

# Statistical bulletin

## Technical Management of the System

April 2020

**PREVIEW**



# Content



## **1. Natural gas demand**

Natural gas demand flow-up

Evolution of conventional demand and power generation

Consumption by geographic location

## **2. Origin of supplies**

## **3. Interconnection Points**

## **4. Regasification Plants**

Unloads and loads of LNG vessels

Production at regasification plants

Activity by LNG plant

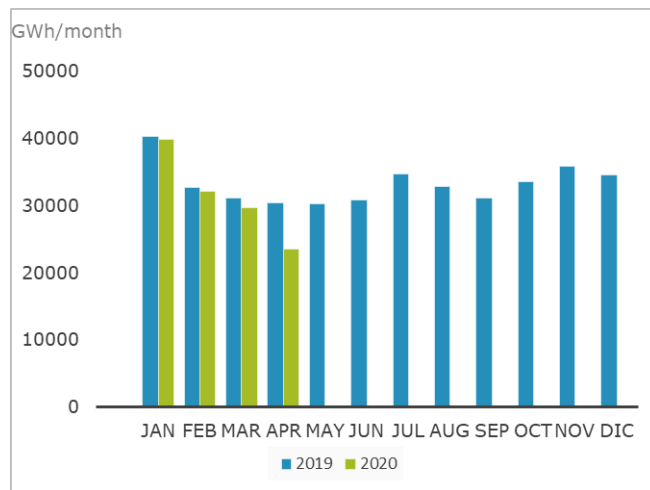
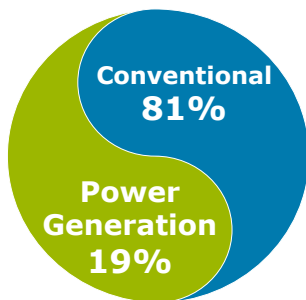
## **5. Underground storage**

## **6. Operating notes**

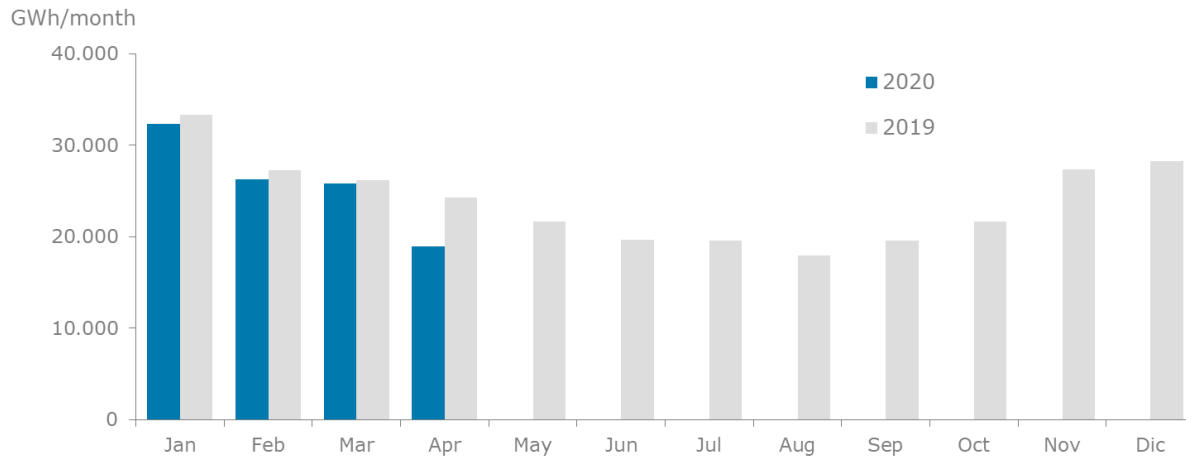
# Natural Gas demand follow-up

Unit : GWh	Month	% Δ Month	Year	% Δ Year	MAT	% Δ 2019
	1 <sup>st</sup> to 31 <sup>th</sup> March		Year 2020		1 <sup>st</sup> April 2019 to 31 <sup>nd</sup> Mar 2020	
<i>National Demand</i>	23.510	-22,7%	125.082	-7,0%	388.820	-2,4%
- Conventional demand	18.943	-21,9%	103.474	-6,8%	279.340	-2,7%
- NG for Power Generation	4.568	-25,8%	21.608	-7,6%	109.480	-1,6%
<i>International Demand</i>	0	0,0%	0	0,0%	0	0,0%
- International connections exports	81	-87,6%	2.150	256,3%	12.422	5,8%
- LNG Vessel loading	44,09	-42,7%	249	>100%	484	47,8%
<b>TOTAL</b>	<b>23.635</b>	<b>-24,1%</b>	<b>127.481</b>	<b>-6,2%</b>	<b>401.726</b>	<b>-2,1%</b>

