

Statistical bulletin

Technical Management of the System

January 2019

PREVIEW



Content



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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

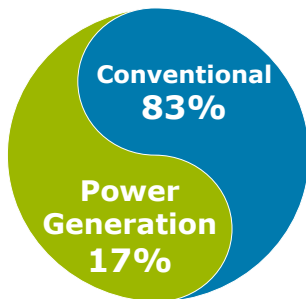
5. Underground storage

6. Operating notes

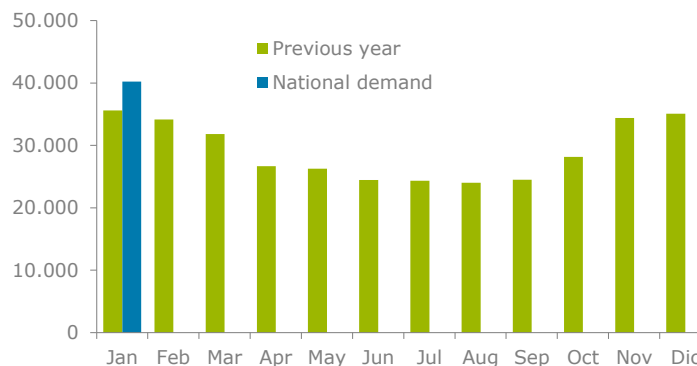
Natural Gas demand follow-up

Unit : GWh	Month	% Δ Month	Year	% Δ Year	MAT	% Δ 2018
	1 st to 31st January		Year 2019		1 st February 2018 to 31 st January 2019	
<i>National Demand</i>	40.223	13,0%	40.223	13,0%	353.929	1,3%
- Conventional demand	33.345	9,7%	33.345	9,7%	290.412	1,0%
- NG for Power Generation	6.878	32,5%	6.878	32,5%	63.517	2,7%
<i>International Demand</i>						
- International connections exports	252	-89,3%	610	-74,2%	27.363	-11,7%
- LNG Vessel loading		-100,0%		-100%	3.893	-21,7%
TOTAL	40.476	3,7%	40.833	4,6%	385.185	0,0%

