

**ADVANCE**



# Statistical bulletin

March 2021

Technical Management of the System

[GTS\\_DEMANDA@enagas.es](mailto:GTS_DEMANDA@enagas.es)

# Content

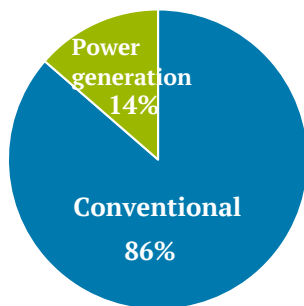
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- 1. Evolution of gas demand**
  - 1. Conventional demand**
  - 2. Power generation**
  - 3. CCAA**
2. Demand coverage
  1. Origin of supplies
  2. Interconnection Points
3. Renewable gases
4. TVB activity
5. Regasification Plants activity
6. Underground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

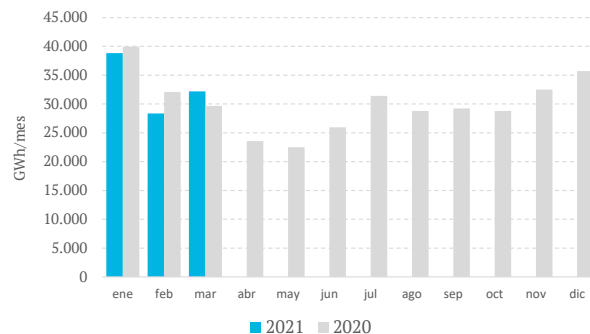
# 1. Evolution of gas demand

GWh	Monthly accumulated		Annual accumulated		Moving Annual Total	
	Mar-2021	%Δ s/2020	Jan-Mar 2021	%Δ s/2020	MAT: Apr 2020-Mar 2021	%Δ MAT vs 2020
<b>National Market demand</b>	<b>32.173</b>	<b>8,5%</b>	<b>99.328</b>	<b>-2,3%</b>	<b>357.762</b>	<b>-0,6%</b>
Conventional	27.792	7,3%	86.163	1,9%	272.783	0,6%
Power generation	4.381	16,4%	13.165	-22,9%	84.979	-4,4%
<b>International Market demand</b>	<b>1.474</b>	<b>&gt;100%</b>	<b>5.745</b>	<b>139,3%</b>	<b>16.333</b>	<b>25,8%</b>
International connections exports	1.406	>100%	4.299	>100%	14.216	18,4%
LNG Vessel loading	68	26,3%	1.446	>100%	2.117	>100%
<b>TOTAL</b>	<b>33.647</b>	<b>12,0%</b>	<b>105.074</b>	<b>1,0%</b>	<b>374.095</b>	<b>0,3%</b>

