

Statistical bulletin

Technical Management of the System

February 2019



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

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Unloads and loads of LNG vessels

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Activity by LNG plant

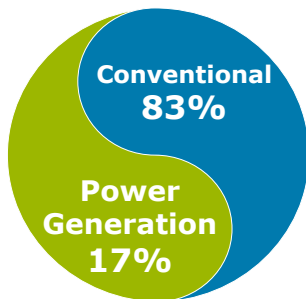
5. Underground storage

6. Operating notes

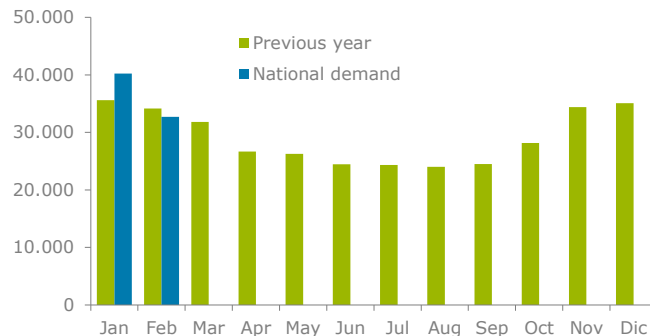
Natural Gas demand follow-up

Unit : GWh	Month	% Δ Month	Year	% Δ Year	MAT	% Δ 2018
	1 st to 28th February		Year 2019		1 st March 2018 to 28 th February 2019	
<i>National Demand</i>	32.707	-4,2%	72.931	4,6%	352.476	0,9%
- Conventional demand	27.266	-7,8%	60.609	1,0%	288.085	0,2%
- NG for Power Generation	5.444	19,5%	12.322	26,4%	64.391	4,2%
<i>International Demand</i>						
- International connections exports	333	-82,1%	2.417	-42,8%	16.111	-48,0%
- LNG Vessel loading		-100,0%		-100%	2.802	-43,6%
TOTAL	33.040	-10,9%	75.348	-1,0%	371.390	-3,6%

