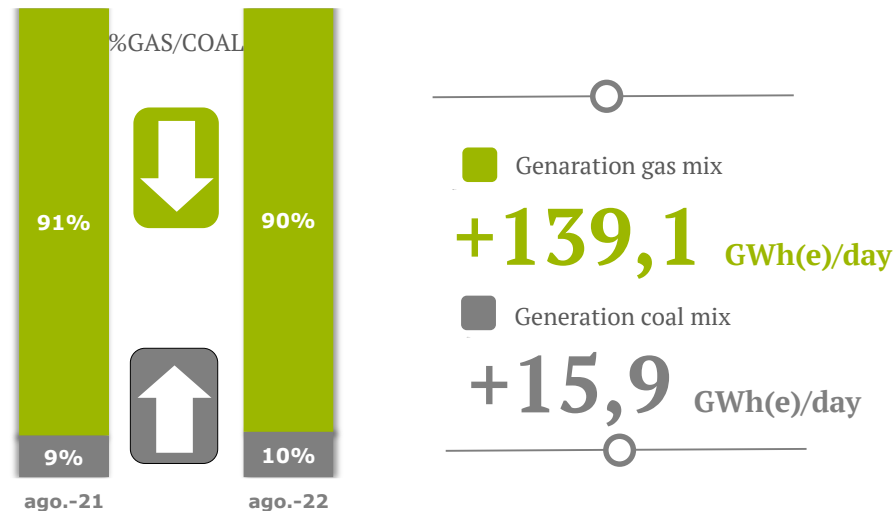
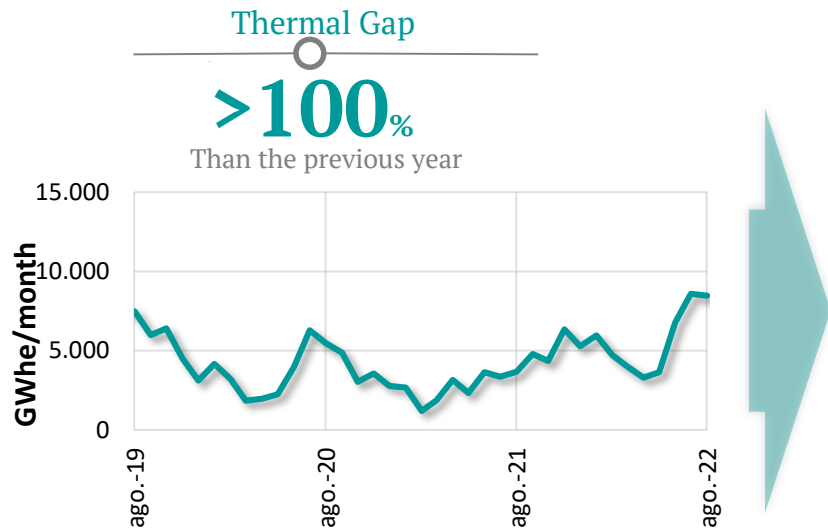
Temperatura de referencia del Sistema Gasista

1.2 Power generation– electricity generation mix

TWh (e)	Aug 2021	Aug 2022
 Power generation	20,8	20,5
 Wind	3,6	3,9
 Hydraulic	1,9	1,0
 Solar	3,1	3,8
 Rest of renewable	2,8	1,4
Cogeneration	2,1	0,8
Others	0,7	0,6
 Thermal Gap	3,7	8,5
Coal	0,3	0,8
Gas	3,3	7,6
% gas in TG	91%	90%
 Nuclear	5,2	5,1
 International balances	0,8	-2,8
	import	export



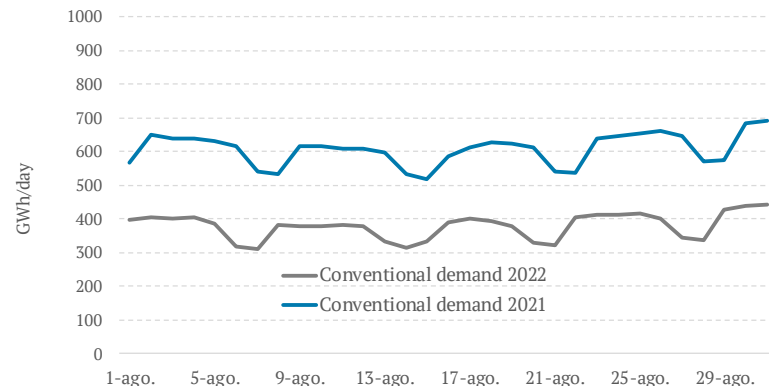
1.2 Power generation – Thermal Gap evolution



