



ADVANCE



Statistical bulletin

August 2021

Technical Management of the System

GTS_DEMANDA@enagas.es

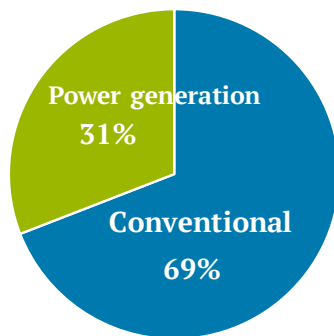
Content

- 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

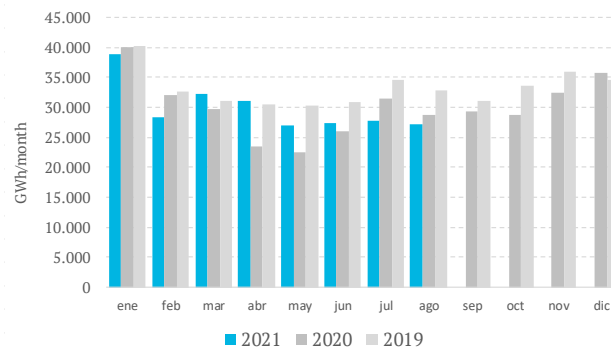
1. Evolution of gas demand

GWh	Monthly accumulated		Annual accumulated		Moving Annual Total	
	Aug-2021	%Δ s/2020	Jan-Aug 2021	%Δ s/2020	MAT: Sep 2020-Aug 2021	%Δ MAT vs 2020
National Market demand	27.209	-5,5%	239.774	2,5%	366.031	1,6%
Conventional	18.801	8,0%	192.220	10,0%	288.626	6,4%
Power generation	8.408	-26,2%	47.553	-19,5%	77.406	-12,9%
International Market demand	6.659	>100%	25.842	247,8%	31.400	141,8%
International conections exports	1.192	88,6%	13.670	>100%	18.926	57,7%
LNG Vessel loading	5.467	>100%	12.172	>100%	12.474	>100%
TOTAL	33.868	14,6%	265.616	10,1%	397.431	6,5%