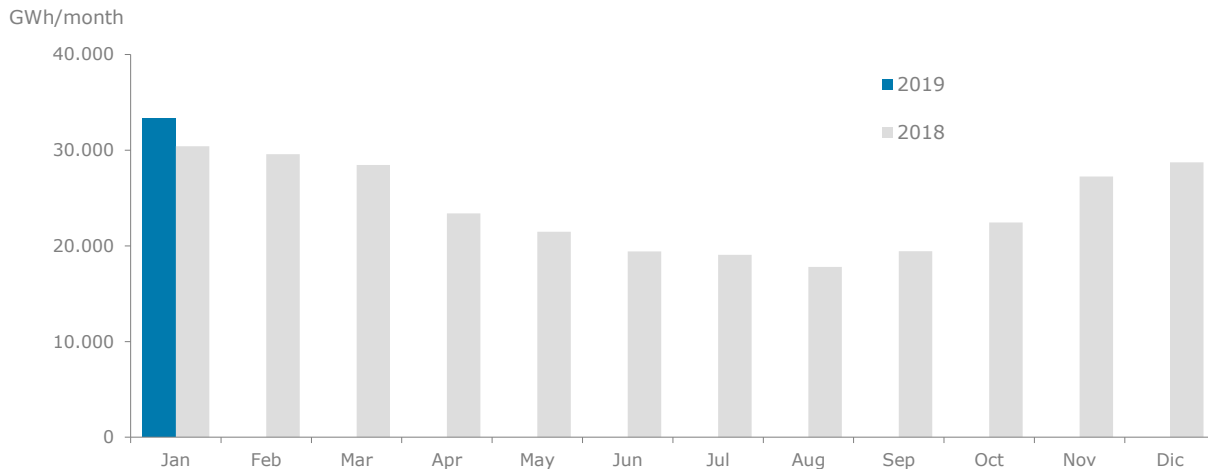
National demand
January - 2019



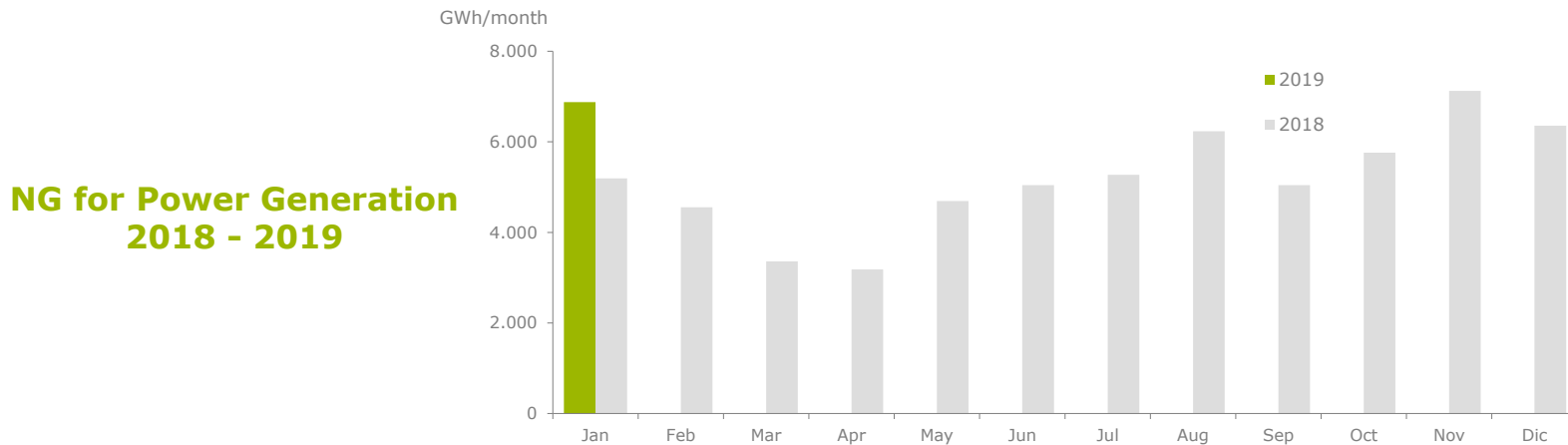
GWh/month



Natural Gas demand follow-up



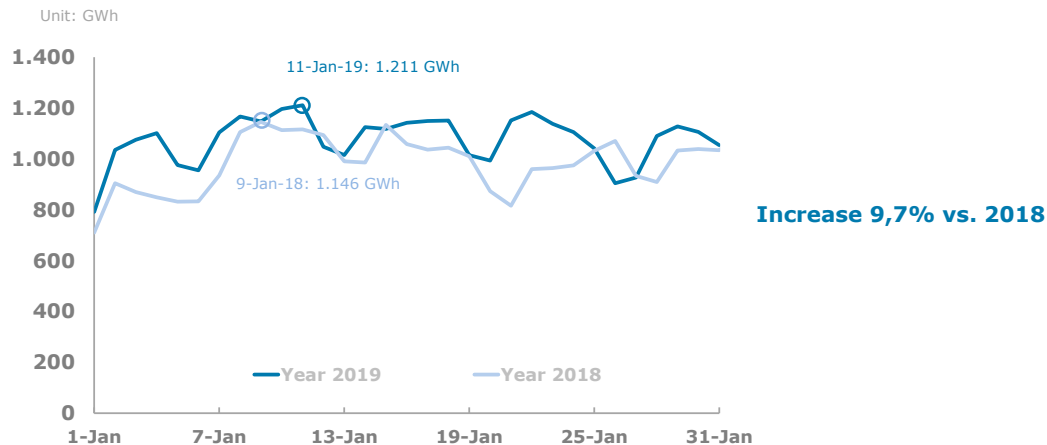
**Conventional demand
2018 - 2019**



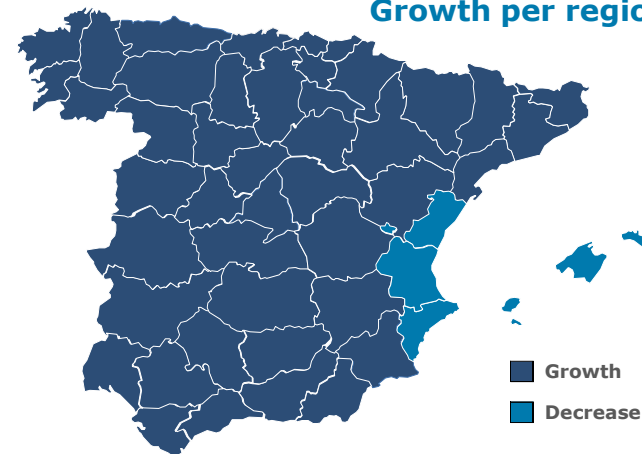
**NG for Power Generation
2018 - 2019**

Conventional demand

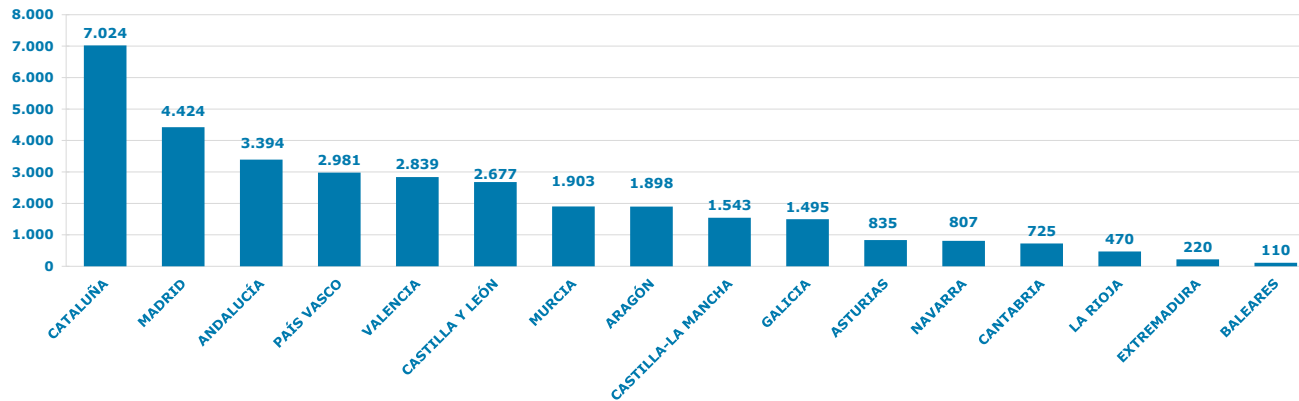
