

ADVANCE



Statistical bulletin

January 2021

Technical Management of the System

GTS_DEMANDA@enagas.es

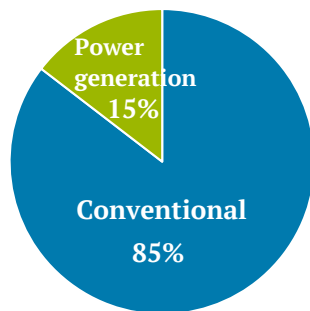
Content

- 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

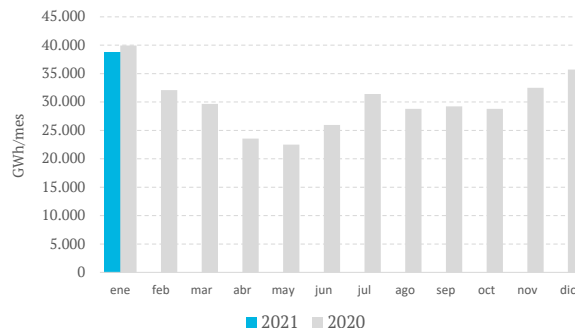
1. Evolution of gas demand

GWh	Monthly accumulated		Annual accumulated		Moving Annual Total	
	Jan-2021	%Δ s/2020	Jan-Jan 2021	%Δ s/2020	MAT: Feb 2020-Jan 2021	%Δ MAT vs 2020
National Market demand	38.819	-2,8%	38.819	-2,8%	358.917	-0,3%
Conventional	33.161	2,5%	33.161	2,5%	271.955	0,3%
Power generation	5.657	-25,3%	5.657	-25,3%	86.962	-2,2%
International Market demand	1.788	0,1%	1.788	0,1%	12.990	0,0%
International connections exports	450	-71,9%	450	-71,9%	10.852	-9,6%
LNG Vessel loading	1.338	>100%	1.338	628,7%	2.138	117,3%
TOTAL	40.606	-2,7%	40.606	-2,7%	371.907	-0,3%