National market demand March 2021

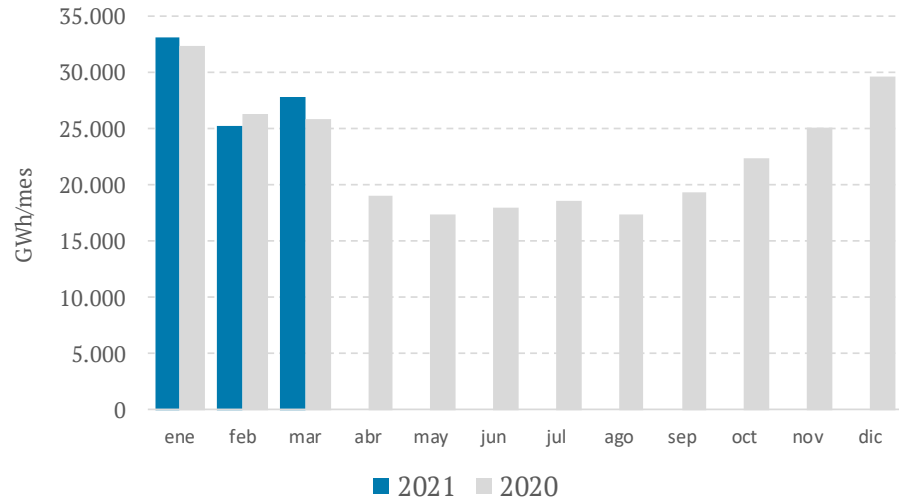


Total Demand

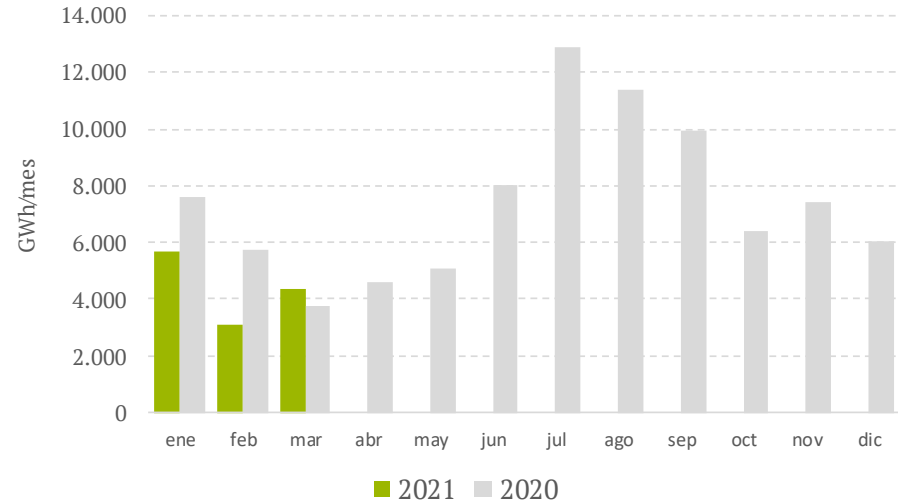


# 1. Evolution of gas demand

## Conventional Demand



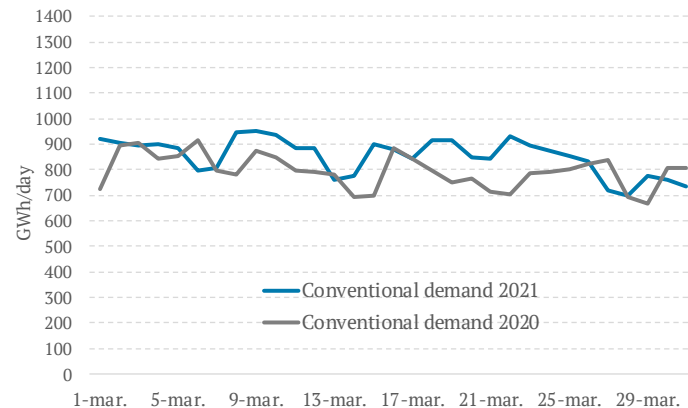
## Power Generation



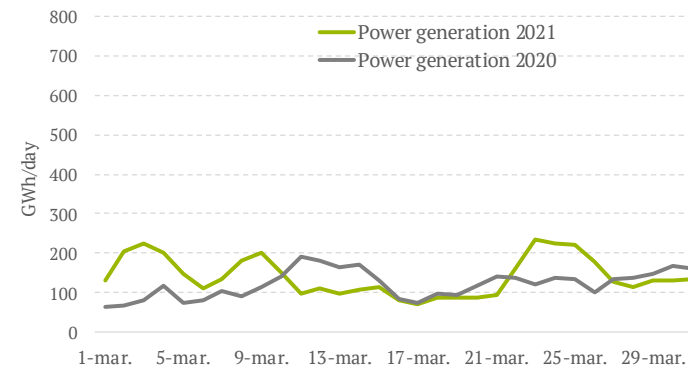
# 1. Evolution of CCAA gas demand

GWh	CONVENTIONAL DEMAND (without LNG trucks)		POWER GENERATION	
	Mar-2021	%Δ s/Mar 2020	Mar-2021	%Δ s/Mar 2020
CATALUÑA	5.044	9,9%	542	6,9%
ANDALUCIA	2.823	-2,4%	959	34,3%
VALENCIA	3.072	17,8%	235	-37,3%
PAIS_VASCO	2.258	6,6%	257	-36,4%
MURCIA	1.589	4,0%	480	-10,2%
CASTILLA_LEON	2.073	8,7%	0	
ARAGON	1.517	5,2%	18	-9,9%
GALICIA	1.243	9,4%	662	964,8%
CASTILLA_MANCHA	1.346	6,2%	149	-14,8%
MADRID	3.058	6,5%	0	
ASTURIAS	733	-0,3%	314	14,2%
NAVARRA	680	9,3%	162	52,8%
CANTABRIA	476	25,1%	0	
LA RIOJA	290	-18,1%	30	1486,8%
EXTREMADURA	183	6,0%	0	
BALEARES	94	18,6%	574	-2,7%