National market demand August 2021

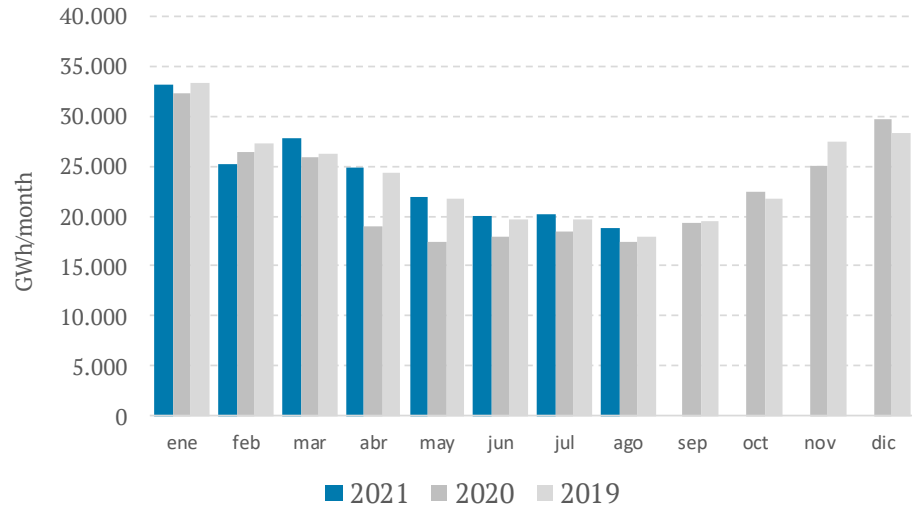


Total Demand

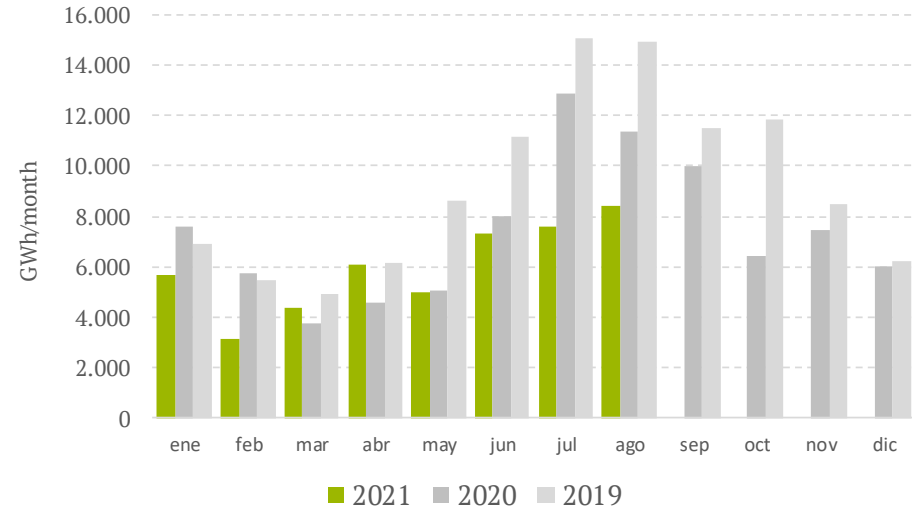


1. Evolution of gas demand

Conventional Demand



Power Generation



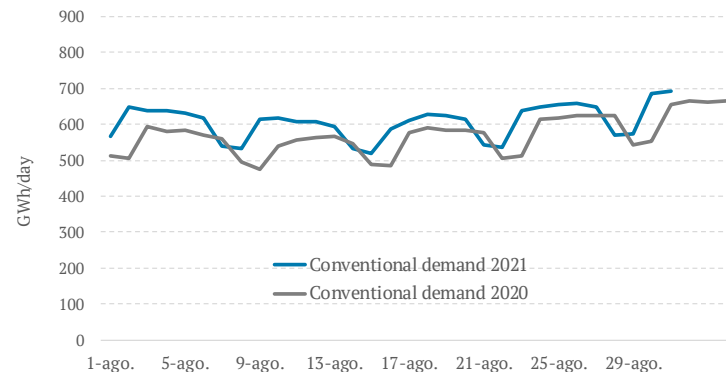
1. Evolution of CCAA gas demand

CONVENTIONAL DEMAND (without LNG trucks)

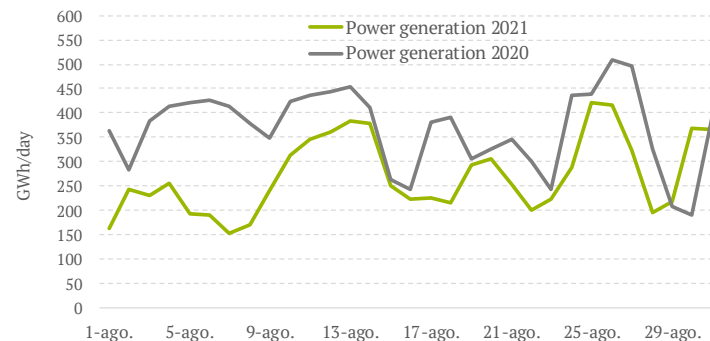
POWER GENERATION

GWh	CONVENTIONAL DEMAND (without LNG trucks)		POWER GENERATION	
	Aug-2021	%Δ s/Aug 2020	Aug-2021	%Δ s/Aug 2020
CATALUÑA	3.223	12,5%	826	-39,7%
ANDALUCIA	2.737	7,0%	1.512	-38,5%
VALENCIA	2.013	14,0%	869	-1,6%
PAIS_VASCO	1.303	18,1%	604	-17,9%
MURCIA	1.427	-0,2%	1.139	-32,6%
CASTILLA_LEON	1.150	-4,2%	127	-76,4%
ARAGON	1.070	2,5%	3	-99,7%
GALICIA	976	-0,4%	870	95,3%
CASTILLA_MANCHA	886	-2,0%	0	
MADRID	773	3,6%	0	
ASTURIAS	451	15,9%	511	-30,5%
NAVARRA	541	7,8%	669	-15,1%
CANTABRIA	421	28,3%	0	
LA_RIOJA	83	5,9%	84	>100%
EXTREMADURA	489	16,7%	0	
BALEARES	86	111,6%	1.192	55,8%

