

Statistical bulletin

Technical Management of the System

May 2020

PREVIEW



Content

The background of the slide is a photograph of a field with tall grass. A yellow sign with the word 'EMAGAS' is visible in the upper right, and a yellow pole is in the lower right. The sky is blue with some clouds.

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

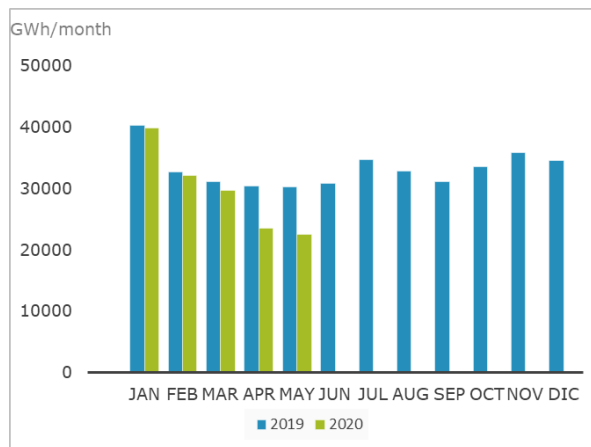
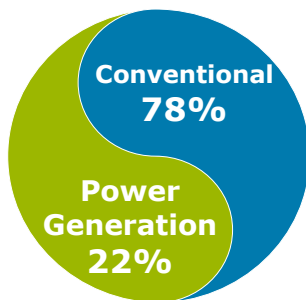
5. Underground storage

6. Operating notes

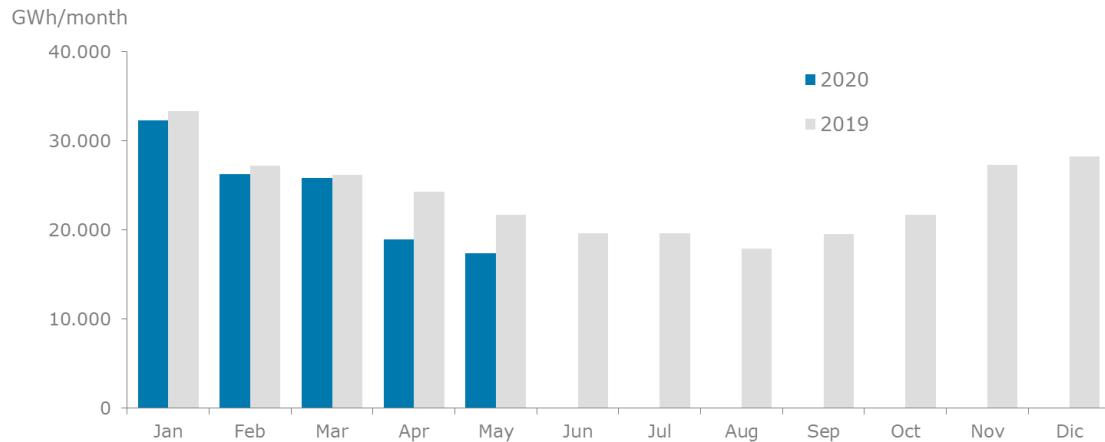
Natural Gas demand follow-up

Unit : GWh	Month	% Δ Month	Year	% Δ Year	MAT	% Δ 2019
	1 st to 31th May		Year 2020		1 st May 2019 to 30 th Apr 2020	
<i>National Demand</i>	22.486	-25,8%	147.565	-10,4%	411.303	3,3%
- Conventional demand	17.426	-19,6%	120.898	-8,9%	296.764	3,4%
- NG for Power Generation	5.059	-41,3%	26.667	-16,7%	114.539	2,9%
<i>International Demand</i>	0	0,0%	0	0,0%	0	0,0%
- International conexions exports	1.229	89,2%	3.379	460,0%	13.651	16,2%
- LNG Vessel loading	96,12	25,0%	345	>100%	580	77,1%
TOTAL	23.811	-23,6%	151.289	11,2%	425.533	3,7%