Comparison 2018-2019



Growth per region



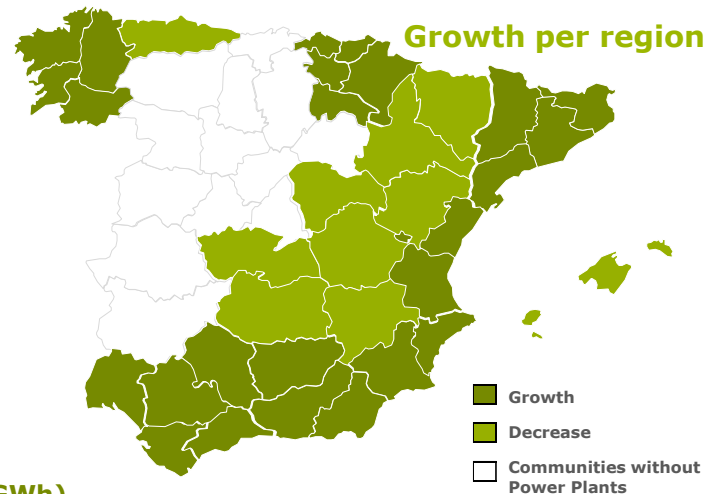
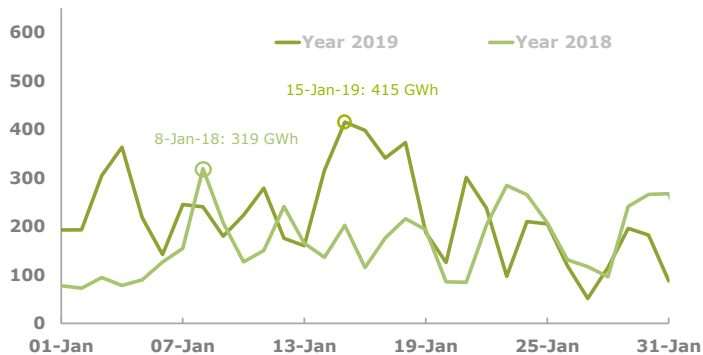
Conventional demand per CCAA (GWh)



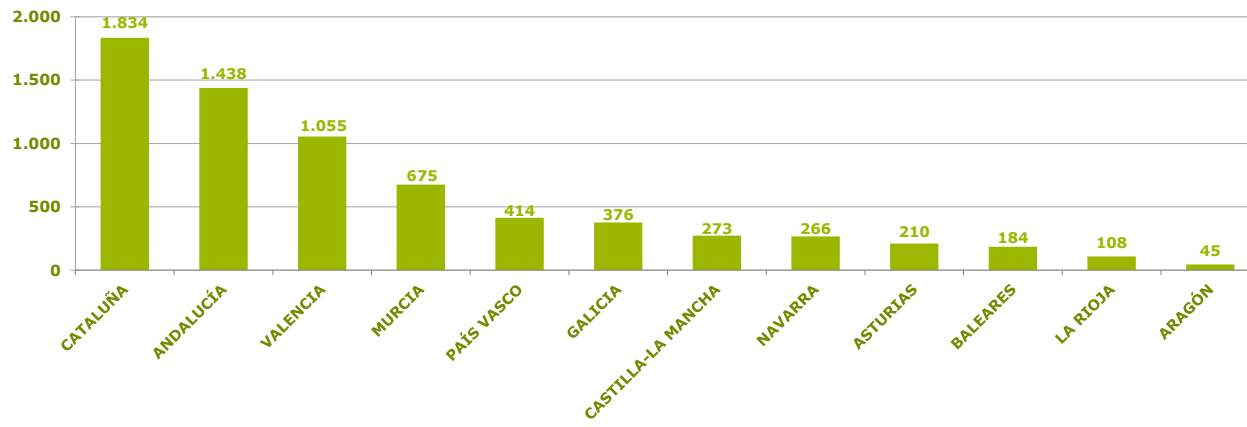
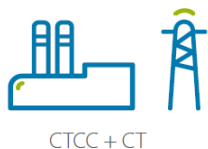
Natural gas for power generation

Comparison 2018-2019

Unit: GWh

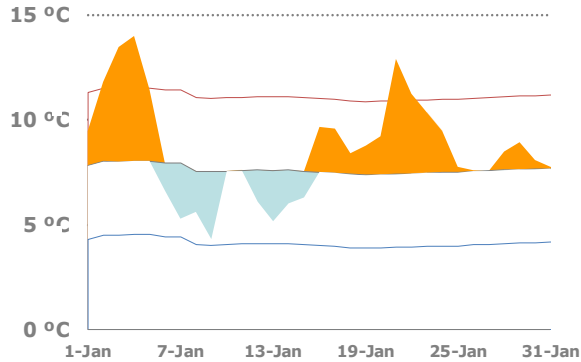


NG for Power Generation (GWh)

