

Statistical bulletin

Technical Management of the System

February 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

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Unloads and loads of LNG vessels

Production at regasification plants

Activity by LNG plant

5. Underground storage

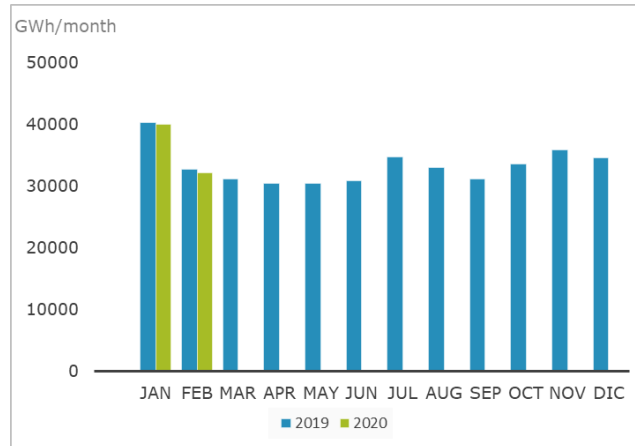
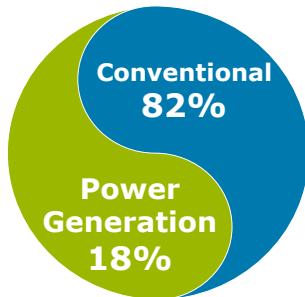
6. Operating notes

Natural Gas demand follow-up

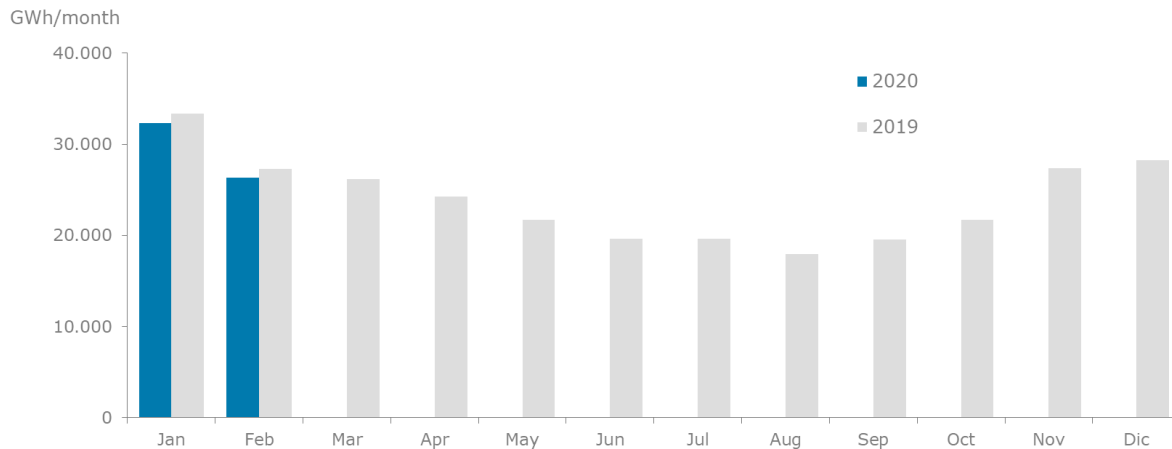
Unit : GWh

	Month	% Δ Month	Year	% Δ Year	MAT	% Δ 2019
	1 st to 29th February		Year 2020		1 st March 2019 to 29 nd Feb 2020	
<i>National Demand</i>	32.057	-2,0%	71.947	-1,4%	397.214	-0,3%
- Conventional demand	26.323	-3,5%	58.668	-3,2%	284.991	-0,7%
- NG for Power Generation	5.734	5,1%	13.279	7,6%	112.223	0,8%
<i>International Demand</i>	0	0,0%	0	0,0%	0	0,0%
- International connections exports	158	-37,3%	1.758	191,4%	12.897	9,8%
- LNG Vessel loading	6,50	100,0%	190	100,0%	518	58,0%
TOTAL	32.221	-2,1%	73.895	0,5%	410.629	0,1%