National demand
May - 2020

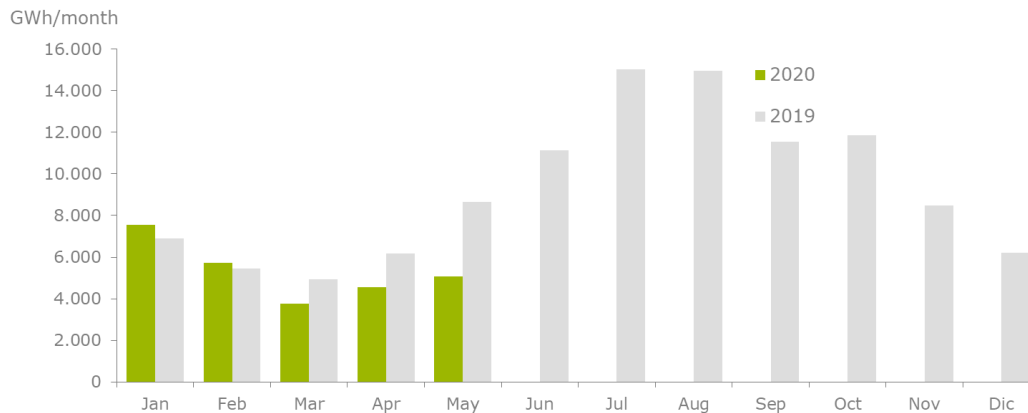


Natural Gas demand follow-up



**Conventional demand
2019 - 2020**

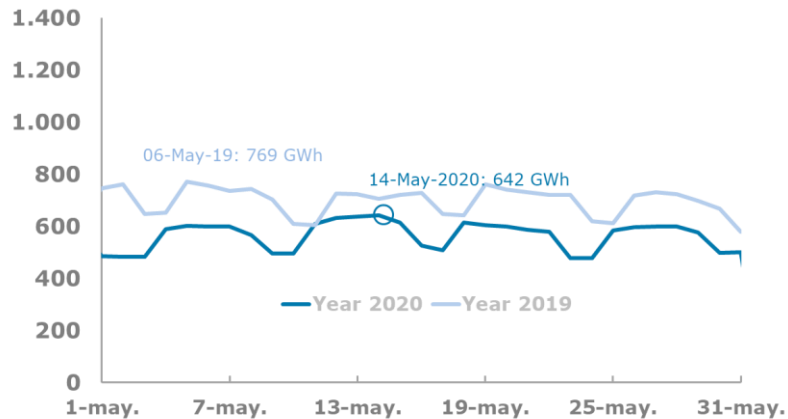
**NG for Power Generation
2019 - 2020**



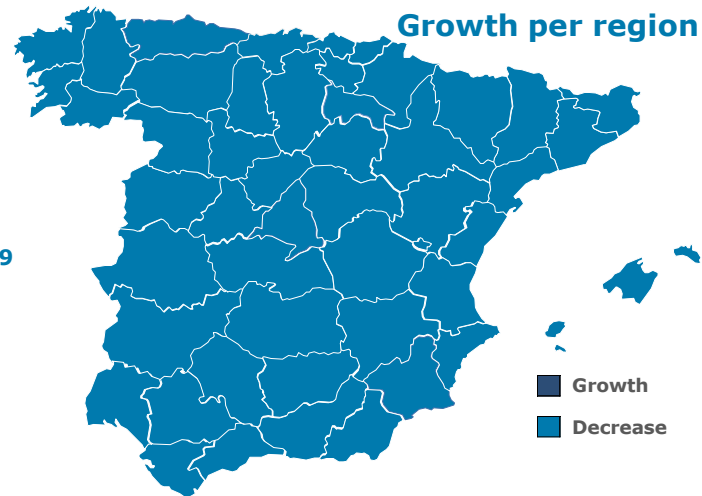
Conventional demand

Comparison 2019-2020

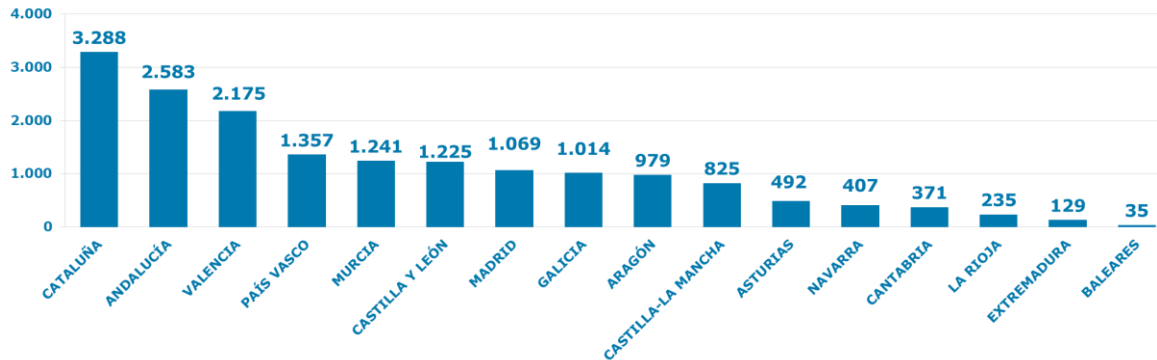