National demand  
April - 2020

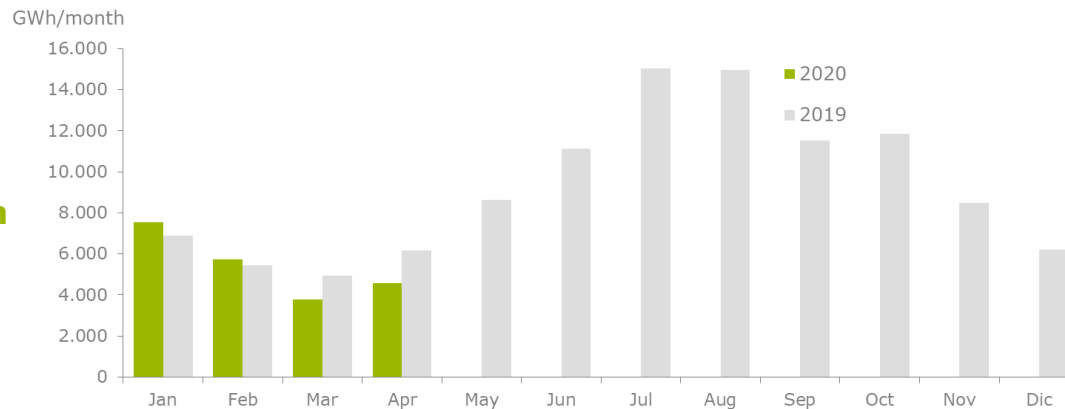


# Natural Gas demand follow-up



**Conventional demand  
2019 - 2020**

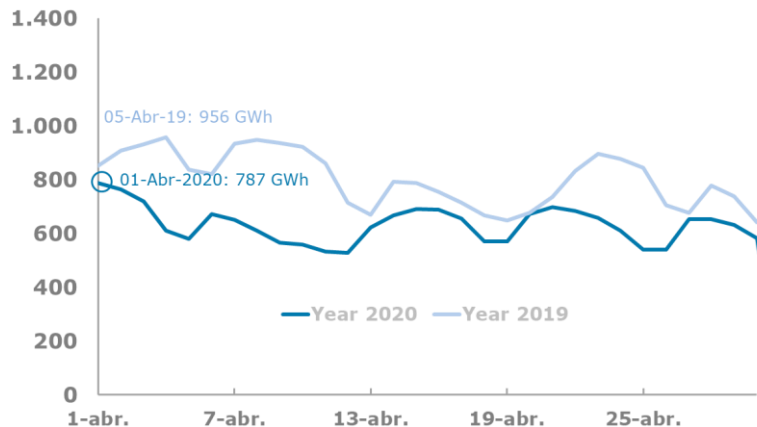
**NG for Power Generation  
2019 - 2020**