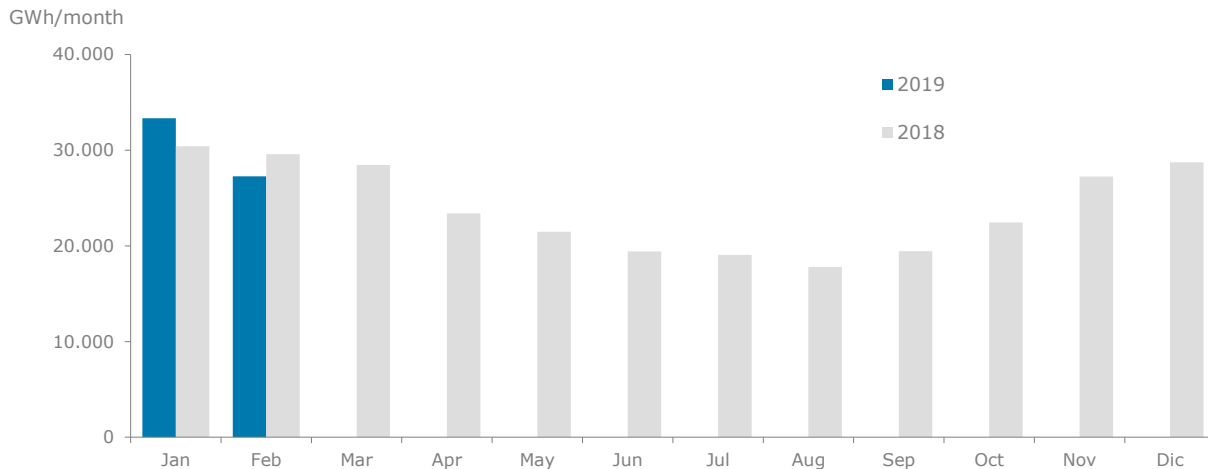
National demand
February - 2019



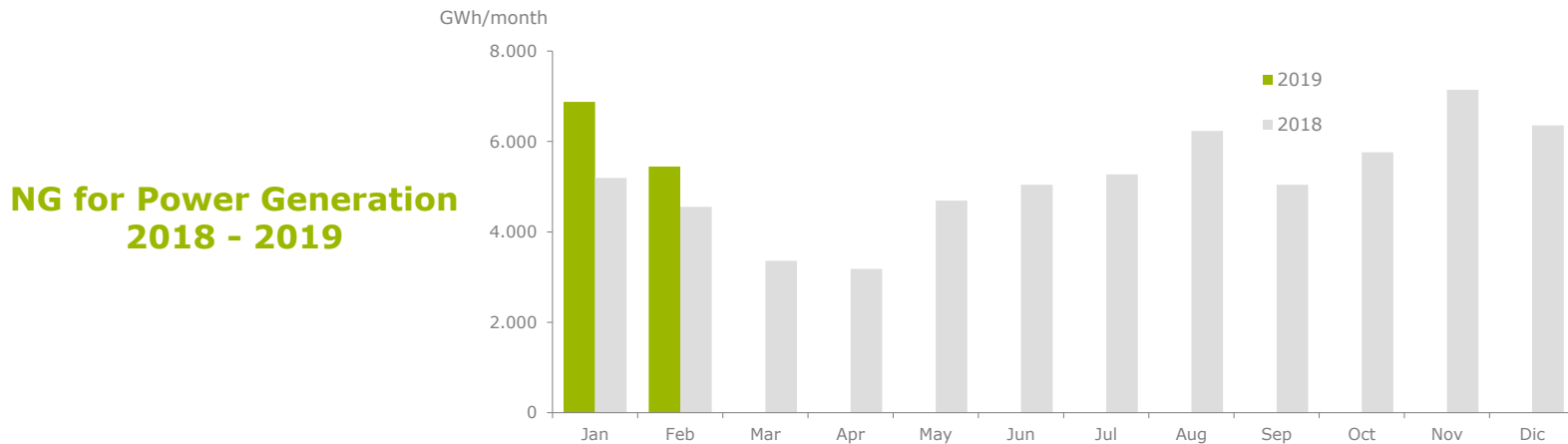
GWh/month



Natural Gas demand follow-up



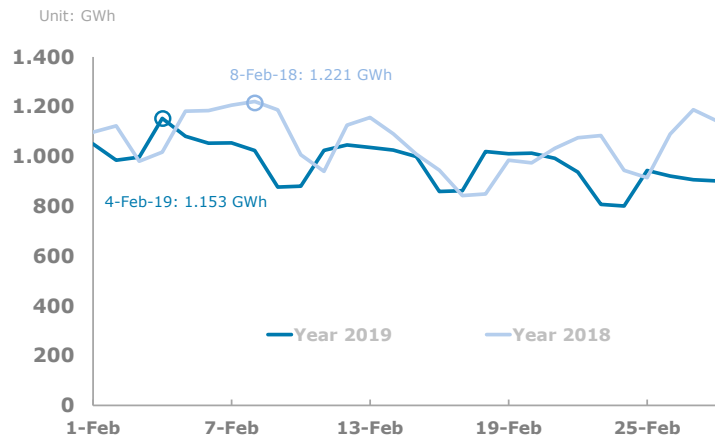
**Conventional demand
2018 - 2019**



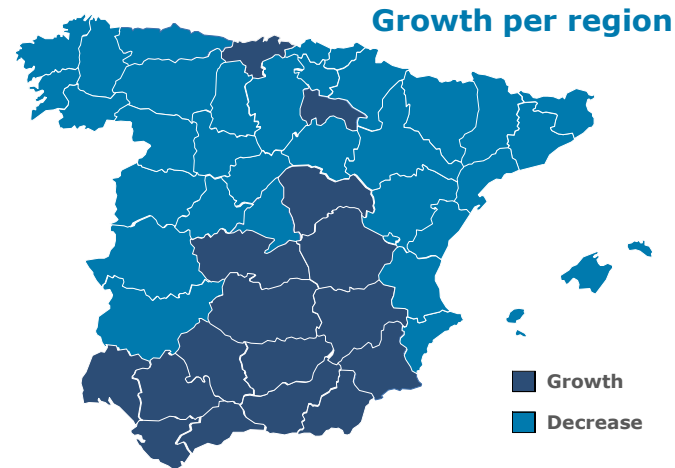
**NG for Power Generation
2018 - 2019**

Conventional demand

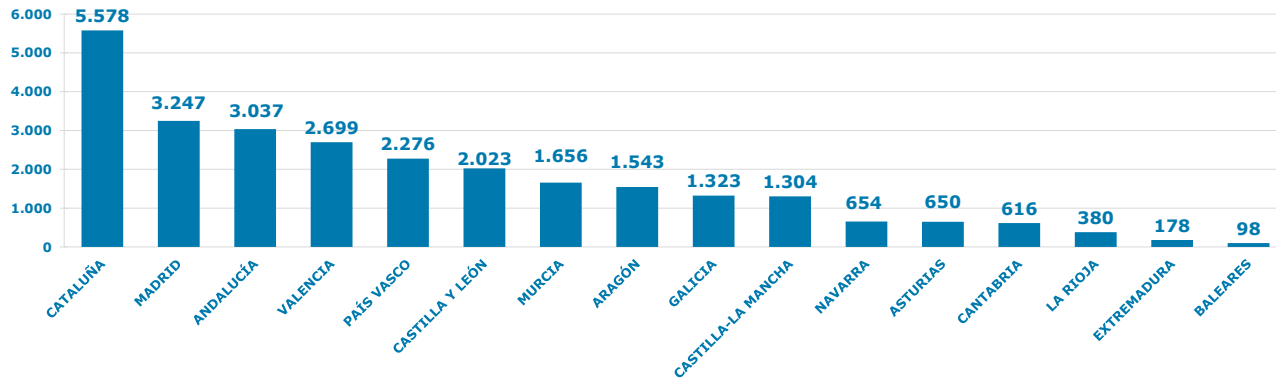
Comparison 2018-2019



Decrease -7,8% vs. 2018



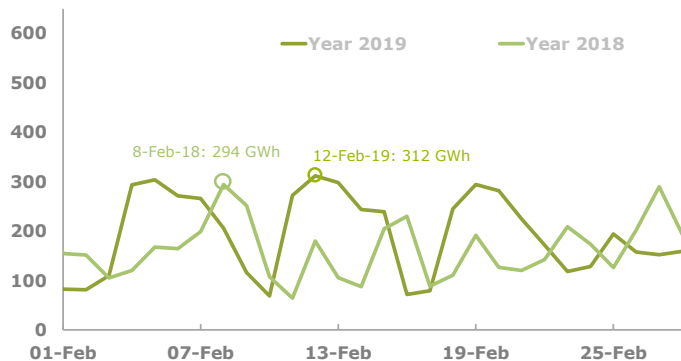
Conventional demand per CCAA (GWh)