## Conventional demand daily evolution




## Power generation daily evolution





# 1.1 Conventional demand

## Demand

  
 Conventional market  
**+7,3%**   
 Less than the previous year

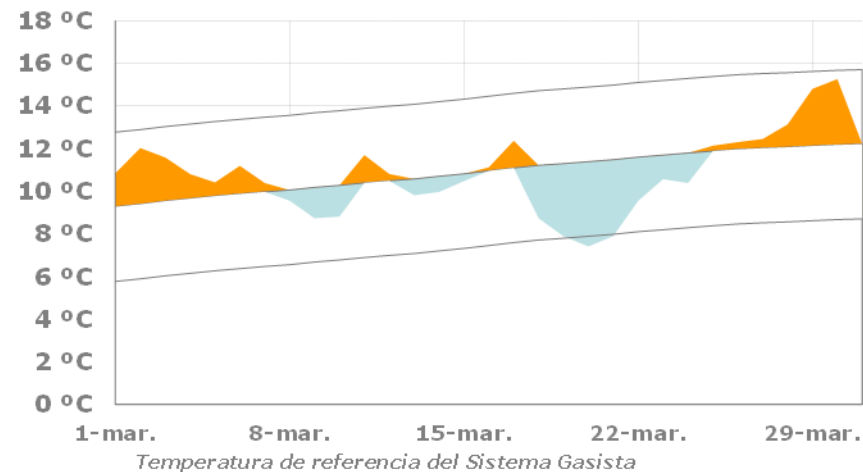
## Temperatures

  
**-0,63°C**   
 Less than the previous year

## Calendar and temperature correction

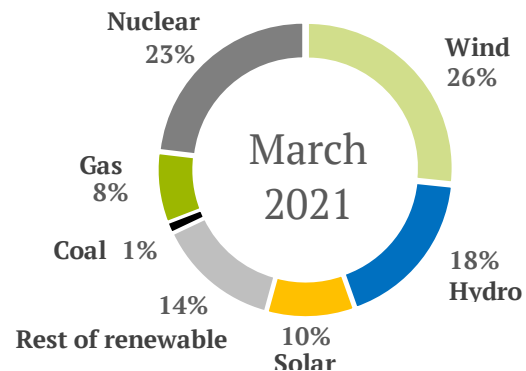
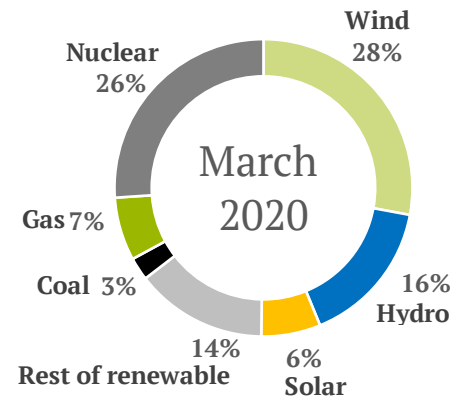
Demand	Conventional demand		Accumulated		MAT	
	March 2021 (*)		March 2021		April 2020-March 2021	
	GWh	%21 s/20	GWh	%21 s/20	GWh	% TAM s/19
	27.792	7,3%	86.163	1,9%	272.783	0,6%
Calendar		0,0%		-1,5%		-0,4%
Temperature		1,3%		2,6%		0,8%
Amended demand		6,0%		0,8%		0,2%

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



# 1.2 Power generation– electricity generation mix

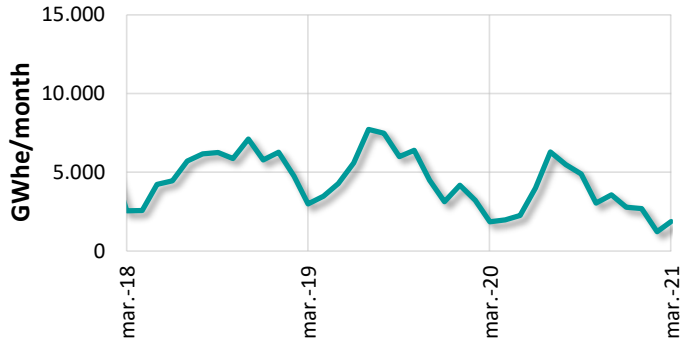
TWh (e)	March 2020	March 2021
Power generation	19,8	20,8
Wind	5,5	5,6
Hydraulic	3,2	3,7
Solar	1,3	2,0
Rest of renewable	2,8	2,9
Cogeneration	2,3	2,3
Others	0,6	0,6
Thermal Gap	1,9	1,9
Coal	0,5	0,2
Gas	1,4	1,6
% gas in TG	73%	87%
Nuclear	5,2	4,8
International balances	0,5	0,2
	import	import



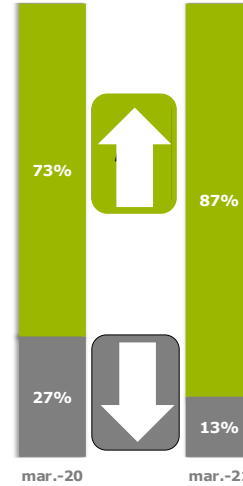
# 1.2 Power generation – Thermal Gap evolution

