



ADVANCE



Statistical bulletin

May 2021

Technical Management of the System

GTS_DEMANDA@enagas.es

Content

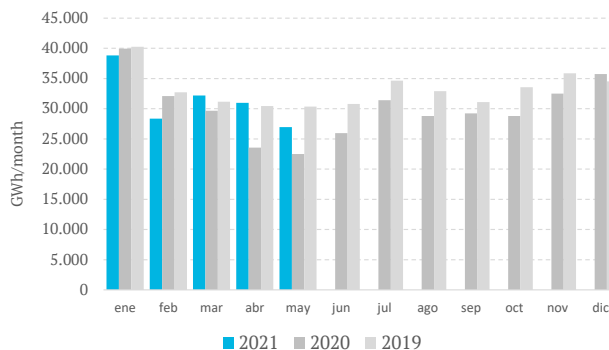
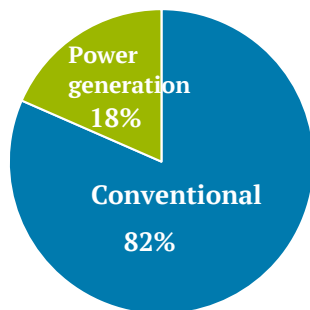
- 1. Evolution of gas demand**
 - 1. Conventional demand**
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7. Operating notes and other relevant facts

1. Evolution of gas demand

GWh	Monthly accumulated		Annual accumulated		Moving Annual Total	
	May-2021	%Δ s/2020	Jan-May 2021	%Δ s/2020	MAT: Jun 2020-May 2021	%Δ MAT vs 2020
National Market demand	26.953	19,9%	157.260	6,5%	369.670	2,7%
Conventional	21.984	26,3%	132.393	9,4%	282.637	4,2%
Power generation	4.970	-2,0%	24.867	-7,0%	87.033	-2,1%
International Market demand	3.279	>100%	10.888	183,0%	20.029	54,2%
International conexions exports	2.126	73,5%	8.165	>100%	16.776	39,8%
LNG Vessel loading	1.153	>100%	2.723	>100%	3.253	>100%
TOTAL	30.232	27,0%	168.149	11,0%	389.699	4,4%