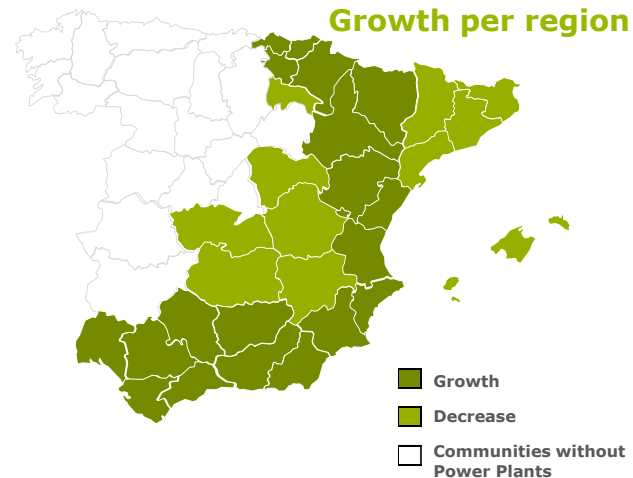
Natural gas for power generation

Comparison 2018-2019

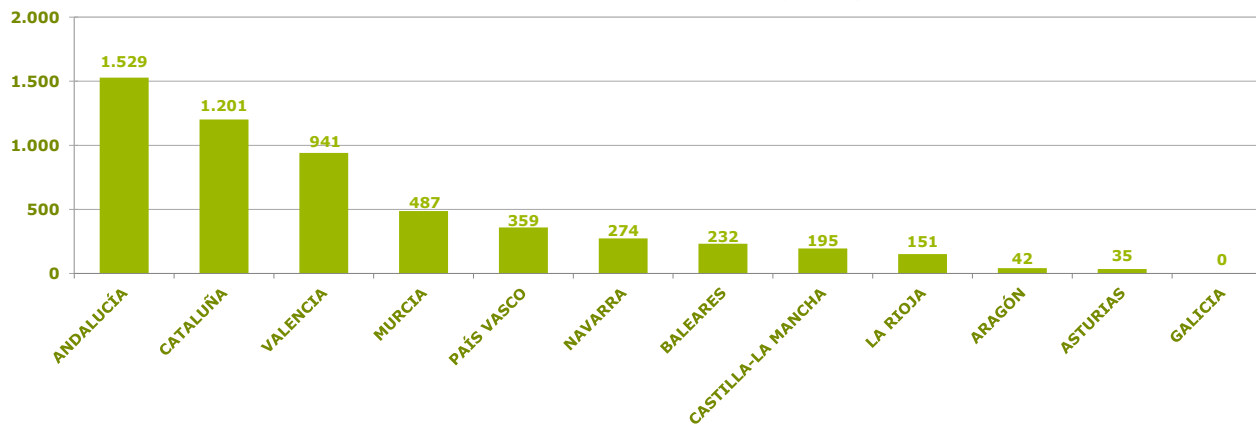
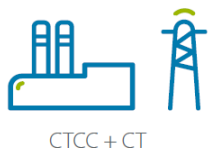
Unit: GWh



Increase 19,5% vs. 2018

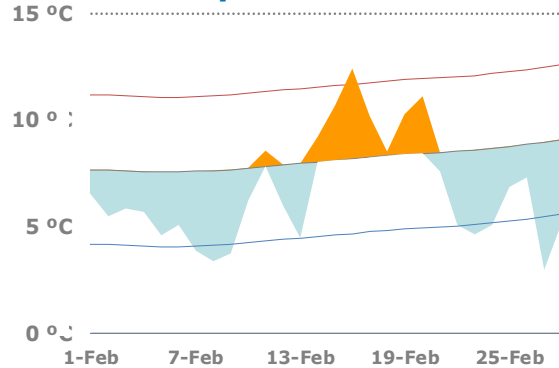


NG for Power Generation (GWh)