Unit: GWh



Decrease -19.6% vs. 2019

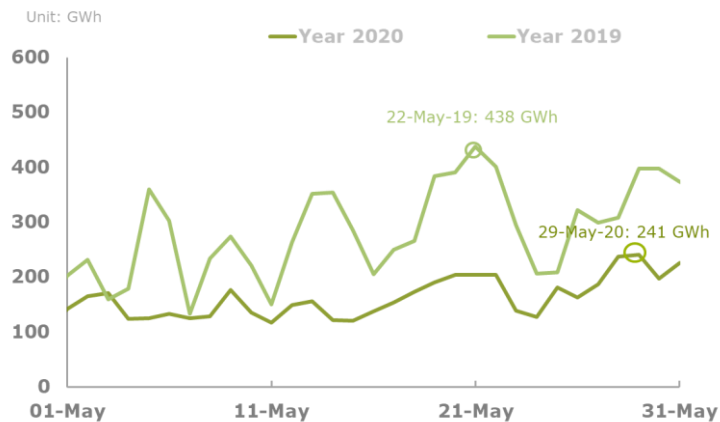


Conventional demand per CCAA (GWh)

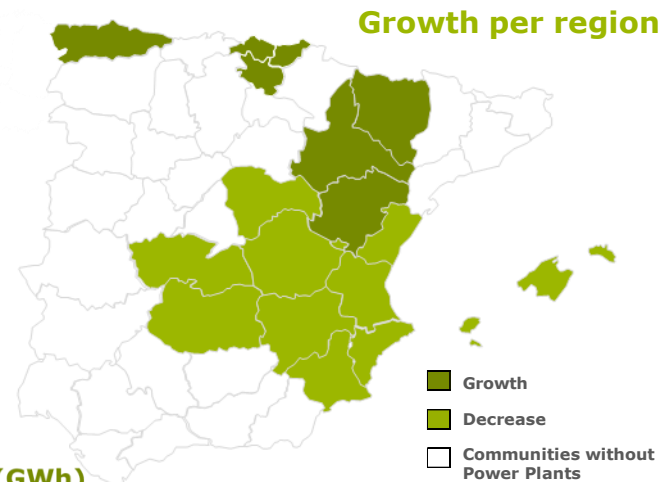


Natural gas for power generation

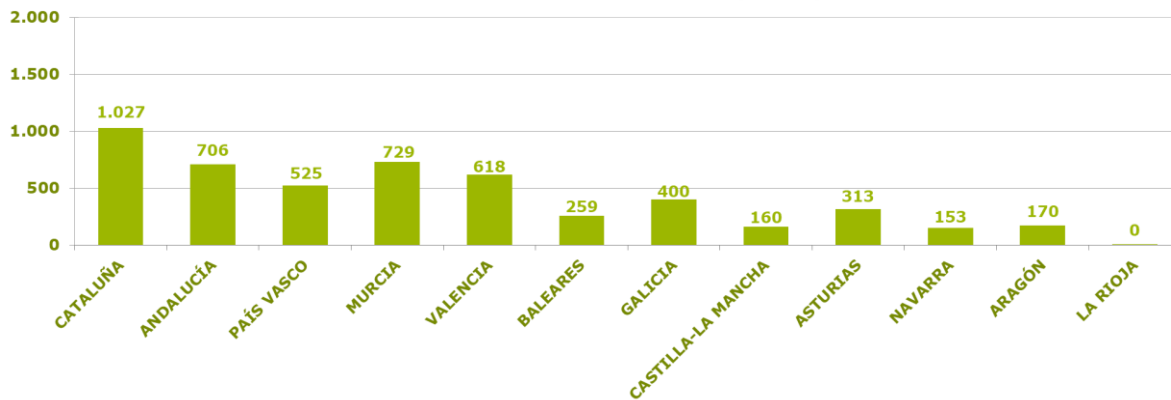
Comparison 2019-2020



Decrease -41.3% vs. 2019



NG for Power Generation (GWh)

