

# Statistical bulletin

## Technical Management of the System

June 2019

**PREVIEW**



# Content

A yellow sign with the ENAGAS logo and text is visible in the upper right corner of the slide. The sign is partially cut off and tilted.

## **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

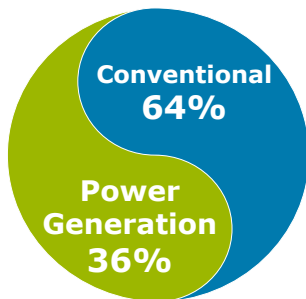
## **5. Underground storage**

## **6. Operating notes**

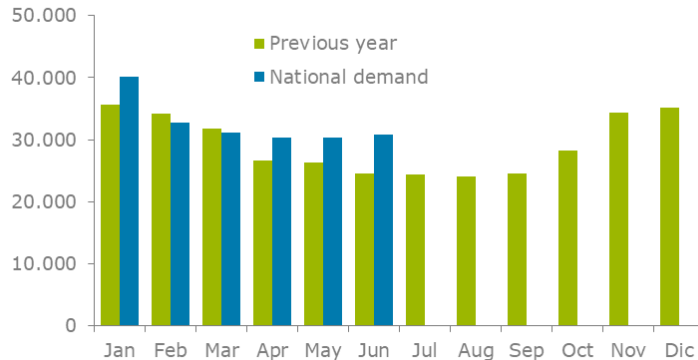
# Natural Gas demand follow-up

Unit : GWh	Month	% Δ Month	Year	% Δ Year	MAT	% Δ 2018
	1 <sup>st</sup> to 30th June		Year 2019		1 <sup>st</sup> July 2018 to 30 <sup>th</sup> June 2019	
<i>National Demand</i>	30.747	25,6%	195.483	9,3%	365.995	4,8%
- Conventional demand	19.627	1,0%	152.376	-0,2%	287.094	-0,1%
- NG for Power Generation	11.121	120,5%	43.108	65,6%	78.900	27,7%
<i>International Demand</i>						
- International connections exports	333	-93,2%	2.417	-86,0%	16.111	-48,0%
- LNG Vessel loading	61		186	-91,6%	2.950	-40,7%
<b>TOTAL</b>	<b>31.141</b>	<b>6,0%</b>	<b>198.086</b>	<b>-0,1%</b>	<b>385.056</b>	<b>0,0%</b>