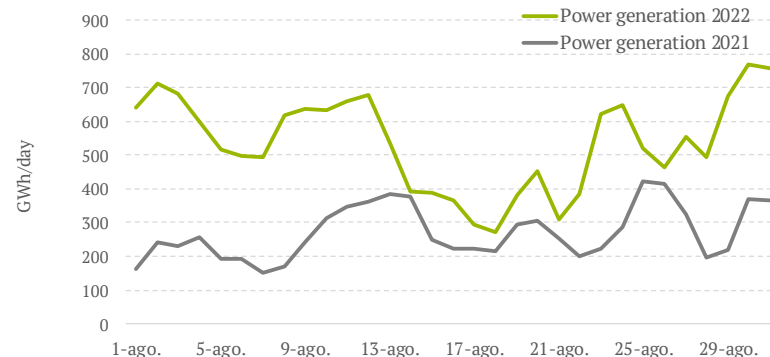
1.3 Evolution of CCAA gas demand

GWh	CONVENTIONAL DEMAND (without LNG trucks)		POWER GENERATION	
	Aug-2022	%Δ s/Aug 2021	Aug-2022	%Δ s/Aug 2021
CATALUÑA	2.181	-32,3%	2.064	>100%
ANDALUCIA	1.293	-52,9%	4.685	>100%
VALENCIA	1.420	-30,9%	1.073	23,3%
PAIS_VASCO	747	-42,3%	1.268	>100%
MURCIA	620	-56,3%	2.191	92,0%
CASTILLA_LEON	821	-28,2%	0	
ARAGON	688	-35,2%	674	>100%
GALICIA	628	-35,3%	1.251	43,5%
CASTILLA_MANCHA	504	-44,5%	214	67,6%
MADRID	655	-14,9%	0	
ASTURIAS	317	-28,5%	923	80,5%
NAVARRA	404	-24,7%	847	26,4%
CANTABRIA	172	-58,4%	0	
LA_RIOJA	35	-58,1%	180	>100%
EXTREMADURA	437	-10,4%	0	
BALEARES	77	-8,5%	1.273	6,6%

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

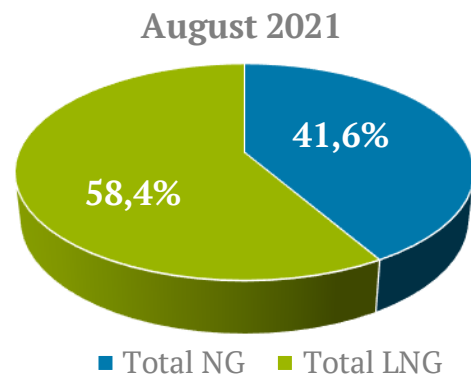
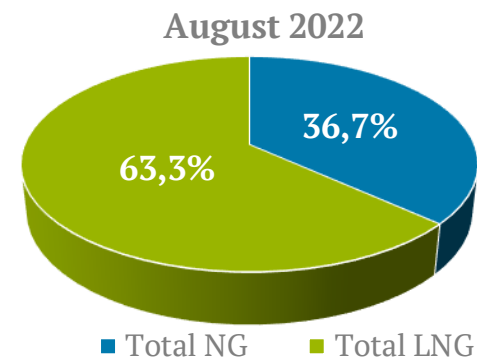
5. Regasification Plants activity