Conventional demand daily evolution



Power generation daily evolution



1.1 Conventional demand

Demand




Conventional market

+8,0%




More than the previous year

Temperatures



-0,1°C

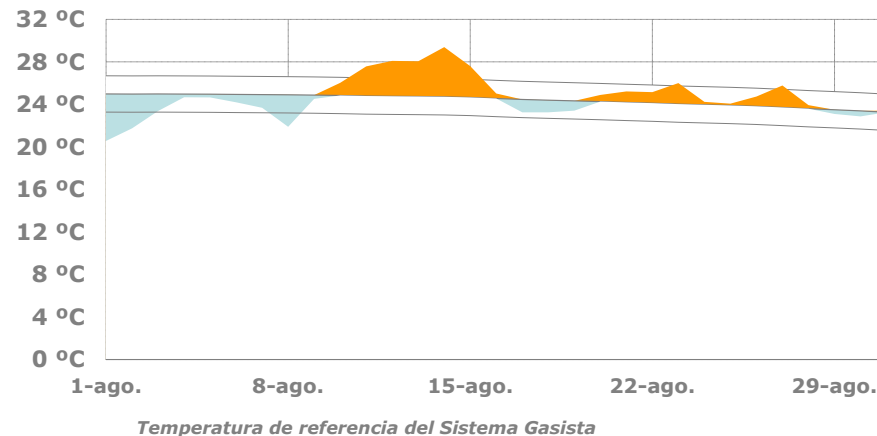


Less than the previous year

Calendar and temperature correction

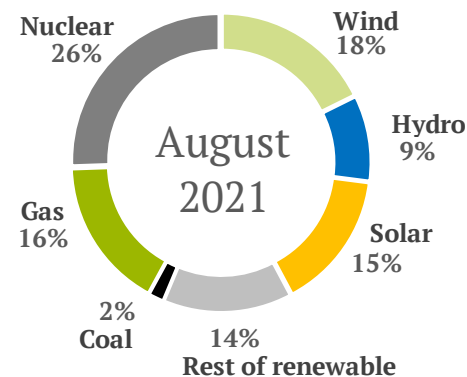
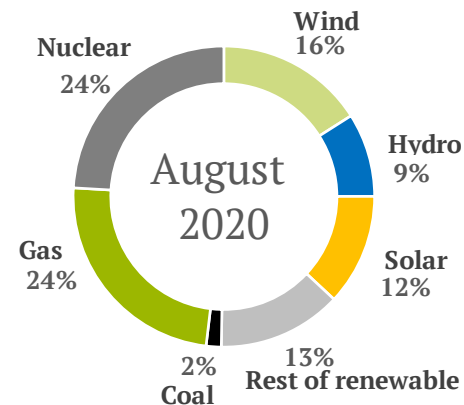
	Conventional demand		Accumulated		MAT	
	Aug 2021 (*)		Aug 2021		Sep 2020-Aug 2021	
Demand	GWh	%21 s/20	GWh	%21 s/20	GWh	% TAM s/20
	18.801	8,0%	192.220	10,0%	288.626	6,4%
Calendar		3,1%		-0,3%		-0,4%
Temperature		0,2%		2,3%		1,5%
Amended demand		4,8%		8,0%		5,4%

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



1.2 Power generation– electricity generation mix

TWh (e)	August 2020	August 2021
Power generation	20,8	20,8
Wind	3,4	3,6
Hydraulic	1,9	1,9
Solar	2,6	3,1
Rest of renewable	2,9	2,8
Cogeneration	2,2	2,1
Others	0,6	0,7
Thermal Gap	5,5	3,7
Coal	0,3	0,3
Gas	5,1	3,3
% gas in TG	94%	91%
Nuclear	5,2	5,2
International balances	-0,2	0,8
	import	import

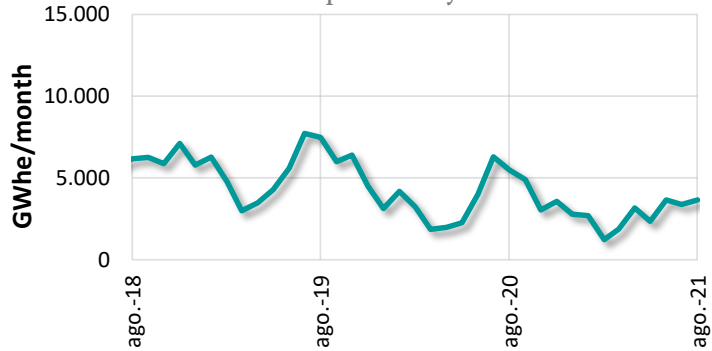


1.2 Power generation – Thermal Gap evolution

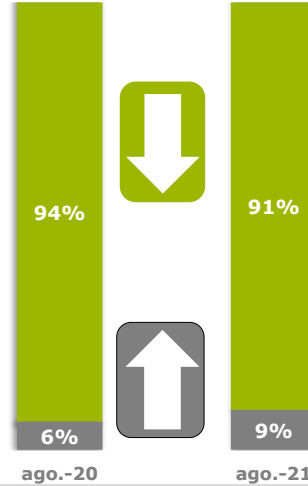
Thermal Gap

-33,4%

Than the previous year



%GAS/COAL



■ Generation gas mix

-58,5 GWh(e)/day

■ Generation coal mix

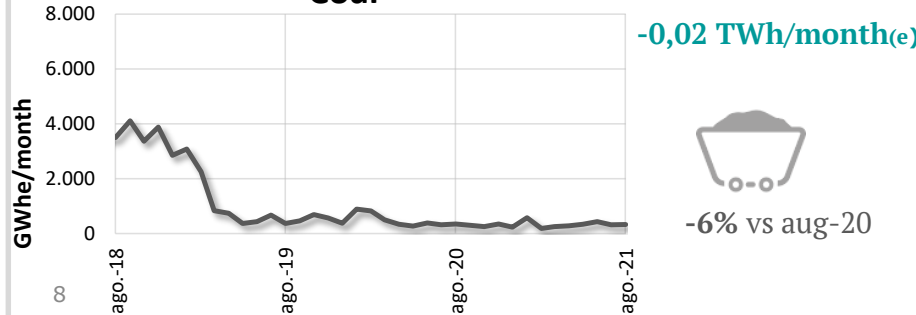
-0,6 GWh(e)/day

Coal

-0,02 TWh/month(e)