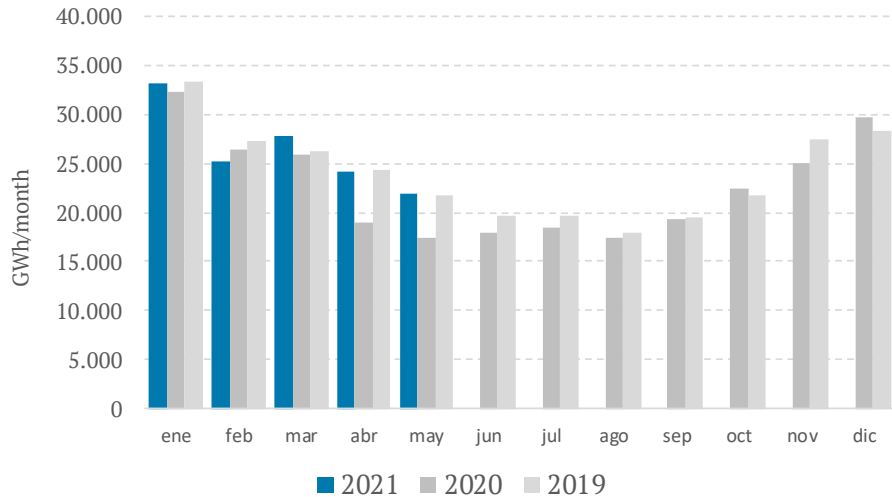
Total Demand

National market demand May 2021

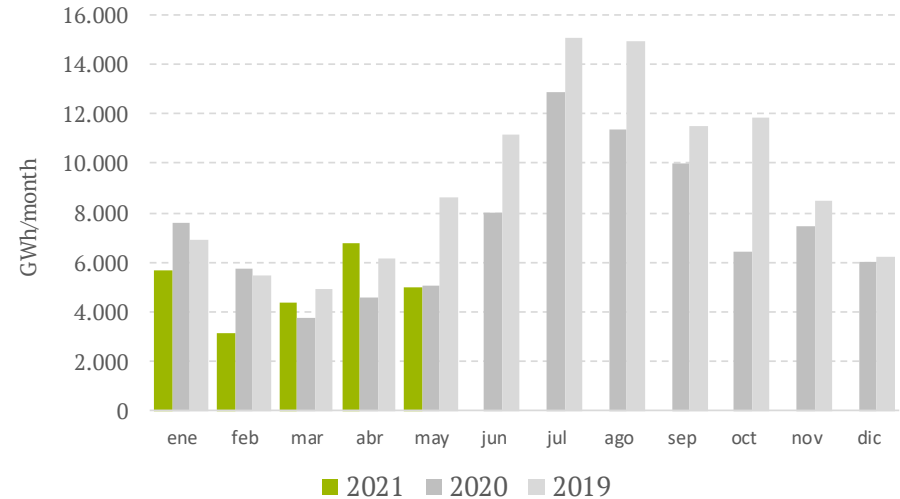


1. Evolution of gas demand

Conventional Demand



Power Generation



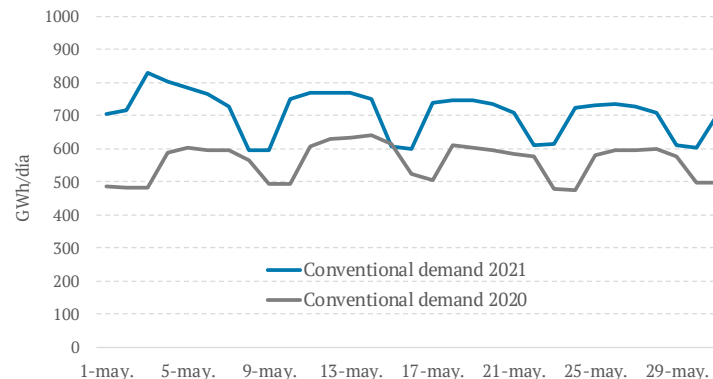
1. Evolution of CCAA gas demand

CONVENTIONAL DEMAND (without LNG trucks)

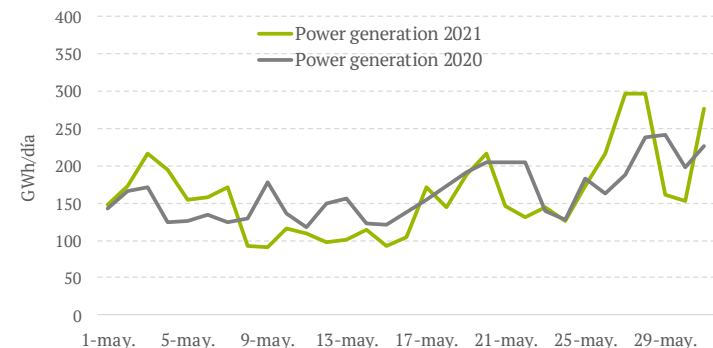
POWER GENERATION

GWh	CONVENTIONAL DEMAND (without LNG trucks)		POWER GENERATION	
	May-2021	%Δ s/May 2020	May-2021	%Δ s/May 2020
CATALUÑA	3.826	26,9%	722	-3,4%
ANDALUCIA	2.801	15,8%	1.082	52,7%
VALENCIA	2.723	34,0%	209	-66,2%
PAIS_VASCO	1.867	49,9%	275	-47,7%
MURCIA	1.570	44,6%	730	-0,2%
CASTILLA_LEON	1.517	15,4%	219	36,2%
ARAGON	1.275	26,8%	6	-96,2%
GALICIA	1.037	13,2%	535	33,5%
CASTILLA_MANCHA	840	2,2%	0	
MADRID	1.331	24,4%	0	
ASTURIAS	626	28,4%	246	-21,7%
NAVARRA	660	44,6%	312	>100%
CANTABRIA	420	14,0%	0	
LA_RIOJA	114	27,5%	90	>100%
EXTREMADURA	152	15,7%	0	
BALEARES	61	68,0%	544	0,4%