Thermal Gap  
**+0,5%**

Than the previous year



%GAS/COAL



■ Generation gas mix

**+8 GWh(e)/day**

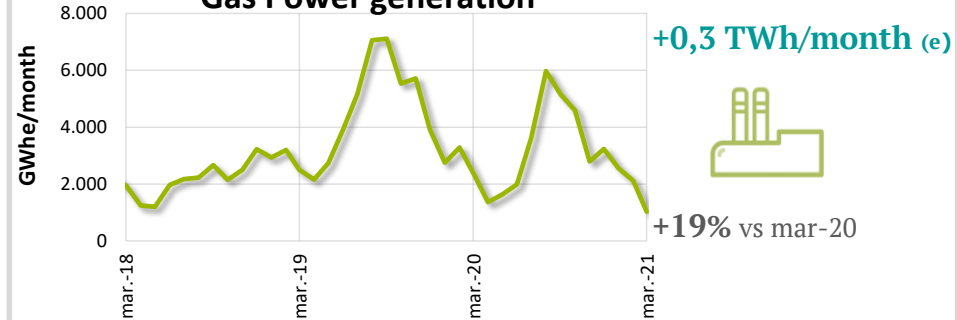
■ Generation coal mix

**-8 GWh(e)/day**

**Coal**



**Gas Power generation**





# Content

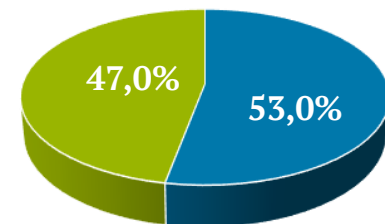
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1. Evolution of gas demand
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2. **Demand coverage**
  1. **Origin of supplies**
  2. **Interconnection Points**
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## 2.1 Demand coverage: Origin of supplies

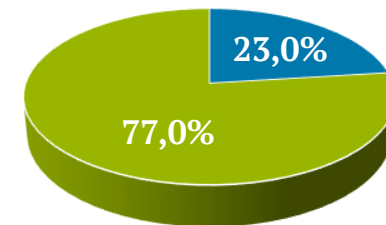
Unit: GWh		Monthly accumulated (*)		Annual accumulated (*)		Moving Annual Total (*)	
		Mar-2021	Mar-2020	Jan-Mar 2021	% s TOTAL	MAT: Apr 2020-Mar 2021	% s TOTAL
Algeria	NG	15.472	5.013	41.856	46,8%	123.229	35,7%
	LNG	494	0	3.874		8.958	
France	NG	741	2.099	7.495	7,7%	32.899	9,4%
	LNG	0	0	0		1.804	
Angola	LNG	0	0	0	0,0%	3.035	0,8%
Cameroon	LNG	0	0	0	0,0%	0	0,0%
United States	LNG	3.308	7.951	7.472	7,6%	45.294	12,2%
Equatorial Guinea	LNG	980	1.875	1.977	2,0%	7.690	2,1%
Nigeria	LNG	4.634	3.800	10.229	10,5%	46.789	12,6%
Norway	LNG	0	0	0	0,0%	4.578	1,2%
Peru	LNG	0	866	0	0,0%	1.010	0,3%
Qatar	LNG	1.790	1.632	5.378	5,5%	30.916	8,4%
Russia	LNG	3.230	5.401	11.304	11,6%	39.661	10,7%
Trinidad	LNG	860	1.326	5.534	5,7%	20.114	5,4%
Oman	LNG	0	0	0	0,0%	0	0,0%
Belgium	LNG	0	0	0	0,0%	0	0,0%
Argentina	LNG	0	375	0	0,0%	0	0,0%
Egypt	LNG	0	968	913	0,9%	913	0,2%
Portugal	NG	969	60	1.536	1,6%	2.726	0,7%
National deposits	NG	47	57	117	0,1%	419	0,1%
National Biogas	NG	9	9	27	0,0%	102	0,0%
<b>TOTAL</b>		<b>32.532</b>	<b>31.432</b>	<b>97.713</b>	<b>100%</b>	<b>370.138</b>	<b>100%</b>