-6% vs aug-20

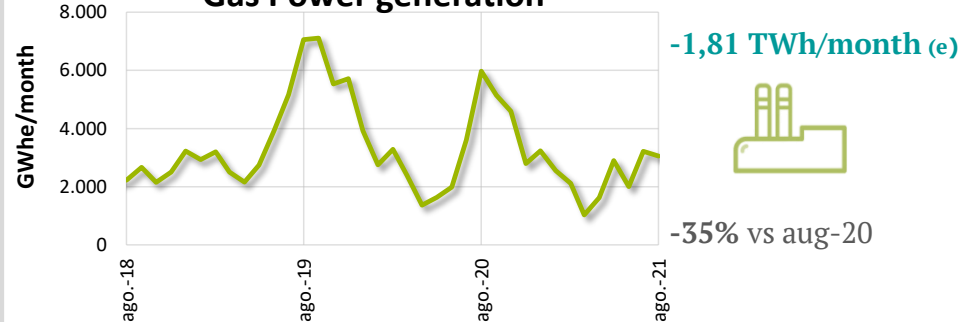


Gas Power generation

-1,81 TWh/month (e)



-35% vs aug-20



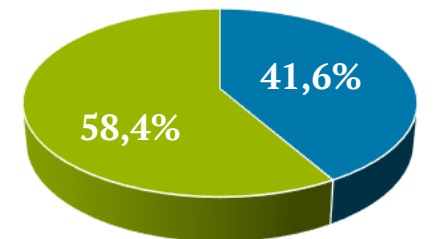
Content

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

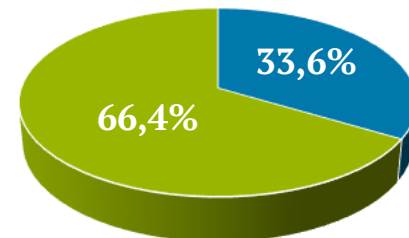
Unit: GWh		Monthly accumulated (*)		Annual accumulated (*)		Moving Annual Total (*)	
		Aug-2021	Aug-2020	Jan-Aug 2021	% s TOTAL	MAT: Sep 2020-Aug 2021	% s TOTAL
Algeria	NG	12.432	7.193	111.758	47,3%	163.757	45,9%
	LNG	1.565	1.610	13.465			
France	NG	2.398	4.209	17.035	6,4%	26.297	7,0%
	LNG	0	0	0			
Angola	LNG	0	1.022	0	0,0%	0	0,0%
Cameroon	LNG	0	0	0	0,0%	0	0,0%
United States	LNG	5.241	1.015	26.089	9,9%	41.667	10,7%
Equatorial Guinea	LNG	2.035	988	8.000	3,0%	11.868	3,0%
Nigeria	LNG	6.067	3.707	28.199	10,7%	47.429	12,1%
Norway	LNG	0	1.843	0	0,0%	924	0,2%
Peru	LNG	0	0	0	0,0%	0	0,0%
Qatar	LNG	2.523	6.455	16.458	6,2%	20.851	5,3%
Russia	LNG	2.228	2.067	26.668	10,1%	40.991	10,5%
Trinidad	LNG	1.662	3.934	12.291	4,6%	15.383	3,9%
Oman	LNG	0	0	0	0,0%	0	0,0%
Belgium	LNG	0	0	0	0,0%	0	0,0%
Argentina	LNG	0	0	0	0,0%	0	0,0%
Egypt	LNG	0	0	1.815	0,7%	1.815	0,5%
Portugal	NG	447	12	2.442	0,9%	2.832	0,7%
Papua New Guinea	NG	168	0	168	0,1%	168	0,0%
National deposits	NG	26	13	258	0,1%	440	0,1%
National Biogas	NG	9	7	66	0,0%	100	0,0%
TOTAL		36.801	34.074	264.712	100%	390.731	100%

