



ADVANCE



Statistical bulletin

September 2021

Technical Management of the System

GTS_DEMANDA@enagas.es

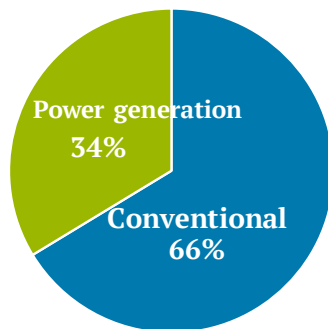
Content

- 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

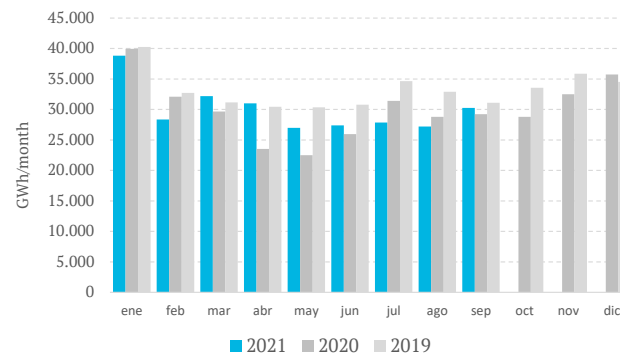
1. Evolution of gas demand

GWh	Monthly accumulated		Annual accumulated		Moving Annual Total	
	Sep-2021	%Δ s/2020	Jan-Sep 2021	%Δ s/2020	MAT: Oct 2020-Sep 2021	%Δ MAT vs 2020
National Market demand	30.263	3,5%	270.078	2,7%	367.103	1,9%
Conventional	20.069	4,2%	211.640	9,0%	288.786	6,5%
Power generation	10.194	2,2%	58.438	-15,3%	78.317	-11,9%
International Market demand	3.899	>100%	29.742	260,1%	34.470	165,4%
International conections exports	1.953	>100%	15.623	>100%	20.073	67,2%
LNG Vessel loading	1.947	>100%	14.119	>100%	14.397	>100%
TOTAL	34.162	13,6%	299.820	10,5%	401.573	7,6%