March 2021



■ Total NG ■ Total LNG

March 2020

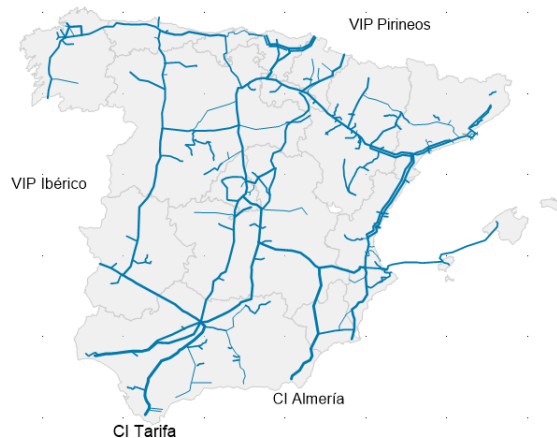
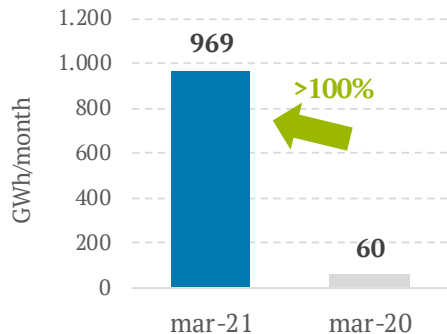


■ Total NG ■ Total LNG

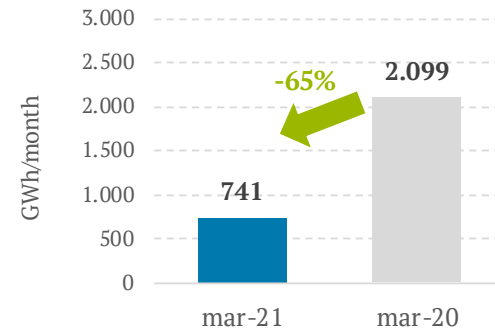
(\*) SL-ATR distribution data

## 2.2 Demand coverage : Interconnection Points

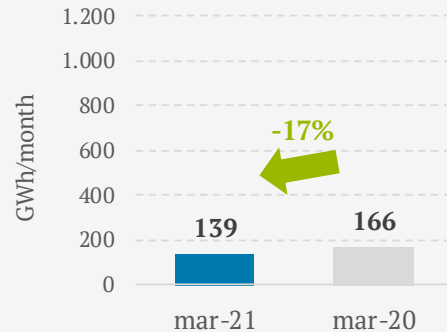
### VIP IBÉRICO (imports)



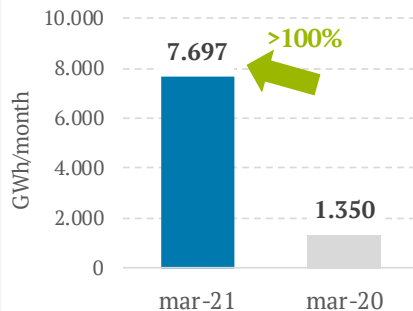
### VIP PIRINEOS (imports)



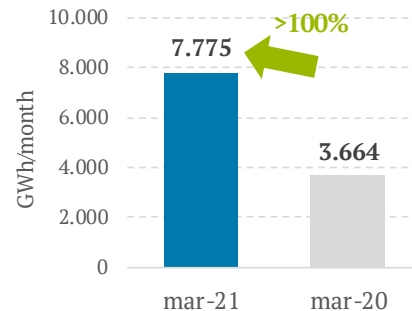
### VIP IBÉRICO (exports)



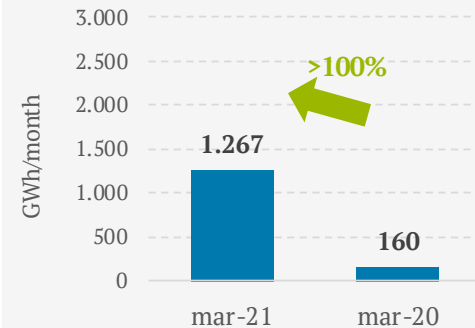
### TARIFA



### ALMERÍA



### VIP PIRINEOS (exports)



## 2.2 Demand coverage : Interconnection Points

### Net Balances (\*)

GWh	Monthly accumulated			Annual accumulated		Moving Annual Total	
	Mar-2021	Mar-2020	%Δ s/2020	Jan-Mar 2021	%Δ s/2020	MAT: Apr 2020-Mar 2021	%Δ MAT vs 2020
Tarifa	7.697	1.350	>100%	20.582	>100%	55.687	36,5%
Almería	7.775	3.664	>100%	21.274	56,7%	67.542	12,9%
VIP Ibérico	830	-106	<100%	1.051	<100%	-3.229	-27,6%
VIP Pirineos	-527	1.939	<100%	3.681	-48,4%	24.638	-12,3%
National Deposits	47	57	-18,1%	117	-28,1%	419	-9,9%
Biogas	9	9	3,9%	27	-3,1%	102	-0,8%
<b>Total</b>	<b>15.831</b>	<b>6.912</b>	<b>129,0%</b>	<b>46.732</b>	<b>77,0%</b>	<b>145.158</b>	<b>16,3%</b>

