



ADVANCE



Statistical bulletin

April 2021

Technical Management of the System

GTS_DEMANDA@enagas.es

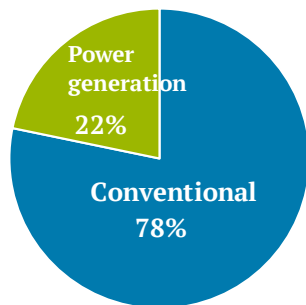
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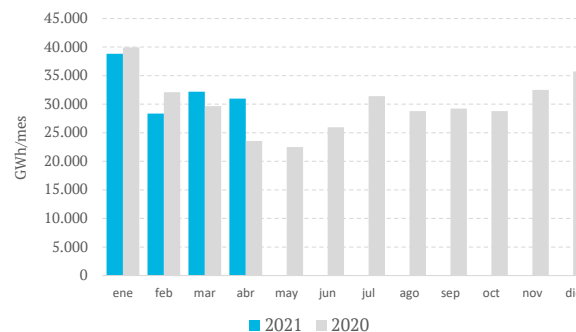
1. Evolution of gas demand

GWh	Monthly accumulated		Annual accumulated		Moving Annual Total	
	Apr-2021	%Δ s/2020	Jan-Apr 2021	%Δ s/2020	MAT: May 2020- Apr 2021	%Δ MAT vs 2020
National Market demand	30.955	31,5%	130.295	4,1%	365.184	1,4%
Conventional	24.222	27,7%	110.395	6,6%	278.046	2,5%
Power generation	6.733	47,2%	19.899	-8,1%	87.138	-2,0%
International Market demand	1.864	>100%	7.609	201,3%	18.072	39,1%
International connections exports	1.740	>100%	6.039	>100%	15.875	32,3%
LNG Vessel loading	124	>100%	1.570	>100%	2.197	>100%
TOTAL	32.819	38,7%	137.904	8,0%	383.256	2,7%