National demand
February - 2020

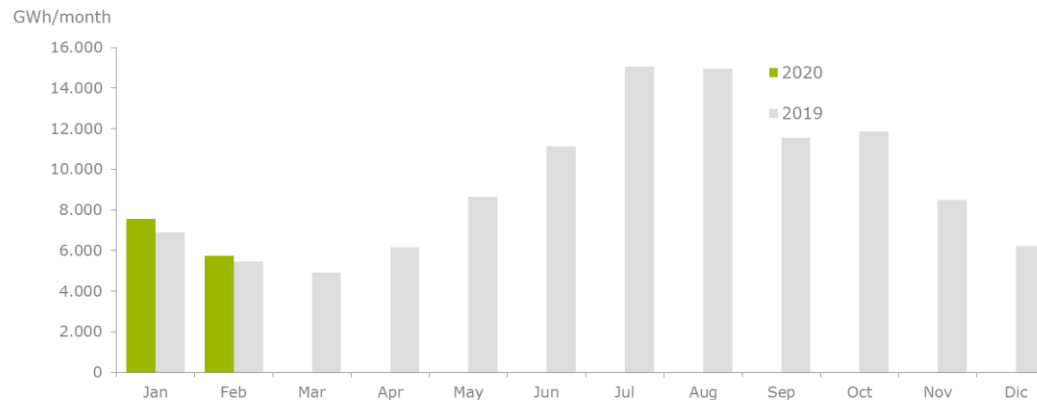


Natural Gas demand follow-up



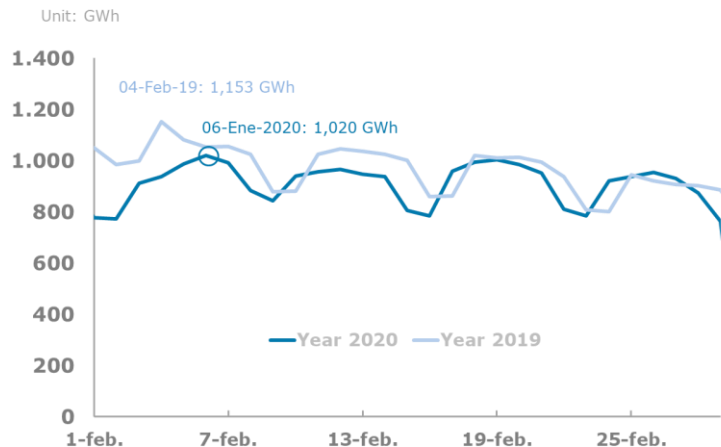
**Conventional demand
2019 - 2020**

**NG for Power Generation
2019 - 2020**

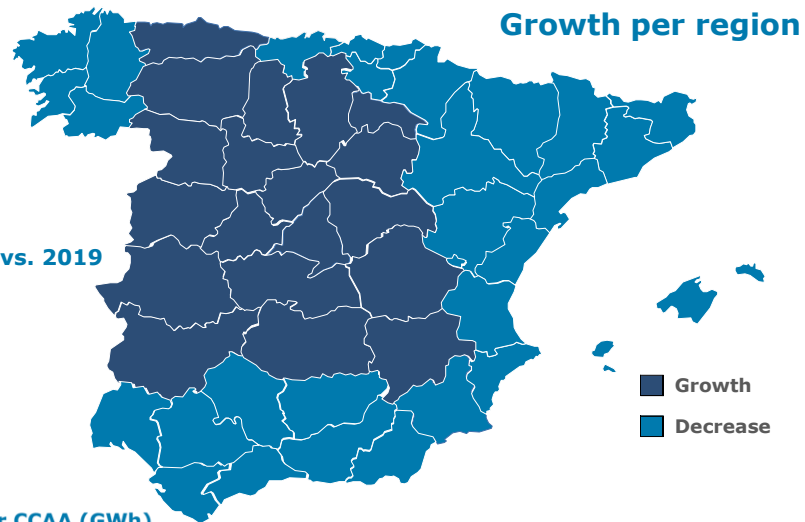


Conventional demand

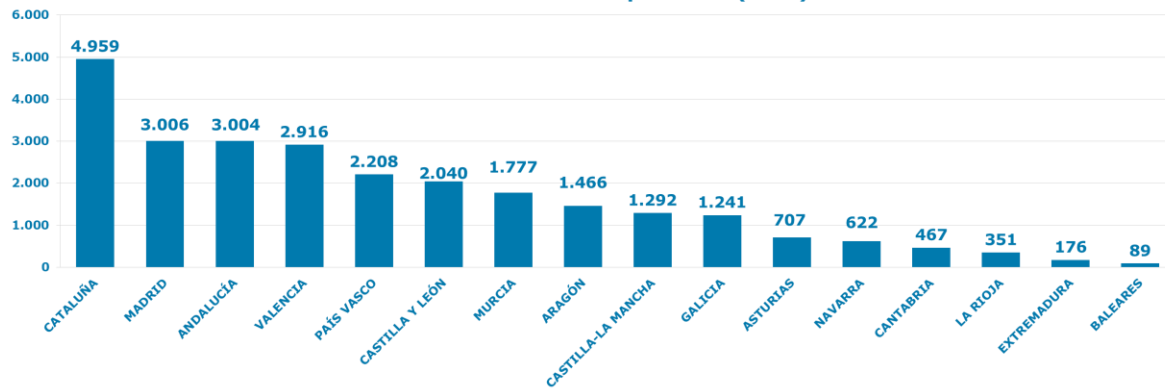
Comparison 2019-2020



Decrease -3.5% vs. 2019



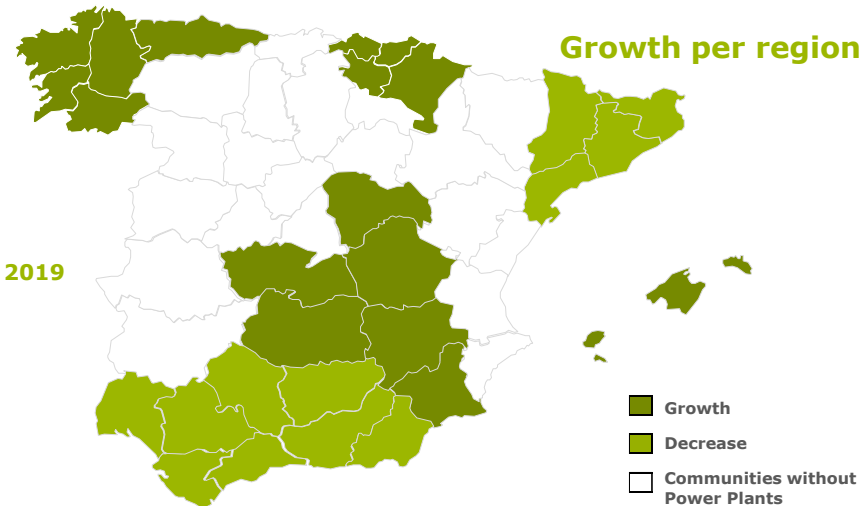
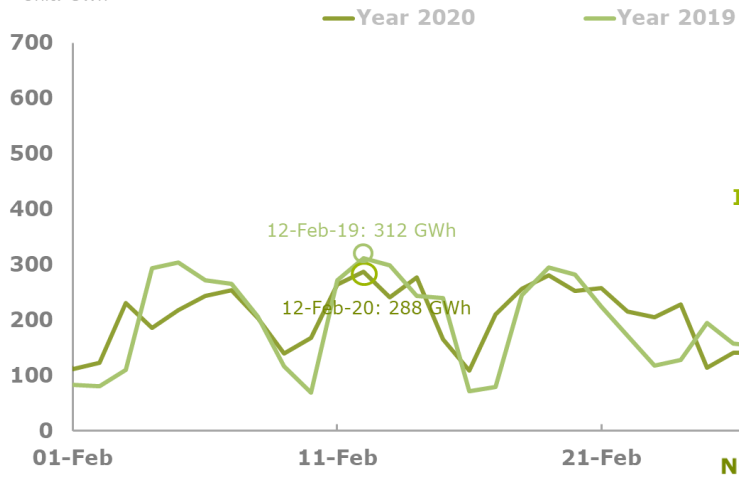
Conventional demand per CCAA (GWh)