August 2021



■ Total NG ■ Total LNG

August 2020

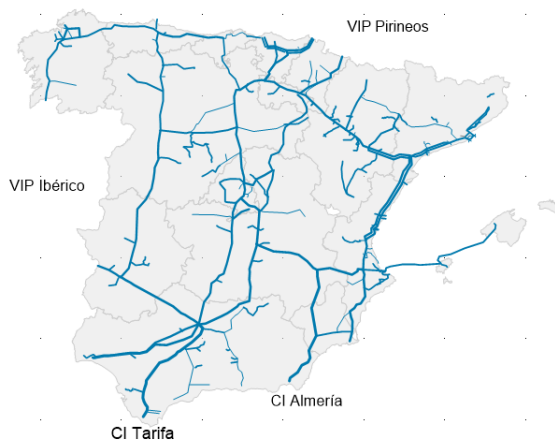
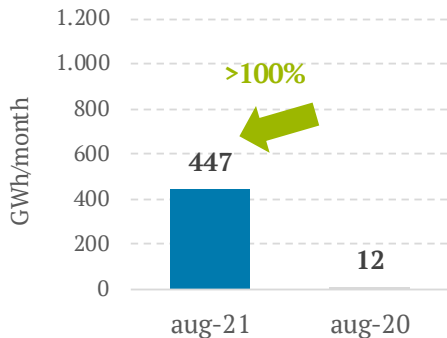


■ Total NG ■ Total LNG

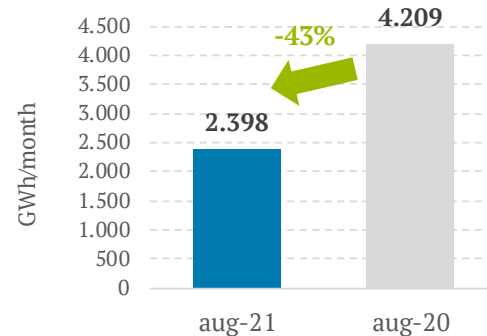
(*) SL-ATR distribution data

2.2 Demand coverage : Interconnection Points

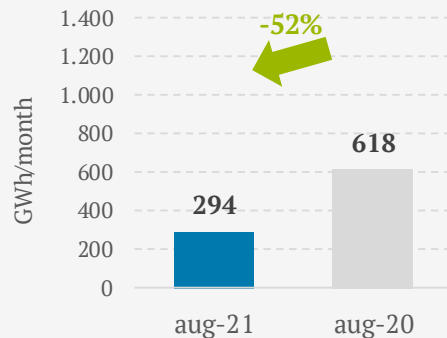
VIP IBÉRICO (imports)



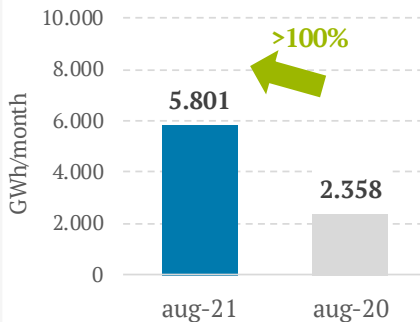
VIP PIRINEOS (imports)



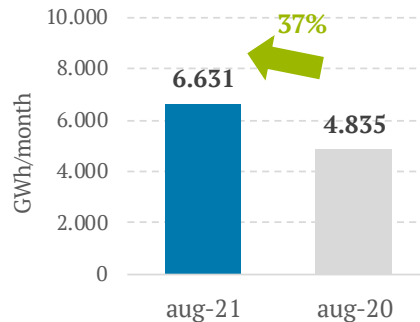
VIP IBÉRICO (exports)



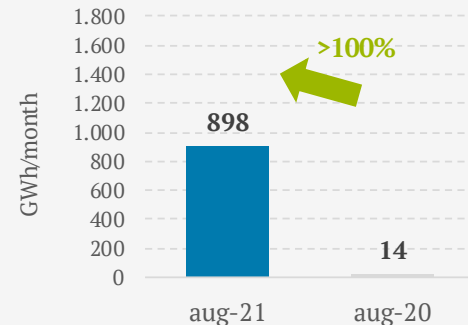
TARIFA



ALMERÍA



VIP PIRINEOS (exports)



2.2 Demand coverage : Interconnection Points

Net Balances (*)

GWh	Monthly accumulated			Annual accumulated		Moving Annual Total	
	Aug-2021	Aug-2020	%Δ s/2020	Jan-Aug 2021	%Δ s/2020	MAT: Sep 2020-Aug 2021	%Δ MAT vs 2020
Tarifa	5.801	2.358	>100%	54.546	>100%	80.595	97,6%
Almería	6.631	4.835	37,1%	57.211	68,8%	83.162	39,0%
VIP Ibérico	153	-606	<100%	-365	-80,0%	-3.003	-32,7%
VIP Pirineos	1.500	4.195	-64,2%	6.172	-70,7%	13.206	-53,0%
National Deposits	26	13	>100%	258	-8,5%	440	-5,2%
Biogas	9	7	35,7%	66	-4,5%	100	-3,0%
Total	14.120	10.802	30,7%	117.889	72,8%	174.500	39,8%