National market demand September 2021

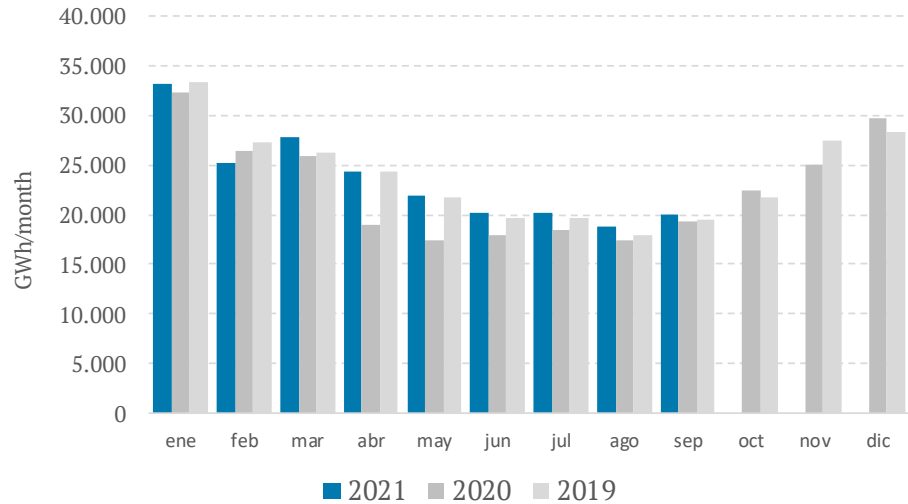


Total Demand

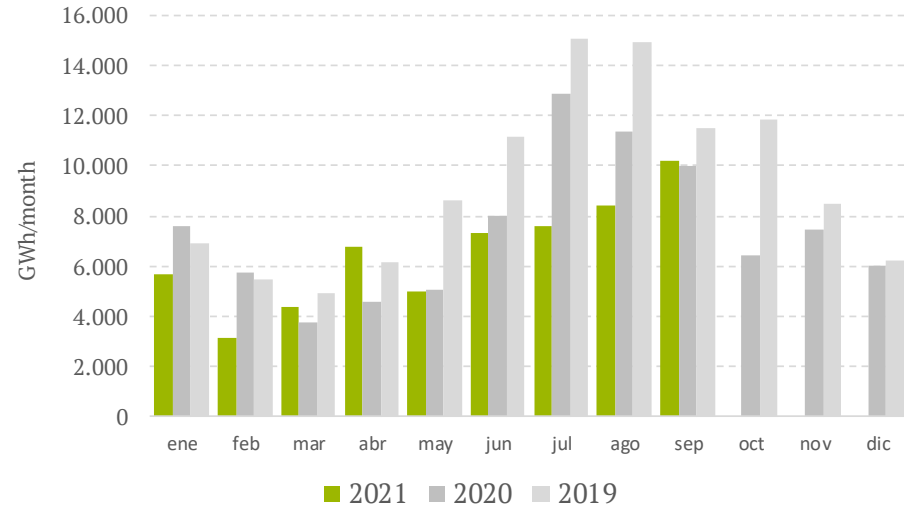


1. Evolution of gas demand

Conventional Demand



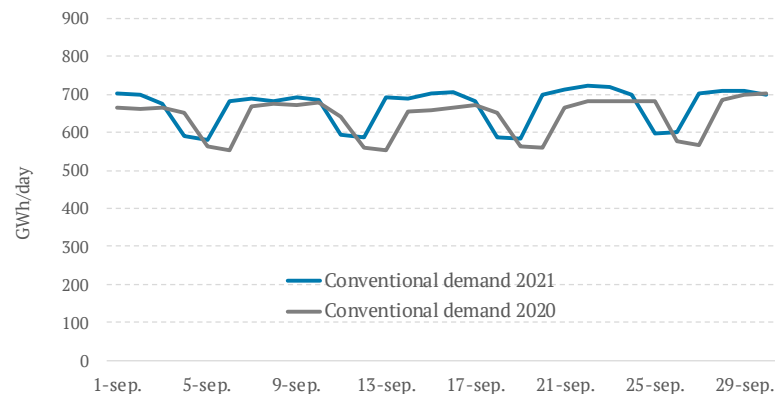
Power Generation



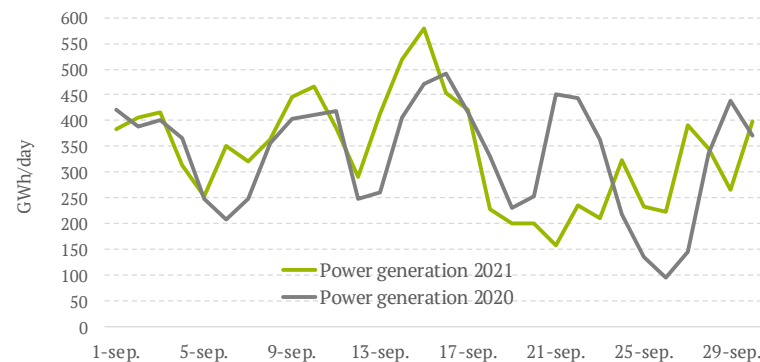
1. Evolution of CCAA gas demand

GWh	CONVENTIONAL DEMAND (without LNG trucks)		POWER GENERATION	
	Sep-2021	%Δ s/Sep 2020	Sep-2021	%Δ s/Sep 2020
CATALUÑA	3.501	10,0%	1.244	-2,2%
ANDALUCIA	2.612	3,8%	1.997	13,3%
VALENCIA	2.632	12,1%	789	-9,5%
PAIS_VASCO	1.577	3,1%	905	69,7%
MURCIA	1.375	-4,8%	1.100	-31,4%
CASTILLA_LEON	1.287	-2,2%	0	
ARAGON	1.193	4,6%	144	-83,2%
GALICIA	946	0,4%	932	104,2%
CASTILLA_MANCHA	798	-14,4%	215	-64,3%
MADRID	973	7,9%	0	
ASTURIAS	503	-0,5%	734	11,1%
NAVARRA	566	-4,2%	1.000	44,4%
CANTABRIA	399	12,2%	0	
LA_RIOJA	96	2,8%	129	-53,1%
EXTREMADURA	357	6,2%	0	
BALEARES	85	127,2%	1.005	160,5%