(+) Entry flows (-) Exit flows

(\*) SL-ATR distribution data

# Content

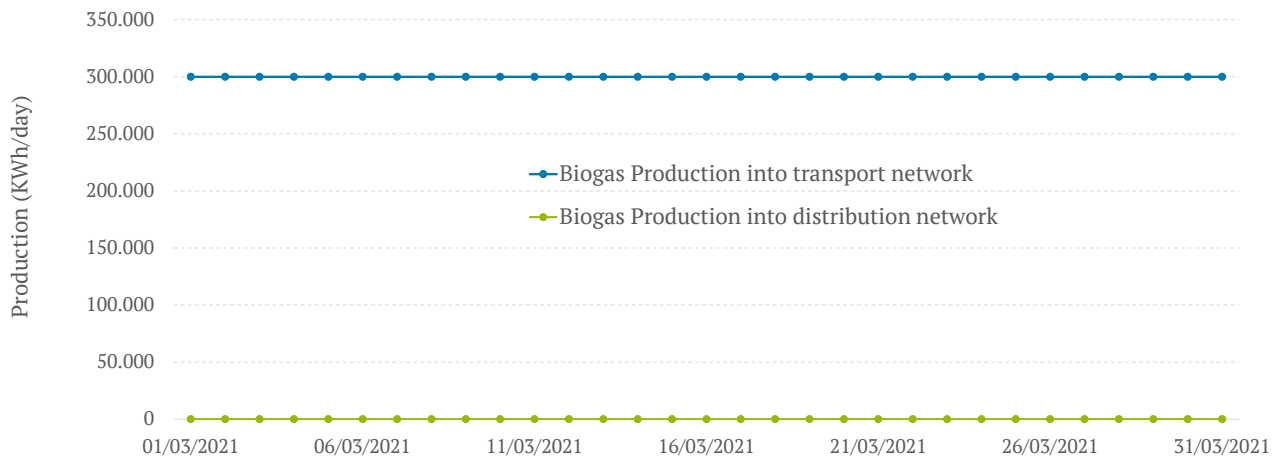
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### 3. Renewable gases

#### BIOGAS production for transport and distribution network

Unidad: GWh	Monthly Accumulated			Annual Accumulated		Moving Annual Total	
	Mar-2021	Mar-2020	%Δ s/2020	Jan-Mar 2021	%Δ s/2020	MAT: Apr 2020-Mar 2021	%Δ s/2020
BIOGÁS injected into transport network	9,3	9,0	3,9%	26,6	-3,1%	101,9	-0,8%
BIOGÁS injected into distribution network	0,0	0,2	-100,0%	0,0	-100,0%	0,0	-100,0%
<b>Total</b>	<b>9,3</b>	<b>9,2</b>	<b>1,2%</b>	<b>26,6</b>	<b>-5,1%</b>	<b>101,9</b>	<b>-1,4%</b>



(\*) SL-ATR distribution data

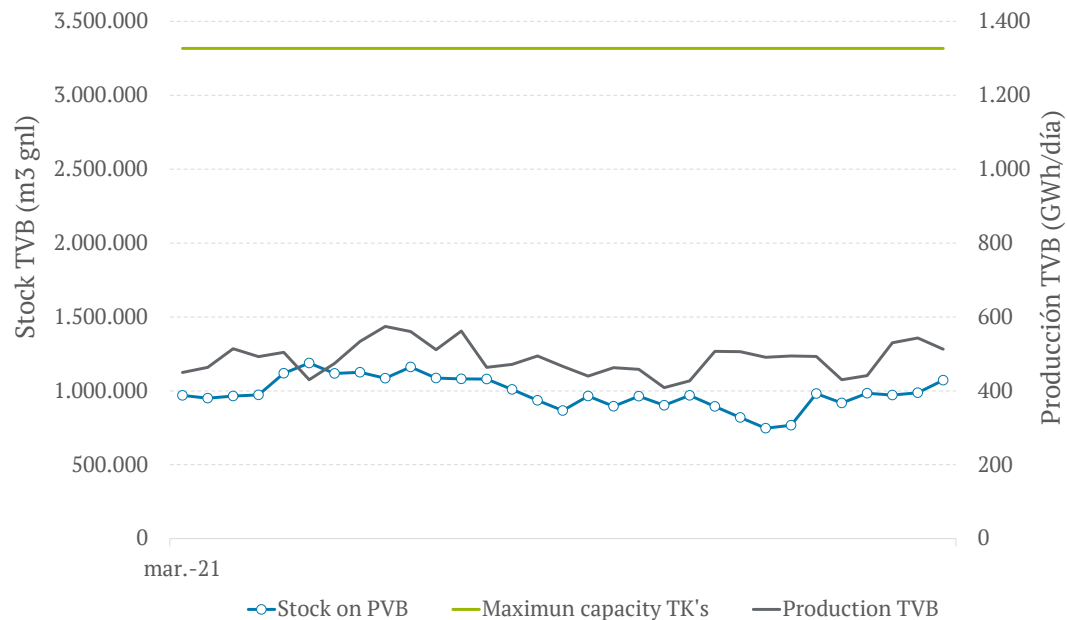
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## 4. TVB activity