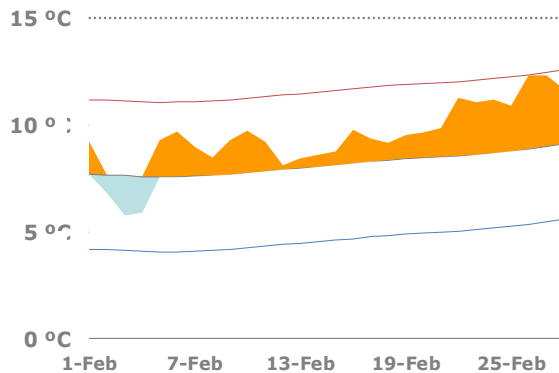


Demand - Temperatures

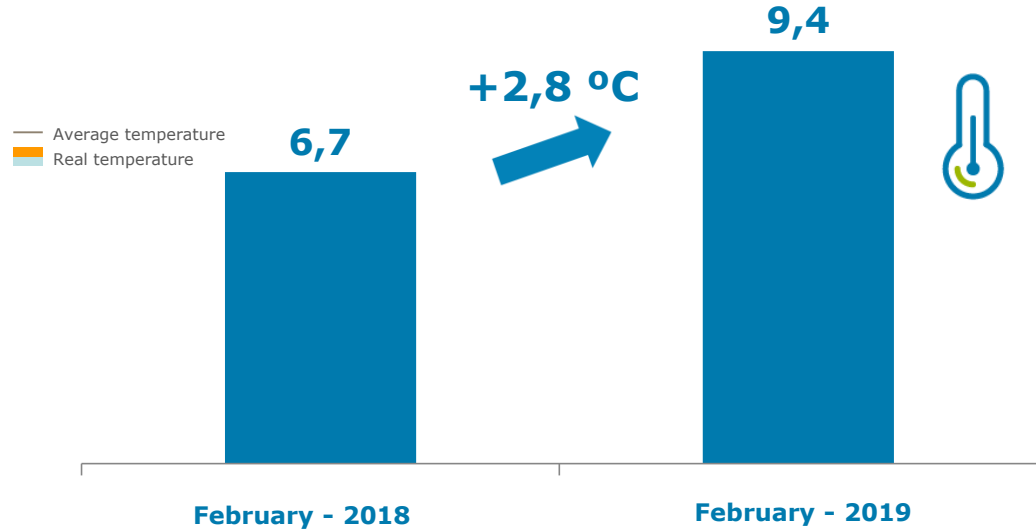
Temperatures 2018



Temperatures 2019

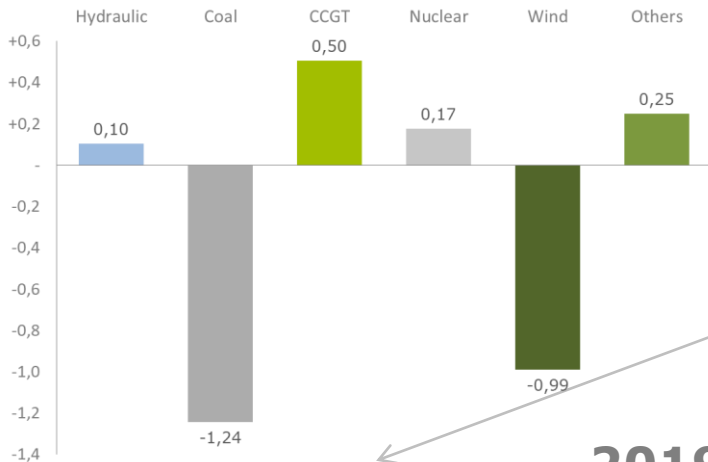


- Temperatures have been higher during February 2019 in comparison with February 2018.
- The average temperature has been **2,8°C** higher than the average of February 2018

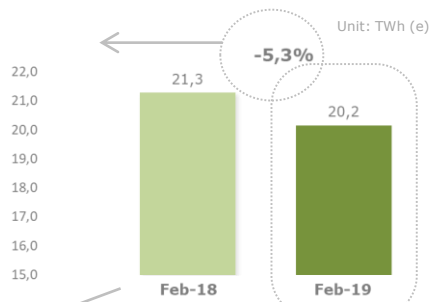


Gas for power generation

GROWTH FEB-19 VS. FEB-18



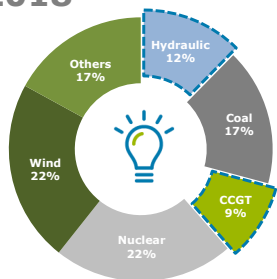
TRANSMISSION DEMAND FEB-19 VS. FEB-18



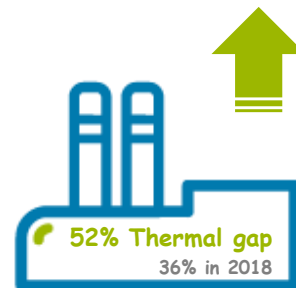
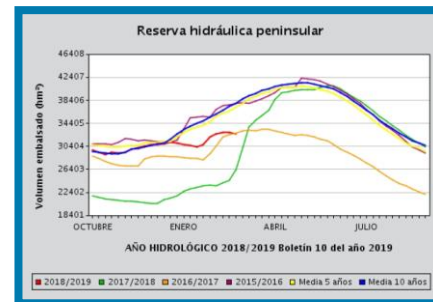
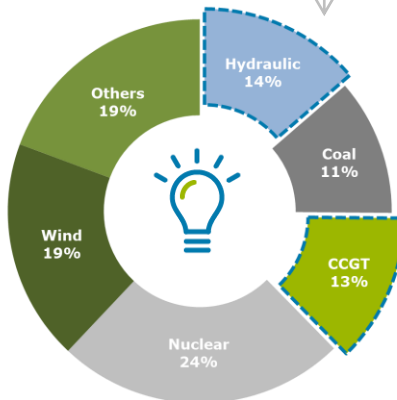
CAPACITY

TOTAL : 56.118 hm³ = 23.281 GWh
ACTUAL : 32.554 hm³ = 11.036 GWh

2018



2019



Gas for power generation

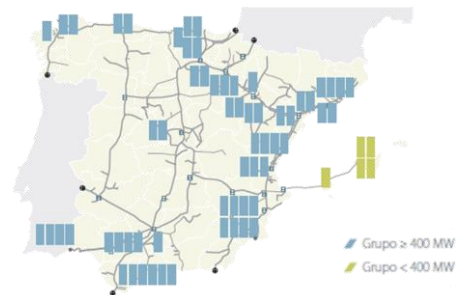
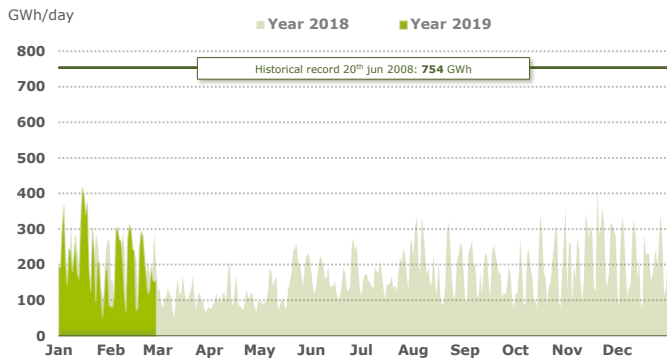