National market demand January 2021

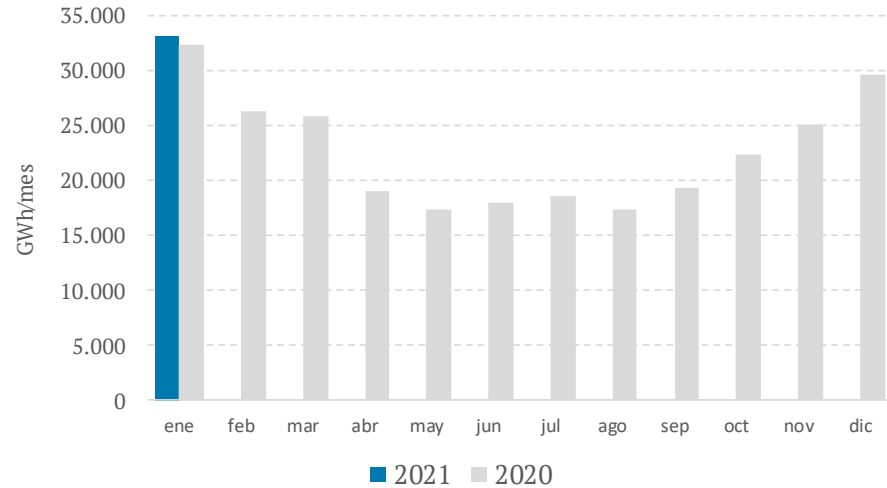


Total Demand

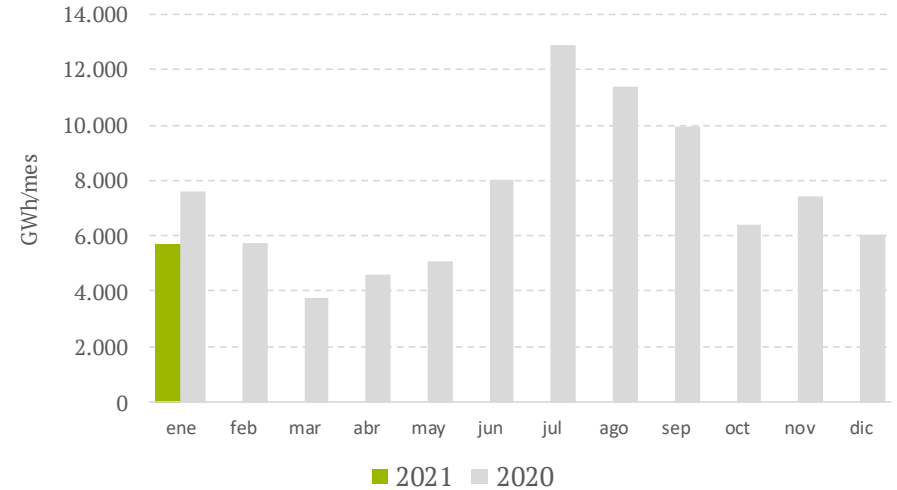


1. Evolution of gas demand

Conventional Demand



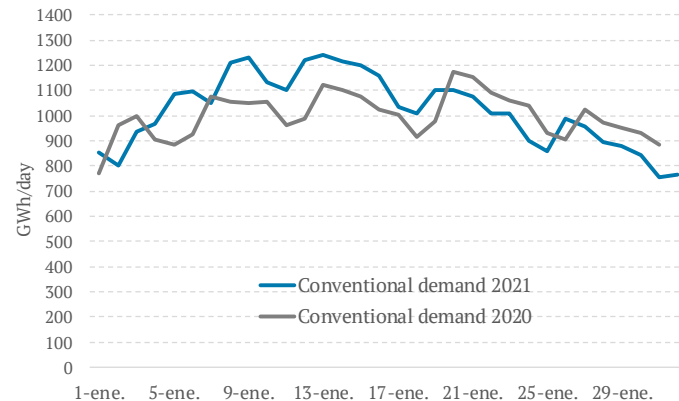
Power Generation



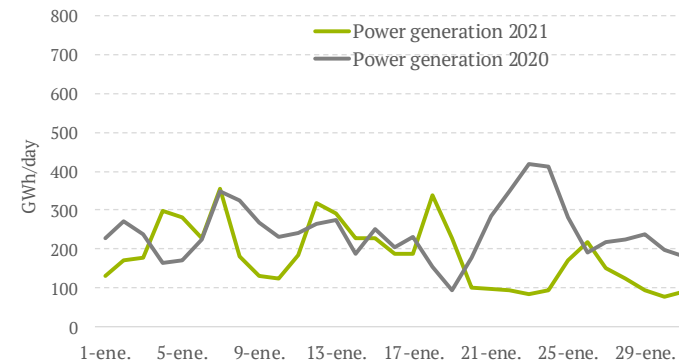
1. Evolution of CCAA gas demand

GWh	CONVENTIONAL DEMAND (without LNG trucks)		POWER GENERATION	
	Jan-2021	%Δ s/Jan 2020	Jan-2021	%Δ s/Jan 2020
CATALUÑA	6.387	2,6%	895	-29,4%
ANDALUCIA	2.870	-6,9%	1.094	-24,7%
VALENCIA	2.884	4,9%	535	-26,5%
PAIS_VASCO	2.707	5,6%	362	-35,7%
MURCIA	1.532	-1,7%	470	-43,9%
CASTILLA_LEON	2.745	4,0%	0	
ARAGON	1.841	-3,0%	32	-85,7%
GALICIA	1.335	-0,5%	590	31,3%
CASTILLA_MANCHA	1.494	-2,0%	271	-29,6%
MADRID	5.102	16,4%	0	
ASTURIAS	866	5,5%	256	-32,2%
NAVARRA	809	2,3%	192	-58,7%
CANTABRIA	522	-14,8%	0	
LA RIOJA	375	-21,3%	254	44,2%
EXTREMADURA	245	12,7%	0	
BALEARES	117	5,8%	707	9,1%