National market demand April 2021

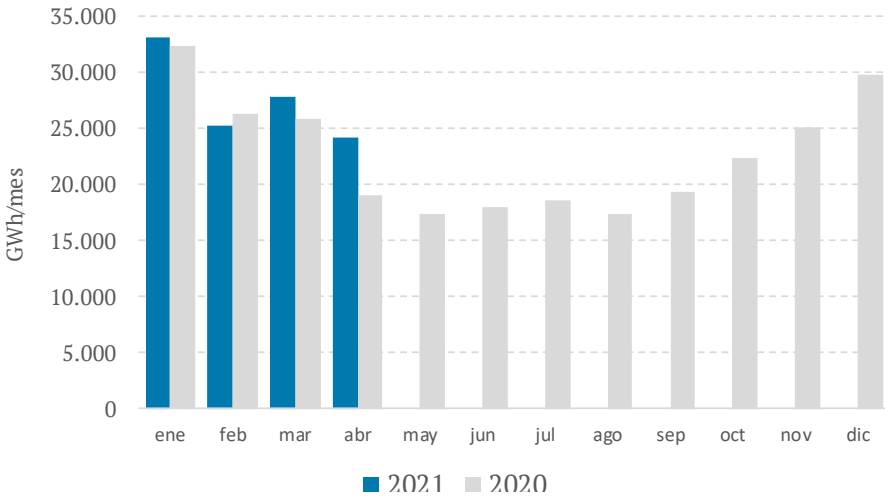


Total Demand

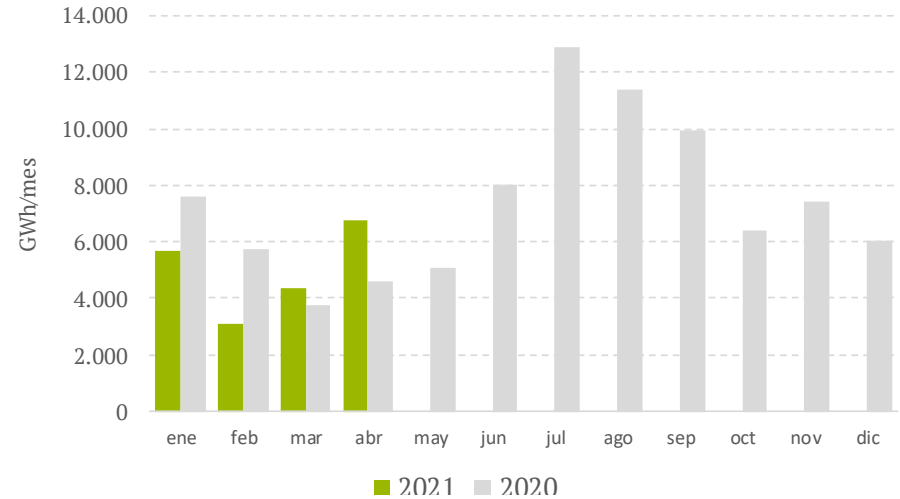


1. Evolution of gas demand

Conventional Demand



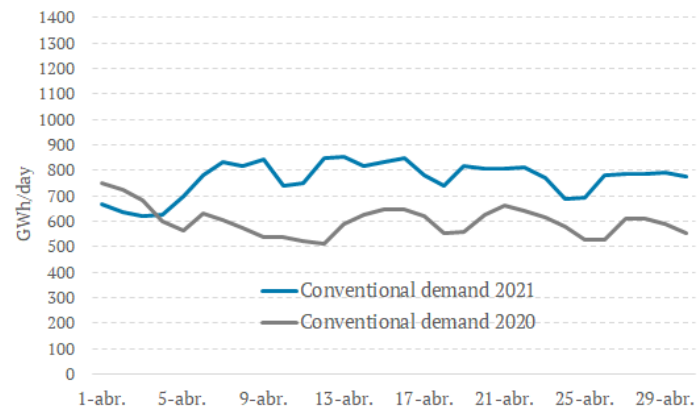
Power Generation



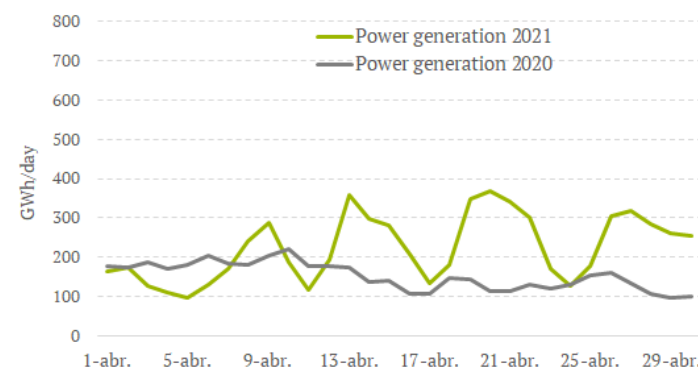
1. Evolution of CCAA gas demand

GWh	CONVENTIONAL DEMAND (without LNG trucks)		POWER GENERATION	
	Apr-2021	%Δ s/Apr 2020	Apr-2021	%Δ s/Apr 2020
CATALUÑA	4.436	28,4%	855	23,4%
ANDALUCIA	2.750	13,1%	1.415	>100%
VALENCIA	2.736	87,0%	393	-23,5%
PAIS_VASCO	1.906	42,8%	617	-8,6%
MURCIA	1.531	10,0%	892	45,9%
CASTILLA_LEON	1.783	23,5%	0	
ARAGON	1.398	24,8%	20	>100%
GALICIA	1.109	10,2%	755	>100%
CASTILLA_MANCHA	1.056	13,0%	216	-10,6%
MADRID	2.112	13,7%	0	
ASTURIAS	650	26,5%	567	>100%
NAVARRA	773	53,5%	319	>100%
CANTABRIA	423	47,0%	0	
LA RIOJA	165	25,0%	135	>100%
EXTREMADURA	150	9,3%	0	
BALEARES	80	67,6%	548	3,5%