Monthly record

Mobile Annual Total Record

Unit: GWh

	Feb-18	Feb-19	Δ s/feb-18	Year 2019	MAT Mar-2018/Feb-2019	Δ over/Year 2018
NG for Power Generation	4.556	5.456	+19,7%	43.131	78.924	+27,7%
- Thermal Power Plants	21	20	-6%	65	177	-20,5%
- CCGT's	4.536	5.436	+20%	43.066	78.747	+27,8%
Maximum daily consumption	294	312	+6%	415	415	-
	08-Feb-18	12-Feb-19		15-Jan-19	15-Jan-19	
Minimum daily consumption	64	69	+7%	51	51	-
	11-Feb-18	10-Feb-19		27-Jan-19	27-Jan-19	



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Natural gas demand flow-up

Evolution of conventional demand and power generation

Consumption by geographic location

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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		Feb-18	Feb-19	Year 2019	% 2019	MAT Mar-18/Feb-19	% MAT
Algeria	NG	16.769	10.769	27.017	} 43,1%	176.140	} 48,3%
	LNG	2.812	-	1.491		11.888	
Nigeria	LNG	2.542	4.666	9.369	14,2%	46.002	11,8%
Qatar	LNG	2.704	1.786	3.585	5,4%	36.793	9,5%
T&T	LNG	-	2.680	5.343	8,1%	28.698	7,4%
Peru	LNG	1.786	-	-	0,0%	15.809	4,1%
France	NG	4.003	5.606	11.835	} 17,9%	44.248	} 11,5%
	LNG	-	-	-		487	
Angola	LNG	-	1.025	1.025	1,6%	2.059	0,5%
United States	LNG	-	213	2.201	3,3%	5.221	1,3%
Norway	LNG	975	923	923	1,4%	6.511	1,7%
Bélgica	LNG	-	-	-	0,0%	896	0,2%
National gas field	NG	-	166	335	0,5%	1.291	0,3%
National biogas	NG	7	7	17	0,0%	96	0,0%
Portugal	NG	10	490	882	1,3%	977	0,3%
Dominican Republic	LNG	-	-	-	0,0%	338	0,1%
Russia	LNG	-	1.097	2.123	3,2%	10.853	2,8%
Cameroon	LNG	-	-	-	0,0%	863	0,2%
TOTAL		31.607	29.430	66.146	100%	389.170	100%