Conventional demand daily evolution



Power generation daily evolution



1.1 Conventional demand

Demand




Conventional market

+4,2%




More than the previous year

Temperatures



+0,3°C

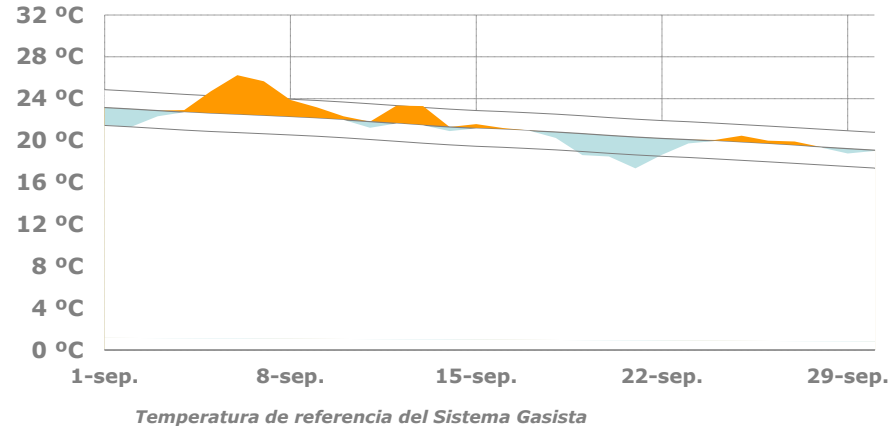


More than the previous year

Calendar and temperature correction

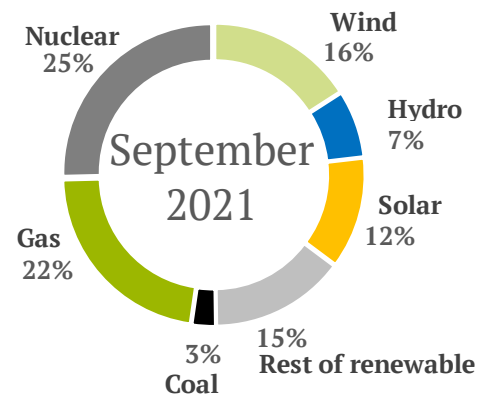
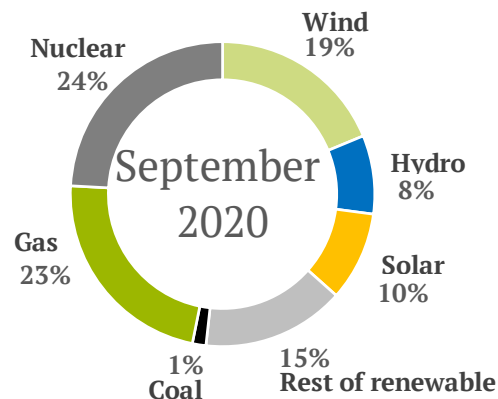
	Conventional demand		Accumulated		MAT	
	Sep 2021 (*)		Sep 2021		Oct 2020-Sep 2021	
Demand	GWh	%21 s/20	GWh	%21 s/20	GWh	% TAM s/20
	20.069	4,2%	211.640	9,0%	288.786	6,5%
Calendar		0,0%		-0,3%		-0,7%
Temperature		0,3%		2,1%		1,5%
Amended demand		3,9%		7,3%		5,6%

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



1.2 Power generation– electricity generation mix

TWh (e)	September 2020	September 2021
Power generation	19,5	19,8
Wind	3,8	3,1
Hydraulic	1,7	1,4
Solar	1,9	2,3
Rest of renewable	3,1	2,8
Cogeneration	2,4	2,2
Others	0,6	0,6
Thermal Gap	4,9	4,8
Coal	0,3	0,5
Gas	4,6	4,3
% gas in TG	94%	90%
Nuclear	4,9	4,9
International balances	-0,6 export	0,6 import