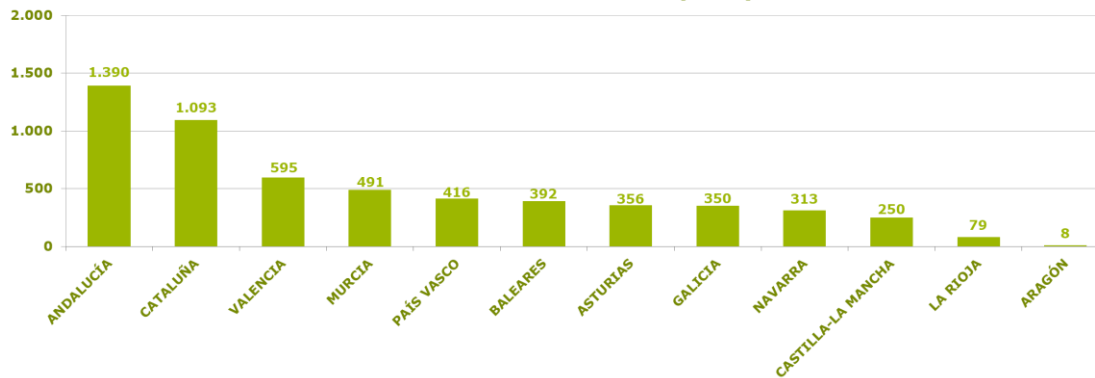
Natural gas for power generation

Comparison 2019-2020

Unit: GWh



NG for Power Generation (GWh)