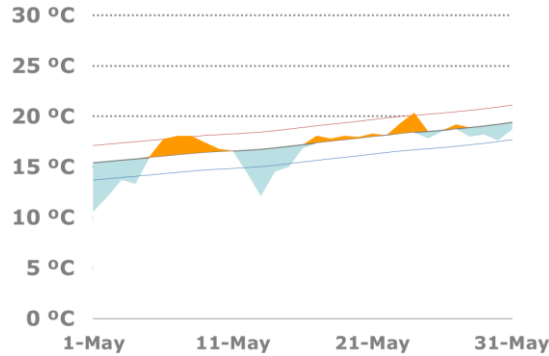


CTCC + CT

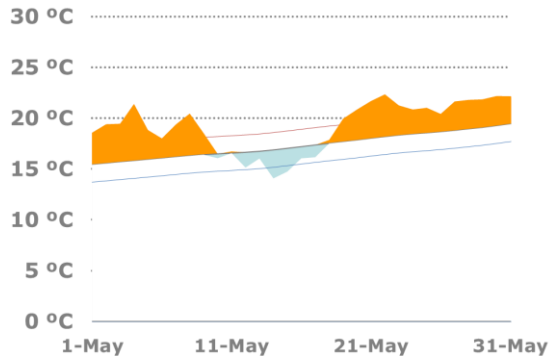


Demand - Temperatures

Temperatures 2019

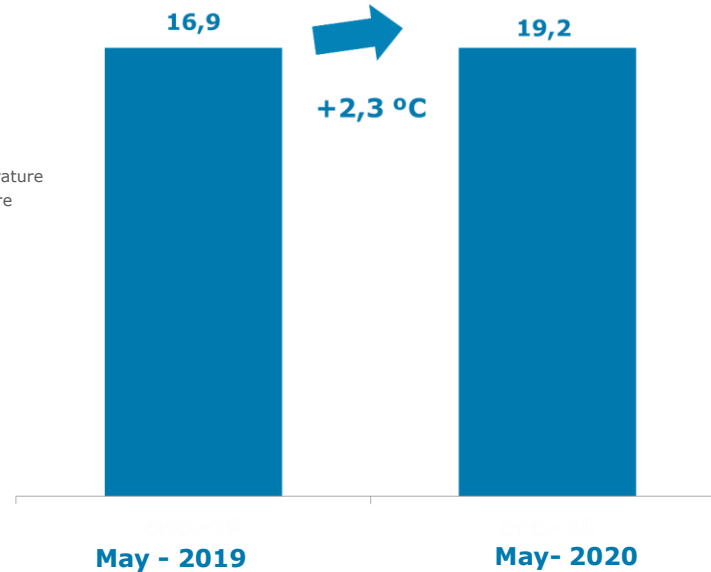


Temperatures 2020



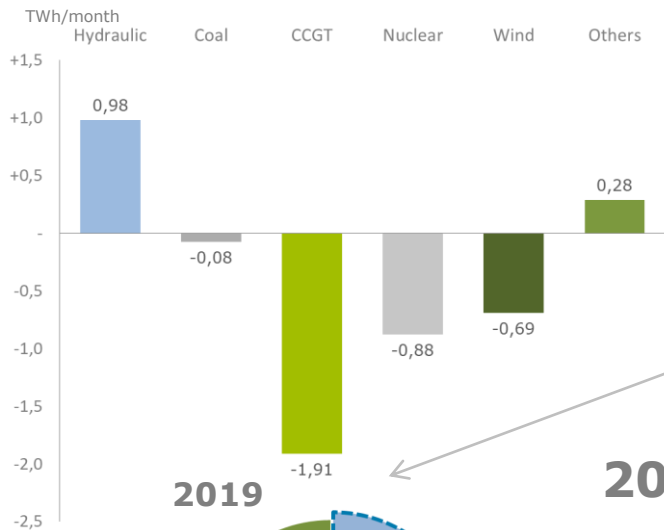
- Temperatures have been highest during May 2020 in comparison with May 2019.
- The average temperature has been **+2.3°C** highest than the average of May 2019.