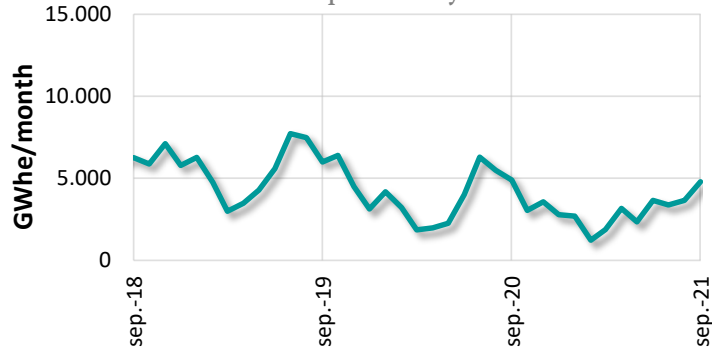


1.2 Power generation – Thermal Gap evolution

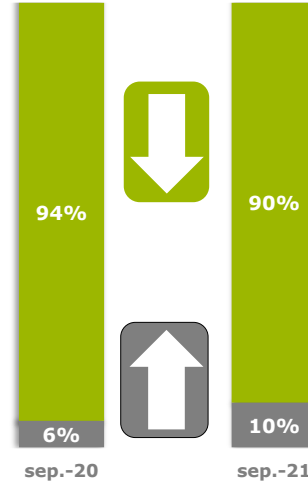
Thermal Gap

-1,9%

Than the previous year



%GAS/COAL



■ Generation gas mix

-9,5 GWh(e)/day

■ Generation coal mix

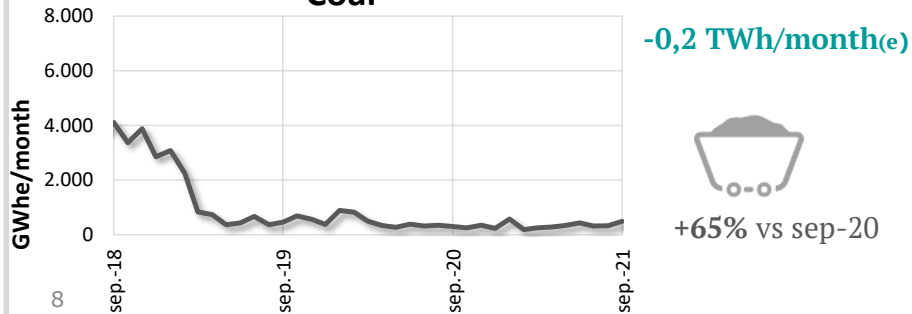
+6,4 GWh(e)/day

Coal

-0,2 TWh/month(e)



+65% vs sep-20

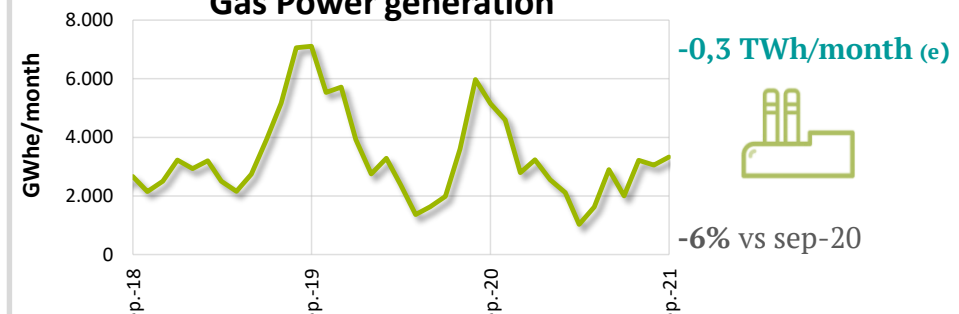


Gas Power generation

-0,3 TWh/month (e)



-6% vs sep-20



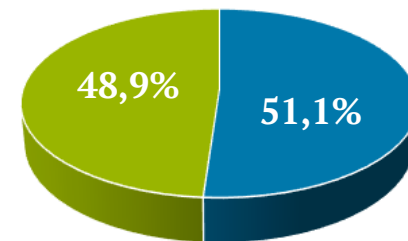
Content

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

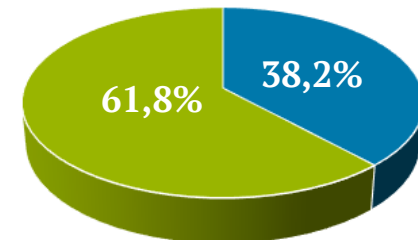
Unit: GWh		Monthly accumulated (*)		Annual accumulated (*)		Moving Annual Total (*)	
		Sep-2021	Sep-2020	Jan-Sep 2021	% s TOTAL	MAT: Oct 2020-Sep 2021	% s TOTAL
Algeria	NG	14.865	10.036	126.623	47,2%	168.586	47,1%
	LNG	1.823	0	15.287		17.276	
France	NG	3.011	2.293	20.046	6,7%	27.015	6,8%
	LNG	0	922	0		0	
Angola	LNG	0	0	0	0,0%	0	0,0%
Cameroon	LNG	0	0	0	0,0%	0	0,0%
United States	LNG	5.920	3.946	32.009	10,6%	43.641	11,1%
Equatorial Guinea	LNG	0	1.032	8.000	2,7%	10.837	2,7%
Nigeria	LNG	2.800	5.641	30.998	10,3%	44.587	11,3%
Norway	LNG	0	924	0	0,0%	0	0,0%
Peru	LNG	0	0	0	0,0%	0	0,0%
Qatar	LNG	4.322	1.757	20.781	6,9%	23.416	5,9%
Russia	LNG	0	5.298	26.668	8,9%	35.693	9,0%
Trinidad	LNG	832	594	13.123	4,4%	15.622	4,0%
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	1.007	0	2.822	0,9%	2.822	0,7%
Portugal	NG	529	28	2.971	1,0%	3.332	0,8%
Papua New Guinea	NG	0	0	168	0,1%	168	0,0%
Spain	NG	926	0	926	0,3%	926	0,2%
National deposits	NG	30	60	288	0,1%	410	0,1%
National Biogas	NG	11	7	77	0,0%	104	0,0%
TOTAL		36.075	32.539	300.787	100%	394.436	100%