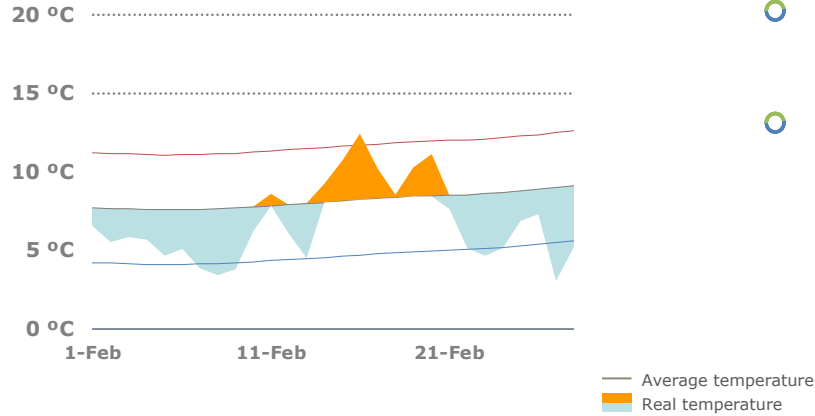


CTCC + CT

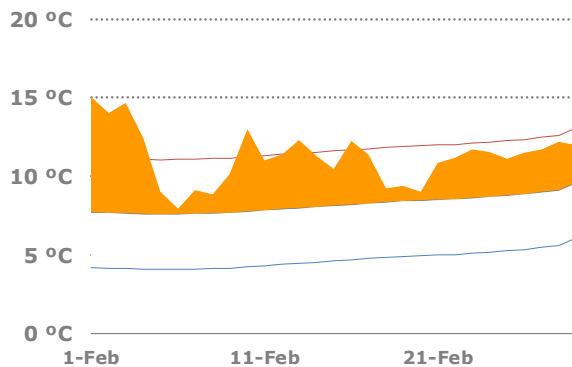


Demand - Temperatures

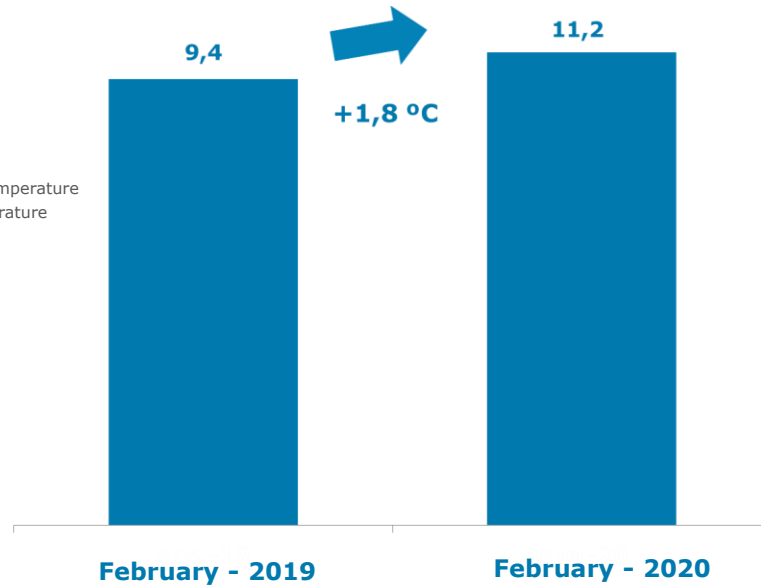
Temperatures 2019



Temperatures 2020

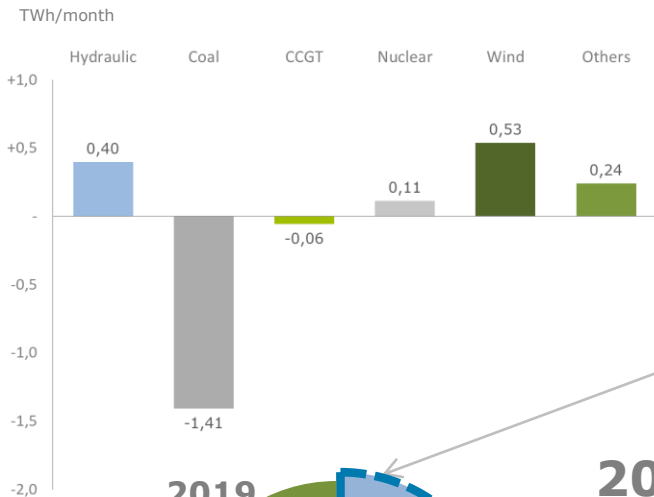


- Temperatures have been highest during February 2020 in comparison with February 2019.
- The average temperature has been **+1.8°C** highest than the average of February 2019.

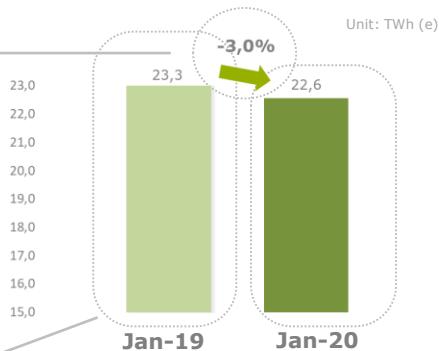


Gas for power generation

GROWTH JAN-20 VS. JAN-19

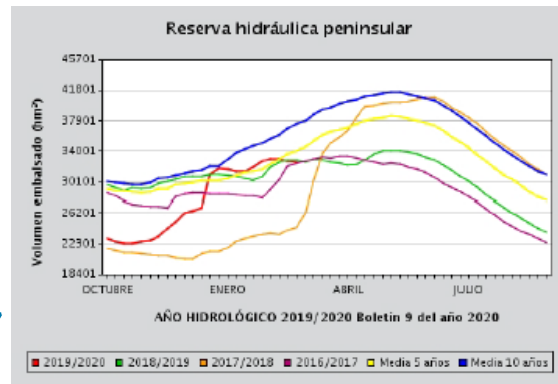


TRANSMISSION DEMAND JAN-20 VS. JAN-19

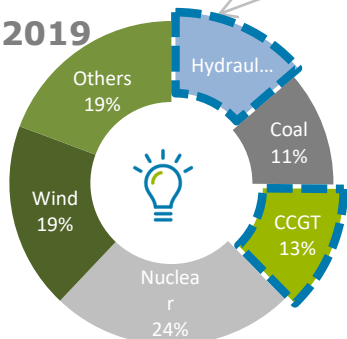


CAPACITY

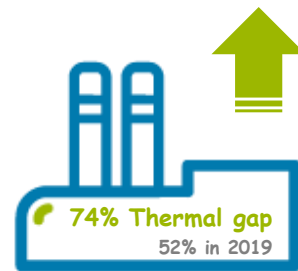
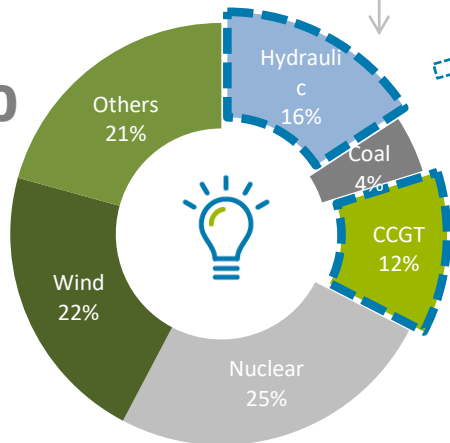
TOTAL : 55,622 hm³ = 22,964 GWh
ACTUAL : 32,551 hm³ = 12,840 GWh



2019



2020



Gas for power generation

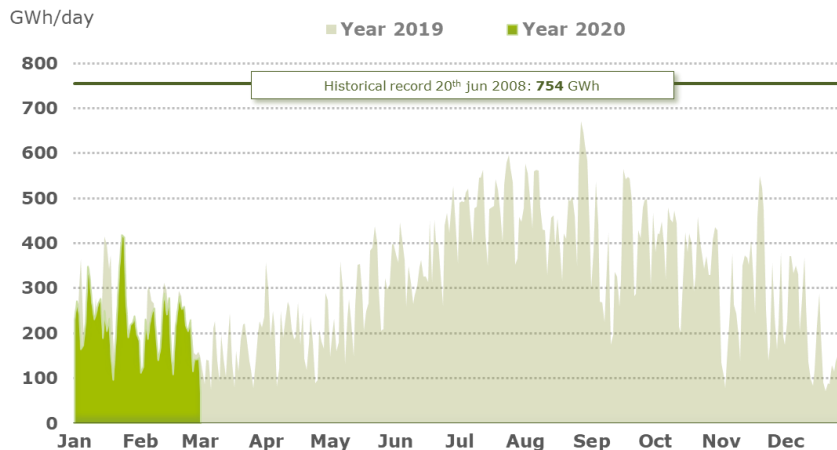


Monthly record

Mobile Anual Total Record

Unit: GWh

	Feb-18	Feb-19	Δ s/feb-18	Year 2019	MAT Mar-2019/Feb-2020	Δ over/Year 2018
NG for Power Generation	5.456	5.734	+5,1%	13.279	112.223	+0,8%
- Thermal Power Plants	20	14	-29%	29	110	-7,4%
- CCGT's	5.436	5.720	+5%	13.250	112.113	+0,8%
Maximum daily consumption	312	288	-8%	417	671	+61%
	12-Feb-19	12-Feb-20		23-Jan-20	27-Aug-19	
Minimum daily consumption	69	65	-6%	65	71	+9%
	10-Feb-19	29-Feb-20		29-Feb-20	20-Dec-19	



Content

A yellow sign with the ENAGAS logo and text is visible in the upper right corner of the slide. The sign is partially obscured by the white content box.