Conventional demand daily evolution



Power generation daily evolution



1.1 Conventional demand

Demand



Conventional market

+26,3%

More than the previous year

Temperatures



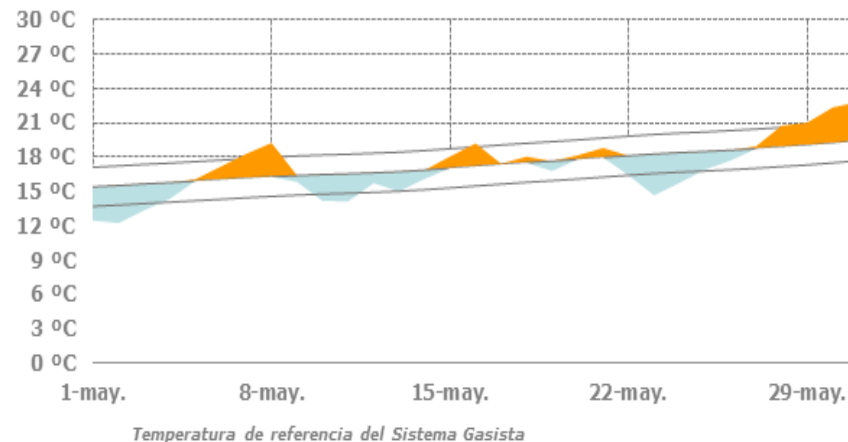
-2,1°C

Less than the previous year

Calendar and temperature correction

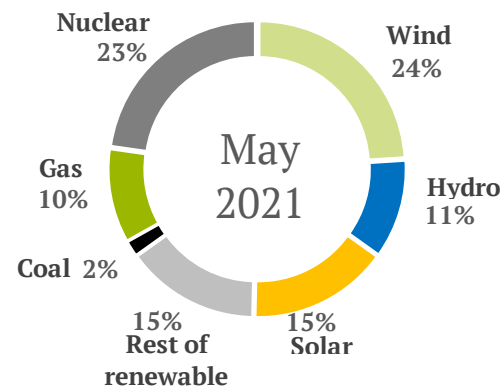
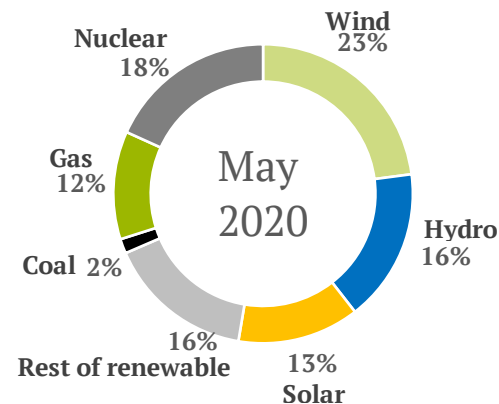
Demand	Conventional demand		Accumulated		MAT	
	May 2021 (*)		May 2021		June 2020-May 2021	
	GWh	%21 s/20	GWh	%21 s/20	GWh	% TAM s/20
	21.984	26,3%	132.393	9,4%	282.637	4,2%
Calendar		3,5%		-0,5%		0,0%
Temperature		4,4%		3,1%		1,4%
Amended demand		18,3%		6,8%		2,8%

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



1.2 Power generation– electricity generation mix

TWh (e)	May 2020	May 2021
Power generation	17,4	19,3
Wind	3,9	4,6
Hydraulic	2,8	2,1
Solar	2,2	3,0
Rest of renewable	2,7	2,8
Cogeneration	2,1	2,2
Others	0,6	0,6
Thermal Gap	2,3	2,3
Coal	0,3	0,3
Gas	2,0	2,0
% gas in TG	88%	86%
Nuclear	3,1	4,4
International balances	0,7	0,3
	import	import

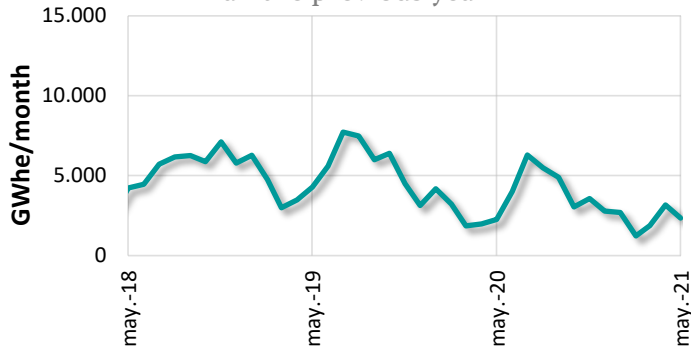


1.2 Power generation – Thermal Gap evolution

Thermal Gap

+4%

Than the previous year



%GAS/COAL



■ Generation gas mix

+0,6 GWh(e)/day

■ Generation coal mix

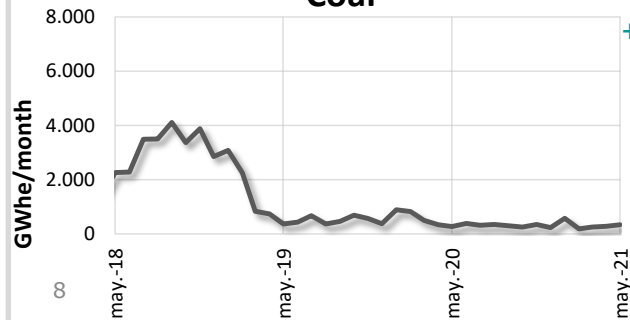
+2,2 GWh(e)/day

Coal

+0,07 TWh/month(e)