### TVB Stock evolution and TVB production



#### March 2020

GWh/month

Total capacity	59.365
Contracted capacity TVB	13.949
Available capacity	45.416
Commercial regasification	13.656



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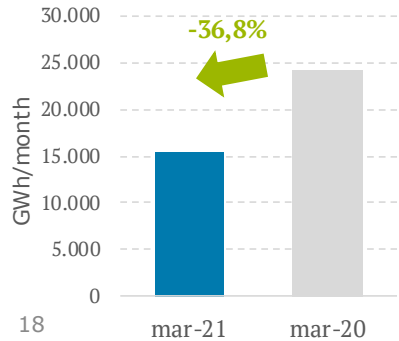
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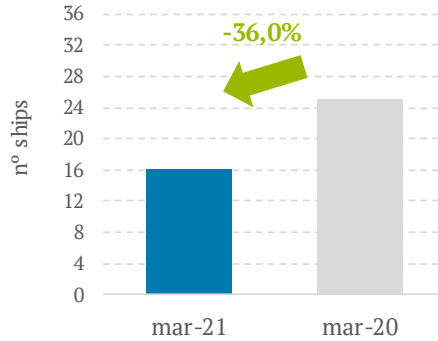
# 5. Regasification plants activity

GWh	Ships Unloaded			Number of Ships Unloaded			Ships Loaded			LNG Trucks		
	Mar-2021	Mar-2020	%Δ s/Mar 2020	Mar-2021	Mar-2020	%Δ s/Mar 2020	Mar-2021	Mar-2020	%Δ s/Mar 2020	Mar-2021	Mar-2020	%Δ s/Mar 2020
BARCELONA	2.883	5.788	-50,2%	3	6	-50,0%	65	39	68%	332	280	18,9%
HUELVA	4.834	6.209	-22,2%	5	6	-16,7%	0	15	-100%	251	253	-0,7%
CARTAGENA	913	4.045	-77,4%	1	5	-80,0%	3	0	>100%	289	244	18,3%
BILBAO	3.008	6.160	-51,2%	3	6	-50,0%	0	0	-	117	103	13,7%
SAGUNTO	494	889	-44,4%	1	1	0,0%	0	0	-	191	187	2,5%
MUGARDOS	3.164	1.102	>100%	3	1	>100%	0	0	-	130	118	10,5%
<b>Total</b>	<b>15.295</b>	<b>24.194</b>	<b>-36,8%</b>	<b>16</b>	<b>25</b>	<b>-36,0%</b>	<b>68</b>	<b>54</b>	<b>26%</b>	<b>1.311</b>	<b>1.184</b>	<b>10,7%</b>