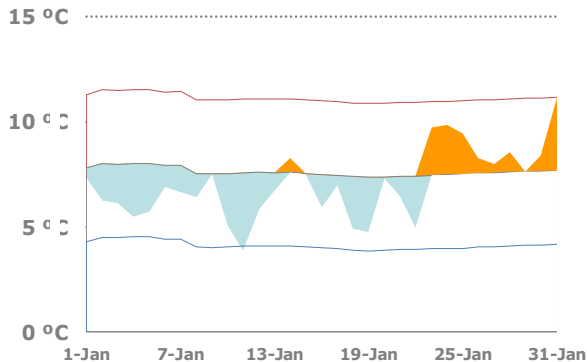


Demand - Temperatures

Temperatures 2018

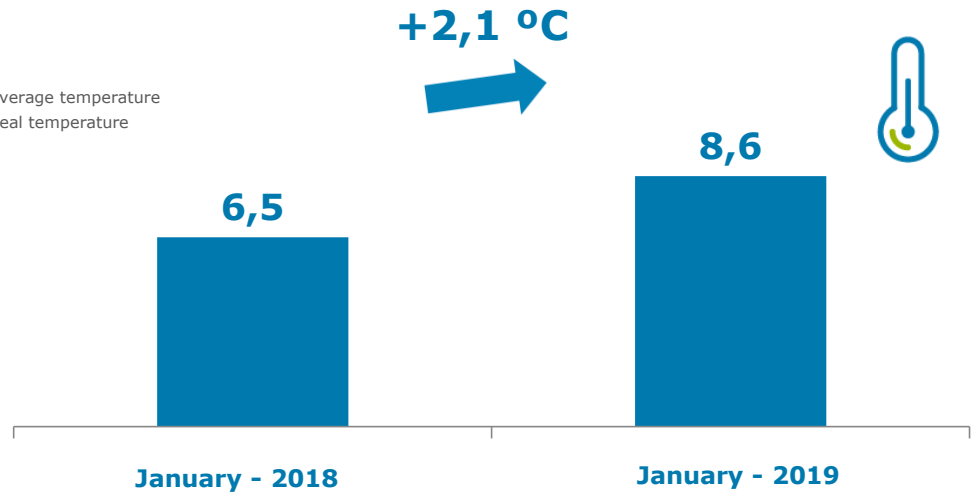


Temperatures 2019



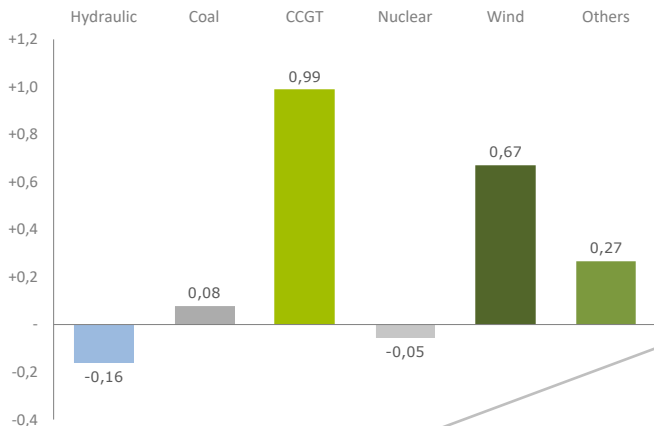
- Temperatures have been higher during January 2019 in comparison with January 2018.
- The average temperature has been **2,1°C** higher than the average of January 2018

— Average temperature
— Real temperature

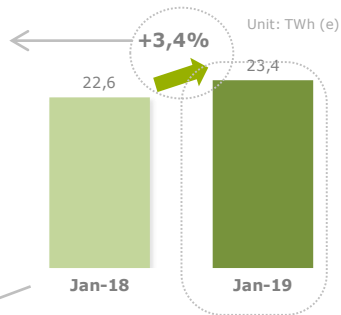


Gas for power generation

GROWTH JAN-19 VS. JAN-18

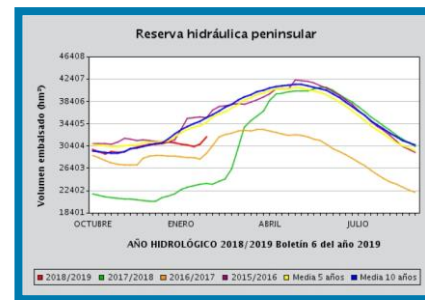


TRANSMISSION DEMAND JAN-19 VS. JAN-18

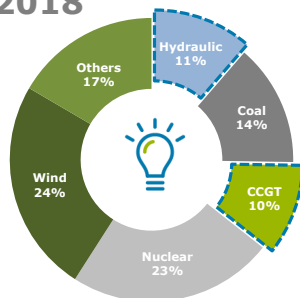


CAPACITY

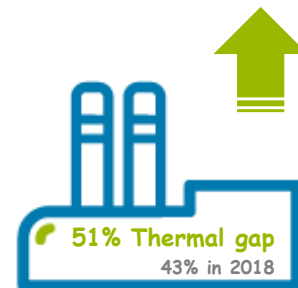
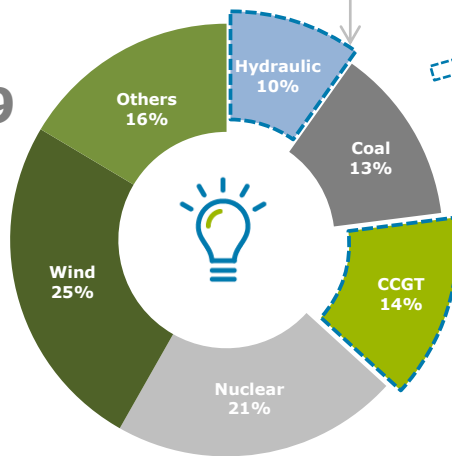
TOTAL : 56.118 hm³ = 23.281 GWh
ACTUAL : 31.982 hm³ = 10.582 GWh



2018



2019



Gas for power generation

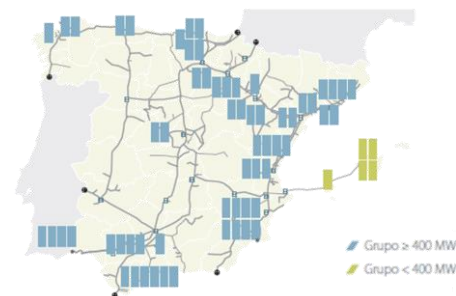
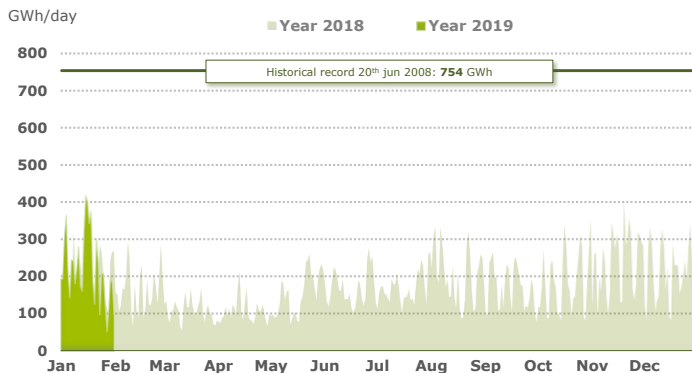