+26% vs may-20

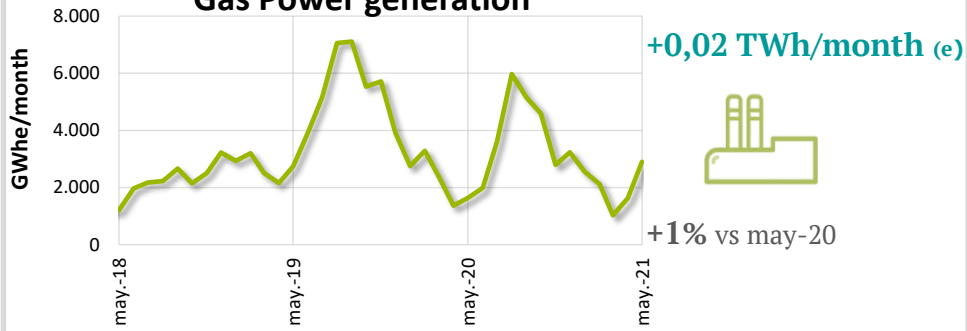


Gas Power generation

+0,02 TWh/month (e)



+1% vs may-20



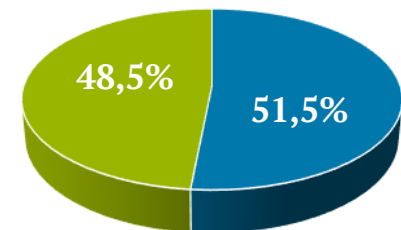
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1. Evolution of gas demand
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 1. **Origin of supplies**
 2. **Interconnection Points**
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7. Operating notes and other relevant facts

2.1 Demand coverage: Origin of supplies

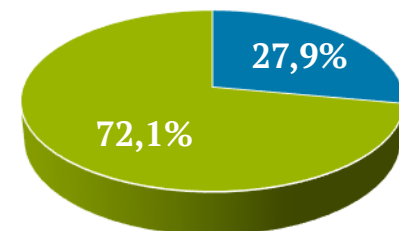
Unit: GWh		Monthly accumulated (*)		Annual accumulated (*)		Moving Annual Total (*)	
		May-2021	May-2020	Jan-May 2021	% s TOTAL	MAT: Jun 2020-May 2021	% s TOTAL
Algeria	NG	15.635	5.025	70.806	47,6%	142.353	40,0%
	LNG	2.488	0	7.732		12.320	
France	NG	1.071	2.443	10.755	6,5%	31.515	8,6%
	LNG	0	0	0		1.804	
Angola	LNG	0	0	0	0,0%	2.014	0,5%
Cameroon	LNG	0	0	0	0,0%	0	0,0%
United States	LNG	4.602	7.315	16.956	10,3%	42.698	11,0%
Equatorial Guinea	LNG	1.930	0	3.907	2,4%	9.620	2,5%
Nigeria	LNG	2.019	4.629	17.111	10,4%	44.495	11,5%
Norway	LNG	0	910	0	0,0%	3.668	0,9%
Peru	LNG	0	0	0	0,0%	1.010	0,3%
Qatar	LNG	1.825	1.813	9.007	5,5%	31.852	8,2%
Russia	LNG	2.163	2.192	15.649	9,5%	39.624	10,2%
Trinidad	LNG	847	2.908	9.008	5,5%	18.925	4,9%
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	1,1%	1.815	0,5%
Portugal	NG	135	128	1.951	1,2%	2.417	0,6%
National deposits	NG	37	44	190	0,1%	401	0,1%
National Biogas	NG	9	8	45	0,0%	102	0,0%
TOTAL		32.762	27.416	164.932	100%	386.632	100%