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Activity by LNG plant

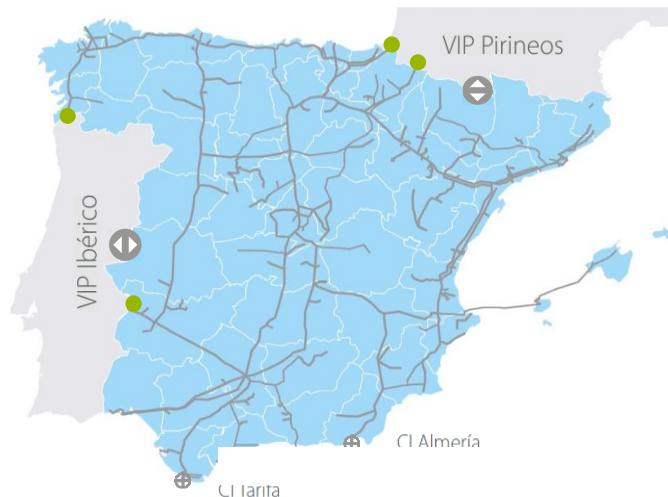
5. Underground storage

6. Operating notes

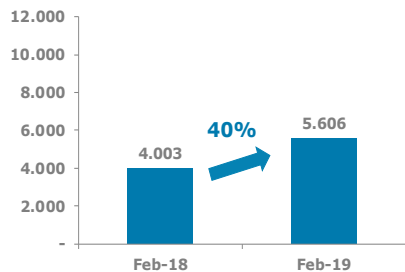
Interconnection points

Imports

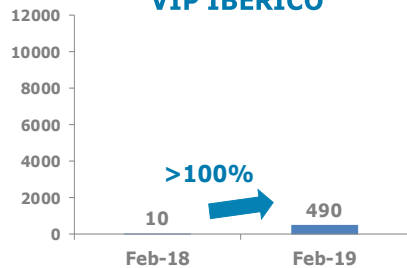
Unit: GWh



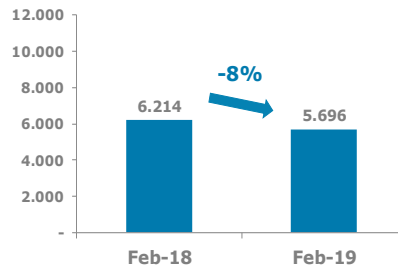
VIP PIRINEOS



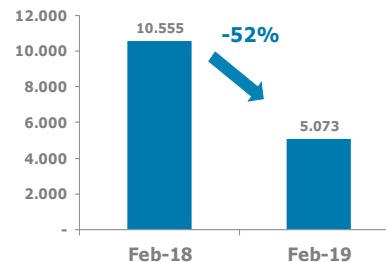
VIP IBÉRICO



ALMERÍA



TARIFA



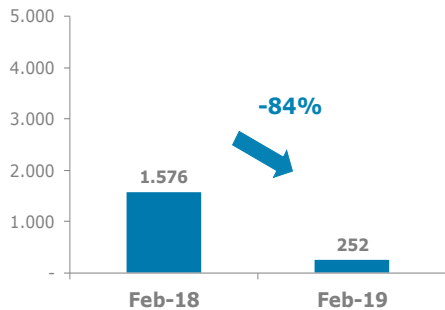
Interconnection points

Exports

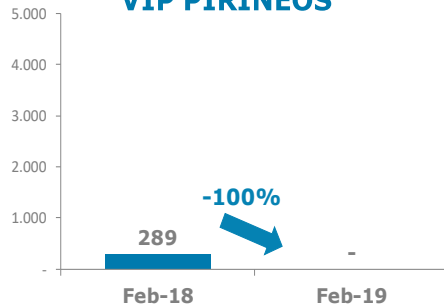


Unit: GWh

VIP IBÉRICO



VIP PIRINEOS



Interconnection points

Balance

Monthly Record

Monthly Mobile Annual Record

Unit: GWh

	Feb-18	Feb-19	Δ over/Feb-18	Year 2019	MAT Mar- 18/Feb-19	Δ s/MAT
Tarifa GME	10.555	5.073	-52%	13.491	96.271	-8%
Almería MEDGAZ	6.214	5.696	-8%	13.527	79.869	1%
VIP PIRINEOS	3.715	5.606	51%	11.811	35.866	14%
VIP IBÉRICO	-1.566	238	-115%	302	-17.998	-19%
National gas field	-	166	34%	335	1.291	34%
National biogas	7	7	6%	17	96	2%
TOTAL	18.925	16.787	-11%	39.482	195.397	0,4%



(+) Entry flows; (-) Exit flows

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Activity at Barcelona plant



Contract information (Average value)		Feb-18	Feb-19
Send-out	GWh/day	163	192
LNG Trucks	GWh/day	8	15
% average contract vs. nominal		31%	37%
% average contract use		91%	90%

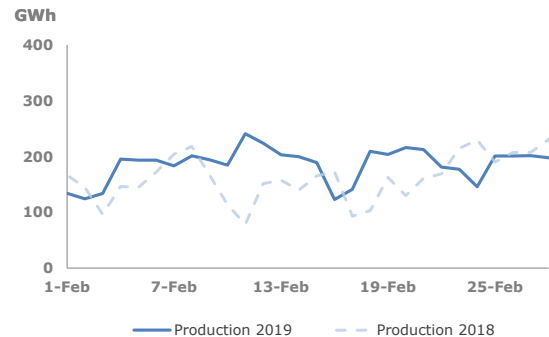
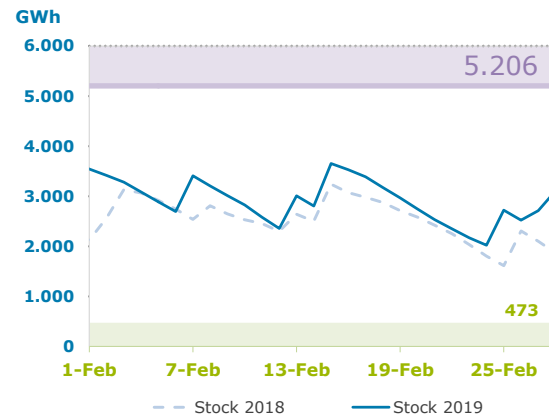
2018

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



2019

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



Physical production			Feb-18	Feb-19
Nominal	Send-out	GWh/day	544	544
	LNG Trucks	GWh/day	15	15
	Total	GWh/day	559	559
Monthly production		GWh	4.537	5.204

Activity at Huelva plant



Contract information (Average value)		Feb-18	Feb-19
Send-out	GWh/day	183	139
LNG Trucks	GWh/day	8	8
% average contract vs. nominal		49%	38%
% average contract use		77%	94%

2018

3 LNG Unloaded
(2.750 GWh)
1 LNG Loaded
(1.076 GWh)

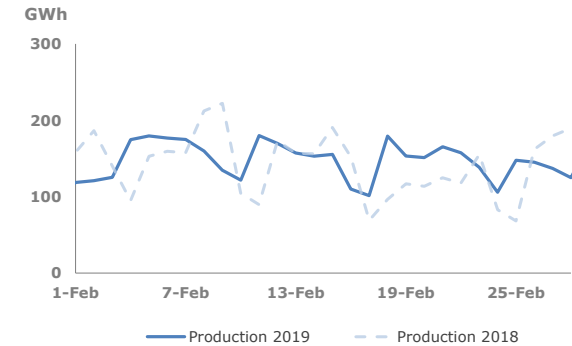
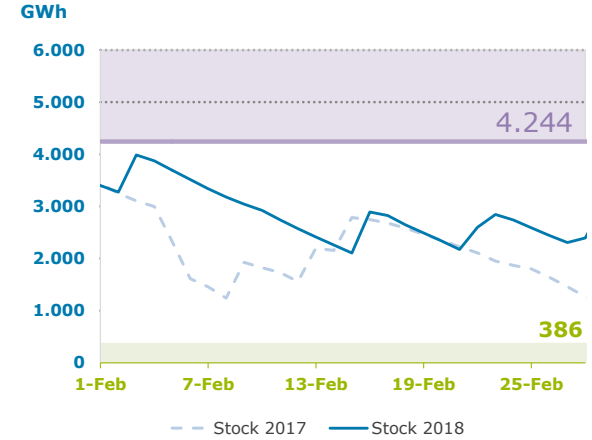