Monthly record

Mobile Anual Total Record

Unit: GWh

	Jan-18	Jan-19	Δ s/Jan-18	Year 2019	MAT Feb-2018/Jan-2019	Δ over/Year 2018
NG for Power Generation	5.192	6.878	+32,5%	6.878	63.507	+2,7%
- Thermal Power Plants	36	21	-43%	21	209	-6,9%
- CCGT's	5.156	6.857	+33%	6.857	63.298	+2,8%
Maximum daily consumption	319	415	+30%	415	415	-
	08-Jan-18	15-Jan-19		15-Jan-19	15-Jan-19	
Minimum daily consumption	73	51	-29%	51	51	-
	02-Jan-18	27-Jan-19		27-Jan-19	27-Jan-19	



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Activity by LNG plant

5. Underground storage

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Origin of supplies

		Monthly record		Annual Total record		Mobile Annual Total record	
Unit: GWh		Jan-18	Jan-19	Year 2019	% 2019	MAT Feb-18/Jan-19	% MAT
Algeria	NG	18.205	16.248	16.248	} 48,3%	182.140	} 50,3%
	LNG	3.642	1.491	1.491		14.699	
Nigeria	LNG	6.793	4.703	4.703	12,8%	43.878	11,2%
Qatar	LNG	1.776	1.799	1.799	4,9%	37.710	9,6%
T&T	LNG	887	2.663	2.663	7,3%	26.018	6,6%
Peru	LNG	1.700	-	-	0,0%	17.595	4,5%
France	NG	3.824	6.228	6.228	} 17,0%	42.636	} 11,0%
	LNG	-	-	-		487	
Angola	LNG	-	-	-	0,0%	1.033	0,3%
United States	LNG	-	1.988	1.988	5,4%	5.008	1,3%
Norway	LNG	-	-	-	0,0%	6.562	1,7%
Bélgica	LNG	-	-	-	0,0%	896	0,2%
National gas field	NG	11	169	169	0,5%	1.126	0,3%
National biogas	NG	8	10	10	0,0%	95	0,0%
Portugal	NG	-	398	398	1,1%	504	0,1%
Dominican Republic	LNG	-	-	-	0,0%	338	0,1%
Russia	LNG	1.030	1.025	1.025	2,8%	9.756	2,5%
Cameroon	LNG	-	-	-	0,0%	863	0,2%
TOTAL		37.875	36.723	36.723	100%	391.344	100%

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 and tilted.

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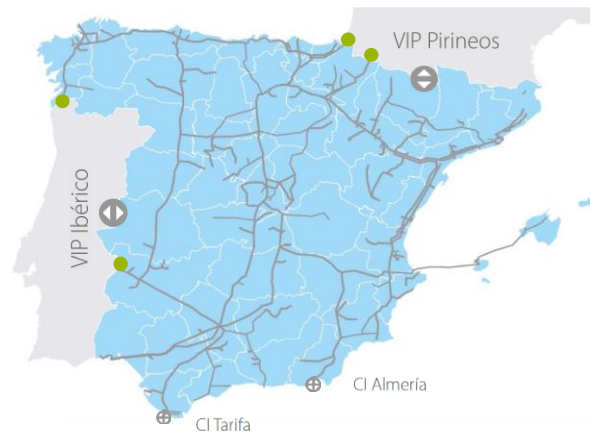
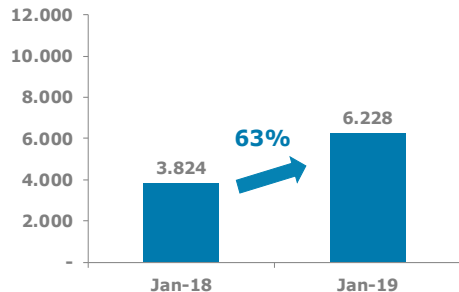
6. Operating notes