Conventional demand daily evolution



Power generation daily evolution



1.1 Conventional demand

Demand




Conventional market

+27,7%

Less than the previous year

Temperatures



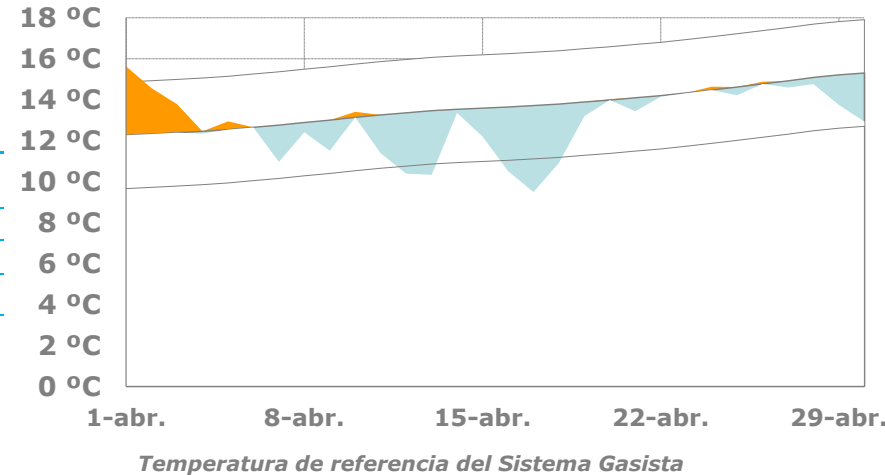
-1,6°C

Less than the previous year

Calendar and temperature correction

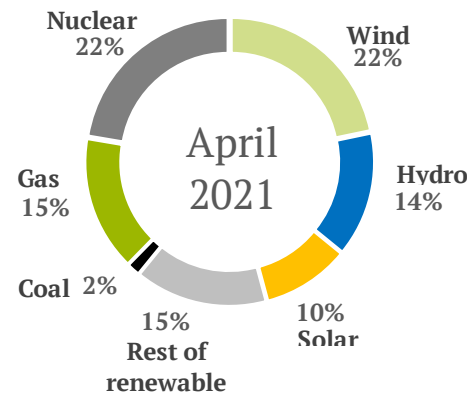
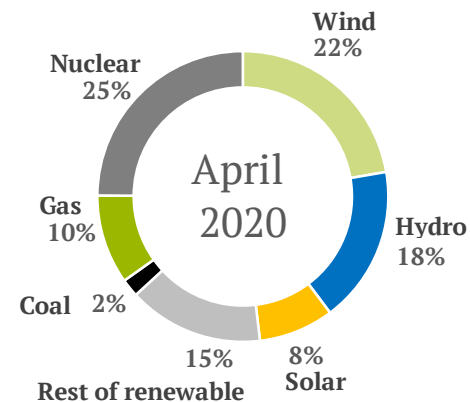
Demand	Conventional demand		Accumulated		MAT	
	April 2021 (*)		April 2021		May 2020-April 2021	
	GWh	%21 s/20	GWh	%21 s/20	GWh	% TAM s/19
	24.222	27,7%	110.395	6,6%	278.046	2,5%
Calendar		0,0%		-1,2%		-0,6%
Temperature		4,1%		2,8%		1,1%
Amended demand		23,6%		5,0%		2,1%

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



1.2 Power generation– electricity generation mix

TWh (e)	Apr 2020	Apr 2021
Power generation	16,2	18,9
Wind	3,7	4,1
Hydraulic	2,9	2,7
Solar	1,4	1,9
Rest of renewable	2,5	2,8
Cogeneration	2,0	2,2
Others	0,5	0,6
Thermal Gap	2,0	3,2
Coal	0,3	0,3
Gas	1,6	2,9
% gas in TG	83%	91%
Nuclear	4,1	4,2
International balances	0,2	0,3
	import	import