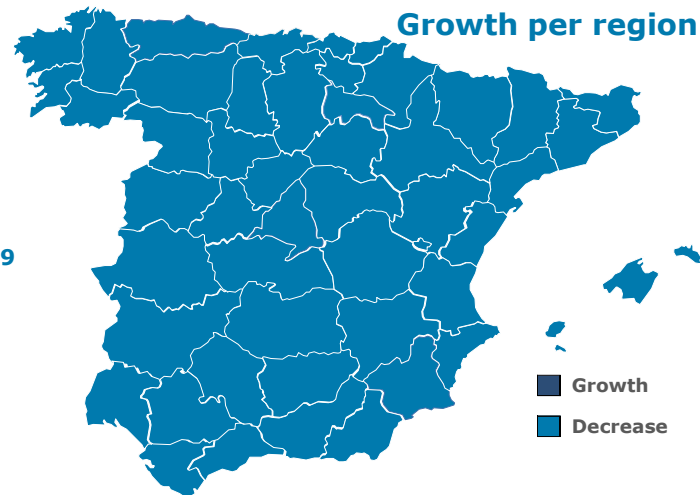
# Conventional demand

## Comparison 2019-2020

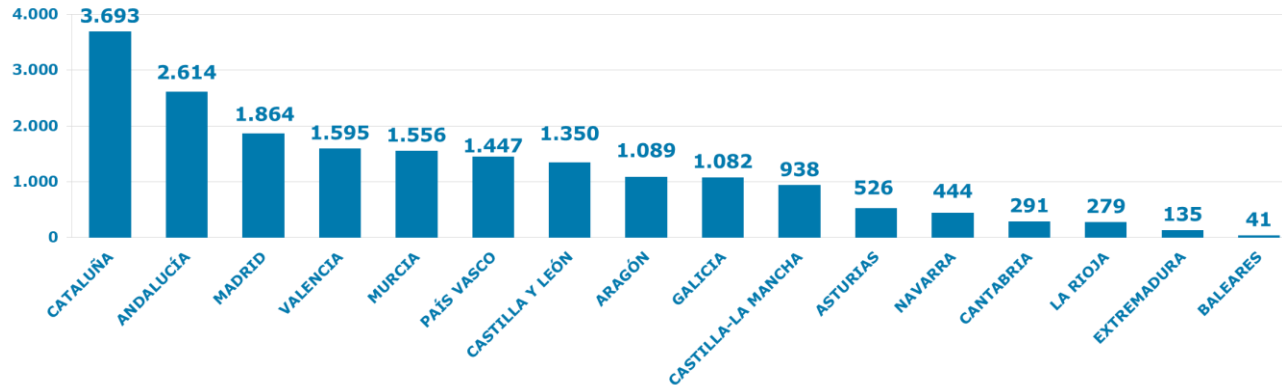
Unit: GWh



Decrease -21.9% vs. 2019

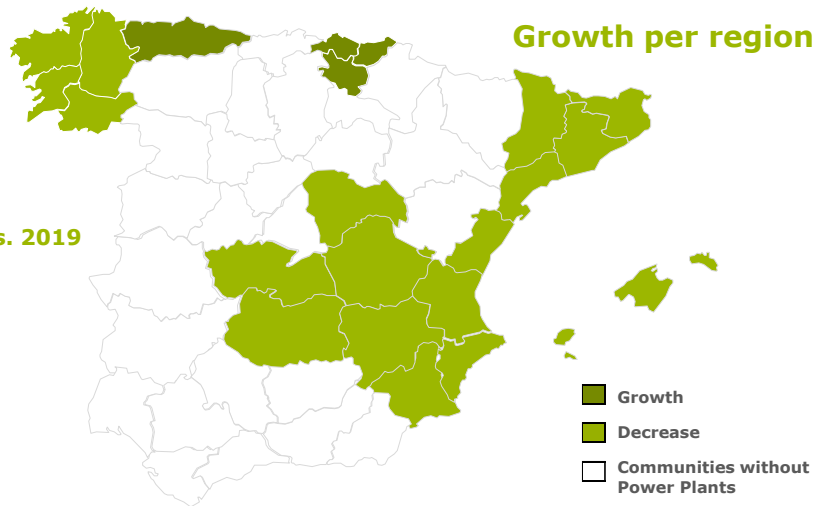


## Conventional demand per CCAA (GWh)

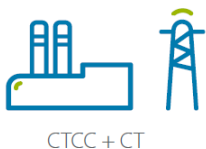
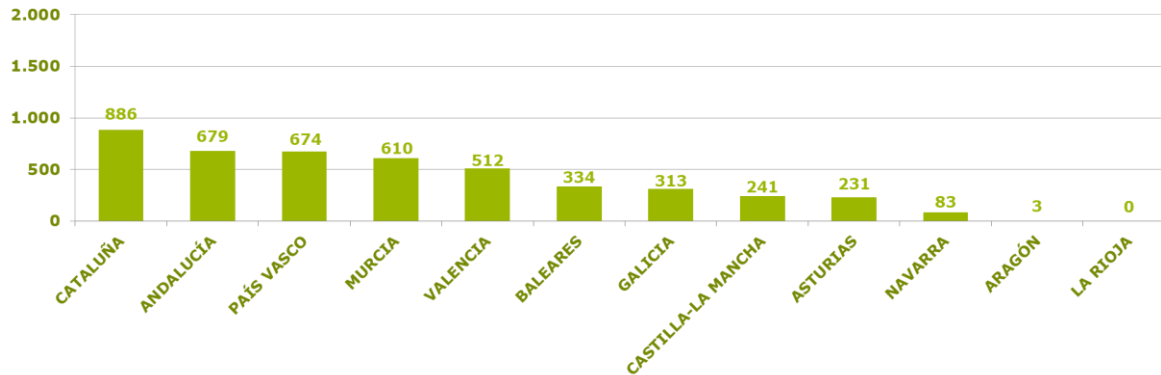