Interconnection points

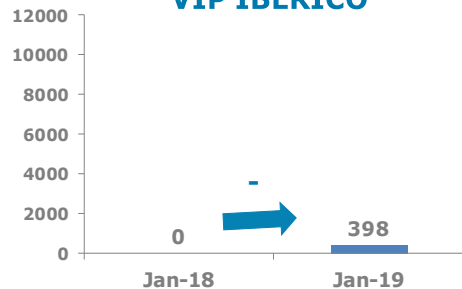
Imports

Unit: GWh

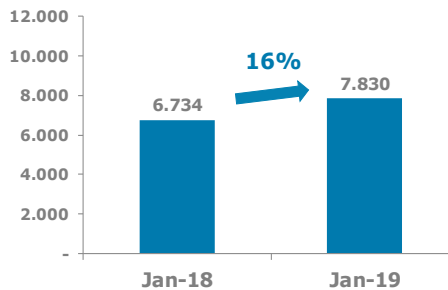
VIP PIRINEOS



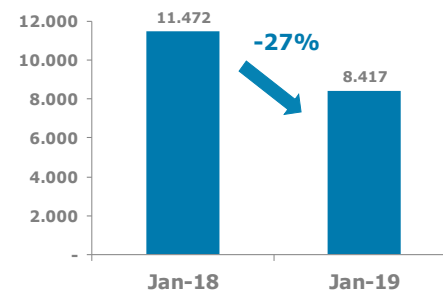
VIP IBÉRICO



ALMERÍA



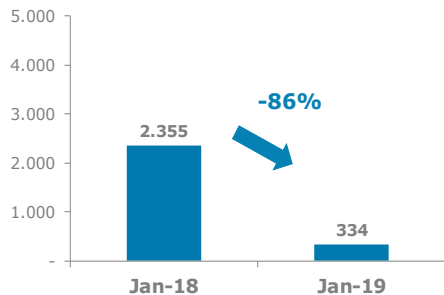
TARIFA



Exports

Unit: GWh

VIP IBÉRICO



VIP PIRINEOS



Interconnection points

Balance

Unit: GWh	Monthly Record			Monthly Mobile Annual Record		
	Jan-18	Jan-19	Δ over/Jan-18	Year 2019	MAT Feb- 18/Jan-19	Δ s/MAT
Tarifa GME	11.472	8.417	-27%	8.417	101.753	-3%
Almería MEDGAZ	6.734	7.830	16%	7.830	80.387	1%
VIP PIRINEOS	3.818	6.204	63%	6.204	33.949	8%
VIP IBÉRICO	-2.355	64	-103%	64	-19.801	-11%
National gas field	11	169	16%	169	1.126	16%
National biogas	8	10	18%	10	95	2%
TOTAL	19.687	22.695	15%	22.695	197.508	2%



(+) Entry flows; (-) Exit flows

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Activity at Barcelona plant

Contract information (Average value)		Jan-18	Jan-19
Send-out	GWh/day	182	186
LNG Trucks	GWh/day	8	11
% average contract vs. nominal		34%	35%
% average contract use		92%	89%

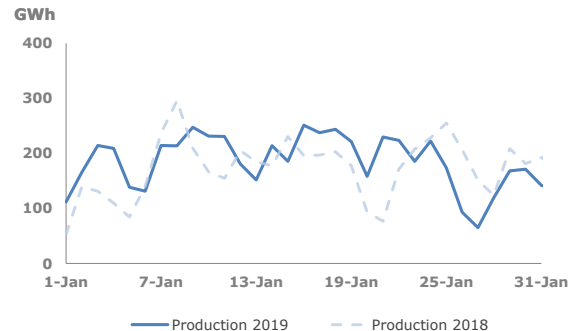
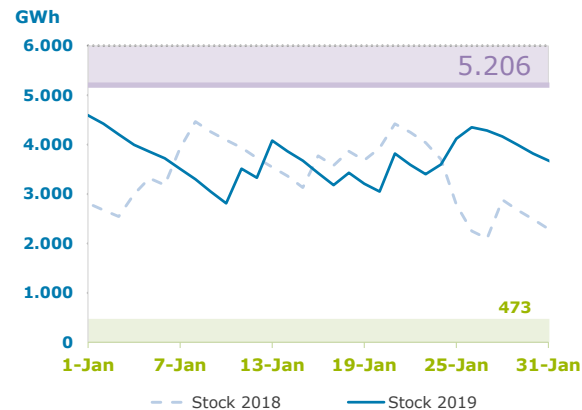
2018

7 LNG Unloaded
(5.891 GWh)
1 LNG Loaded
(1.079 GWh)



2019

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



Physical production			Jan-18	Jan-19
Nominal	Send-out	GWh/day	544	544
	LNG Trucks	GWh/day	15	15
	Total	GWh/day	559	559
Monthly production		GWh	5.387	5.747

Activity at Huelva plant

Contract information (Average value)		Jan-18	Jan-19
Send-out	GWh/day	192	148
LNG Trucks	GWh/day	8	8
% average contract vs. nominal		51%	40%
% average contract use		70%	95%

2018

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

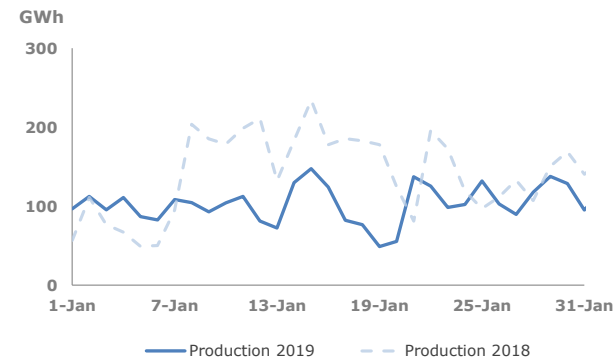
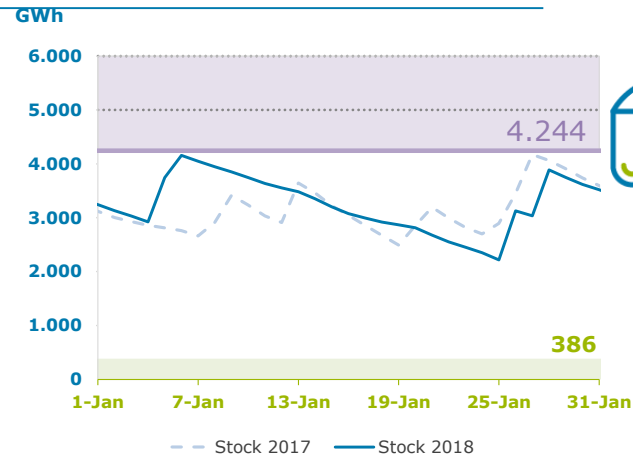