Conventional demand daily evolution



Power generation daily evolution



1.1 Conventional demand

Demand




Conventional market

+2,5%

More than the previous year

Temperatures



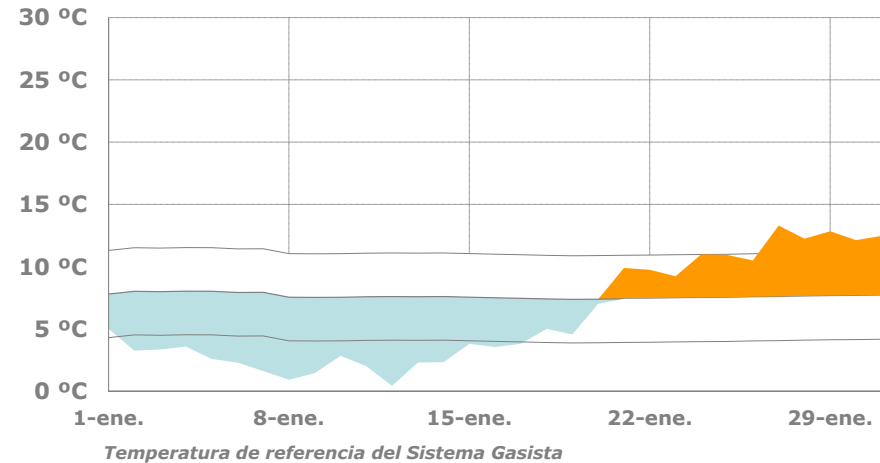
-1,9°C

Less than the previous year

Calendar and temperature correction

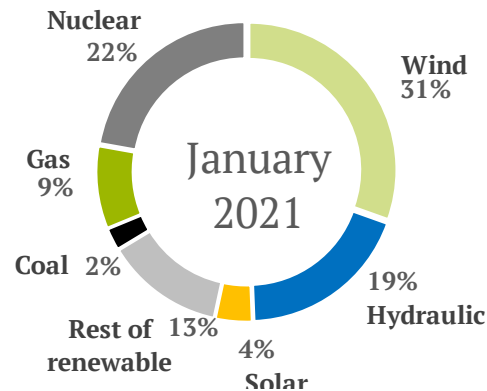
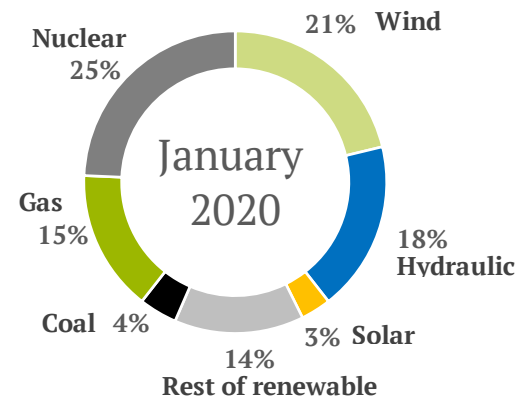
	Conventional demand		Accumulated		MAT	
	January 2021 (*)		January 2021		February 2020-January 2021	
Demand	GWh	%21 s/20	GWh	%21 s/20	GWh	% TAM s/19
	33.161	2,5%	33.161	2,5%	271.955	0,3%
Calendar		-4,0%		-2,0%		-0,2%
Temperature		6,7%		6,7%		0,8%
Amended demand		-0,2%		-2,3%		-0,3%

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



1.2 Power generation– electricity generation mix

TWh (e)	Jan 2020	Jan 2021
Power generation	22,7	22,9
Wind	4,6	7,1
Hydraulic	4,0	4,4
Solar	0,7	0,9
Rest of renewable	3,0	3,0
Cogeneration	2,4	2,4
Others	0,6	0,6
Thermal Gap	4,2	2,7
Coal	0,9	0,6
Gas	3,3	2,1
% gas in TG	79%	79%
Nuclear	5,3	5,2
International balances	1,5	0,3
	import	export