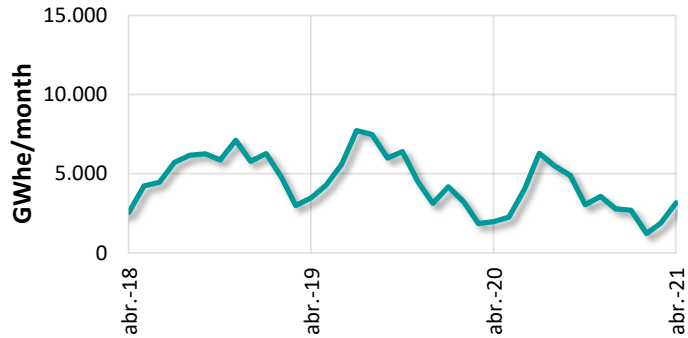


1.2 Power generation – Thermal Gap evolution

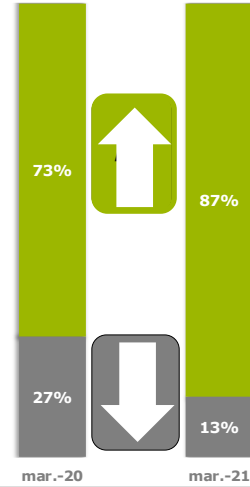
Thermal Gap

+61%

Than the previous year



%GAS/COAL



■ Generation gas mix

+42 GWh(e)/day

■ Generation coal mix

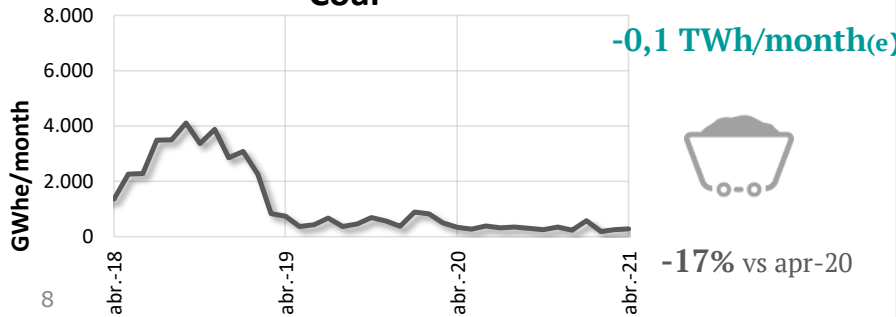
-2 GWh(e)/day

Coal

-0,1 TWh/month(e)



-17% vs apr-20

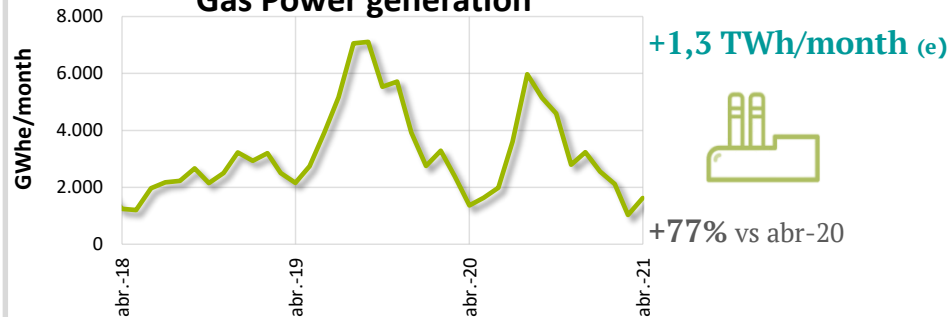


Gas Power generation

+1,3 TWh/month (e)



+77% vs apr-20



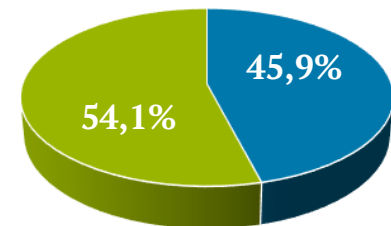
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 1. **Origin of supplies**
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2.1 Demand coverage: Origin of supplies

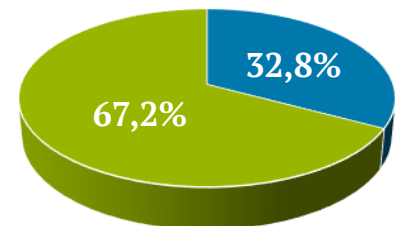
Unit: GWh		Monthly accumulated (*)		Annual accumulated (*)		Moving Annual Total (*)	
		Apr-2021	Apr-2020	Jan-Apr 2021	% s TOTAL	MAT: May 2020-Apr 2021	% s TOTAL
Algeria	NG	13.315	4.801	55.171	92,5%	131.744	37,1%
	LNG	1.370	497	5.244		9.832	
France	NG	2.188	2.201	9.683	14,8%	32.886	9,1%
	LNG	0	0	0		1.804	
Angola	LNG	0	1.021	0	0,0%	2.014	0,5%
Cameroon	LNG	0	0	0	0,0%	0	0,0%
United States	LNG	4.881	4.764	12.354	18,9%	45.411	11,9%
Equatorial Guinea	LNG	0	0	1.977	3,0%	7.690	2,0%
Nigeria	LNG	4.862	4.546	15.092	23,1%	47.106	12,4%
Norway	LNG	0	0	0	0,0%	4.578	1,2%
Peru	LNG	0	0	0	0,0%	1.010	0,3%
Qatar	LNG	1.804	880	7.182	11,0%	31.839	8,4%
Russia	LNG	2.182	2.190	13.487	20,6%	39.653	10,4%
Trinidad	LNG	2.627	1.756	8.161	12,5%	20.985	5,5%
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	902	0	1.815	2,8%	1.815	0,5%
Portugal	NG	281	596	1.816	2,8%	2.410	0,6%
National deposits	NG	36	47	153	0,2%	407	0,1%
National Biogas	NG	9	10	36	0,1%	101	0,0%
TOTAL		34.457	23.309	65.310	100%	381.286	100%