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

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5. Underground storage

6. Operating notes

Origin of supplies

		Monthly record		Annual Total record		Mobile Annual Total record	
Unit: GWh		Feb-18	Feb-19	Year 2019	% 2019	MAT Mar-18/Feb-19	% MAT
Algeria	NG	10.769	6.638	14.241	} 23,9%	113.487	} 30,0%
	LNG	-	-	490		11.077	
Nigeria	LNG	4.666	1.827	3.835	6,2%	42.410	10,2%
Qatar	LNG	1.786	1.438	5.078	8,2%	50.387	12,1%
T&T	LNG	2.680	3.559	8.174	13,2%	34.242	8,3%
Peru	LNG	-	-	-	0,0%	5.004	1,2%
France	NG	5.606	3.177	6.285	} 10,2%	43.647	} 10,5%
	LNG	-	-	-		-	
Angola	LNG	1.025	-	1.021	1,7%	3.047	0,7%
United States	LNG	213	7.924	12.247	19,8%	56.173	13,5%
Norway	LNG	923	942	942	1,5%	7.393	1,8%
Bélgica	LNG	-	-	-	0,0%	1.038	0,3%
National gas field	NG	166	43	103	0,2%	1.122	0,3%
National biogas	NG	7	7	17	0,0%	100	0,0%
Portugal	NG	490	229	607	1,0%	1.655	0,4%
Dominican Republic	LNG	-	-	-	0,0%	-	0,0%
Russia	LNG	1.097	1.093	4.375	7,1%	37.871	9,1%
Camerún	LNG	-	-	-	0,0%	966	0,2%
Guinea Ecuatorial	LNG	-	2.020	2.981	4,8%	3.956	1,0%
Argentina	LNG	-	472	1.315	2,1%	1.315	0,3%
TOTAL		29.430	29.368	61.712	100%	414.889	100%

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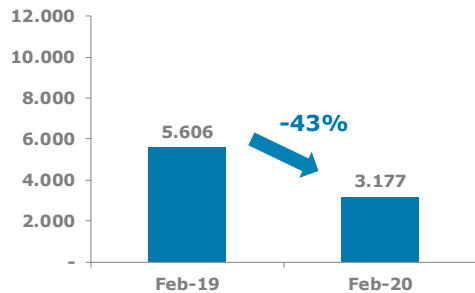
6. Operating notes

Interconnection points

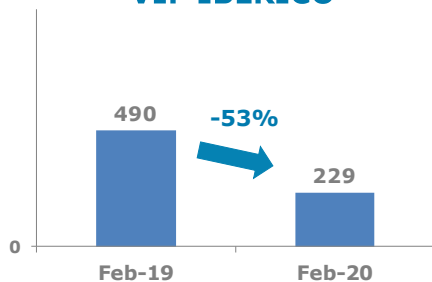
Imports

Unit: GWh

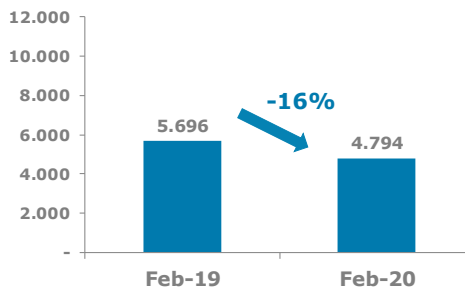
VIP PIRINEOS



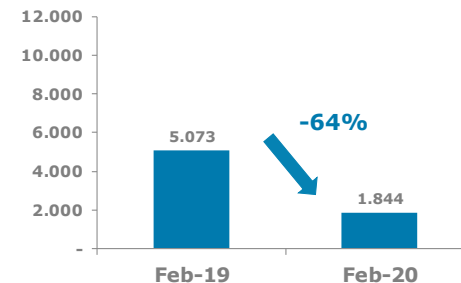
VIP IBÉRICO



ALMERÍA



TARIFA



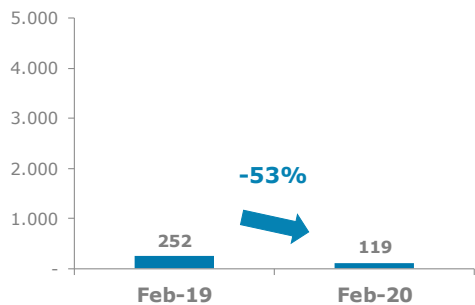
Interconnection points

Exports

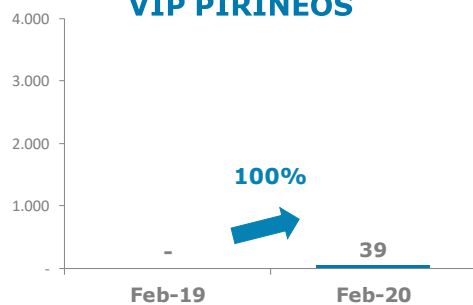
Unit: GWh



VIP IBÉRICO



VIP PIRINEOS



Interconnection points

Balance

Monthly Record

Monthly Mobile Annual Record

Unit: GWh	Feb-19	Feb-20	Δ over/Feb-19	Year 2019	MAT Mar-18/Feb-19	Δ s/2019
Tarifa GME	5.073	1.844	-64%	4.326	44.273	-17%
Almería MEDGAZ	5.696	4.794	-16%	9.915	63.286	-5%
VIP PIRINEOS	5.606	3.139	-44%	5.205	38.101	-15%
VIP IBÉRICO	238	109	-54%	-71	-5.697	7%
National gas field	166	43	-74%	103	1.122	-17%
National biogas	7	7	-6%	17	100	0%
TOTAL	16.787	9.936	-41%	19.494	141.184	-12,4%