— Average temperature
— Real temperature

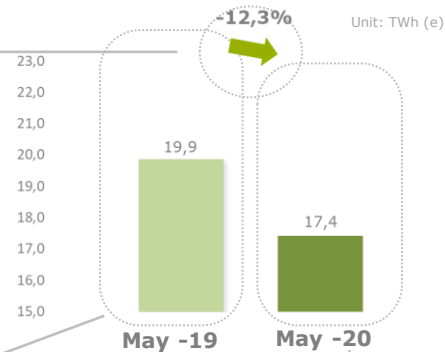


Gas for power generation

GROWTH MAY-20 VS. MAY-19

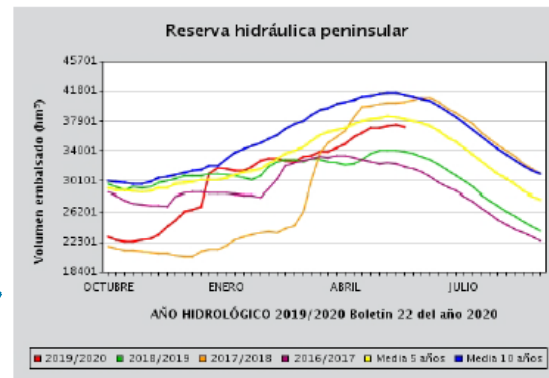


TRANSMISSION DEMAND MAY-20 VS. MAY-19

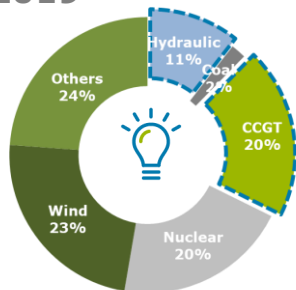


CAPACITY

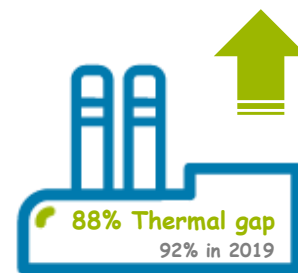
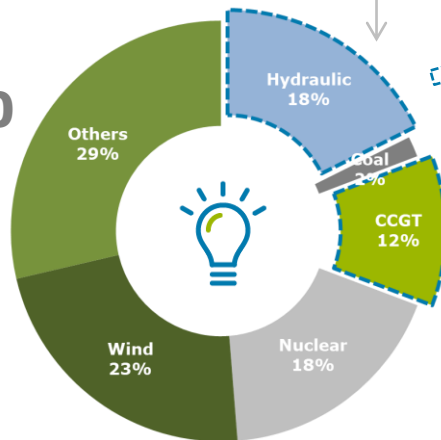
TOTAL : 55,622 hm³ = 22,964 GWh
ACTUAL : 37,120 hm³ = 16,056 GWh



2019



2020



Gas for power generation

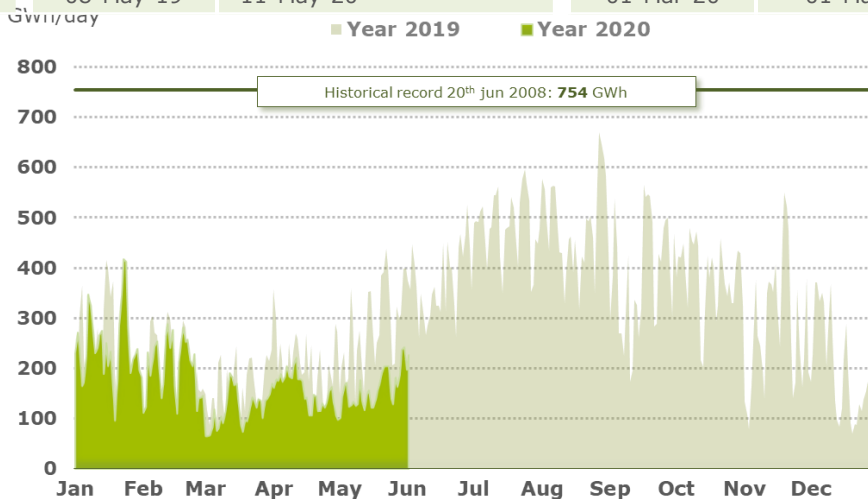


Monthly record

Mobile Anual Total Record

Unit: GWh

	May-18	May-19	Δ s/may-18	Year 2019	MAT Jun-2019/May-2020	Δ over/Year 2018
NG for Power Generation	8.641	5.059	-41,5%	26.667	114.539	+2,9%
- Thermal Power Plants	5	9	+64%	53	121	+3,9%
- CCGT's	8.636	5.050	-42%	26.613	114.418	+2,9%
Maximum daily consumption	438	241	-45%	417	671	+61%
	22-May-19	29-May-20		23-Jan-20	27-Aug-19	
Minimum daily consumption	133	117	-12%	65	65	-
	08-May-19	11-May-20		01-Mar-20	01-Mar-20	



Content

A yellow rectangular sign with the word 'EMAGAS' in bold black letters. Above it, in smaller text, is 'MANAGED BY ENAGAS'. Below 'EMAGAS', there is some smaller, less legible text, possibly including a phone number and a website.