September 2021



■ Total NG ■ Total LNG

September 2020

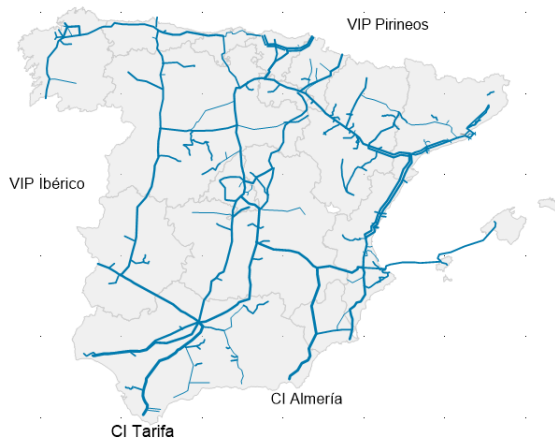
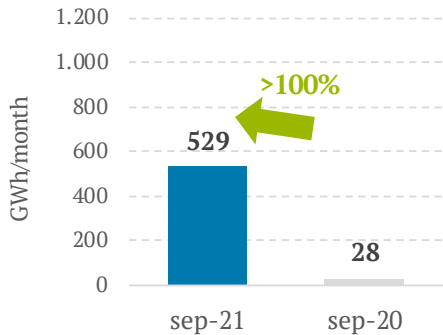


■ Total NG ■ Total LNG

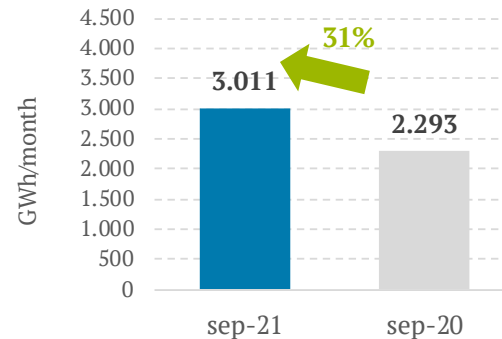
(*) SL-ATR distribution data

2.2 Demand coverage : Interconnection Points

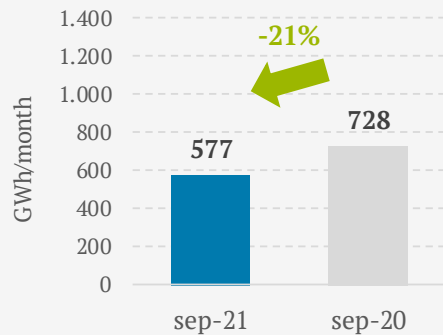
VIP IBÉRICO (imports)



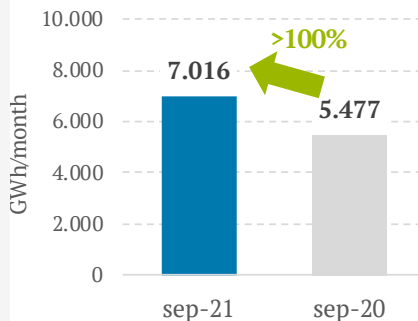
VIP PIRINEOS (imports)



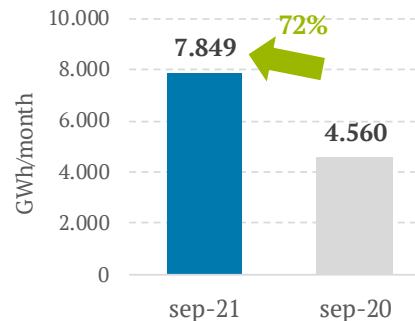
VIP IBÉRICO (exports)



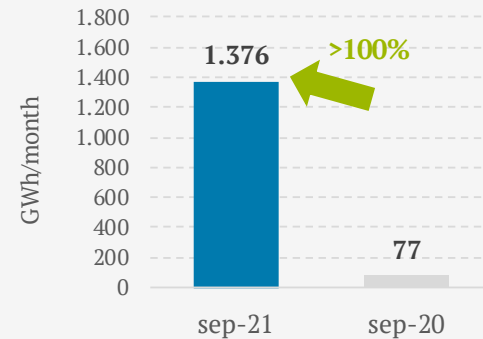
TARIFA



ALMERÍA



VIP PIRINEOS (exports)



2.2 Demand coverage : Interconnection Points

Net Balances (*)