(+) Entry flows; (-) Exit flows



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Activity at Barcelona plant



Contract information (Average value)		Feb-19	Feb-20
Send-out	GWh/day	192	192
LNG Trucks	GWh/day	15	16
% average contract vs. nominal		37%	37%
% average contract use		90%	69%

2019

2020

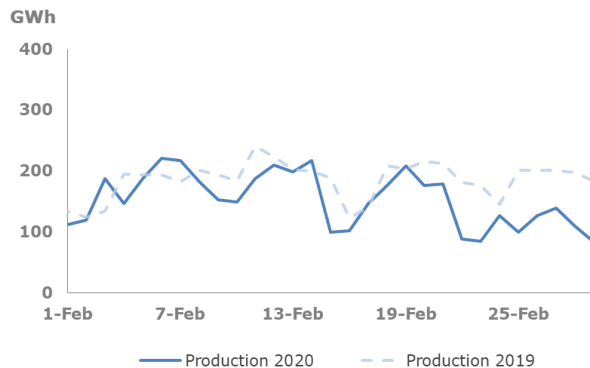
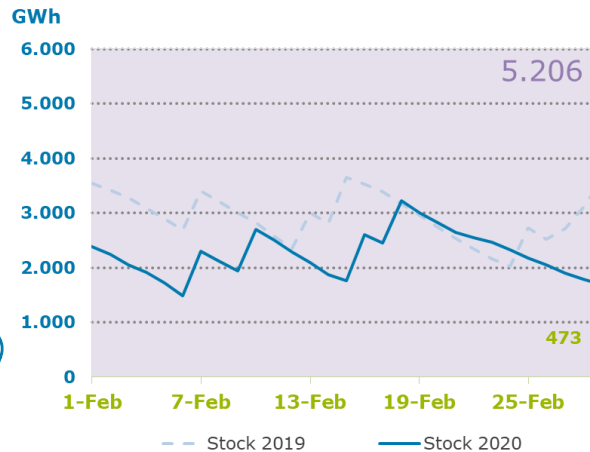
6 LNG Unloaded
(4.731 GWh)
0 LNG Loaded
(0 GWh)



4 LNG Unloaded
(3.694 GWh)
0 LNG Loaded
(43 GWh)



* Bunkering



Physical production		Feb-19	Feb-20	
Nominal	Send-out	GWh/day	544	544
	LNG Trucks	GWh/day	15	15
	Total	GWh/day	559	559
Monthly production		GWh	5.204	4.430

Activity at Huelva plant



Contract information (Average value)		Feb-19	Feb-20
Send-out	GWh/day	139	177
LNG Trucks	GWh/day	8	10
% average contract vs. nominal		38%	48%
% average contract use		94%	86%

2019

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

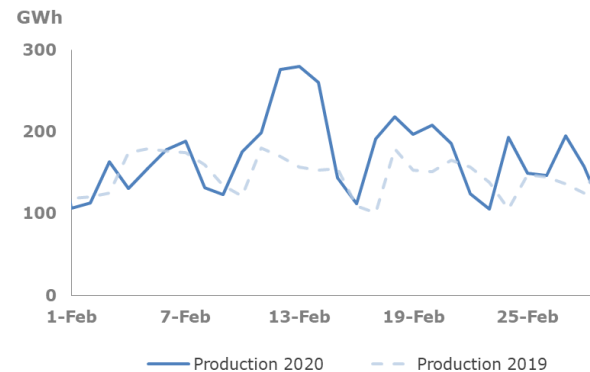
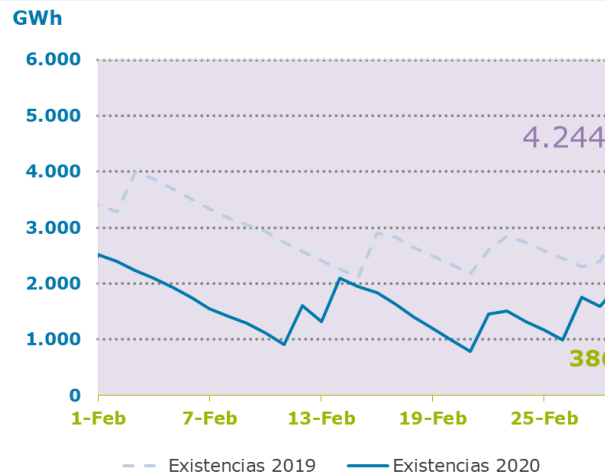


2020

6 LNG Unloaded
(5.270 GWh)
0 LNG Loaded
(26 GWh)



* Bunkering



Physical production		Feb-19	Feb-20	
Nominal	Send-out	GWh/day	377	377
	LNG Trucks	GWh/day	15	15
	Total	GWh/day	392	392
Monthly production	GWh	4.119	4.916	

Activity at Cartagena plant



Contract information (Average value)		Feb-19	Feb-20
Send-out	GWh/day	28	124
LNG Trucks	GWh/day	11	10
% average contract vs. nominal		10%	34%
% average contract use		86%	85%