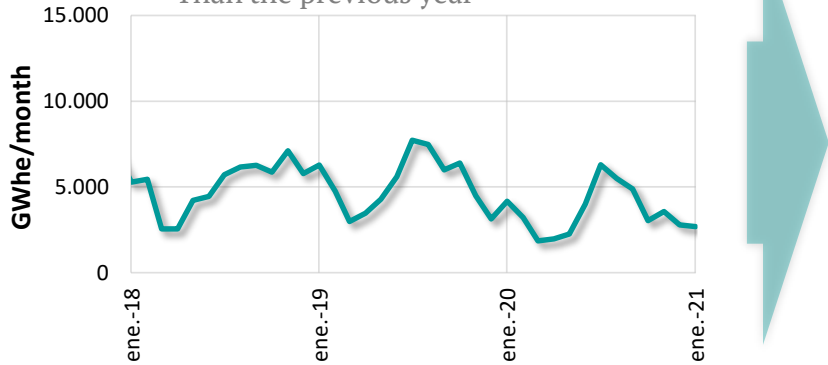


1.2 Power generation – Thermal Gap evolution

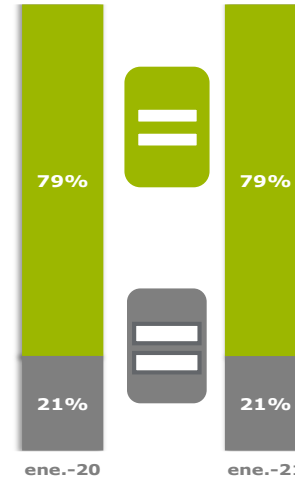
Thermal Gap

-36%

Than the previous year



%GAS/COAL



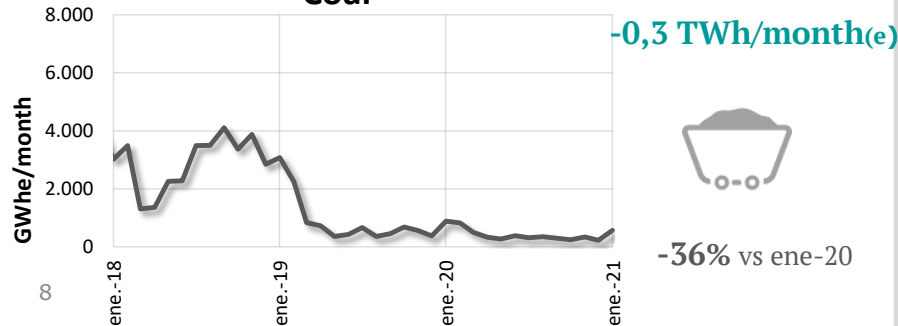
■ Generation gas mix

-38 GWh(e)/day

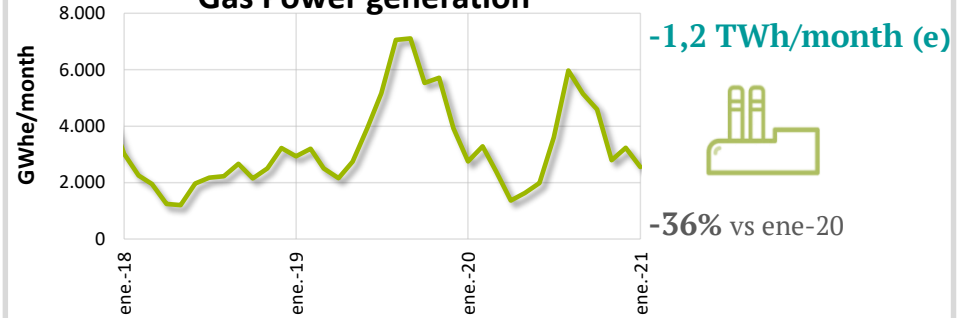
■ Generation coal mix

-10 GWh(e)/day

Coal



Gas Power generation



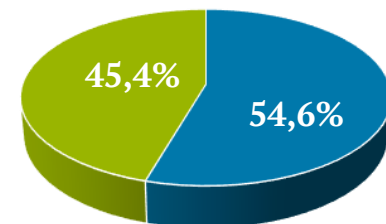
Content

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

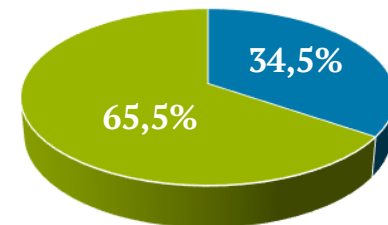
Unit: GWh		Monthly accumulated (*)		Annual accumulated (*)		Moving Annual Total (*)	
		Jan-2021	Jan-2020	Jan-Jan 2021	% s TOTAL	MAT: Feb 2020-Jan 2021	% s TOTAL
Algeria	NG	13.919	6.631	26.384	45,7%	112.771	32,9%
	LNG	495	0	3.380		8.464	
France	NG	581	3.162	6.672	10,2%	34.174	9,8%
	LNG	0	0	0		1.804	
Angola	LNG	0	0	0	0,0%	3.035	0,8%
Cameroon	LNG	0	0	0	0,0%	956	0,3%
United States	LNG	2.203	7.917	4.164	6,4%	48.981	13,3%
Equatorial Guinea	LNG	0	2.020	997	1,5%	8.585	2,3%
Nigeria	LNG	2.837	1.827	5.596	8,6%	45.956	12,5%
Norway	LNG	0	942	0	0,0%	4.578	1,2%
Peru	LNG	0	0	0	0,0%	1.875	0,5%
Qatar	LNG	1.788	1.438	3.588	5,5%	30.758	8,3%
Russia	LNG	5.434	1.093	8.074	12,4%	41.832	11,3%
Trinidad	LNG	2.831	3.565	4.674	7,2%	20.581	5,6%
Oman	LNG	0	0	0	0,0%	0	0,0%
Belgium	LNG	0	0	0	0,0%	0	0,0%
Argentina	LNG	0	472	0	0,0%	375	0,1%
Egypt	LNG	0	0	913	1,4%	1.881	0,5%
Portugal	NG	209	229	567	0,9%	1.817	0,5%
National deposits	NG	31	47	70	0,1%	429	0,1%
National Biogas	NG	7	8	17	0,0%	102	0,0%
TOTAL		30.334	29.350	65.098	100%	368.955	100%