GWh	Monthly accumulated			Annual accumulated		Moving Annual Total	
	Sep-2021	Sep-2020	%Δ s/2020	Jan-Sep 2021	%Δ s/2020	MAT: Oct 2020-Sep 2021	%Δ MAT vs 2020
Tarifa	7.016	5.477	28,1%	61.563	>100%	82.135	101,4%
Almería	7.849	4.560	72,1%	65.060	69,2%	86.451	44,5%
VIP Ibérico	-48	-699	-93,1%	-413	-83,6%	-2.352	-47,3%
VIP Pirineos	1.635	2.216	-26,2%	7.807	-66,5%	12.626	-55,1%
National Deposits	29	58	>100%	297	-12,7%	421	-9,4%
Biogas	8	7	19,1%	73	-2,0%	100	-1,5%
Total	16.489	11.617	41,9%	134.387	68,3%	179.380	43,7%

(+) Entry flows (-) Exit flows

(*) SL-ATR distribution data

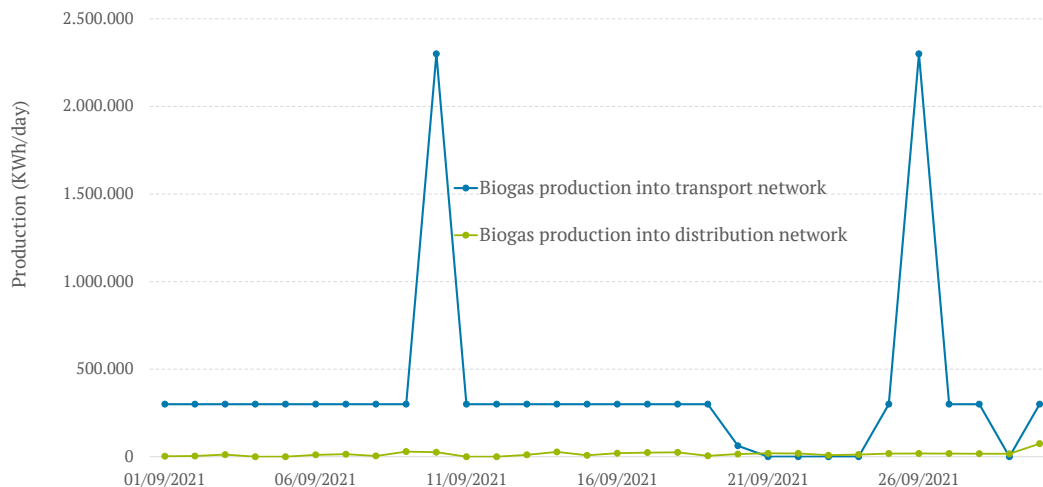
Content

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	
	Sep-2021	Sep-2020	%Δ s/2020	Jan-Sep 2021	%Δ s/2020	MAT: Oct 2020-Sep 2021	%Δ s/2020
BIOGÁS injected into transport network	11,3	6,6	69,9%	77,5	2,0%	104,3	1,5%
BIOGÁS injected into distribution network	0,0	0,0	>100%	0,0	>100%	0,0	>100%
Total	11,3	6,6	69,9%	77,5	2,0%	104,3	1,5%