April 2021



■ Total NG ■ Total LNG

April 2020

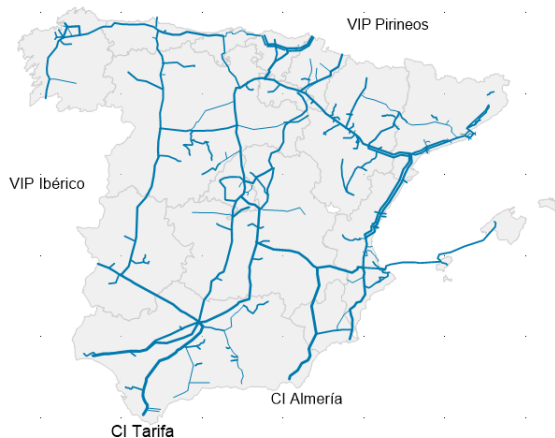
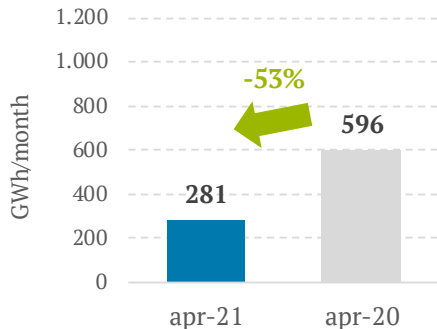


■ Total NG ■ Total LNG

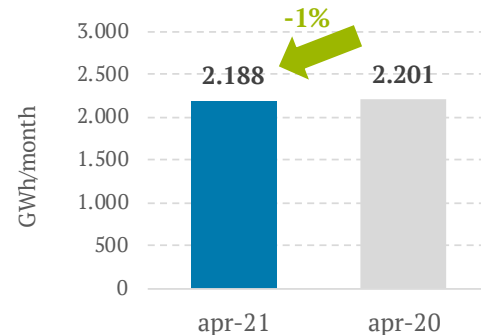
(*) SL-ATR distribution data

2.2 Demand coverage : Interconnection Points

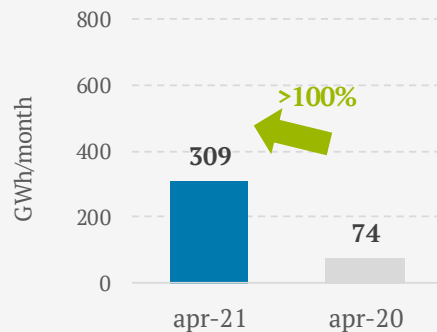
VIP IBÉRICO (imports)



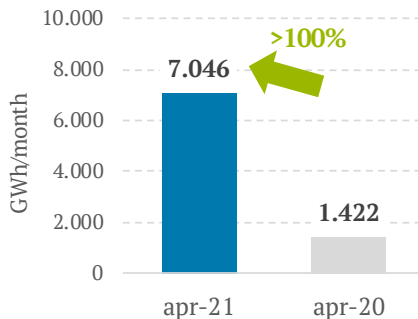
VIP PIRINEOS (imports)



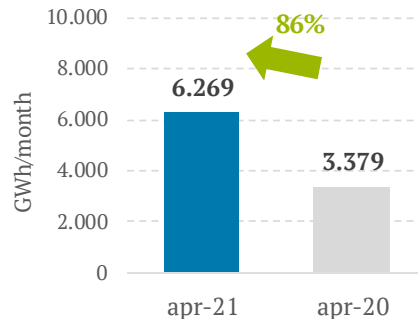
VIP IBÉRICO (exports)



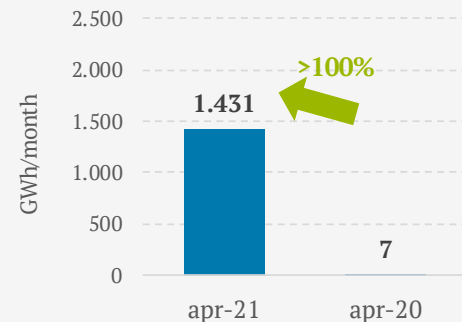
TARIFA



ALMERÍA



VIP PIRINEOS (exports)



2.2 Demand coverage : Interconnection Points

Net Balances (*)

GWh	Monthly accumulated			Annual accumulated		Moving Annual Total	
	Apr-2021	Apr-2020	%Δ s/2020	Jan-Apr 2021	%Δ s/2020	MAT: May 2020-Apr 2021	%Δ MAT vs 2020
Tarifa	7.046	1.422	>100%	27.629	>100%	61.312	50,3%
Almería	6.269	3.379	85,5%	27.543	62,4%	70.431	17,7%
VIP Ibérico	-28	522	<100%	1.023	>100%	-3.780	-15,3%
VIP Pirineos	756	2.194	-65,5%	4.437	-52,4%	23.201	-17,4%
National Deposits	36	47	-23,9%	153	-27,2%	407	-12,3%
Biogas	9	10	-9,1%	36	-4,7%	101	-1,7%
Total	14.088	7.573	86,0%	60.820	79,0%	151.673	21,5%