May 2021



■ Total NG ■ Total LNG

May 2020

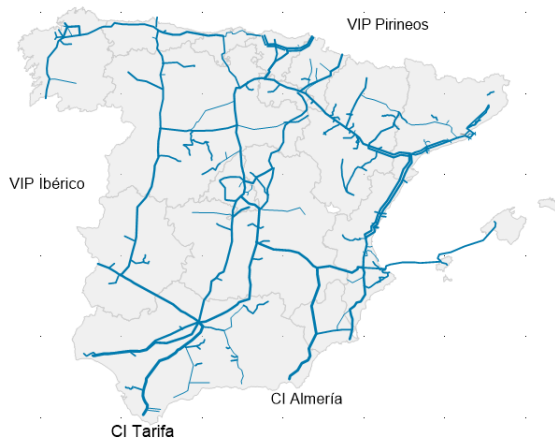
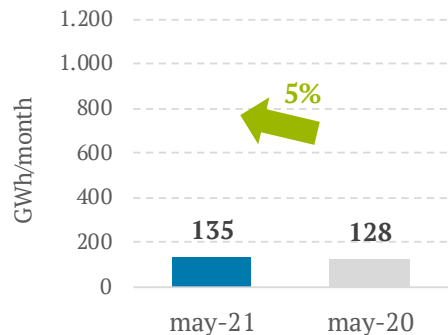


■ Total NG ■ Total LNG

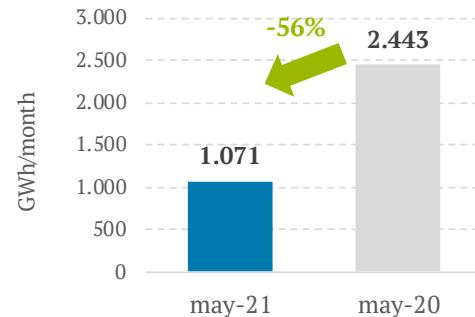
(*) SL-ATR distribution data

2.2 Demand coverage : Interconnection Points

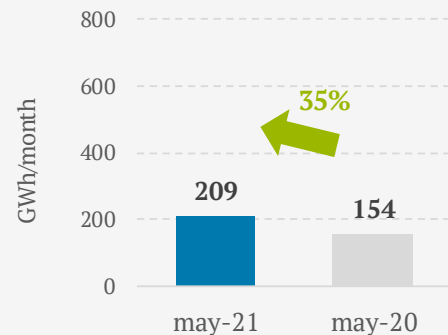
VIP IBÉRICO (imports)



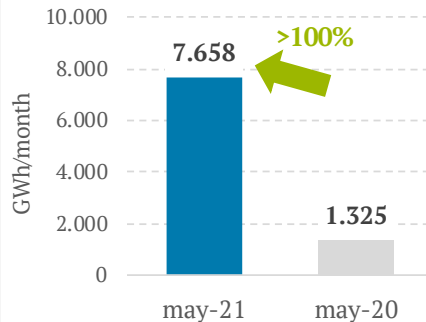
VIP PIRINEOS (imports)



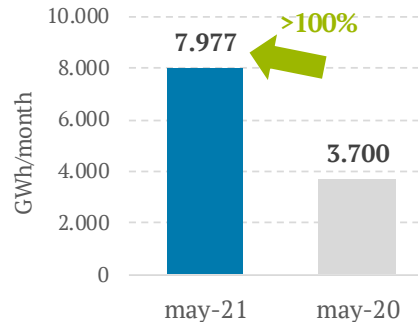
VIP IBÉRICO (exports)



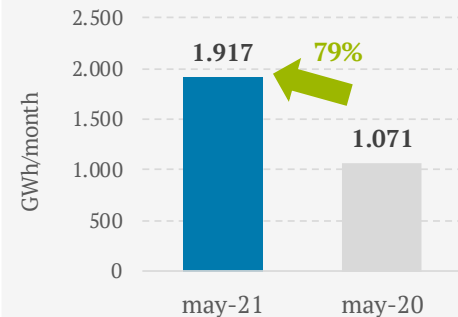
TARIFA



ALMERÍA



VIP PIRINEOS (exports)



2.2 Demand coverage : Interconnection Points

Net Balances (*)

GWh	Monthly accumulated			Annual accumulated		Moving Annual Total	
	May-2021	May-2020	%Δ s/2020	Jan-May 2021	%Δ s/2020	MAT: Jun 2020-May 2021	%Δ MAT vs 2020
Tarifa	7.658	1.325	>100%	35.287	>100%	67.645	65,9%
Almería	7.977	3.700	>100%	35.519	71,9%	74.708	24,8%
VIP Ibérico	-74	-26	>100%	949	>100%	-3.828	-14,2%
VIP Pirineos	-846	1.372	<100%	3.591	-66,4%	20.983	-25,3%
National Deposits	37	44	-14,2%	190	-24,9%	401	-13,6%
Biogas	9	8	15,4%	45	-1,1%	102	-0,5%
Total	14.761	6.423	129,8%	75.581	87,1%	160.012	28,2%