2019

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



Physical production			Feb-18	Feb-19
Nominal	Send-out	GWh/day	377	377
	LNG Trucks	GWh/day	15	15
	Total	GWh/day	392	392
Monthly production		GWh	3.983	4.119



Activity at Cartagena plant



Contract information (Average value)		Feb-18	Feb-19
Send-out	GWh/day	13	28
LNG Trucks	GWh/day	7	11
% average contract vs. nominal		5%	10%
% average contract use		104%	86%

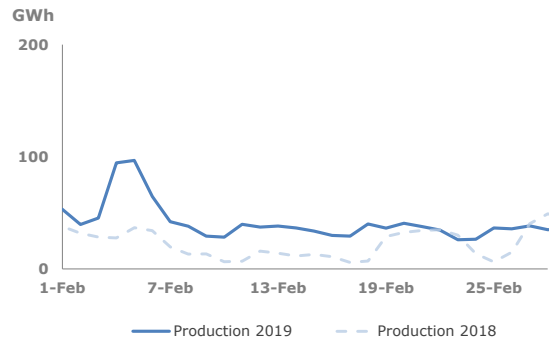
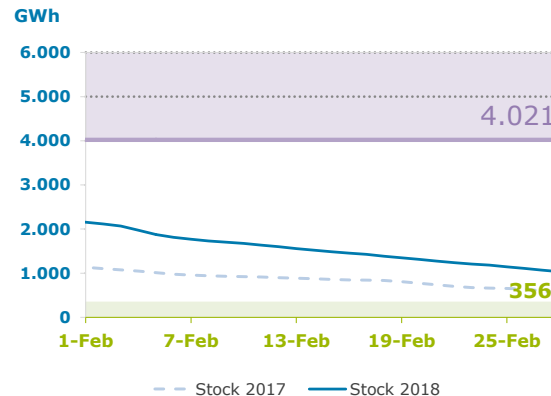
2018

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



2019

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



Physical production			Feb-18	Feb-19
Nominal	Send-out	GWh/day	377	377
	LNG Trucks	GWh/day	15	15
	Total	GWh/day	392	392
Monthly production		GWh	620	1.165

Activity at Bilbao plant

Contract information (Average value)		Feb-18	Feb-19
Send-out	GWh/day	102	137
LNG Trucks	GWh/day	3	4
% average contract vs. nominal		46%	62%
% average contract use		87%	94%

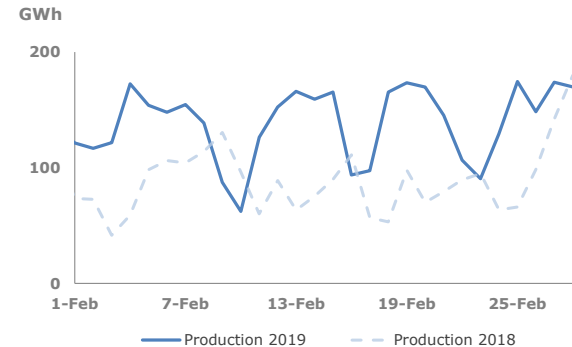
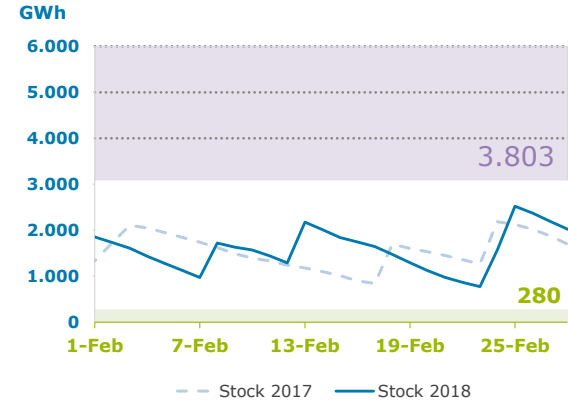
2018

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



2019

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



Physical production			Feb-18	Feb-19
Nominal	Send-out	GWh/day	223	223
	LNG Trucks	GWh/day	5	5
	Total	GWh/day	228	228
Monthly production		GWh	2.475	3.881

Activity at Sagunto plant

Contract information (Average value)		Feb-18	Feb-19
Send-out	GWh/day	4	34
LNG Trucks	GWh/day	6	3
% average contract vs. nominal		4%	13%
% average contract use		99%	91%