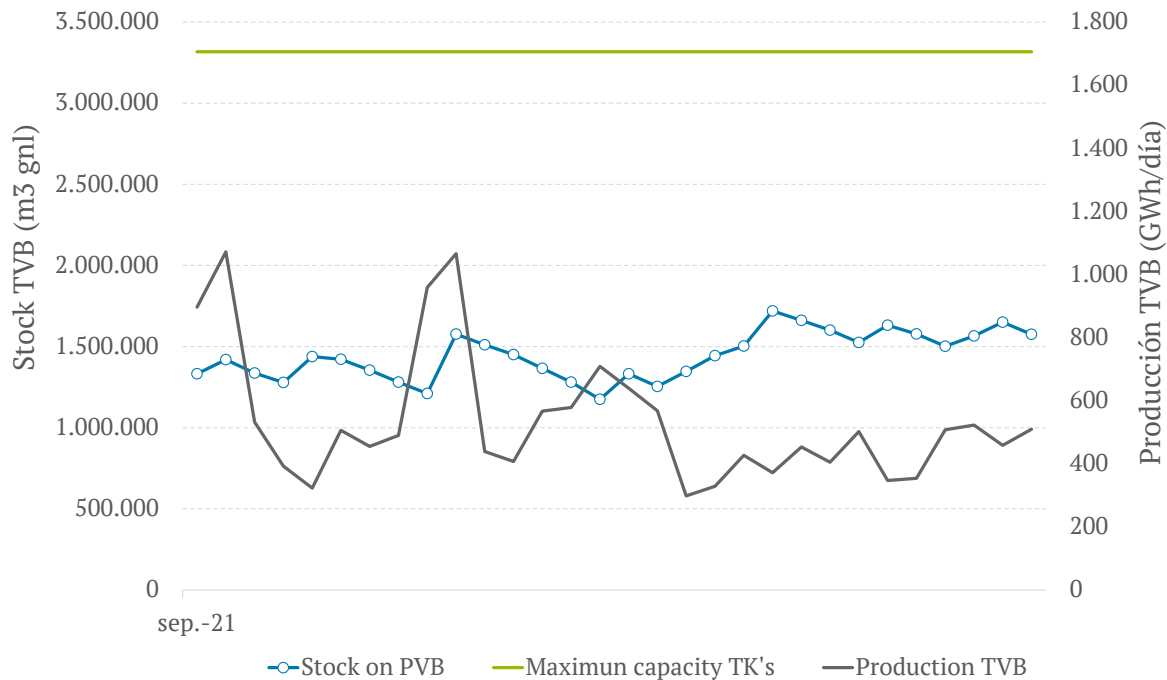
(*) SL-ATR distribution data

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



September 2021	GWh/month
Total capacity	57.450
Contracted capacity TVB	14.294
Available capacity	43.156
Commercial regasification	8.725

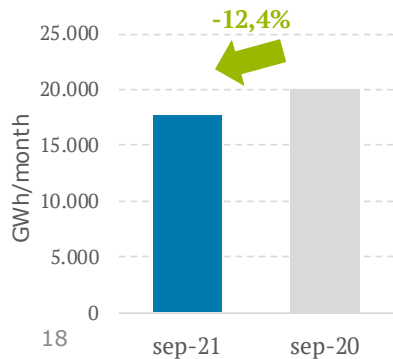
Content

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

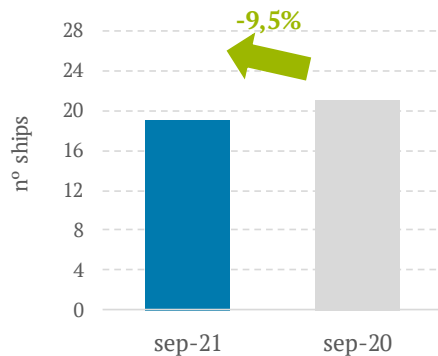
5. Regasification plants activity

GWh	Ships Unloaded			Number of Ships Unloaded			Ships Loaded			LNG Trucks		
	Sep-2021	Sep-2020	%Δ s/2020	Sep-2021	Sep-2020	%Δ s/2020	Sep-2021	Sep-2020	%Δ s/2020	Sep-2021	Sep-2020	%Δ s/2020
BARCELONA	2.693	4.809	-44,0%	3	5	-40,0%	1.005	24	>100%	282	260	8,6%
HUELVA	5.579	3.705	50,6%	6	4	50,0%	941	0	>100%	274	247	10,6%
CARTAGENA	3.769	1.936	94,7%	4	2	100,0%	0	0	>100%	237	203	16,5%
BILBAO	2.759	4.701	-41,3%	3	5	-40,0%	0	0	-	89	97	-7,8%
SAGUNTO	716	2.933	-75,6%	1	3	-66,7%	0	0	>100%	185	179	3,8%
MUGARDOS	2.113	2.030	4,1%	2	2	0,0%	0	0	>100%	102	102	0,0%
Total	17.630	20.114	-12,4%	19	21	-9,5%	1.947	24	>100%	1.169	1.088	7,5%