January 2021



■ Total NG ■ Total LNG

January 2020

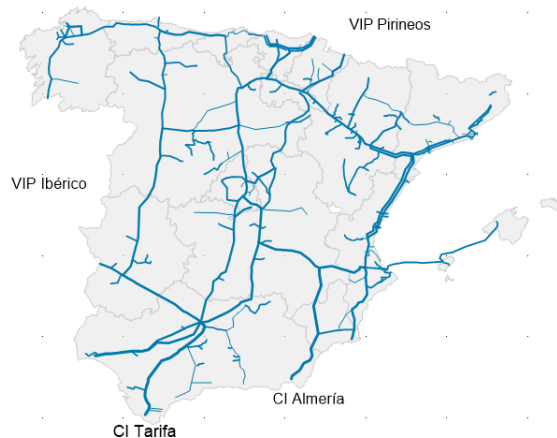
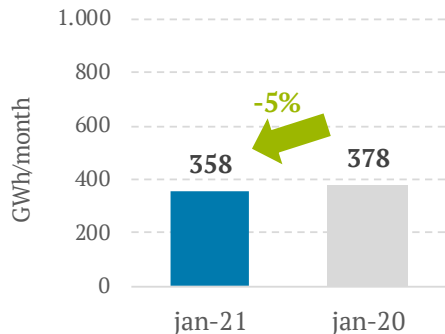


■ Total NG ■ Total LNG

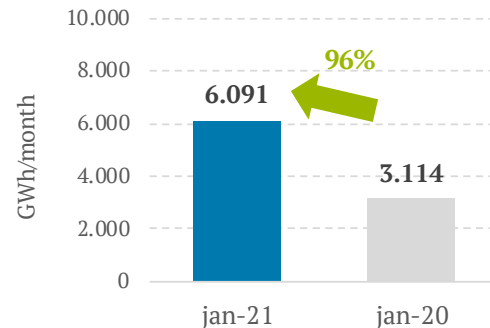
(*) SL-ATR distribution data

2.2 Demand coverage : Interconnection Points

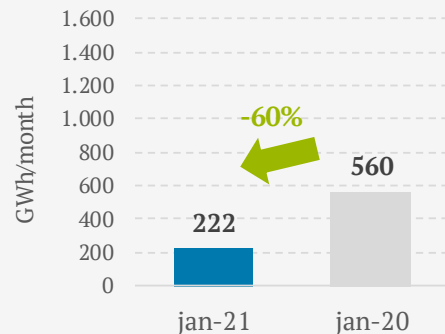
VIP IBÉRICO (imports)



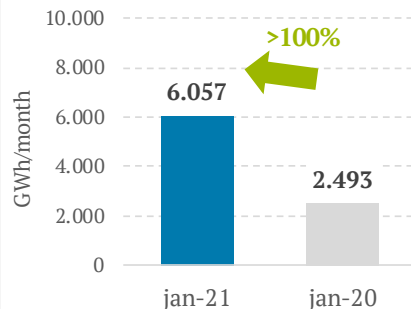
VIP PIRINEOS (imports)



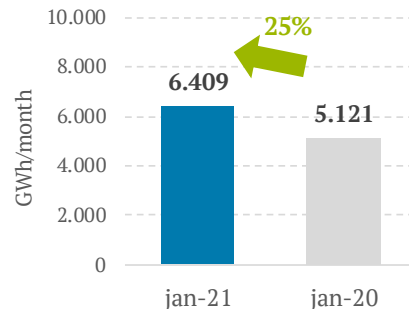
VIP IBÉRICO (exports)



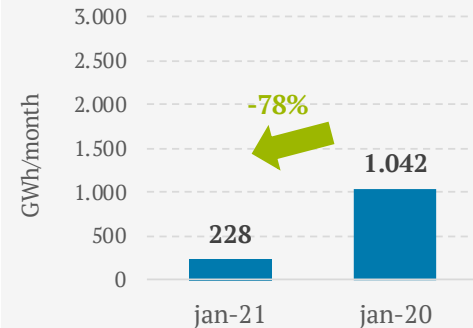
TARIFA



ALMERÍA



VIP PIRINEOS (exports)



2.2 Demand coverage : Interconnection Points

Net Balances (*)

GWh	Monthly accumulated			Annual accumulated		Moving Annual Total	
	Jan-2021	Jan-2020	%Δ s/2020	Jan-Jan 2021	%Δ s/2020	MAT: Feb 2020-Jan 2021	%Δ MAT vs 2020
Tarifa	6.057	2.493	>100%	6.057	>100%	44.349	8,7%
Almería	6.409	5.121	25,2%	6.409	25,2%	61.135	2,2%
VIP Ibérico	136	-182	<100%	136	<100%	-4.143	-7,1%
VIP Pirineos	5.863	2.072	>100%	5.863	>100%	31.882	13,5%
National Deposits	40	59	-33,1%	40	-33,1%	445	-4,2%
Biogas	10	11	-5,0%	10	-5,0%	102	-0,5%
Total	18.515	9.575	93,4%	18.515	93,4%	133.770	7,2%