(+) Entry flows (-) Exit flows

(*) SL-ATR distribution data

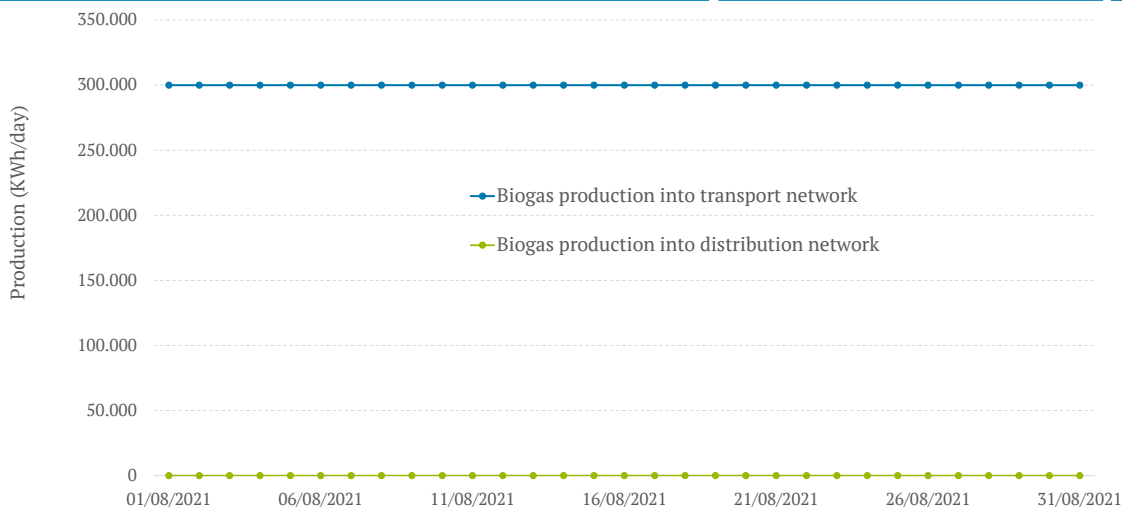
Content

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

3. Renewable gases

BIOGAS production for transport and distribution network

Unidad: GWh	Monthly Accumulated			Annual Accumulated		Moving Annual Total	
	Aug-2021	Aug-2020	%Δ s/2020	Jan-Aug 2021	%Δ s/2020	MAT: Sep 2020-Aug 2021	%Δ s/2020
BIOGÁS injected into transport network	9,3	6,9	35,7%	66,2	-4,5%	99,6	-3,0%
BIOGÁS injected into distribution network	0,0	0,3	-100,0%	0,1	-87,6%	0,5	-68,0%
Total	9,3	7,1	30,2%	66,3	-5,8%	100,1	-4,0%