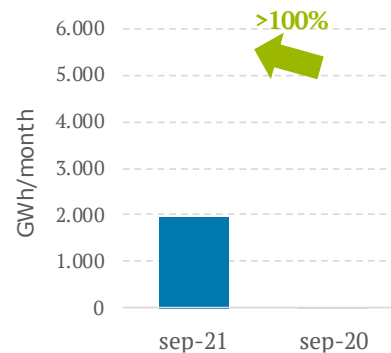
SHIPS UNLOADED



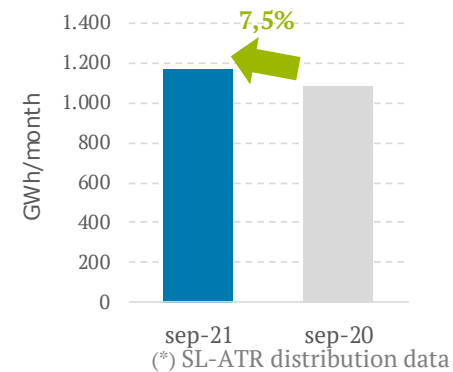
NUMBER OF SHIPS UNLOADED



SHIPS LOADED



LNG TRUCKS

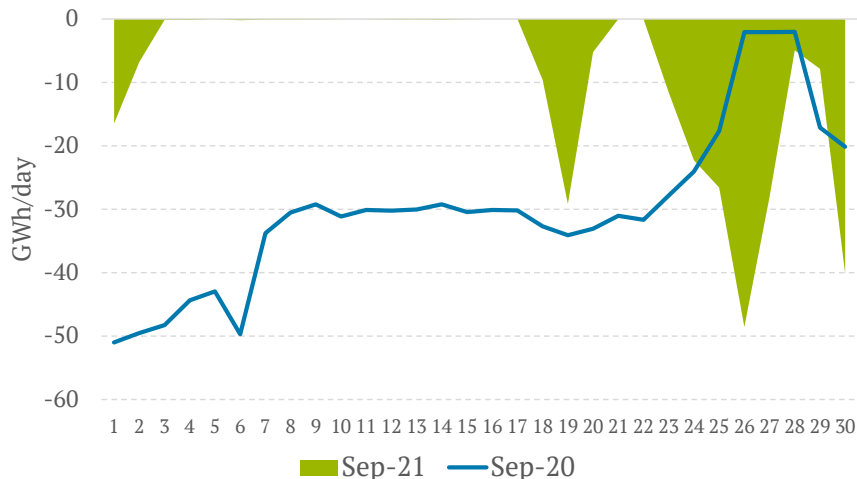


Content

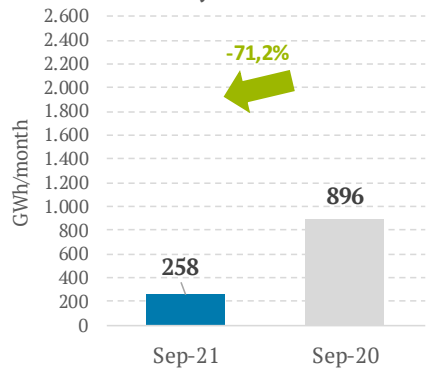
1. Evolution of gas demand
 1. Conventional demand
 2. Power generation
 3. CCAA
2. Demand coverage
 1. Origin of supplies
 2. Interconnection Points
3. Renewable gases
4. TVB activity
5. Regasification Plants activity
- 6. Underground Storage activity**
7. Operating notes and other relevant facts

6. UGS Activity

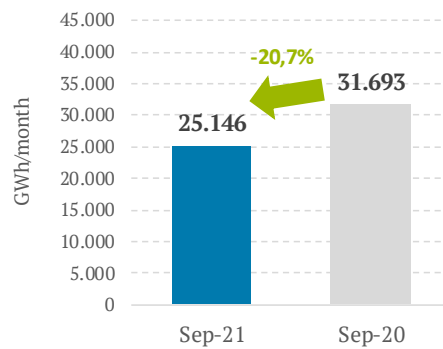
Daily injection September 2021 vs September 2020



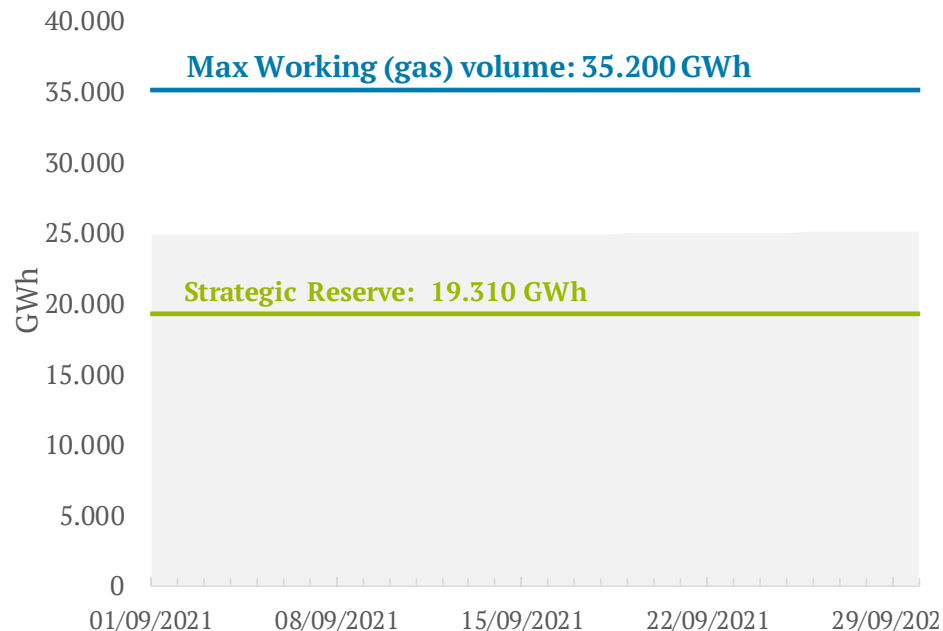
Inyección



Working (gas) volumes



Working (gas) evolution



(*) 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 September 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