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

Origin of supplies

		Monthly record		Annual Total record		Mobile Annual Total record	
Unit: GWh		May-18	May-19	Year 2019	% 2019	MAT Jun-18/May-19	% MAT
Algeria	NG	9.294	5.032	29.088	} 20,9%	103.295	} 27,0%
	LNG	2.742	-	986		5.604	
Nigeria	LNG	3.921	4.629	16.811	11,7%	42.755	10,6%
Qatar	LNG	4.500	1.813	9.404	6,5%	44.786	11,1%
T&T	LNG	2.712	2.908	14.165	9,8%	31.049	7,7%
Peru	LNG	-	-	866	0,6%	5.870	1,5%
France	NG	3.975	2.446	13.030	} 9,1%	35.904	} 8,9%
	LNG	-	-	-		-	
Angola	LNG	1.008	-	2.042	1,4%	3.060	0,8%
United States	LNG	3.945	7.315	32.331	22,5%	66.421	16,5%
Norway	LNG	-	910	1.852	1,3%	7.376	1,8%
Bélgica	LNG	-	-	-	0,0%	1.038	0,3%
National gas field	NG	111	44	255	0,2%	875	0,2%
National biogas	NG	9	9	45	0,0%	101	0,0%
Portugal	NG	50	128	1.375	1,0%	1.785	0,4%
Dominican Republic	LNG	-	-	-	0,0%	-	0,0%
Russia	LNG	2.300	2.192	14.106	9,8%	44.208	11,0%
Camerún	LNG	-	-	-	0,0%	-	0,0%
Guinea Ecuatorial	LNG	-	-	4.856	3,4%	5.831	1,4%
Argentina	LNG	-	-	1.691	1,2%	1.691	0,4%
TOTAL		34.568	27.427	143.870	100%	402.616	100%

Content

A yellow sign with the word "EMAGAS" in bold black letters is visible in the top right corner of the slide. The sign also contains some smaller, less legible text and a small logo.

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

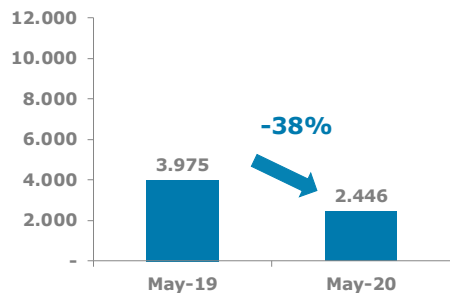
6. Operating notes

Interconnection points

Imports

Unit:: GWh

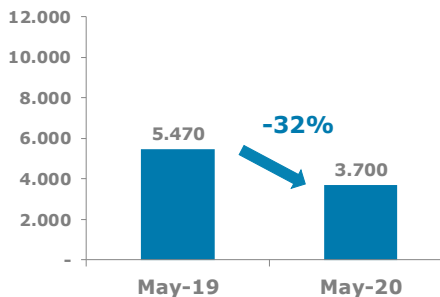
VIP PIRINEOS



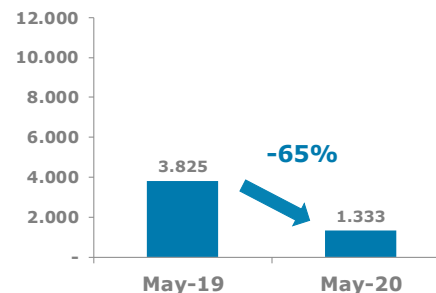
VIP IBÉRICO



ALMERÍA



TARIFA



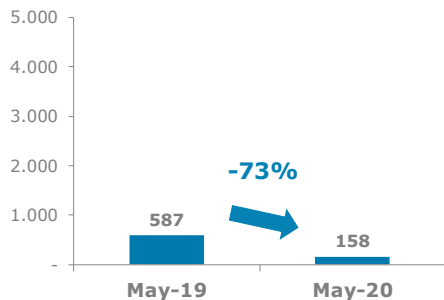
Interconnection points

Exports

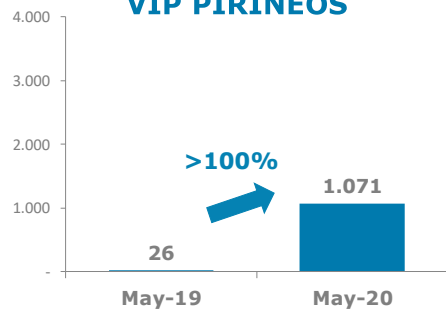
Unit: GWh



VIP IBÉRICO



VIP PIRINEOS



Interconnection points

Balance

Monthly Record

Monthly Mobile Annual Record

Unit: GWh

	May-19	May-20	Δ over/May-19	Year 2019	MAT Jun-18/May-19	Δ s/2019
Tarifa GME	3.825	1.333	-65%	8.432	38.762	-27%
Almería MEDGAZ	5.470	3.700	-32%	20.656	58.604	-12%
VIP PIRINEOS	3.950	1.374	-65%	10.711	29.416	-34%
VIP IBÉRICO	-537	-29	-95%	315	-4.765	-11%
National gas field	111	44	-61%	255	875	-35%
National biogas	9	9	3%	45	101	0%
TOTAL	12.827	6.430	-50%	40.414	122.993	-23,7%

(+) Entry flows; (-) Exit flows



Content

A yellow sign with the word "EMAGAS" in bold black letters is visible in the upper right corner of the slide. The sign also contains some smaller, less legible text and a small logo.