# Natural gas for power generation

## Comparison 2019-2020

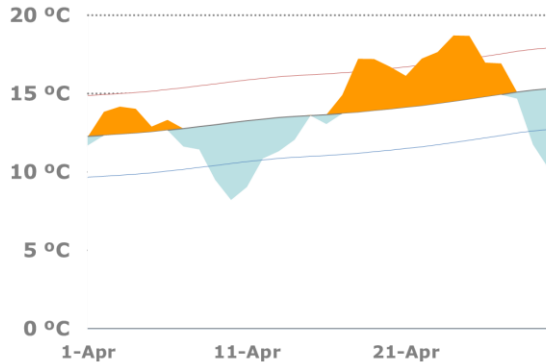


## NG for Power Generation (GWh)

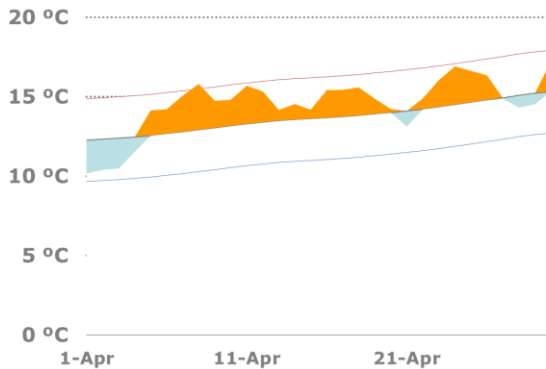


# Demand - Temperatures

## Temperatures 2019

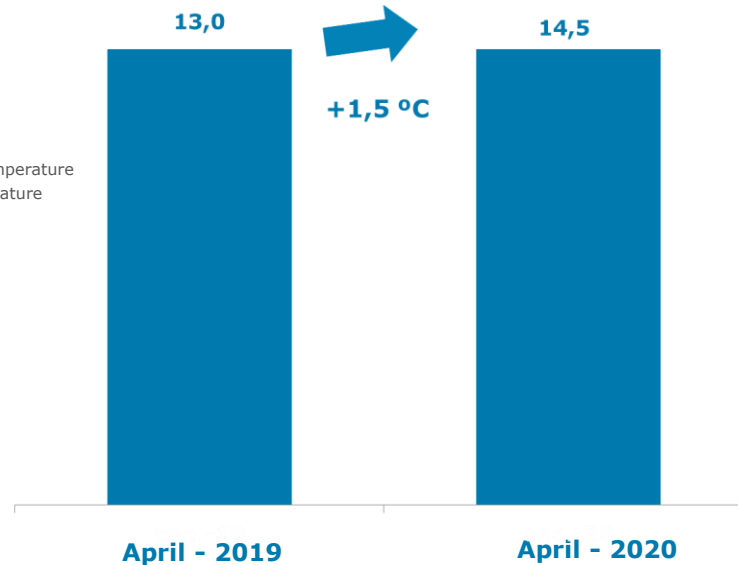


## Temperatures 2020



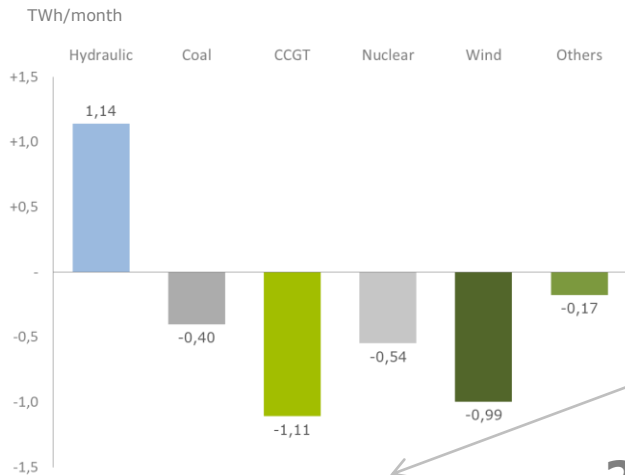
— Average temperature  
— Real temperature

- Temperatures have been highest during April 2020 in comparison with April 2019.
- The average temperature has been **+1.5°C** highest than the average of April 2019.