2019

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



Physical production			Jan-18	Jan-19
Nominal	Send-out	GWh/day	377	377
	LNG Trucks	GWh/day	15	15
	Total	GWh/day	392	392
Monthly production		GWh	4.356	3.191



Activity at Cartagena plant



Contract information (Average value)		Jan-18	Jan-19
Send-out	GWh/day	33	28
LNG Trucks	GWh/day	7	11
% average contract vs. nominal		10%	10%
% average contract use		78%	95%

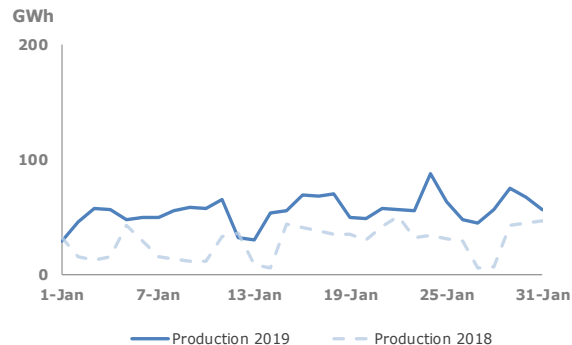
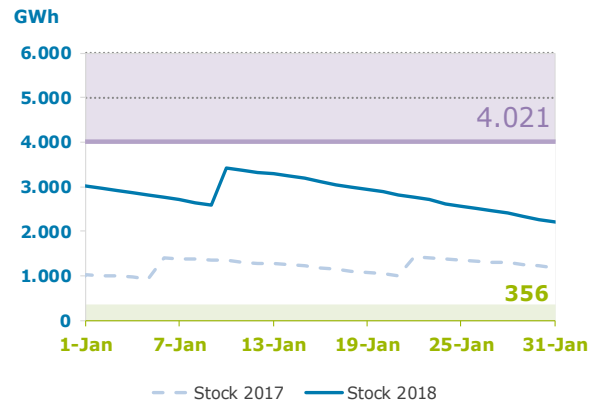
2018

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



2019

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



Physical production			Jan-18	Jan-19
Nominal	Send-out	GWh/day	377	377
	LNG Trucks	GWh/day	15	15
	Total	GWh/day	392	392
Monthly production		GWh	869	1.712

Activity at Bilbao plant

Contract information (Average value)		Jan-18	Jan-19
Send-out	GWh/day	97	156
LNG Trucks	GWh/day	3	3
% average contract vs. nominal		44%	70%
% average contract use		74%	87%

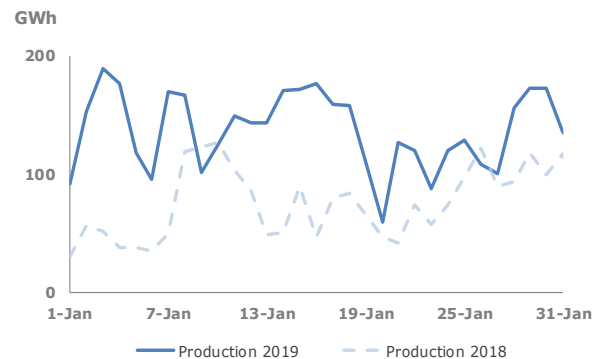
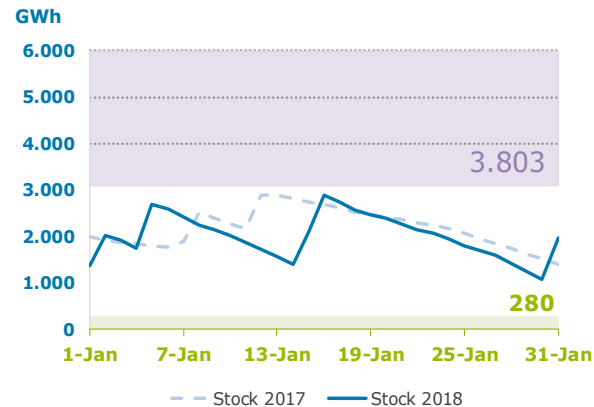
2018

2019

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



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



Physical production			Jan-18	Jan-19
Nominal	Send-out	GWh/day	223	223
	LNG Trucks	GWh/day	5	5
	Total	GWh/day	228	228
Monthly production		GWh	2.353	4.256

Activity at Sagunto plant



Contract information (Average value)		Jan-18	Jan-19
Send-out	GWh/day	0	2
LNG Trucks	GWh/day	6	2
% average contract vs. nominal		2%	1%
% average contract use		99%	108%

2018

2019

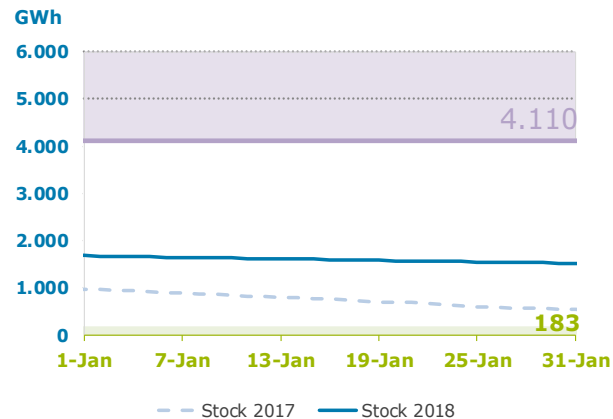
0 LNG Unloaded
(0 GWh)