(+) Entry flows (-) Exit flows

(*) SL-ATR distribution data

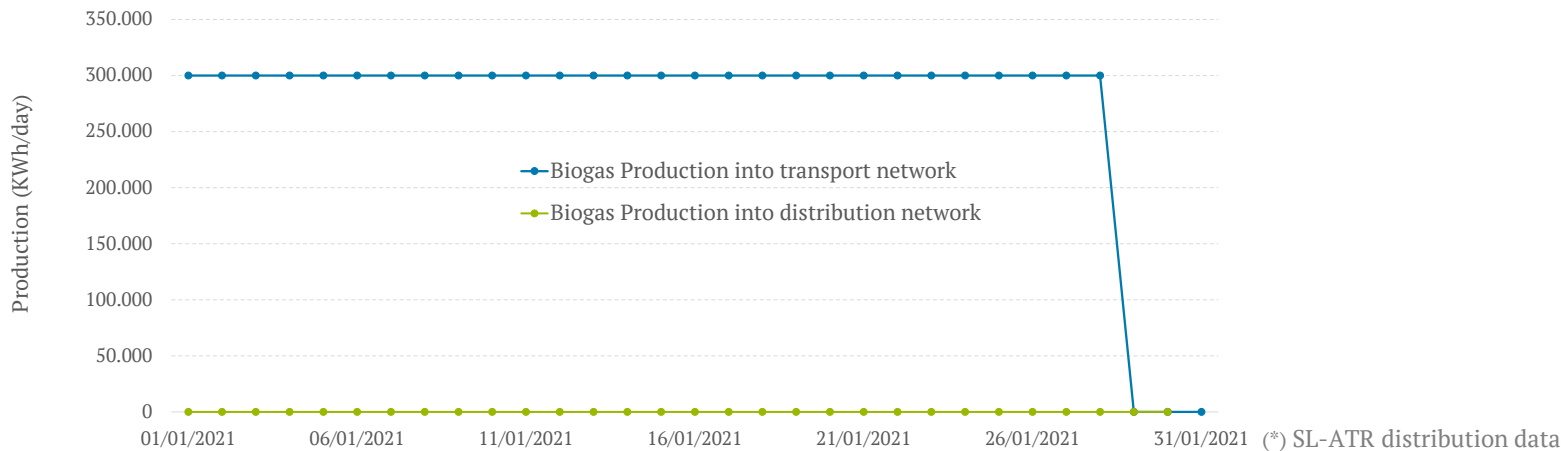
Content

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	
	Jan-2021	Jan-2020	%Δ s/2020	Jan-Jan 2021	%Δ s/2020	MAT: Feb 2020-Jan 2021	%Δ s/2020
BIOGÁS injected into transport network	10,4	11,0	-5,0%	10,4	-5,0%	102,2	-0,5%
BIOGÁS injected into distribution network	0,0	0,1	-100,0%	0,0	-100,0%	0,5	-12,9%
Total	10,4	11,0	-5,7%	10,4	-5,7%	102,7	-0,6%