(+) Entry flows (-) Exit flows

(*) SL-ATR distribution data

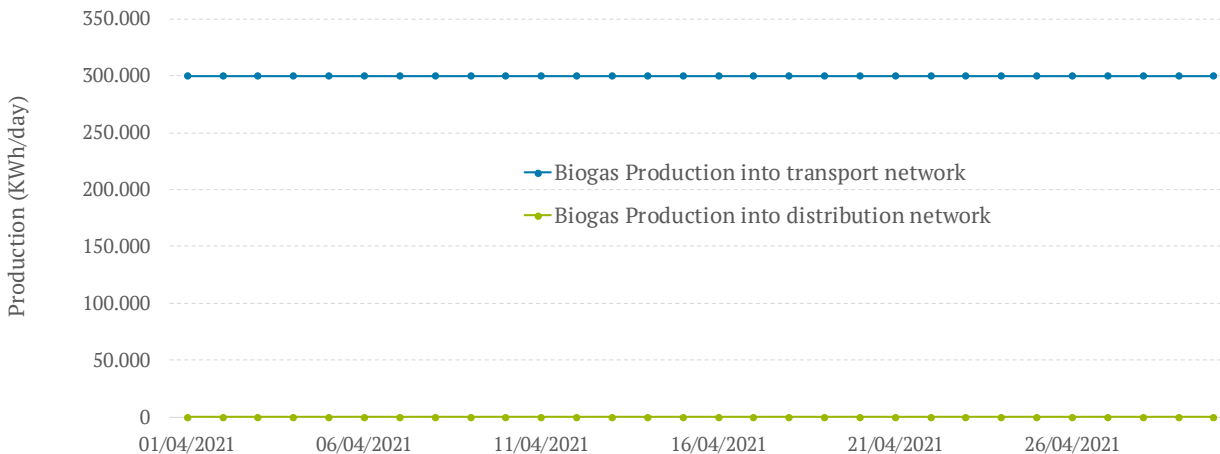
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3. Renewable gases

BIOGAS production for transport and distribution network

Unidad: GWh	Monthly Accumulated			Annual Accumulated		Moving Annual Total	
	Apr-2021	Mar-2020	%Δ s/2020	Jan-Apr 2021	%Δ s/2020	MAT: May 2020- Apr 2021	%Δ s/2020
BIOGÁS injected into transport network	9,0	9,9	-9,1%	35,6	-4,7%	101,0	-1,7%
BIOGÁS injected into distribution network	0,0	0,0	-	0,0	-100,0%	0,0	-100,0%
Total	9,0	9,9	-9,1%	35,6	-6,1%	101,0	-2,2%