6. Underground Storage activity

7. Operating notes and other relevant facts

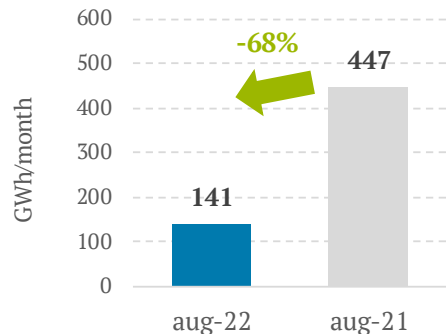
2.1 Demand coverage: Origin of supplies

Unit: GWh		Monthly accumulated (*)			Annual accumulated (*)		Moving Annual Total (*)	
		Aug-2022	% s TOTAL	Aug-2021	Jan-Aug 2022	% s TOTAL	MAT: September 2021-August 2022	% s TOTAL
Algeria	NG	9.127	24,0%	12.432	69.184	24,4%	111.991	27,9%
	LNG	0		1.565	4.478		14.438	
France	NG	4.688	12,3%	2.398	12.233	4,4%	26.119	6,2%
	LNG	0		0	1.068		2.127	
Angola	LNG	0	0,0%	0	1.040	0,3%	5.168	1,1%
Cameroon	LNG	0	0,0%	0	1.127	0,4%	1.127	0,2%
United States	LNG	10.074	26,5%	5.241	96.683	32,1%	129.556	28,6%
Equatorial Guinea	LNG	0	0,0%	2.035	3.922	1,3%	4.812	1,1%
Nigeria	LNG	5.835	15,3%	6.067	43.367	14,4%	62.859	13,9%
Peru	LNG	0	0,0%	0	1.080	0,4%	1.944	0,4%
Qatar	LNG	1.653	4,3%	2.523	8.974	3,0%	18.685	4,1%
Russia	LNG	4.505	11,8%	2.228	32.770	10,9%	43.129	9,5%
Trinidad	LNG	0	0,0%	1.662	7.459	2,5%	8.292	1,8%
Oman	LNG	0	0,0%	0	2.885	1,0%	2.885	0,6%
Belgium	LNG	1.094	2,9%	0	1.094	0,4%	1.094	0,2%
Egypt	LNG	0	0,0%	0	9.245	3,1%	11.335	2,5%
Portugal	NG	141	0,4%	447	3.527	1,2%	4.645	1,0%
Papua New Guinea	NG	0	0,0%	168	0	0,0%	0	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	0	0,0%	26	174	0,1%	283	0,1%
National Biogas	NG	12	0,0%	9	83	0,0%	116	0,0%
TOTAL		38.066	100%	36.801	301.498	100%	453.480	100%

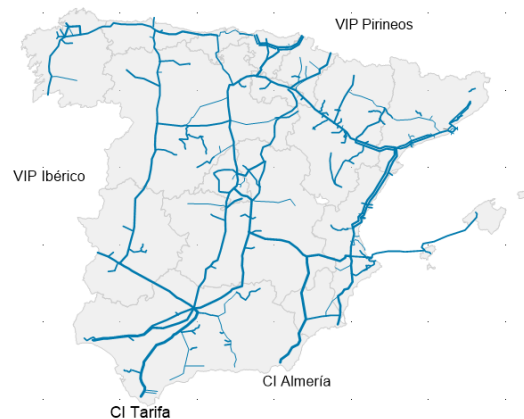
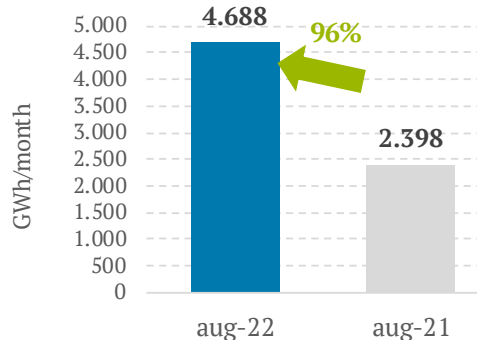


2.1 Demand coverage : Interconnection Points

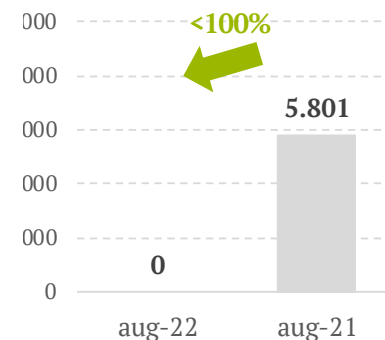
VIP IBÉRICO (imports)