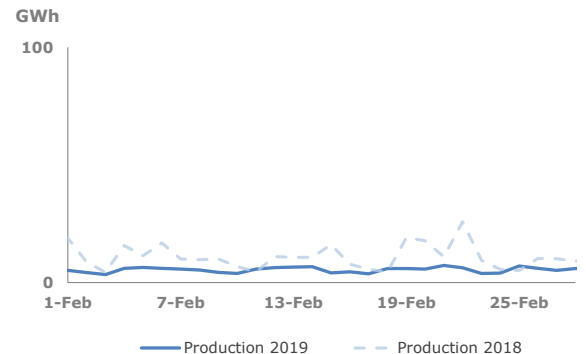
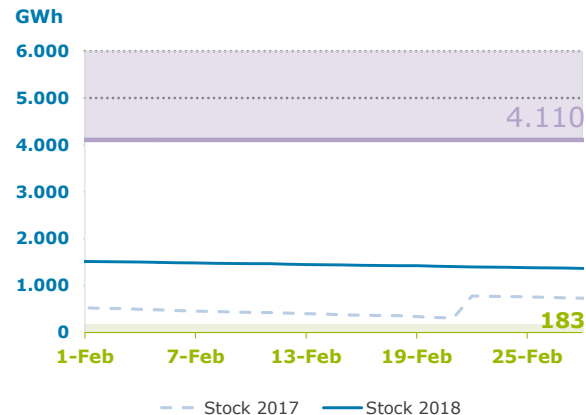
2018

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



2019

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



Physical production			Feb-18	Feb-19
Nominal	Send-out	GWh/day	279	279
	LNG Trucks	GWh/day	10	10
	Total	GWh/day	290	290
Monthly production		GWh	306	151

Activity at Mugardos plant

Contract information (Average value)		Feb-18	Feb-19
Send-out	GWh/day	30	14
LNG Trucks	GWh/day	4	4
% average contract vs. nominal		27%	14%
% average contract use		93%	103%

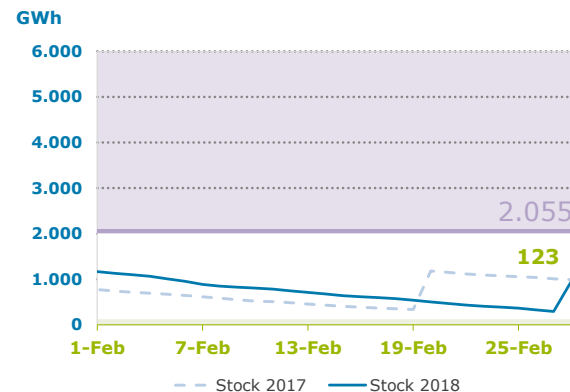
2018

2019

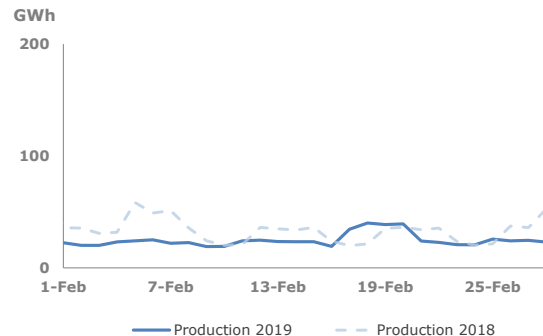
0,61 LNG Unloaded
(704 GWh)
1 LNG Loaded
(15 GWh)



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



Physical production			Feb-18	Feb-19
Nominal	Send-out	GWh/day	115	115
	LNG Trucks	GWh/day	10	10
	Total	GWh/day	126	126
Monthly production		GWh	935	695



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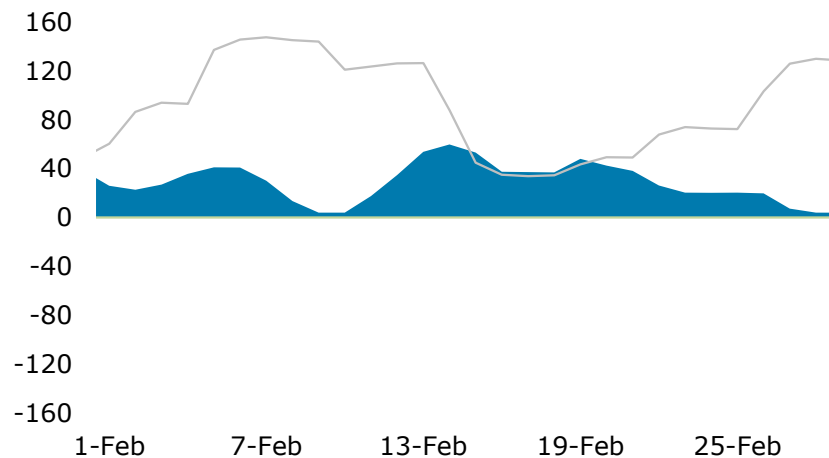
Activity by LNG plant

5. Underground storage

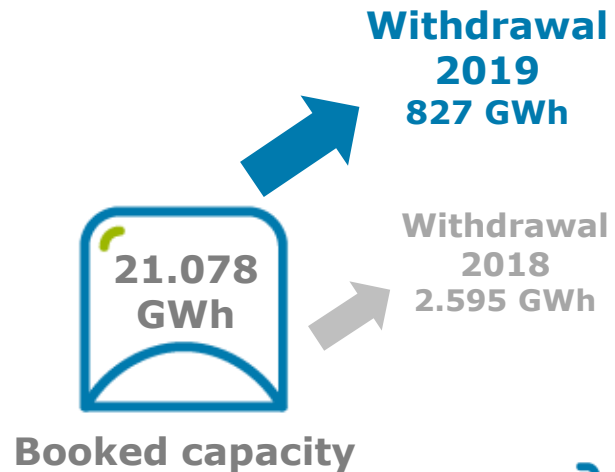
6. Operating notes

Withdrawal season

GWh/day



Withdrawal Withdr. Previous year



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1 Operating Note were published during **February 2019**

- Operating Note 01: **Reduction of Winter Reserve obligation 2018-2019** (15/02/2019)



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

Thank you