(+) Entry flows (-) Exit flows

(*) SL-ATR distribution data

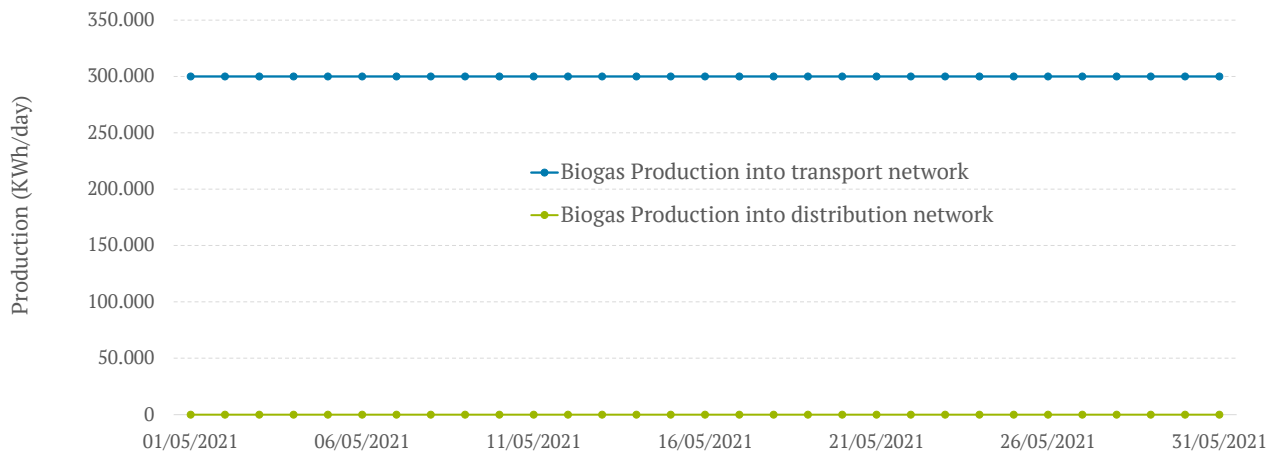
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3. Renewable gases

BIOGAS production for transport and distribution network

Unidad: GWh	Monthly Accumulated			Annual Accumulated		Moving Annual Total	
	May-2021	May-2020	%Δ s/2020	Jan-May 2021	%Δ s/2020	MAT: Jun 2020-May 2021	%Δ s/2020
BIOGÁS injected into transport network	9,3	8,1	15,4%	44,9	-1,1%	102,3	-0,5%
BIOGÁS injected into distribution network	0,0	0,0	-	0,0	-100,0%	0,0	-100,0%
Total	9,3	8,1	15,4%	44,9	-2,4%	102,3	-1,0%