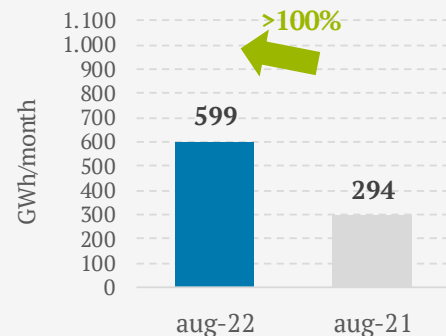
VIP PIRINEOS (imports)



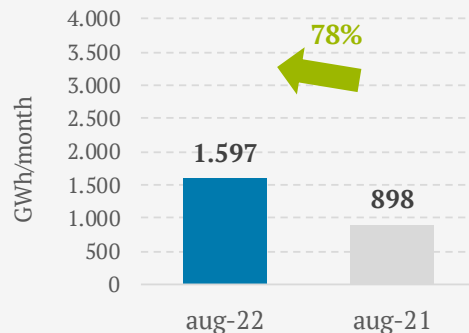
TARIFA (imports)



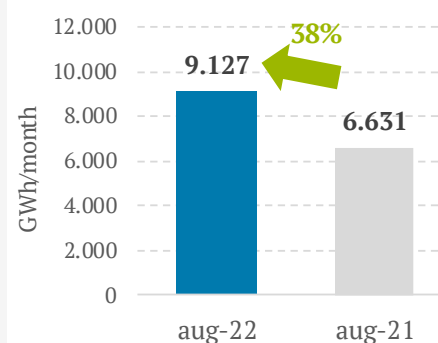
VIP IBÉRICO (exports)



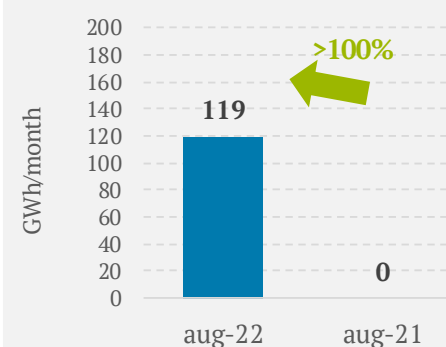
VIP PIRINEOS (exports)



ALMERÍA



TARIFA (exports)



2.1 Demand coverage : Interconnection Points

Saldos Netos

	Monthly accumulated			Annual accumulated		Moving Annual Total	
GWh	Aug-2022	Aug-2021	%Δ s/2021	Jan-Aug 2022	%Δ s/2021	MAT: September 2021- August 2022	%Δ MAT vs 2021
Tarifa	-119	5.801	<100%	0	-100,0%	17.132	-74,0%
Almería	9.127	6.631	37,6%	69.184	20,9%	100.660	13,5%
VIP Ibérico	-458	153	<100%	1.897	<100%	836	>100%
VIP Pirineos	3.092	1.500	>100%	-13.075	<100%	-2.100	-112,2%
National Deposits	0	26	-100,0%	174	-36,8%	283	-26,3%
Biogas	12	9	33,3%	83	25,7%	116	17,2%
Total	11.654	14.120	-17,5%	58.263	-48,0%	116.927	-31,5%