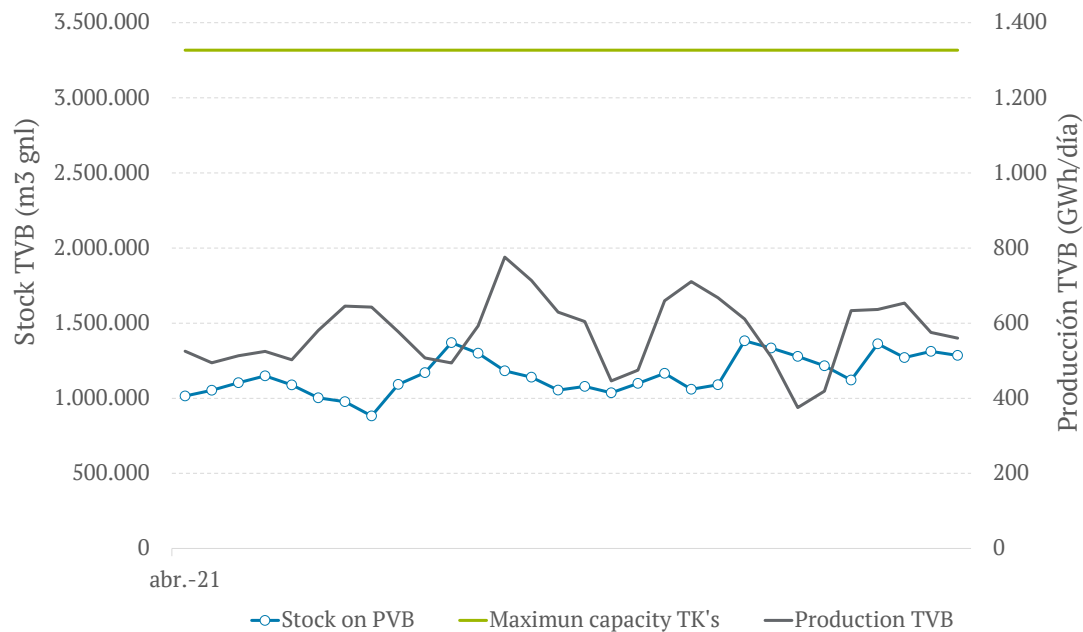
(*) SL-ATR distribution data

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4. TVB activity

TVB Stock evolution and TVB production



April 2020

GWh/month

Total capacity	57.450
Contracted capacity TVB	15.728
Available capacity	41.722
Commercial regasification	15.520

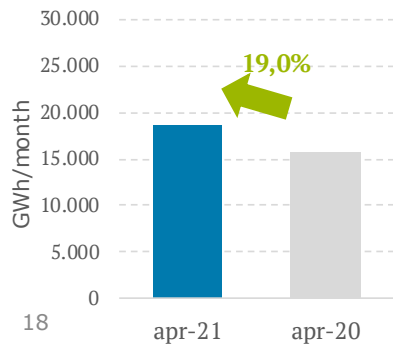
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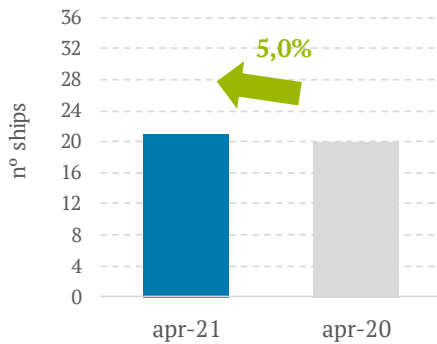
5. Regasification plants activity

GWh	Ships Unloaded			Number of Ships Unloaded			Ships Loaded			LNG Trucks		
	Apr-2021	Apr-2020	%Δ s/2020	Apr-2021	Apr-2020	%Δ s/2020	Apr-2021	Apr-2020	%Δ s/2020	Apr-2021	Apr-2020	%Δ s/2020
BARCELONA	1.804	2.853	-36,8%	2	3	-33,3%	38	0	>100%	292	250	16,9%
HUELVA	1.750	1.863	-6,1%	2	2	0,0%	43	28	54%	223	186	20,2%
CARTAGENA	6.614	1.823	>100%	7	2	>100%	0	0	-	265	179	47,8%
BILBAO	2.933	4.879	-39,9%	3	8	-62,5%	0	0	-	90	67	34,6%
SAGUNTO	3.588	2.288	56,8%	5	3	66,7%	0	0	-	184	143	28,6%
MUGARDOS	1.941	1.949	-0,4%	2	2	0,0%	43	16	>100%	108	85	27,3%
Total	18.629	15.655	19,0%	21	20	5,0%	124	44	>100%	1.162	909	27,8%