2019

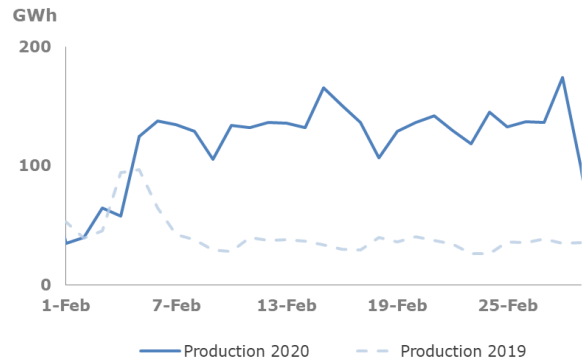
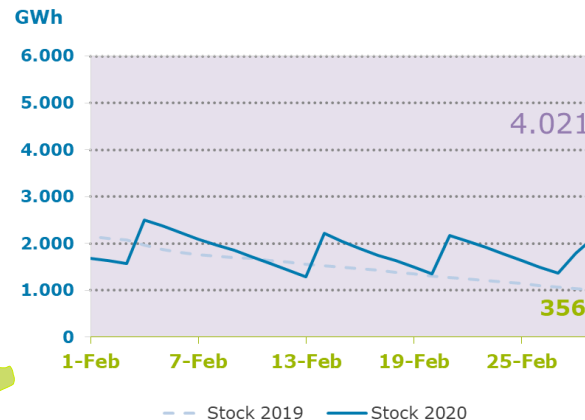
1 LNG Unloaded
(854 GWh)

0 LNG Loaded
(0 GWh)

2020

4 LNG Unloaded
(3.941 GWh)

0 LNG Loaded
(0 GWh)



Physical production			Feb-19	Feb-20
Nominal	Send-out	GWh/day	377	377
	LNG Trucks	GWh/day	15	15
	Total	GWh/day	392	392
Monthly production		GWh	1.165	3.540

Activity at Bilbao plant



Contract information (Average value)		Feb-19	Feb-20
Send-out	GWh/day	102	223
LNG Trucks	GWh/day	3	5
% average contract vs. nominal		46%	100%
% average contract use		87%	≈100%

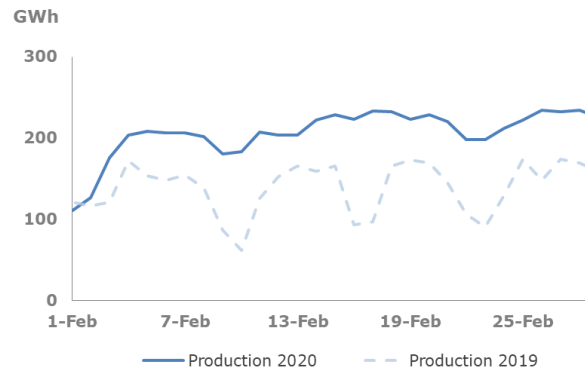
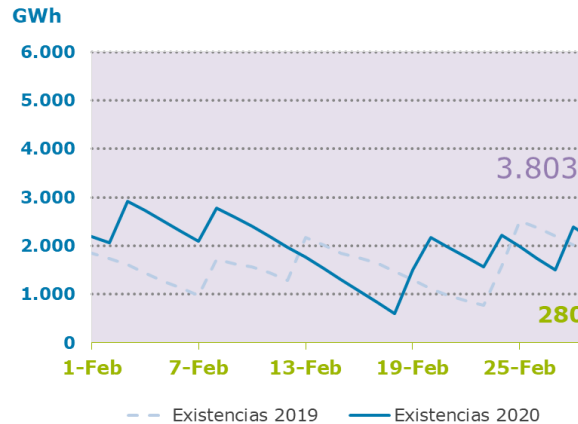
2019

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



2020

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



Physical production			Feb-19	Feb-20
Nominal	Send-out	GWh/day	223	223
	LNG Trucks	GWh/day	5	5
	Total	GWh/day	228	249
Monthly production		GWh	3.881	5.990

Activity at Sagunto plant



Contract information (Average value)		Feb-19	Feb-20
Send-out	GWh/day	34	27
LNG Trucks	GWh/day	3	9
% average contract vs. nominal		13%	12%
% average contract use		91%	47%

2019

2020

0 LNG Unloaded
(0 GWh)

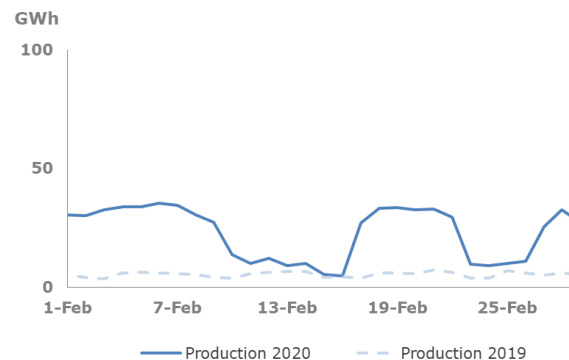
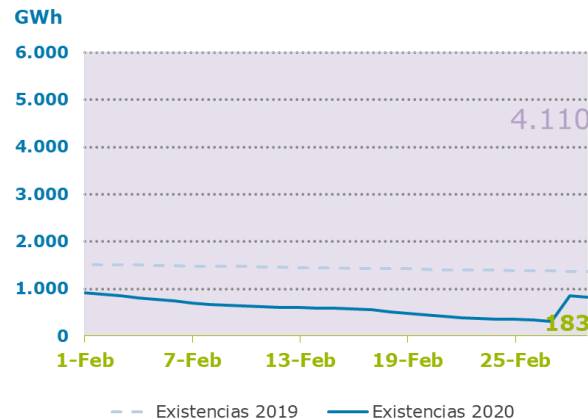


1 LNG Unloaded
(560 GWh)



0 LNG Loaded
(0 GWh)

0 LNG Loaded
(0 GWh)



Physical production			Feb-19	Feb-20
Nominal	Send-out	GWh/day	279	279
	LNG Trucks	GWh/day	10	10
	Total	GWh/day	290	290
Monthly production		GWh	151	670

Activity at Mugardos plant



Contract information (Average value)		Feb-19	Feb-20
Send-out	GWh/day	14	30
LNG Trucks	GWh/day	4	5
% average contract vs. nominal		14%	28%
% average contract use		103%	90%