+ Entradas a la red de transporte

- Salidas de la red de transporte

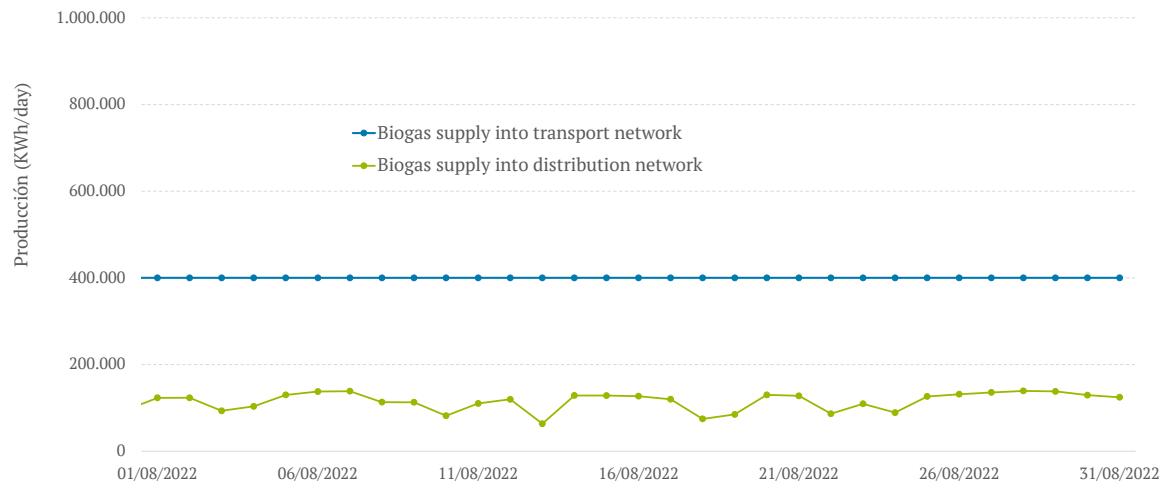


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3. Renewable gases

BIOGÁS production into Transport and Distribution Network

	Monthly Accumulated			Annual Accumulated		Moving Annual Total	
Unidad: GWh	Aug-2022	Aug-2022	%Δ s/2021	Jan-Aug 2022	%Δ s/2021	MAT: September 2021-August 2022	%Δ s/2021
BIOGÁS injected into transport network	12,4	9,3	33,3%	83,2	25,7%	116,0	17,2%
BIOGÁS injected into distribution network	3,6	0,0	>100%	26,1	>100%	31,9	>100%
Total	16,0	9,3	71,8%	109,3	64,8%	147,9	41,0%

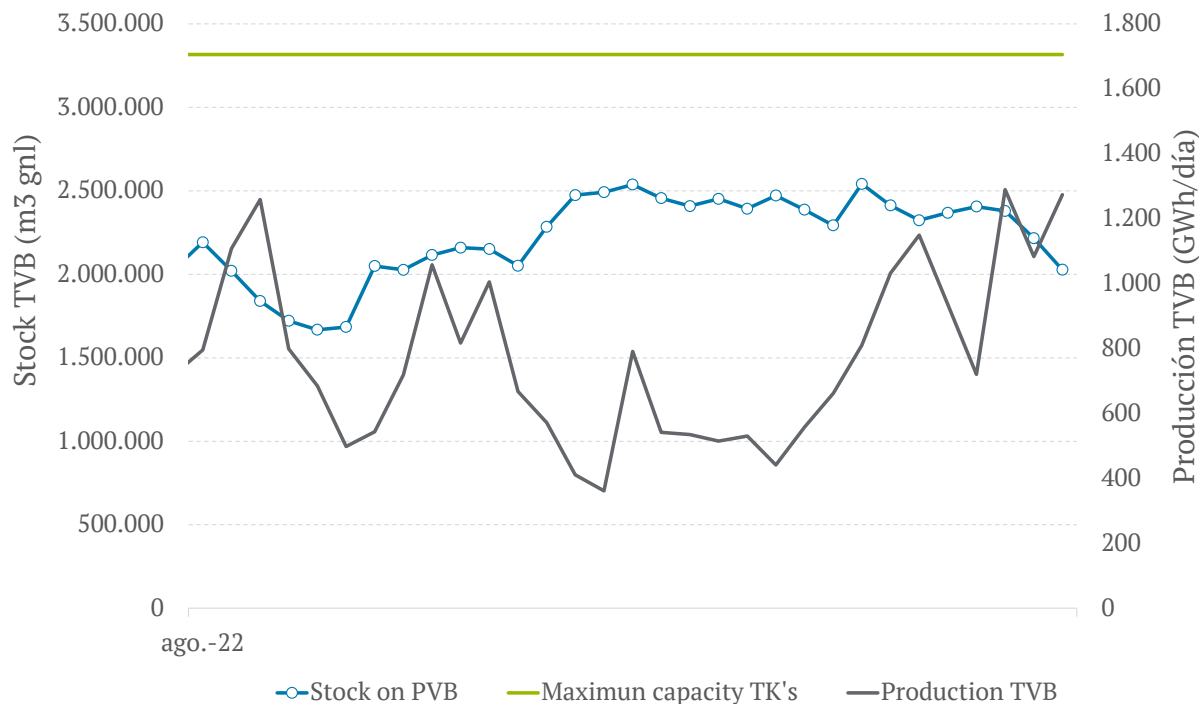




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4. TVB activity

TVB Stock evolution and TVB production



August 2022

GWh/month

Total capacity	59.365
Contracted capacity TVB	22.104
Available capacity	37.261
Commercial regasification	25.601