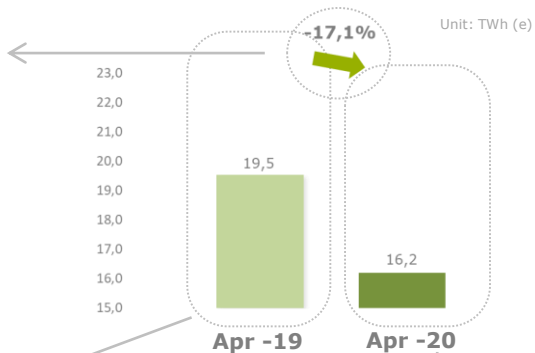


# Gas for power generation

## GROWTH APR-20 VS. APR-19



## TRANSMISSION DEMAND APR-20 VS. APR-19

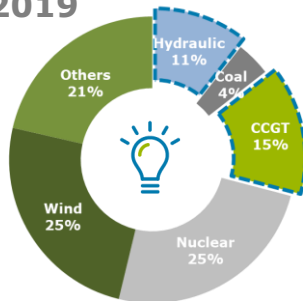


## CAPACITY

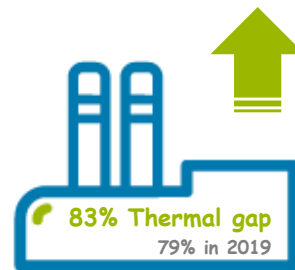
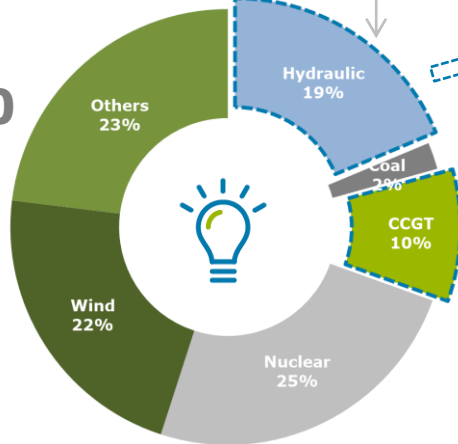
**TOTAL :** 55,622 hm<sup>3</sup> = 22,964 GWh  
**ACTUAL :** 36,396 hm<sup>3</sup> = 15,301 GWh



2019



2020





# Gas for power generation



## Monthly record

## Mobile Anual Total Record

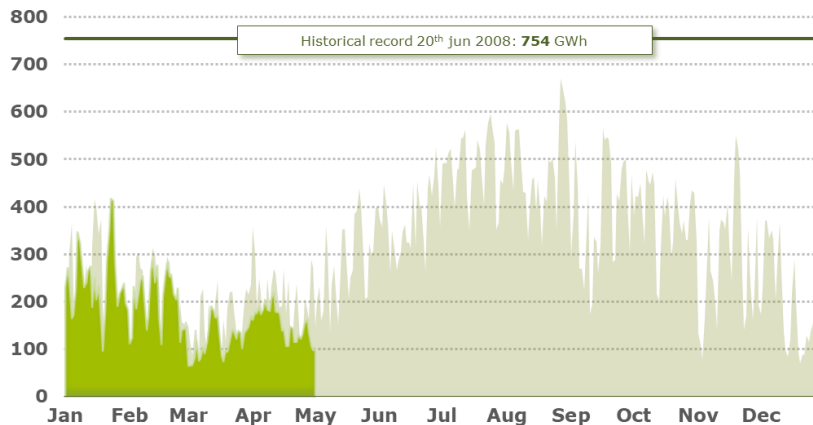
Unit: GWh

	Apr-18	Apr-19	Δ s/Apr-18	Year 2019	MAT May-2019/Apr-2020	Δ over/Year 2018
<b>NG for Power Generation</b>	<b>6.160</b>	<b>4.568</b>	<b>-25,8%</b>	<b>21.608</b>	<b>109.480</b>	<b>-1,6%</b>
- Thermal Power Plants	3	4	+31%	44	112	-3,8%
- CCGT's	6.157	4.564	-26%	21.563	109.368	-1,6%
<b>Maximum daily consumpti</b>	<b>358</b>	<b>221</b>	<b>-38%</b>	<b>417</b>	<b>671</b>	<b>+61%</b>
	01-Apr-19	10-Apr-20		23-Jan-20	27-Aug-19	
<b>Minimum daily consumption</b>	<b>82</b>	<b>97</b>	<b>+18%</b>	<b>65</b>	<b>65</b>	<b>-</b>
	06-Apr-19	29-Apr-20		01-Mar-20	01-Mar-20	



GWh/day

■ Year 2019 ■ Year 2020



# Content

A yellow sign with the ENAGAS logo and text is visible in the top right corner of the slide. The sign is partially cut off but clearly shows the word 'ENAGAS' and some smaller text above it.