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

Activity at Barcelona plant



TRUCKS		May-19	May-20
LNG Trucks (promedium)	GWh/day	15	16
Loads	GWh/month	287	252

2019

7 LNG Unloaded
(6.558 GWh)
1 LNG Loaded
(27,91375 GWh)



2020

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

Activity at Huelva plant



TRUCKS		May-19	May-20
LNG Trucks (promedium)	GWh/day	8	10
Loads	GWh/month	207	185

2019

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



2020

4 LNG Unloaded
(3.832 GWh)
2 LNG Loaded
(96 GWh)

Activity at Cartagena plant



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

2019

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



2020

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

Activity at Bilbao plant



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

2019

6 LNG Unloaded
(6.222 GWh)
0 LNG Loaded
(0 GWh)



2020

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

Activity at Sagunto plant



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

2019

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



2020

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

Activity at Mugardos plant



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

2019

1 LNG Unloaded
(115 GWh)
1 LNG Loaded
(4 GWh)



2020

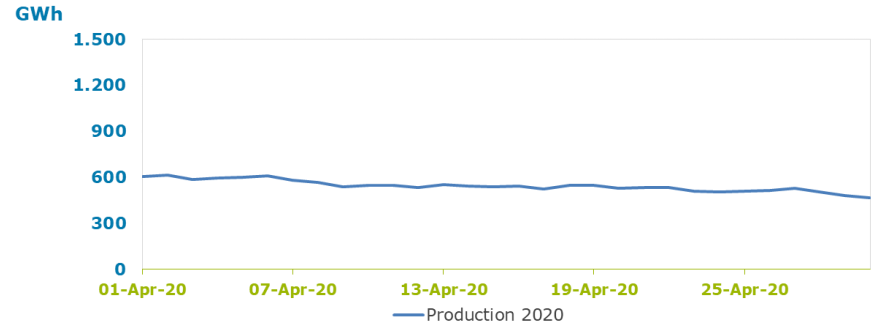
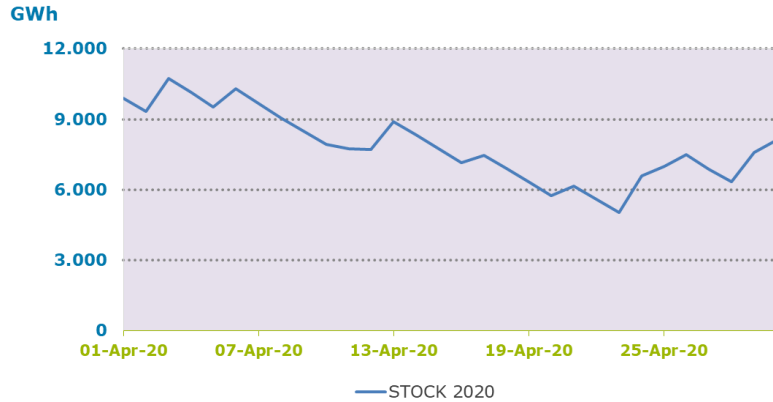
2 LNG Unloaded
(1.941 GWh)
0 LNG Loaded
(0 GWh)

Activity at TVB plant (Virtual Balance Tank)



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

GWh/month



Content

A yellow sign with the word "EMAGAS" in bold black letters is visible in the upper right corner of the slide. The sign also contains some smaller, less legible text and a small logo.