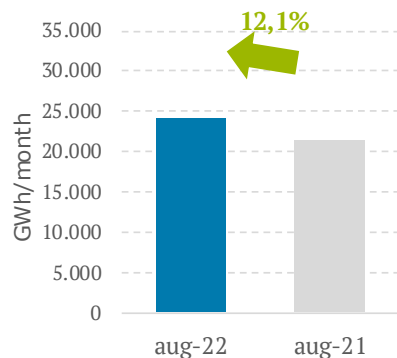


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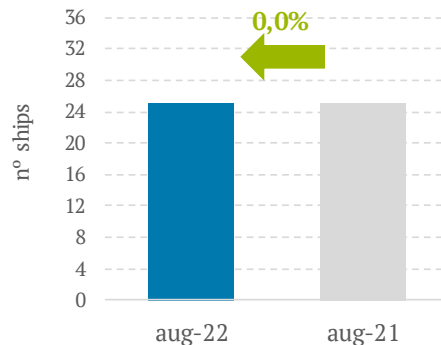
5. Regasification plants activity

	Ships Unloaded			Number of Ships Unloaded			Ships Loaded			LNG Trucks		
GWh	Aug-2022	Aug-2021	%Δ s/2021	Aug-2022	Aug-2021	%Δ s/2021	Aug-2022	Aug-2021	%Δ s/2021	Aug-2022	Aug-2021	%Δ s/2021
BARCELONA	3.709	4.154	-10,7%	4	6	-33,3%	1.387	1.257	10,4%	136	253	-46,0%
HUELVA	5.016	5.551	-9,6%	5	6	-16,7%	2.111	1.978	6,7%	214	373	-42,6%
CARTAGENA	2.045	4.083	-49,9%	3	4	-25,0%	0	992	-100,0%	125	217	-42,4%
BILBAO	6.193	3.910	58,4%	6	4	50,0%	302	0	>100%	71	64	9,7%
SAGUNTO	5.397	2.680	>100%	5	4	25,0%	857	1.198	-28,4%	124	179	-30,8%
MUGARDOS	1.736	1.112	56,1%	2	1	100,0%	0	42	-100,0%	64	88	-27,0%
Total	24.097	21.490	12,1%	25	25	0,0%	4.658	5.467	-15%	734	1.173	-37,5%