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Natural gas demand flow-up

Evolution of conventional demand and power generation

Consumption by geographic location

## 2. Origin of supplies

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## 4. Regasification Plants

Unloads and loads of LNG vessels

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## 5. Underground storage

## 6. Operating notes

# Origin of supplies

		Monthly record		Annual Total record		Mobile Annual Total record	
Unit: GWh		Apr-18	Apr-19	Year 2019	% 2019	MAT May-18/Apr-19	% MAT
Algeria	NG	8.786	4.754	24.008	} 21,5%	107.509	} 28,3%
	LNG	3.228	497	986		8.346	
Nigeria	LNG	4.757	4.546	12.182	10,5%	42.047	10,3%
Qatar	LNG	2.733	880	7.590	6,5%	47.473	11,6%
T&T	LNG	2.678	1.756	11.257	9,7%	30.853	7,5%
Peru	LNG	-	-	866	0,7%	5.870	1,4%
France	NG	4.359	2.198	10.584	} 9,1%	37.434	} 9,1%
	LNG	-	-	-		-	
Angola	LNG	-	1.021	2.042	1,8%	4.068	1,0%
United States	LNG	996	4.764	25.015	21,5%	63.050	15,4%
Norway	LNG	927	-	942	0,8%	6.466	1,6%
Bélgica	LNG	-	-	1.031	0,9%	2.069	0,5%
National gas field	NG	149	47	211	0,2%	943	0,2%
National biogas	NG	10	9	36	0,0%	100	0,0%
Portugal	NG	214	579	1.246	1,1%	1.707	0,4%
Dominican Republic	LNG	-	-	-	0,0%	-	0,0%
Russia	LNG	1.093	2.190	10.883	9,4%	43.286	10,6%
Camerún	LNG	-	-	-	0,0%	-	0,0%
Guinea Ecuatorial	LNG	-	-	4.856	4,2%	5.831	1,4%
Argentina	LNG	-	-	1.691	1,5%	1.691	0,4%
<b>TOTAL</b>		<b>29.930</b>	<b>23.243</b>	<b>116.395</b>	<b>100%</b>	<b>409.709</b>	<b>100%</b>

# Content

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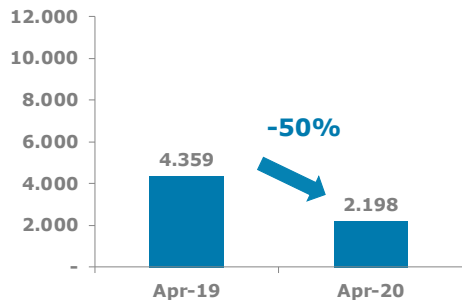
## 6. Operating notes