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

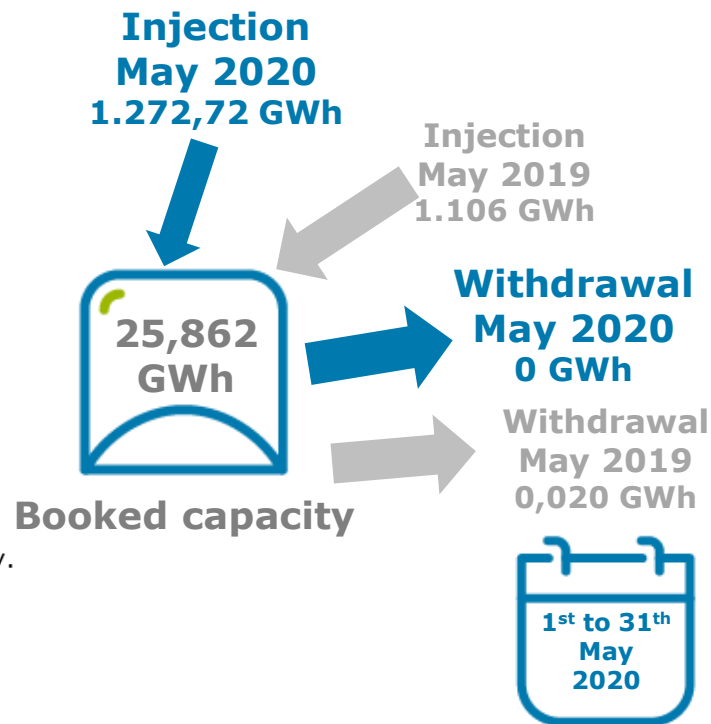
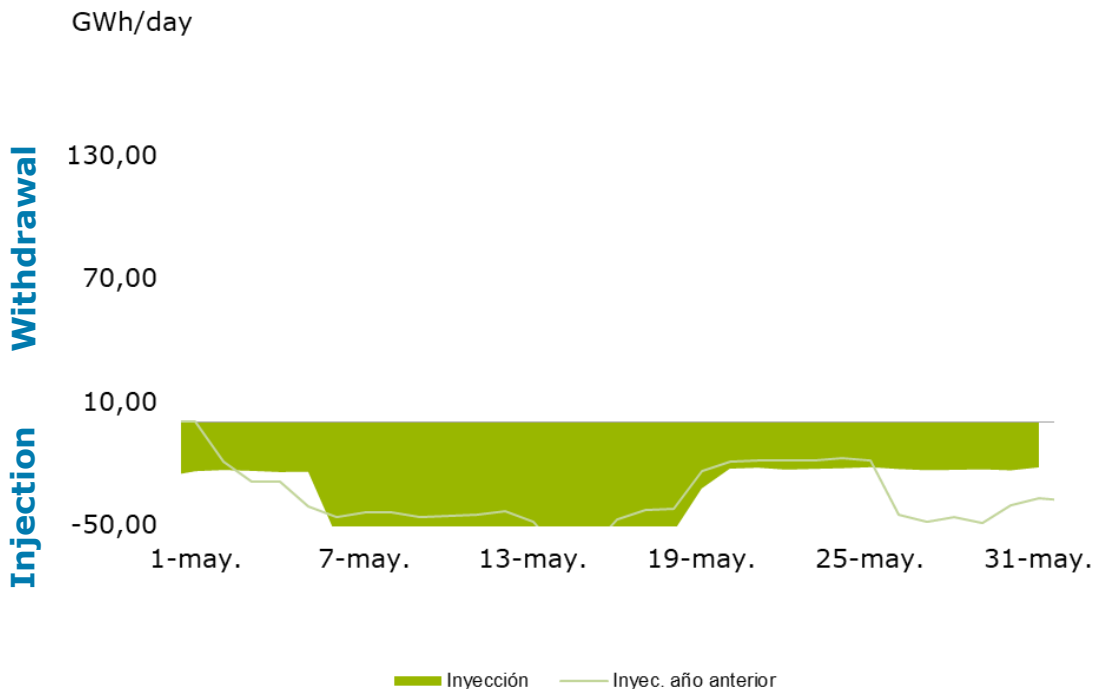
Production at regasification plants

Activity by LNG plant

5. Underground storage

6. Operating notes

Withdrawal / injection season



Content

A yellow rectangular sign with the word "EMAGAS" in bold black letters. Above it, in smaller text, is "MANAGED BY ENAGAS". Below "EMAGAS", there is some smaller, less legible text, possibly including a phone number and a website.

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

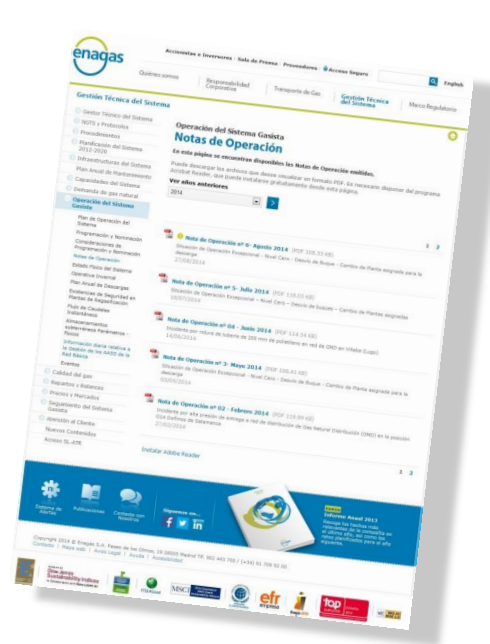
Production at regasification plants

Activity by LNG plant

5. Underground storage

6. Operating notes

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



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

Thank you