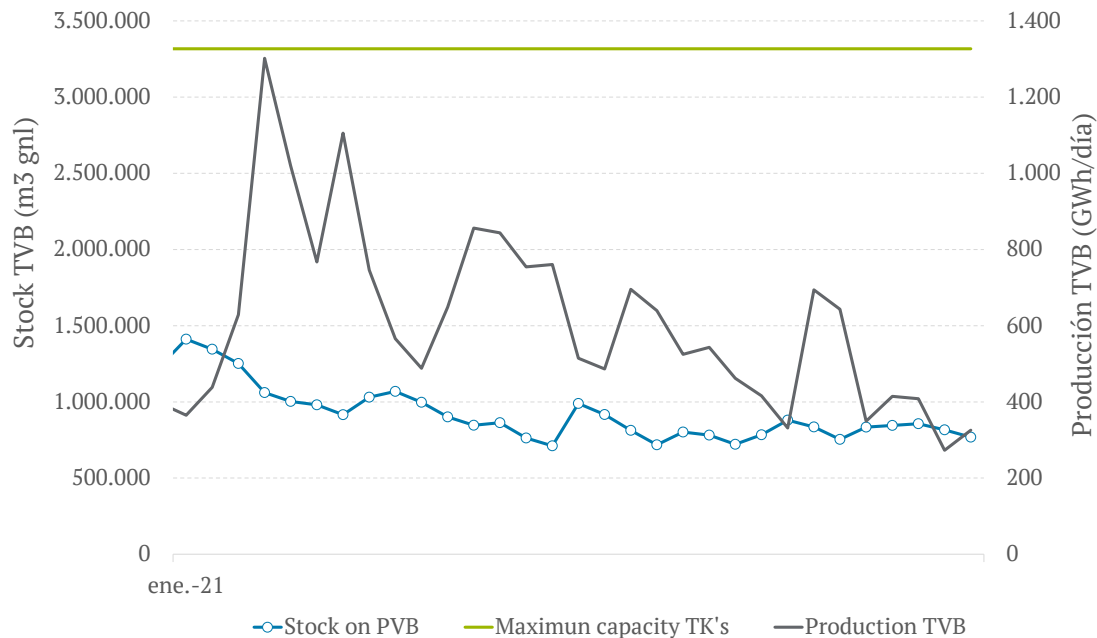


Content

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



January 2020

GWh/month

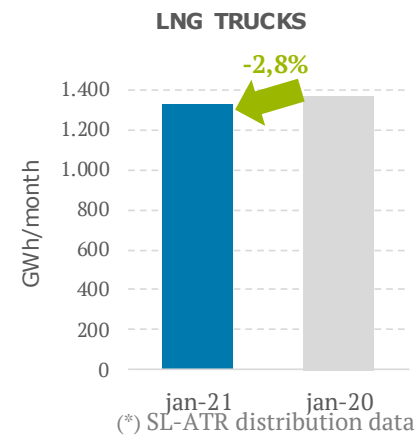
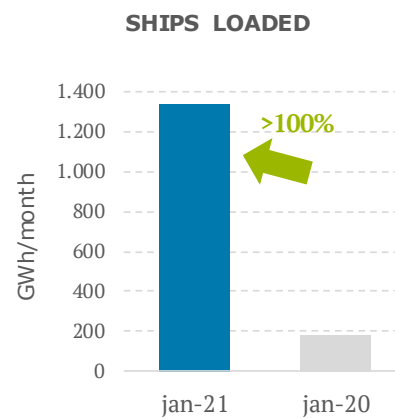
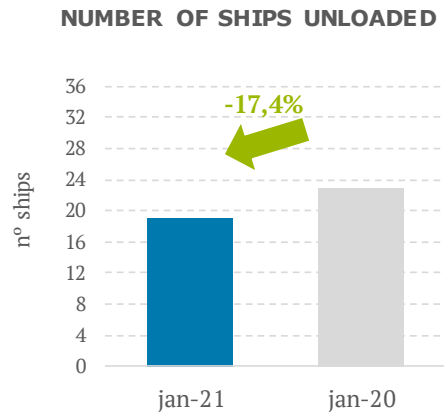
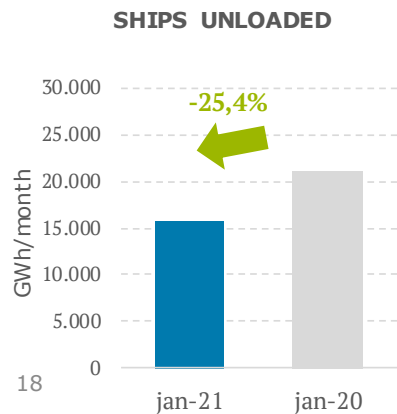
Total capacity	57.450
Contracted capacity TVB	18.713
Available capacity	38.737
Commercial regasification	16.226

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		
	Jan-2021	Jan-2020	%Δ s/Jan 2020	Jan-2021	Jan-2020	%Δ s/Jan 2020	Jan-2021	Jan-2020	%Δ s/Jan 2020	Jan-2021	Jan-2020	%Δ s/Jan 2020
BARCELONA	1.848	5.655	-67,3%	2	6	-66,7%	46	78	-42%	320	334	-4,4%
HUELVA	2.840	4.451	-36,2%	3	5	-40,0%	930	53	>100%	272	267	1,7%
CARTAGENA	2.811	3.147	-10,7%	5	4	25,0%	349	0	>100%	301	303	-0,8%
BILBAO	3.752	7.095	-47,1%	4	7	-42,9%	0	0	>100%	112	125	-10,6%
SAGUNTO	1.986	0	>100%	3	0	>100%	0	52	<100%	193	196	-1,6%
MUGARDOS	2.561	838	>100%	2	1	100,0%	13	0	>100%	133	143	-7,0%
Total	15.799	21.186	-25,4%	19	23	-17,4%	1.338	184	>100%	1.330	1.369	-2,8%