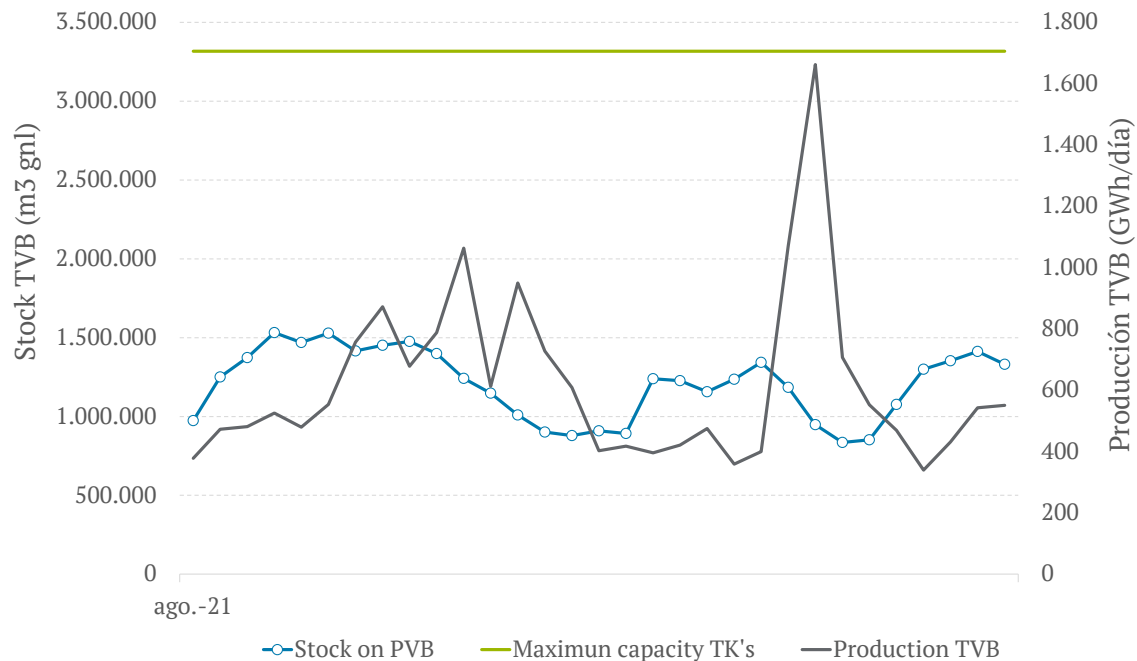
(*) SL-ATR distribution data

Content

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

4. TVB activity

TVB Stock evolution and TVB production



August 2020

GWh/month

Total capacity 59.365

Contracted capacity TVB 14.323

Available capacity 45.042

Commercial regasification 12.873

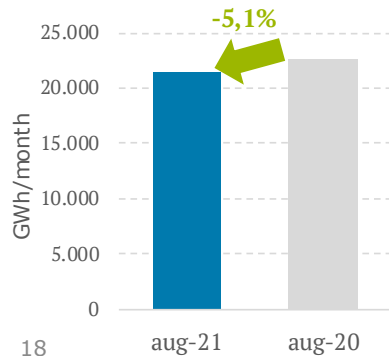
Content

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

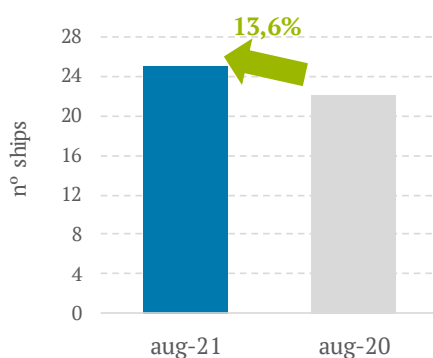
5. Regasification plants activity

GWh	Ships Unloaded			Number of Ships Unloaded			Ships Loaded			LNG Trucks		
	Aug-2021	Aug-2020	%Δ s/2020	Aug-2021	Aug-2020	%Δ s/2020	Aug-2021	Aug-2020	%Δ s/2020	Aug-2021	Aug-2020	%Δ s/2020
BARCELONA	4.154	3.701	12,2%	6	3	100,0%	1.257	39	>100%	253	225	12,5%
HUELVA	5.551	4.737	17,2%	6	5	20,0%	1.978	0	>100%	373	345	8,0%
CARTAGENA	4.083	3.931	3,9%	4	4	0,0%	992	0	>100%	217	169	28,5%
BILBAO	3.910	5.872	-33,4%	4	6	-33,3%	0	0	-	64	66	-3,0%
SAGUNTO	2.680	2.393	12,0%	4	2	100,0%	1.198	0	>100%	179	159	12,4%
MUGARDOS	1.112	2.006	-44,6%	1	2	-50,0%	42	83	-49,4%	88	88	0,3%
Total	21.490	22.640	-5,1%	25	22	13,6%	5.467	122	>100%	1.173	1.052	11,6%