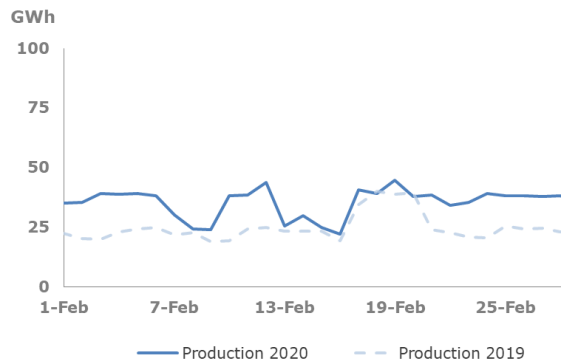
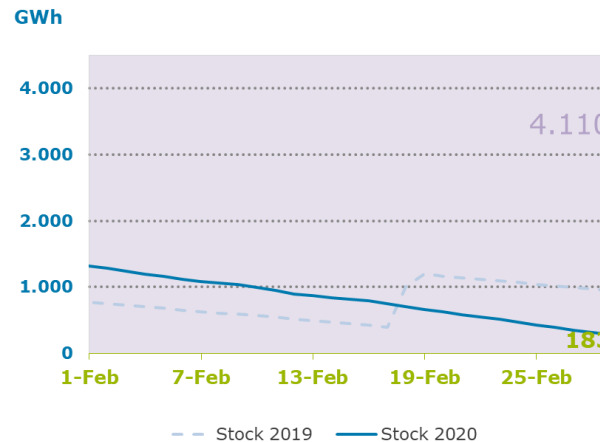
2019

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



2020

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



Physical production		Feb-19	Feb-20	
Nominal	Send-out	GWh/day	115	115
	LNG Trucks	GWh/day	10	10
	Total	GWh/day	126	126
Monthly production	GWh	695	1.026	

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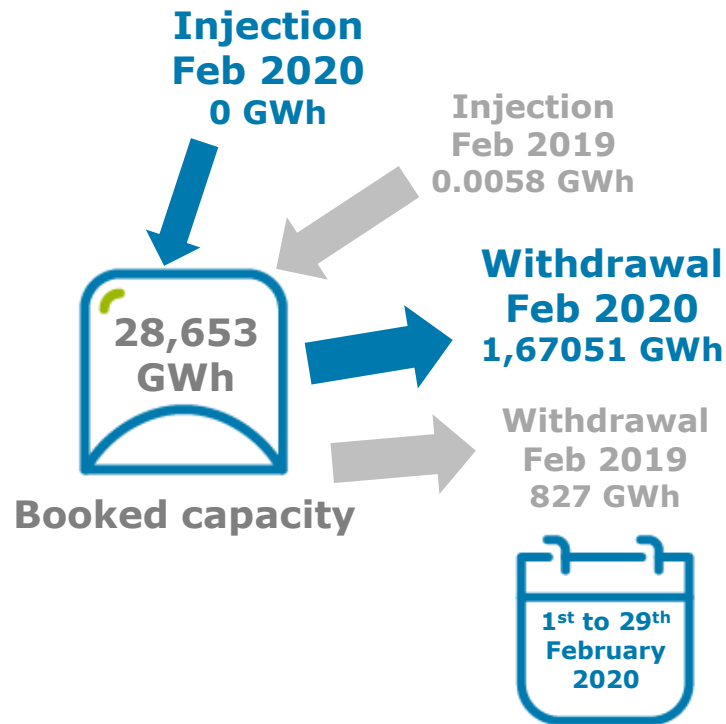
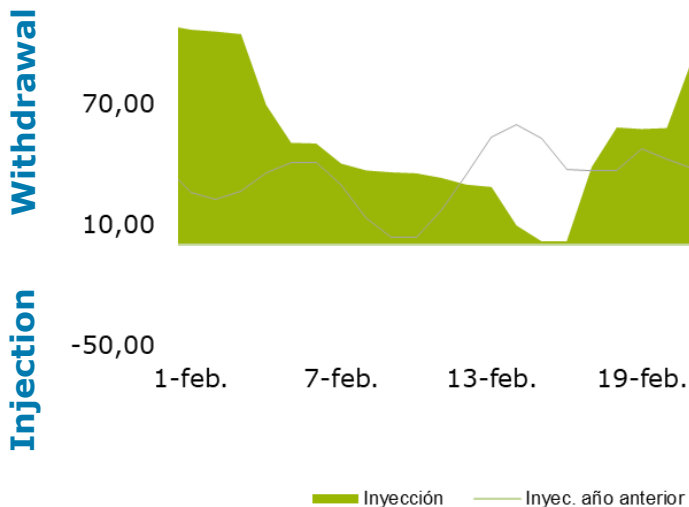
Activity by LNG plant

5. Underground storage

6. Operating notes

Withdrawal / injection season

GWh/day



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Nota de Operación nº 1 – 14.02.2020



Reducción de obligación de reserva invernal 2019-2020

De conformidad con el punto 4 del apartado Primero de la Resolución de 27 de noviembre de 2017, de la Dirección General de Política Energética y Minas, por la que se aprueba el Plan de actuación invernal para la operación del sistema gasista, el Gestor Técnico del Sistema informa de la previsión de reducción de la obligación de mantenimiento de reserva invernal a todos los usuarios del Sistema a los que les aplica dicha obligación, de acuerdo con el siguiente calendario:

Fecha de aplicación	Nueva Obligación (días)
01/03/2020 a las 6:00h	2
08/03/2020 a las 6:00h	1
15/03/2020 a las 6:00h	0,5
20/03/2020 a las 6:00h	0



Este calendario sólo tiene carácter informativo y podrá ser modificado mediante Nota de Operación posterior, en caso de que se produzca alguna de las condiciones enumeradas en el apartado Quinto de la precitada Resolución, por la que se precise una movilización de la reserva invernal distinta a la detallada en esta Nota de Operación.

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

Thank you