0 LNG Loaded
(0 GWh)

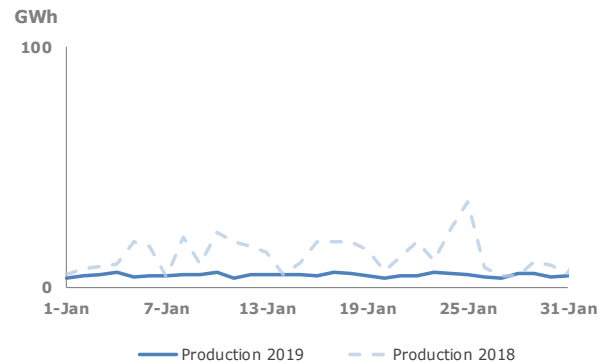


0 LNG Unloaded
(0 GWh)

0 LNG Loaded
(0 GWh)



Physical production			Jan-18	Jan-19
Nominal	Send-out	GWh/day	279	279
	LNG Trucks	GWh/day	10	10
	Total	GWh/day	290	290
Monthly production		GWh	421	157



Activity at Mugardos plant

Contract information (Average value)		Jan-18	Jan-19
Send-out	GWh/day	83	13
LNG Trucks	GWh/day	4	4
% average contract vs. nominal		69%	14%
% average contract use		69%	99%

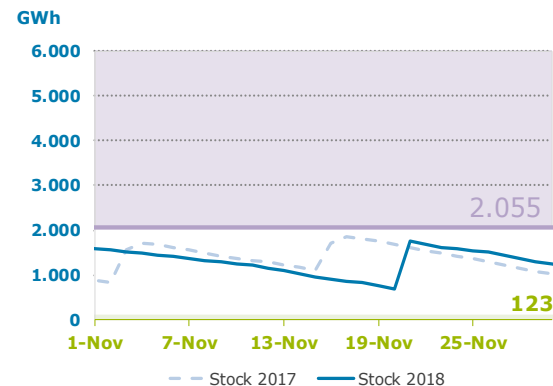
2018

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

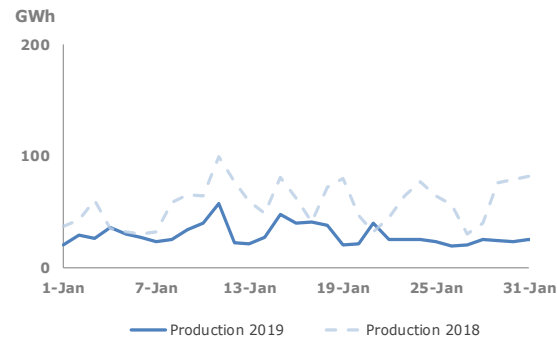


2019

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



Physical production			Jan-18	Jan-19
Nominal	Send-out	GWh/day	115	115
	LNG Trucks	GWh/day	10	10
	Total	GWh/day	126	126
Monthly production		GWh	1,773	904



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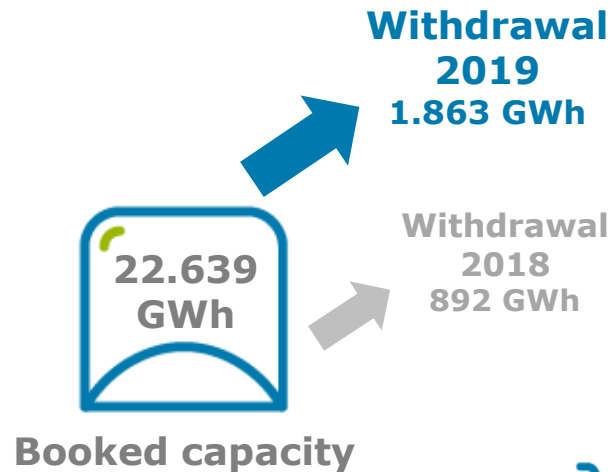
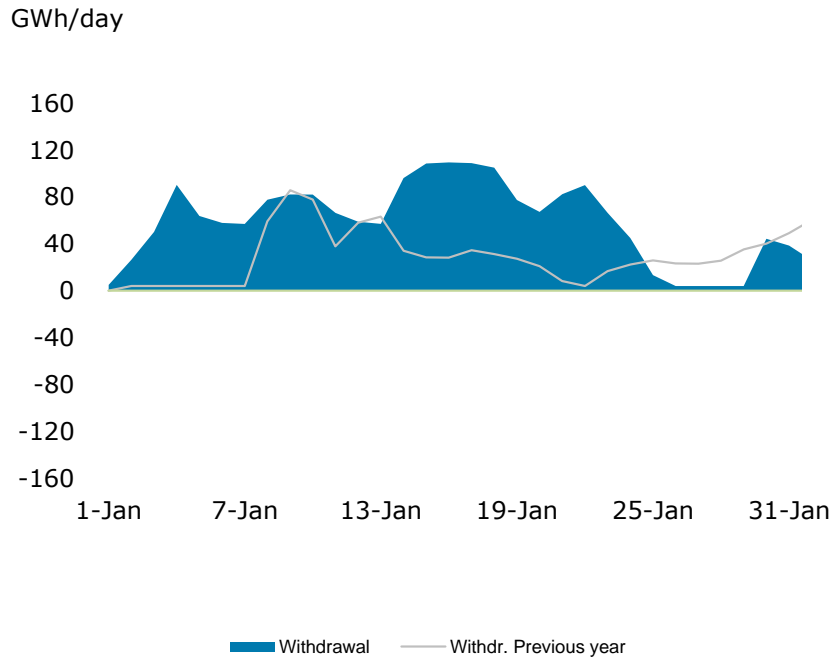
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Withdrawal season



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No Operating Notes were published during **January 2019**



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

Thank you