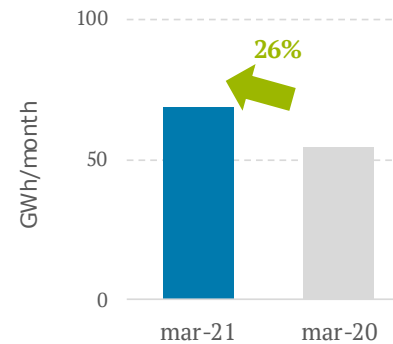
SHIPS UNLOADED



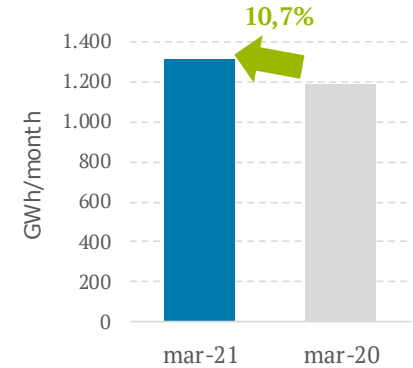
NUMBER OF SHIPS UNLOADED



SHIPS LOADED



LNG TRUCKS



(\*) SL-ATR distribution data

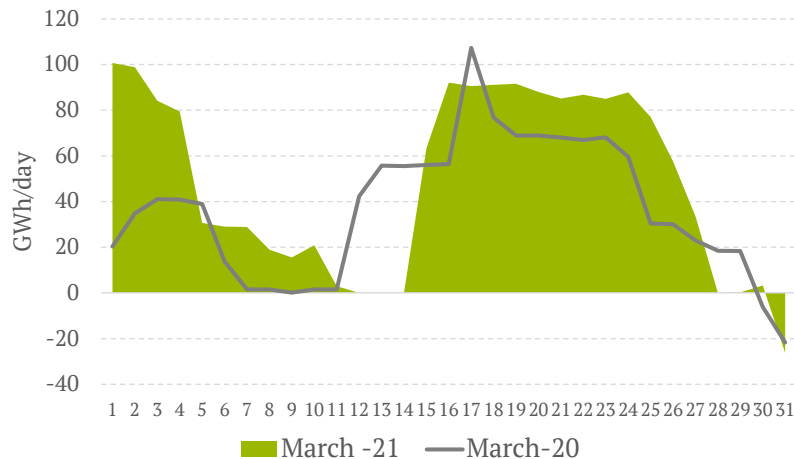
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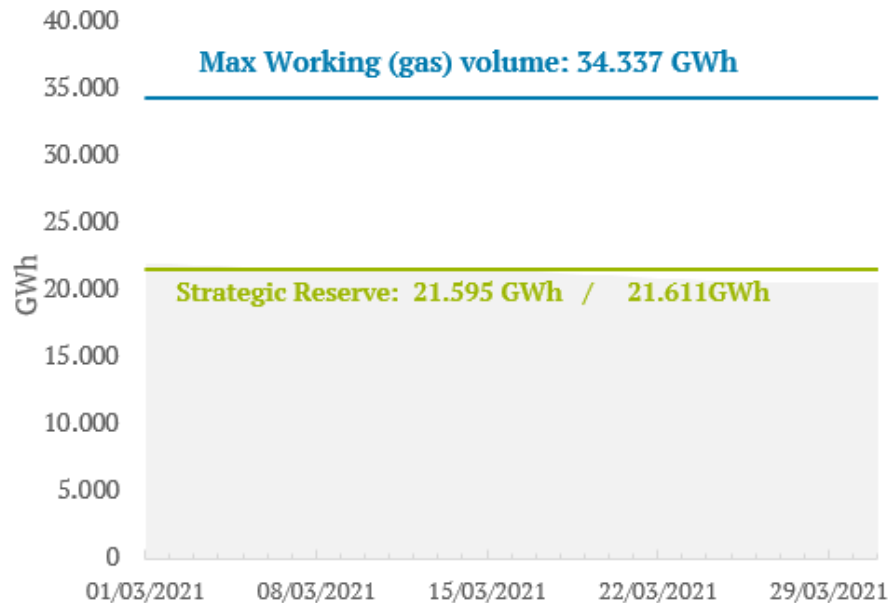
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# 6. UGS Activity

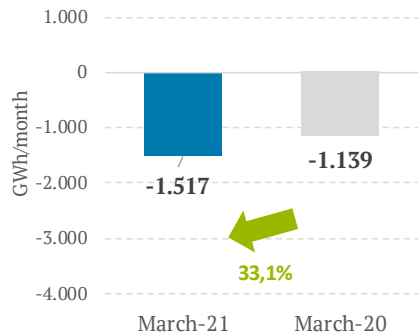
## Daily withdrawal March 2021 vs March 2020



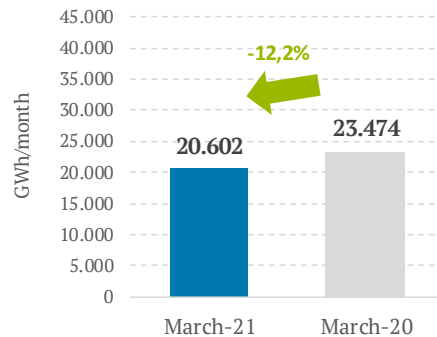
## Working (gas) evolution



### Withdrawal



### Working (gas) volumes



(\*) SL-ATR distribution data

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## 7. Operating notes and other relevant facts

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### Operating notes:

In March 2021, **two Operation notes** have been published:

- ❖ nota de operación n°5 related **Transitional rule in the winter period for the acceptance of an application for loading of GNL.**
- ❖ nota de operación n°6 related **Warning of low temperatures**

### 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



Thank you