# Interconnection points

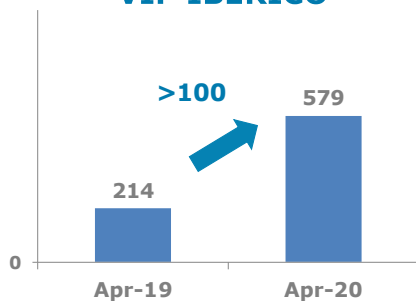
## Imports

Unit: GWh

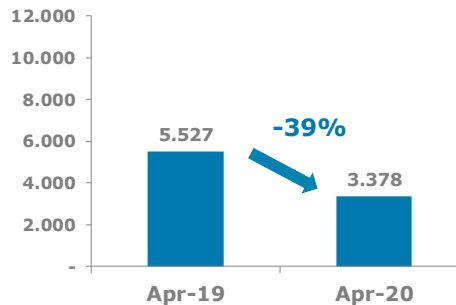
### VIP PIRINEOS



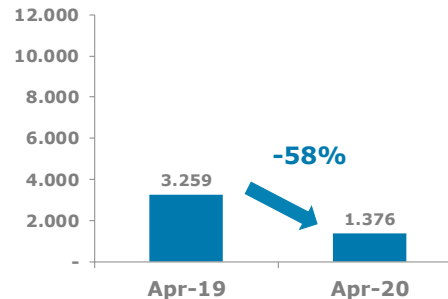
### VIP IBÉRICO



### ALMERÍA



### TARIFA

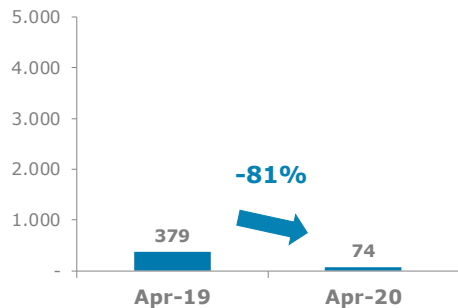


# Interconnection points

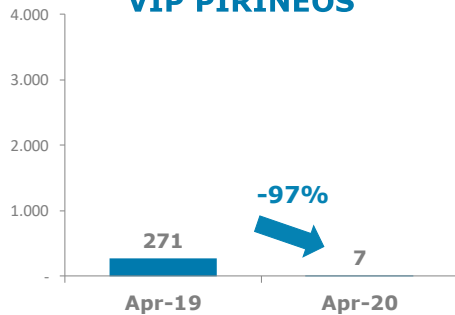
## Exports



Unit: GWh **VIP IBÉRICO**



**VIP PIRINEOS**



# Interconnection points

## Balance

### Monthly Record

### Monthly Mobile Annual Record

Unit: GWh	Apr-19	Apr-20	Δ over/Apr-19	Year 2019	MAT May-18/Apr-19	Δ s/2019
Tarifa GME	3.259	1.376	-58%	7.052	41.206	-23%
Almería MEDGAZ	5.527	3.378	-39%	16.956	60.374	-10%
VIP PIRINEOS	4.088	2.190	-46%	9.336	31.991	-28%
VIP IBÉRICO	-164	506	-408%	344	-5.273	-1%
National gas field	149	47	-68%	211	943	-30%
National biogas	10	9	-6%	36	100	0%
<b>TOTAL</b>	<b>12.869</b>	<b>7.507</b>	<b>-42%</b>	<b>33.936</b>	<b>129.342</b>	<b>-19,7%</b>

(+) Entry flows; (-) Exit flows



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# Activity at Barcelona plant



TRUCKS		Apr-19	Apr-20
LNG Trucks (promedium)	GWh/day	15	16
Loads	GWh/month	283	250



2019

7 LNG Unloaded  
(6.404 GWh)  
0 LNG Loaded  
(0 GWh)



2020

3 LNG Unloaded  
(2.853 GWh)  
0 LNG Loaded  
(0 GWh)

# Activity at Huelva plant



TRUCKS		Apr-19	Apr-20
LNG Trucks (promedium)	GWh/day	8	10
Loads	GWh/month	212	186

## 2019

5 LNG Unloaded  
(4.374 GWh)  
2 LNG Loaded  
(77 GWh)



## 2020

2 LNG Unloaded  
(1.863 GWh)  
1 LNG Loaded  
(28 GWh)

\* Bunkering

# Activity at Cartagena plant



TRUCKS		Apr-19	Apr-20
LNG Trucks (promedium)	GWh/day	9	9
Loads	GWh/month	229	179

## 2019

1 LNG Unloaded  
(916 GWh)  
0 LNG Loaded  
(0 GWh)



## 2020

2 LNG Unloaded  
(1.823 GWh)  
0 LNG Loaded  
(0 GWh)

# Activity at Bilbao plant



TRUCKS		Apr-19	Apr-20
LNG Trucks (promedium)	GWh/day	3	5
Loads	GWh/month	89	67



## 2019

4 LNG Unloaded  
(3.771 GWh)  
0 LNG Loaded  
(0 GWh)



## 2020

5 LNG Unloaded  
(4.879 GWh)  
0 LNG Loaded  
(0 GWh)

# Activity at Sagunto plant



Contract information (Average value)		Apr-19	Apr-20
LNG Trucks (promedium)	GWh/day	4	9
Loads	GWh/month	109	143

2019

1 LNG Unloaded  
(947 GWh)  
0 LNG Loaded  
(0 GWh)



2020

3 LNG Unloaded  
(2.288 GWh)  
0 LNG Loaded  
(0 GWh)

# Activity at Mugardos plant



Contract information (Average value)		Apr-19	Apr-20
LNG Trucks (promedium)	GWh/day	4	4
Loads	GWh/month	108	85

2019

0 LNG Unloaded  
(0 GWh)  
0 LNG Loaded  
(0 GWh)



2020

2 LNG Unloaded  
(1.949 GWh)  
1 LNG Loaded  
(16 GWh)

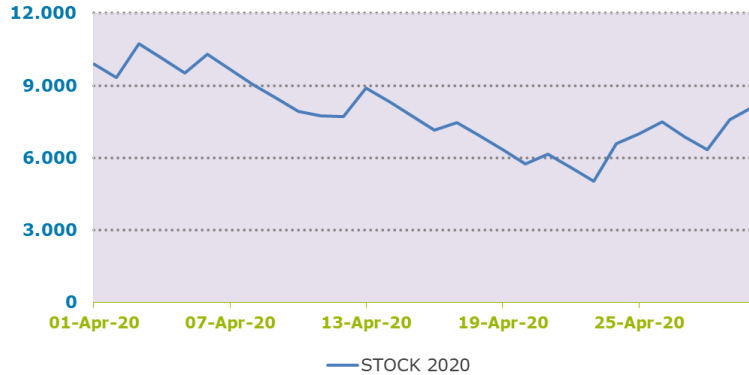
# Activity at TVB plant (Virtual Balance Tank)