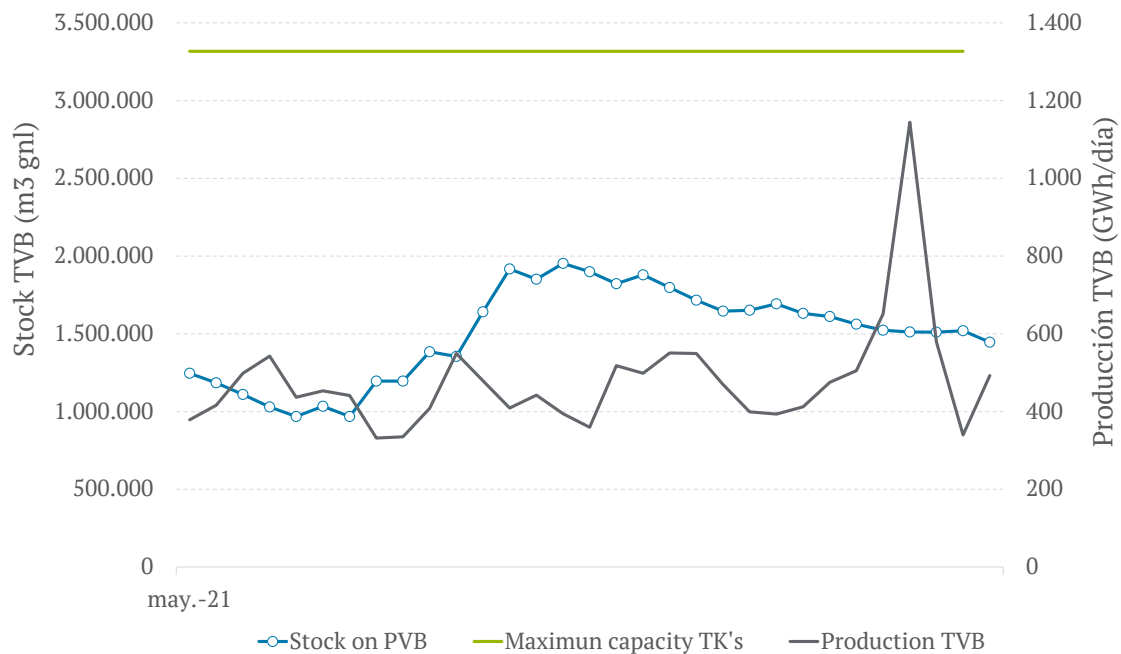
(*) SL-ATR distribution data

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4. TVB activity

TVB Stock evolution and TVB production



May 2020

GWh/month

Total capacity	59.365
Contracted capacity TVB	13.019
Available capacity	46.346
Commercial regasification	12.465

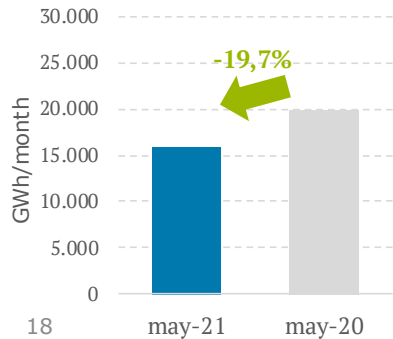
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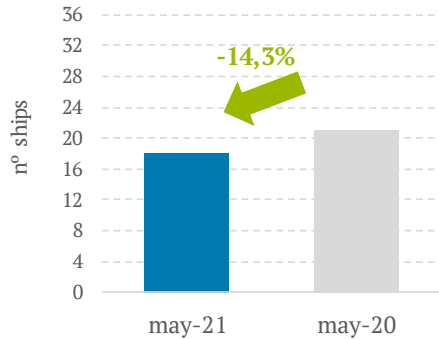
5. Regasification plants activity

GWh	Ships Unloaded			Number of Ships Unloaded			Ships Loaded			LNG Trucks		
	May-2021	May-2020	%Δ s/2020	May-2021	May-2020	%Δ s/2020	May-2021	May-2020	%Δ s/2020	May-2021	May-2020	%Δ s/2020
BARCELONA	5.604	2.992	87,3%	6	4	50,0%	34	0	>100%	289	252	14,7%
HUELVA	3.024	3.832	-21,1%	4	4	0,0%	67	96	-29,9%	218	185	18,2%
CARTAGENA	2.020	2.861	-29,4%	2	3	-33,3%	1.022	0	>100%	258	160	61,2%
BILBAO	2.082	5.298	-60,7%	2	5	-60,0%	0	0	-	87	70	23,8%
SAGUNTO	1.134	2.845	-60,1%	2	3	-33,3%	0	0	-	197	152	29,5%
MUGARDOS	2.011	1.941	3,6%	2	2	0,0%	30	0	>100%	112	93	21,3%
Total	15.875	19.768	-19,7%	18	21	-14,3%	1.153	96	>100%	1.162	911	27,4%