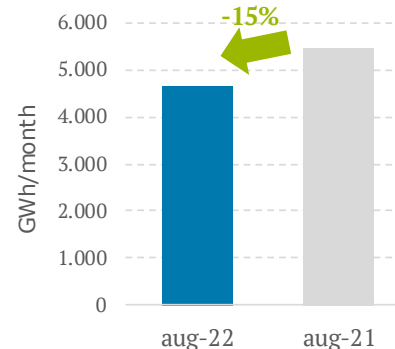
SHIPS UNLOADED



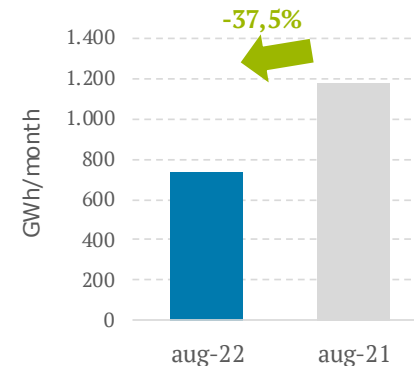
NUMBER OF SHIPS UNLOADED



SHIPS LOADED



LNG TRUCKS



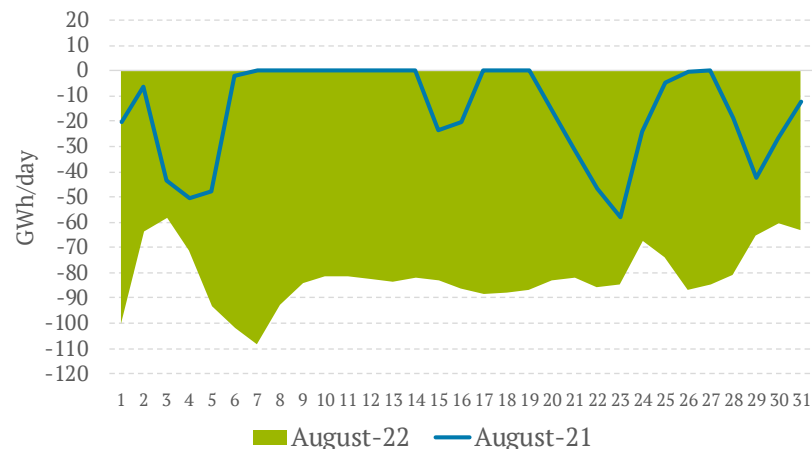
(*) Datos de repartos del SL-ATR



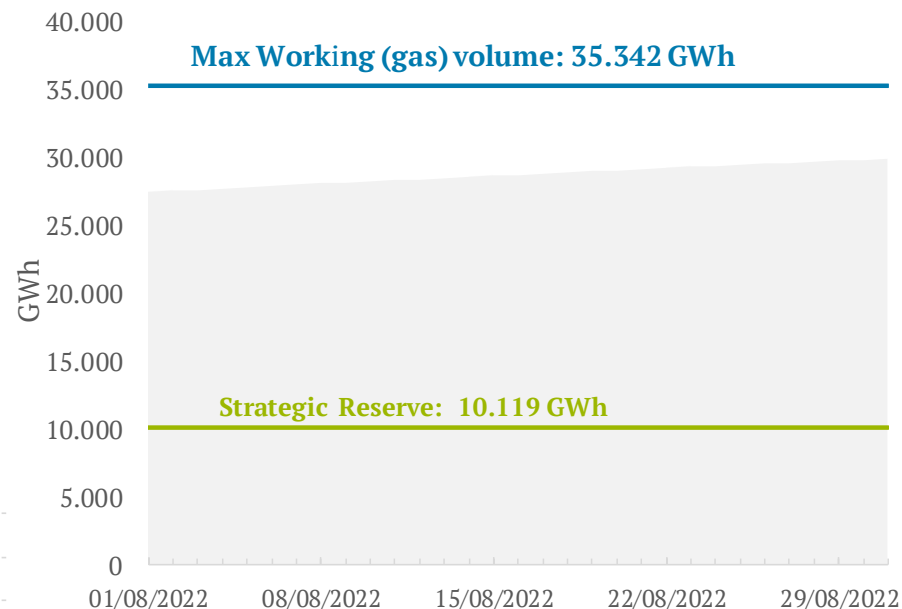
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6. UGS Activity

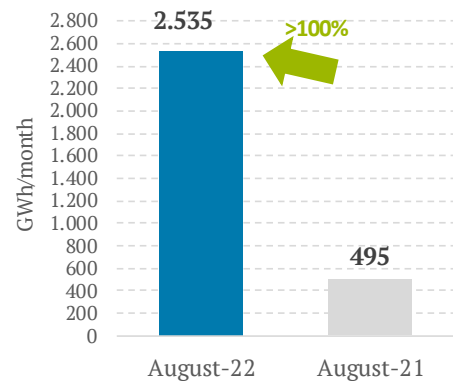
Daily injection August 2022 vs August 2021



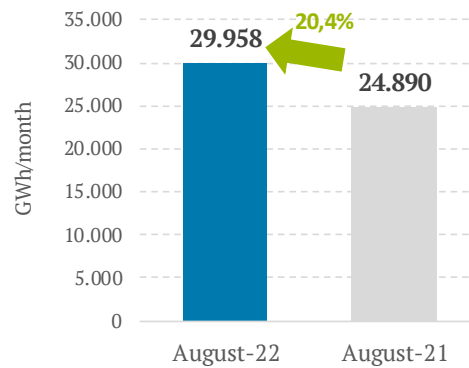
Working gas evolution



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 August 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

Muchas
gracias