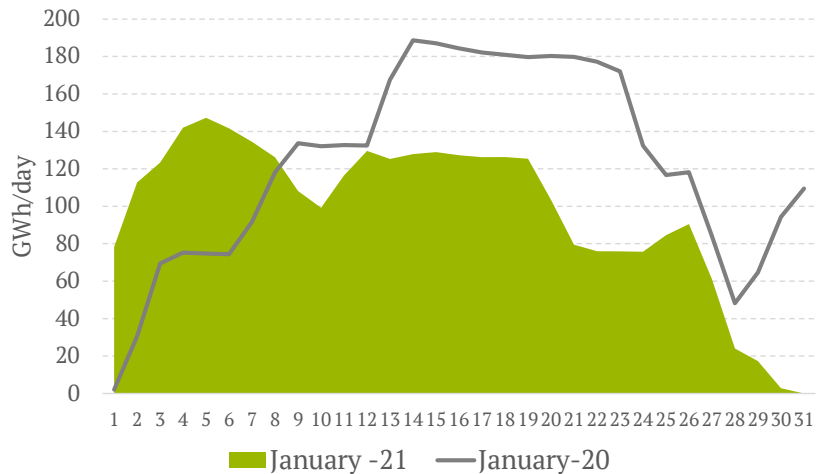


Content

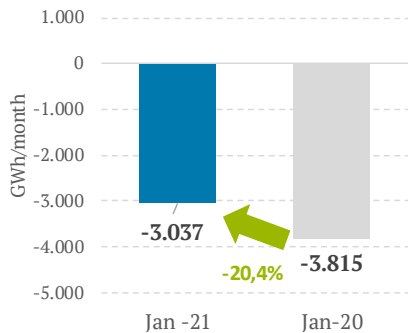
1. Evolution of gas demand
 1. Conventional demand
 2. Power generation
 3. CCAA
2. Demand coverage
 1. Origin of supplies
 2. Interconnection Points
3. Renewable gases
4. TVB activity
5. Regasification Plants activity
- 6. Underground Storage activity**
7. Operating notes and other relevant facts

6. UGS Activity

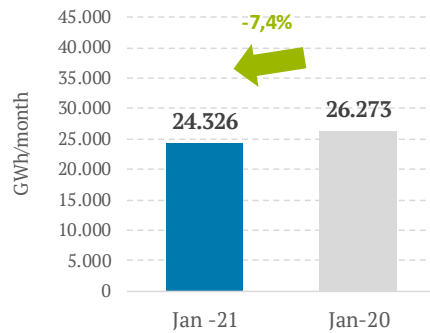
Daily withdrawal January 2021 vs January 2020



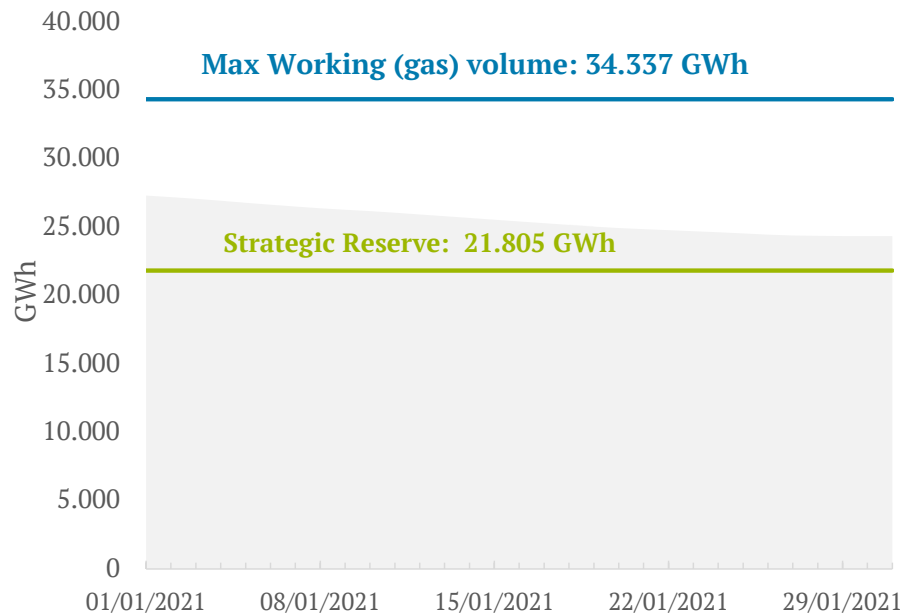
Withdrawal



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 January 2021, **three Operation notes** have been published:

- ❖ nota de operación n°1 related **Vessel drift**
- ❖ nota de operación n°2 related **Reduction of Winter reserve obligation**
- ❖ nota de operación n° 6 related **Continuation and Final Cold Snap**

Gas system operation and programming

Operation notes

The operating notes are available on this page



Relevant facts:

- No relevant facts have been produced this month

Thank you