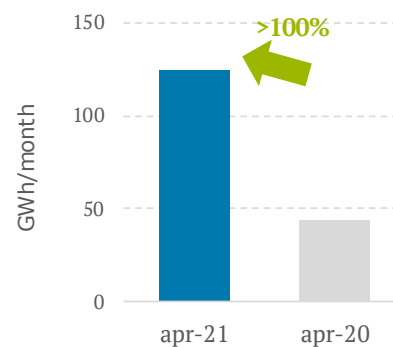
SHIPS UNLOADED



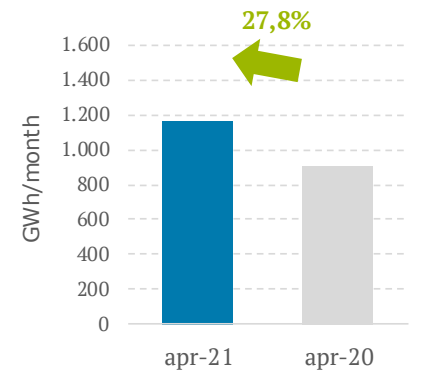
NUMBER OF SHIPS UNLOADED



SHIPS LOADED



LNG TRUCKS



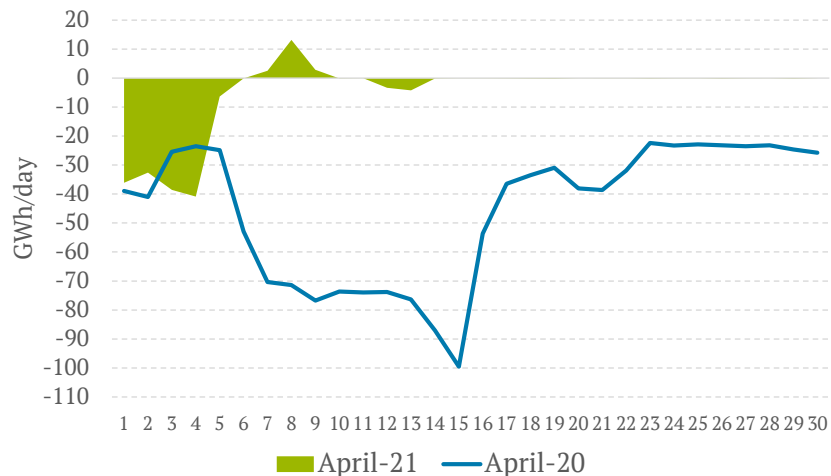
(*) SL-ATR distribution data

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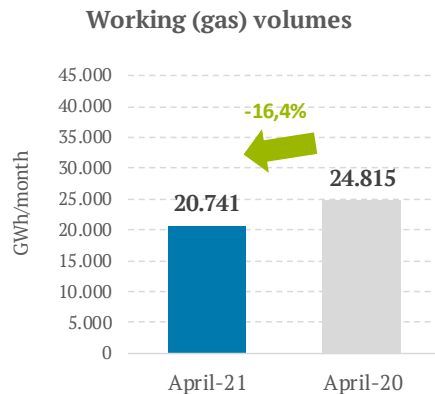
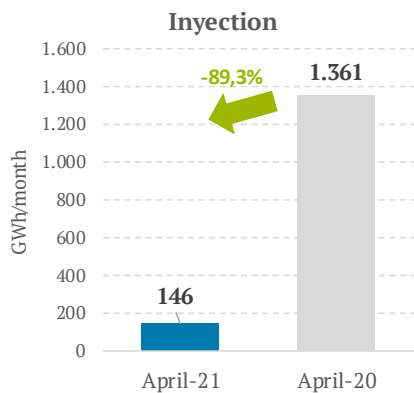
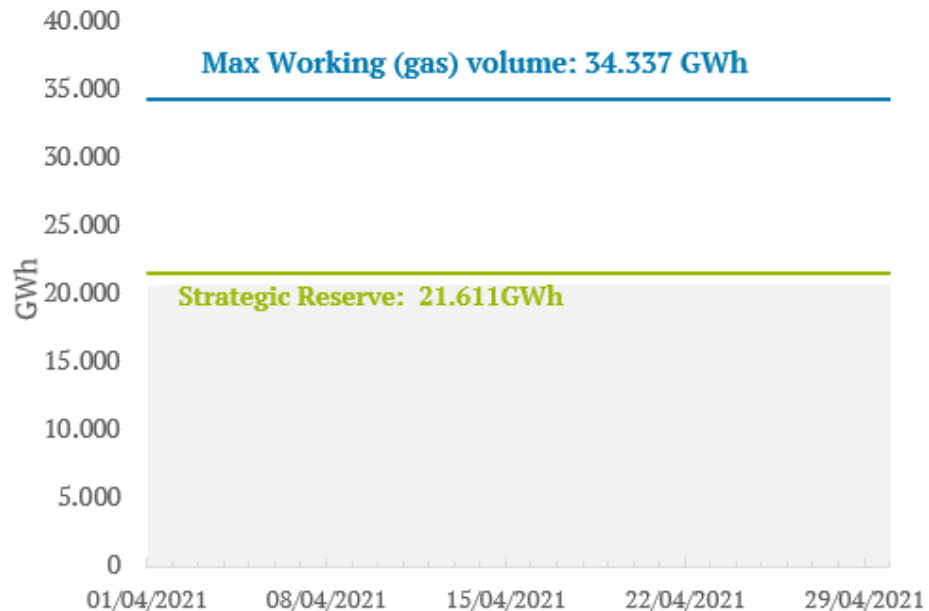
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6. UGS Activity

Daily withdrawal April 2021 vs April 2020



Working (gas) evolution



(*) SL-ATR distribution data

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7. **Operating notes and other relevant facts**

7. Operating notes and other relevant facts

Operating notes:

In April 2021, **no Operation notes** have 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