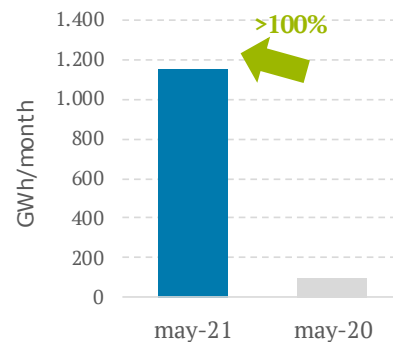
SHIPS UNLOADED



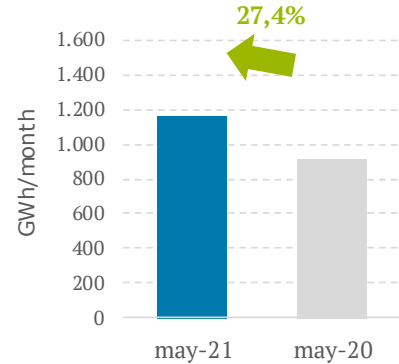
NUMBER OF SHIPS UNLOADED



SHIPS LOADED



LNG TRUCKS



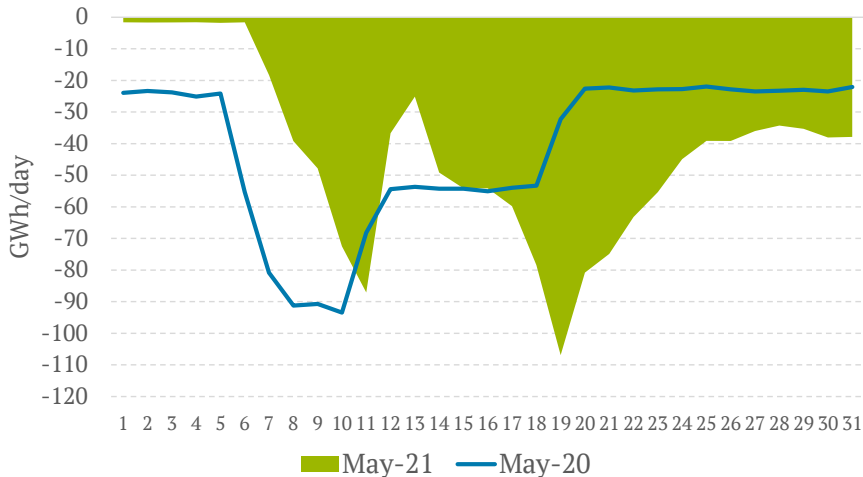
(*) SL-ATR distribution data

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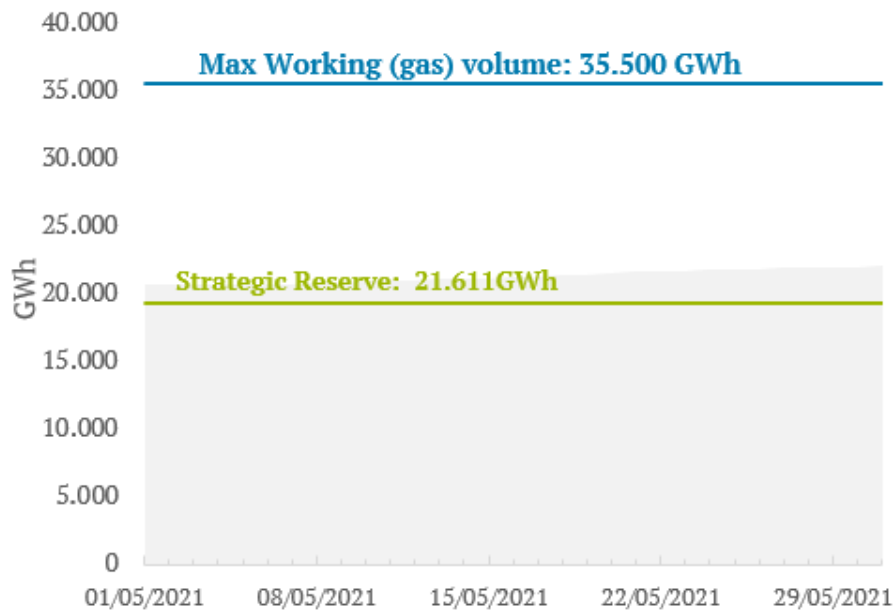
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6. UGS Activity

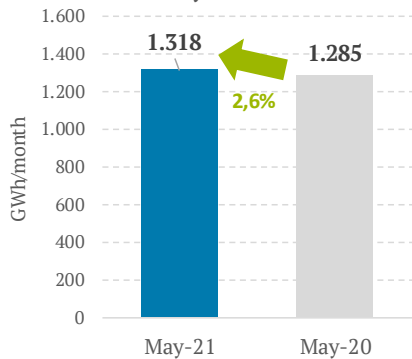
Daily Injection May 2021 vs May 2020



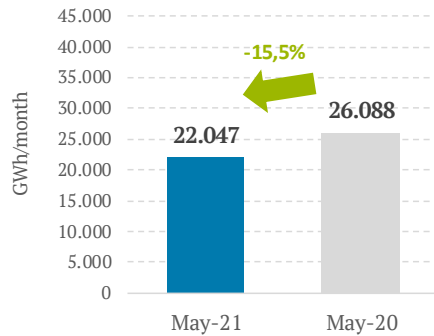
Working (gas) evolution



Inyeccion



Working (gas) volumes



(*) SL-ATR distribution data

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7. Operating notes and other relevant facts

Operating notes:

In May 2021, **one Operation notes** has been published

- ❖ Operation note **nº 6 related** Reduction of storage capacity due to scheduled maintenance at AS Marismas

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