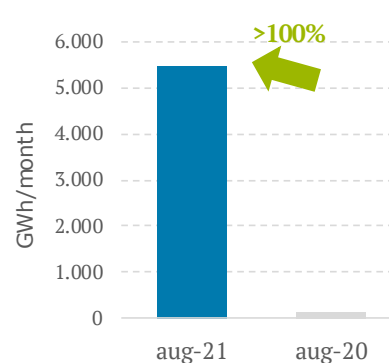
SHIPS UNLOADED



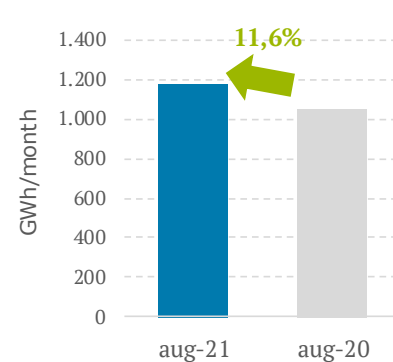
NUMBER OF SHIPS UNLOADED



SHIPS LOADED



LNG TRUCKS



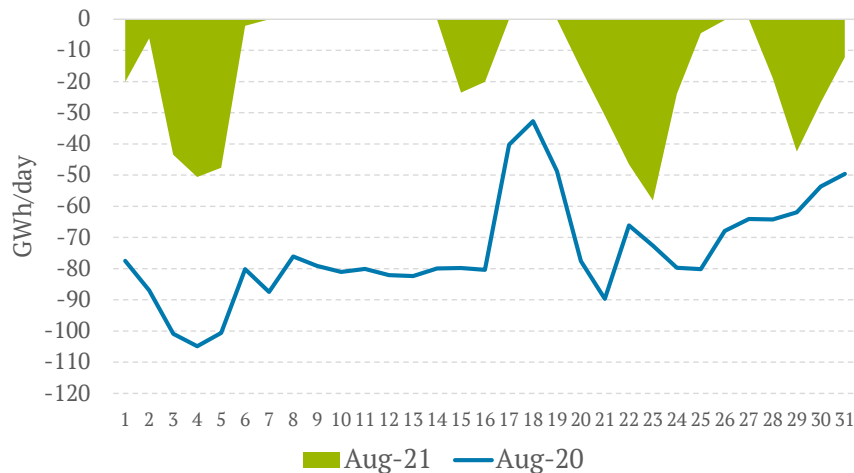
(*) SL-ATR distribution data

Content

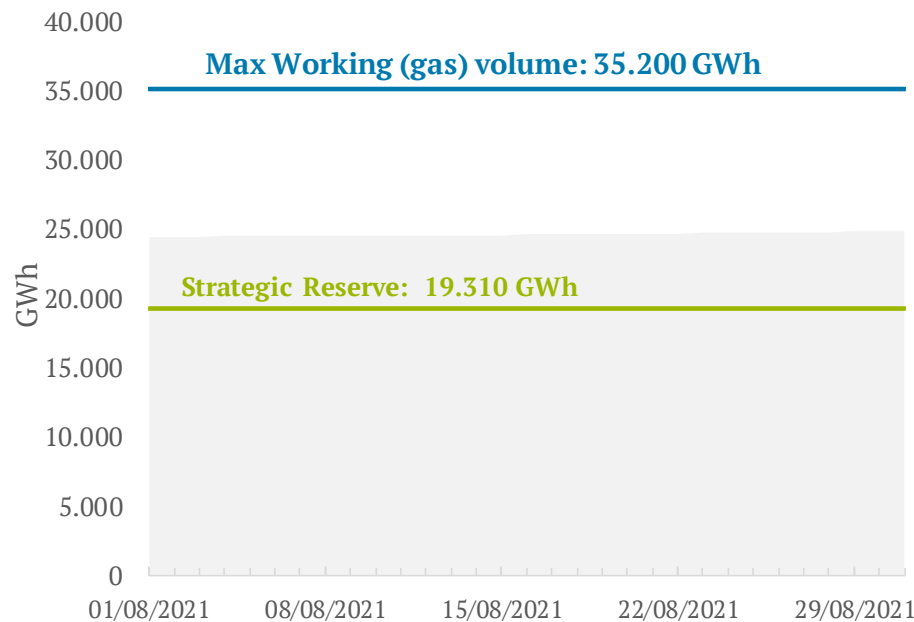
1. Evolution of gas demand
 1. Conventional demand
 2. Power generation
 3. CCAA
2. Demand coverage
 1. Origin of supplies
 2. Interconnection Points
3. Renewable gases
4. TVB activity
5. Regasification Plants activity
- 6. Underground Storage activity**
7. Operating notes and other relevant facts

6. UGS Activity

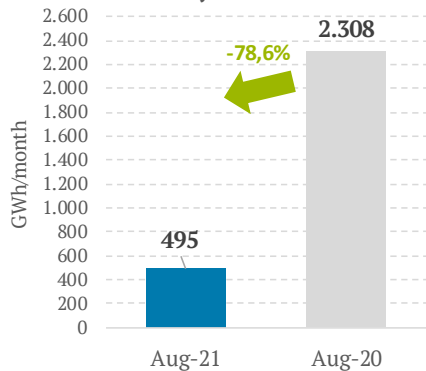
Daily injection August 2021 vs August 2020



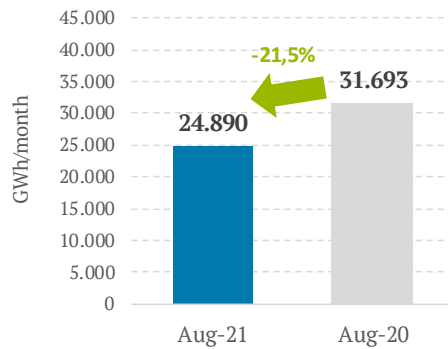
Working (gas) evolution



Inyección



Working (gas) volumes



(*) SL-ATR distribution data

Content

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**

7. Operating notes and other relevant facts

Operating notes:

In August 2021, **no Operation notes** has been published

Relevant facts:

- No relevant facts have been produced this month

Gas system operation and programming

Operation notes

The operating notes are available on this page



https://www.enagas.es/enagas/es/Gestion_Tecnica_Sistema/Operacion_del_Sistema_Gasista/Notas_de_operacion

Thank you