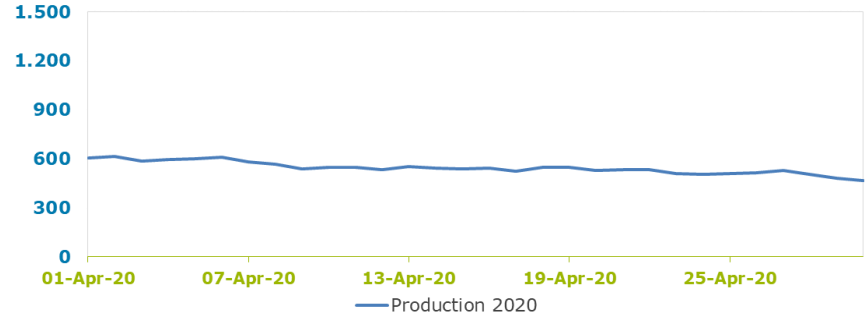
	Technical Capacity	Regasification Contracted Capacity	Available Regasification Capacity	SENDOUT	INVENTORY
Apr-20	57.462	20.705	36.757	16.335	235.825

GWh/month

GWh



GWh



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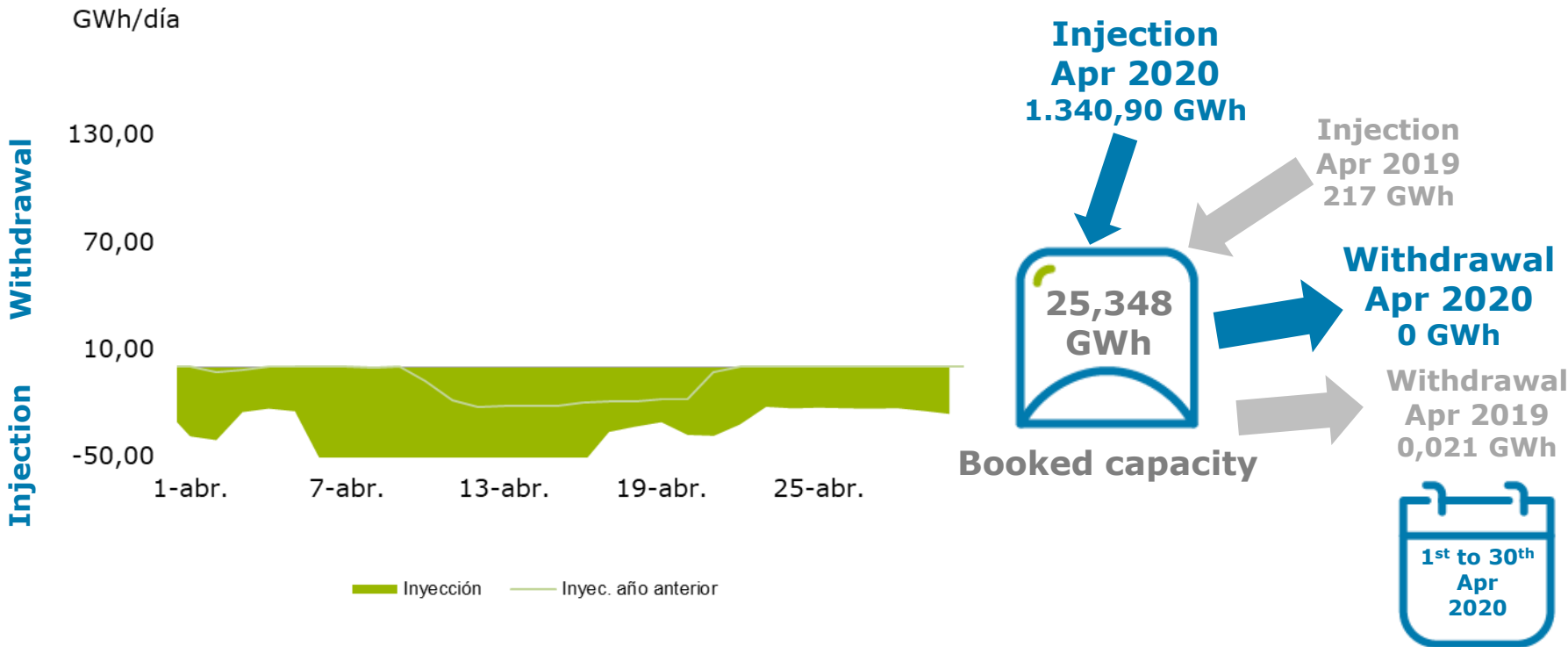
Activity by LNG plant

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## 6. Operating notes



## Withdrawal / injection season



# Content



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**No Operating Notes** were published during **April 2020**



The Operating notes can be checked at the [Enagás Website](#)

Thank you