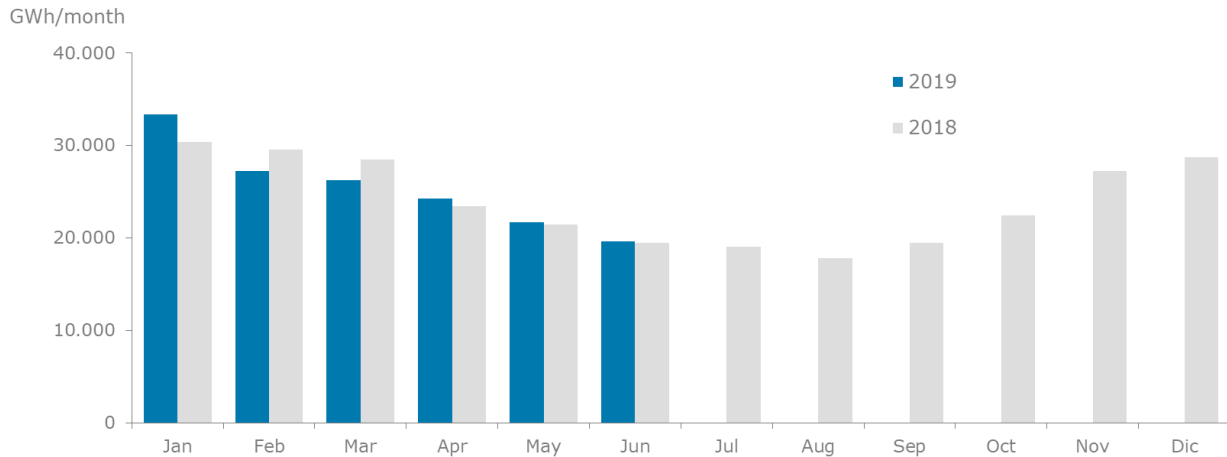
National demand  
June- 2019



GWh/month

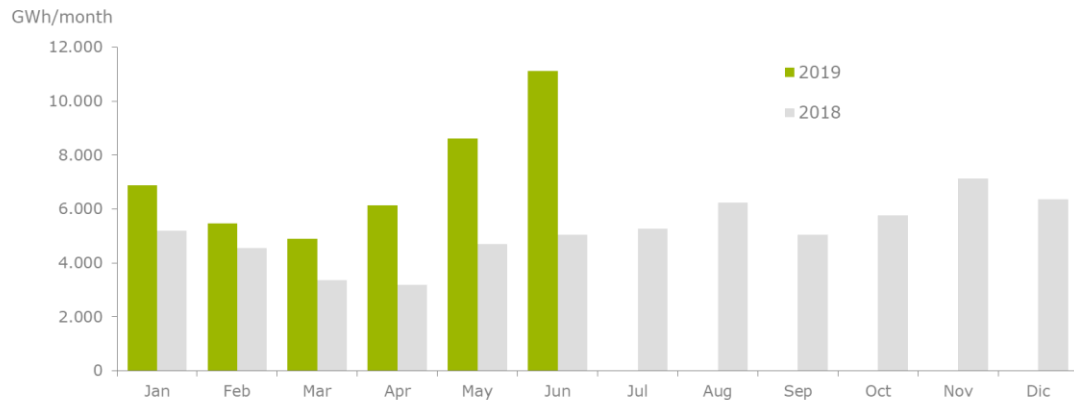


# Natural Gas demand follow-up



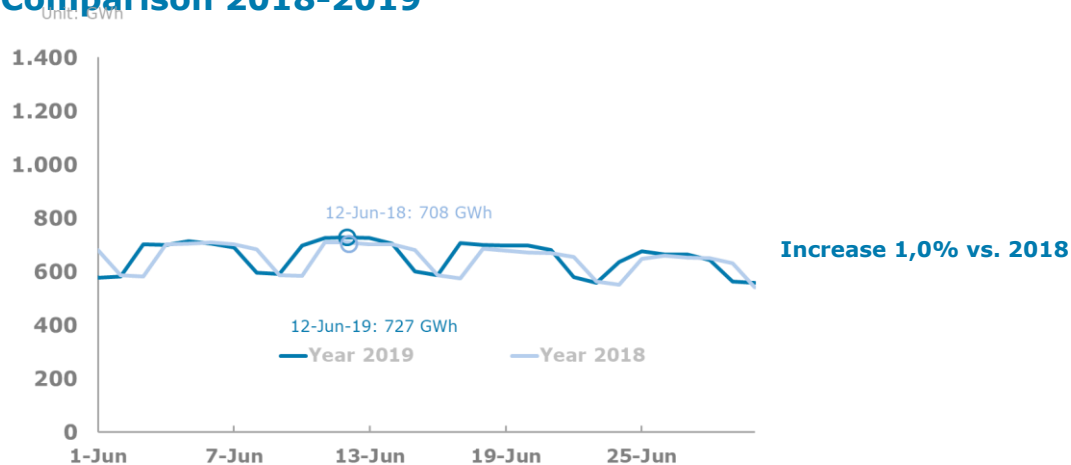
**Conventional demand  
2018 - 2019**

**NG for Power Generation  
2018 - 2019**

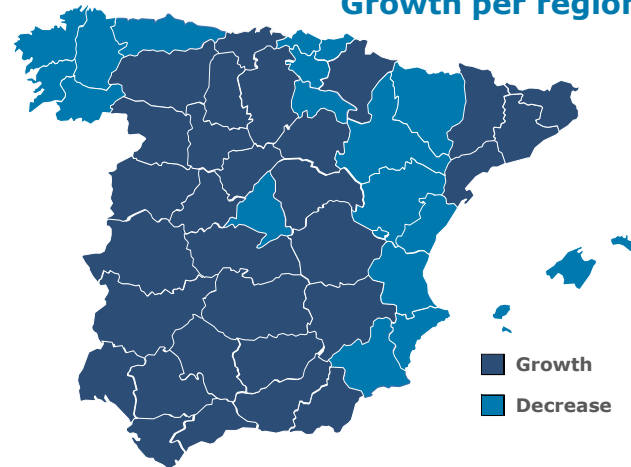


# Conventional demand

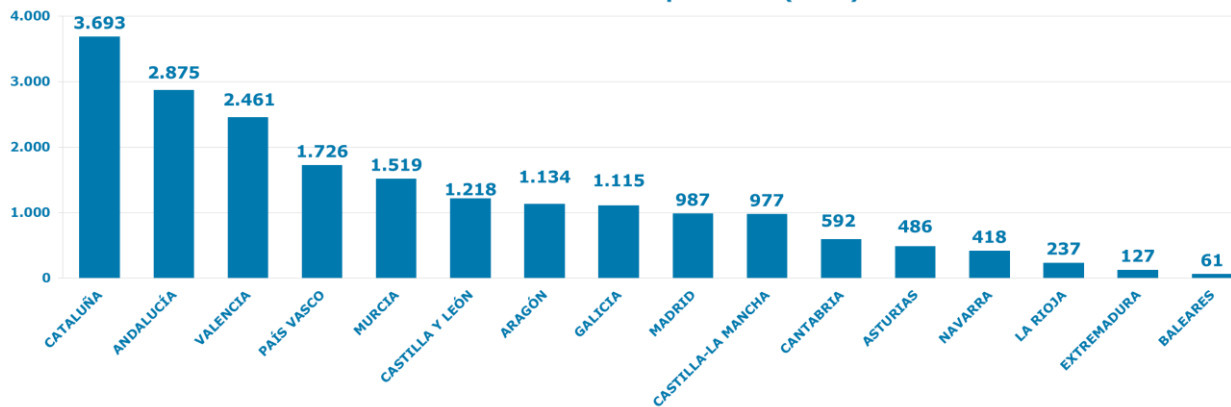
## Comparison 2018-2019



## Growth per region



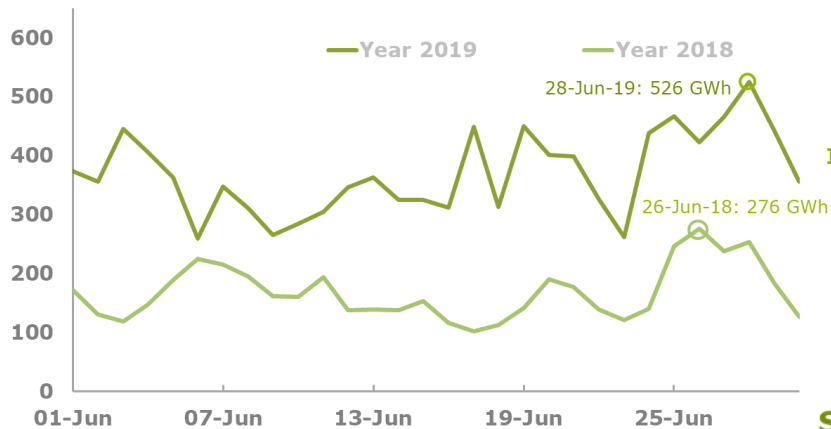
## Conventional demand per CCAA (GWh)



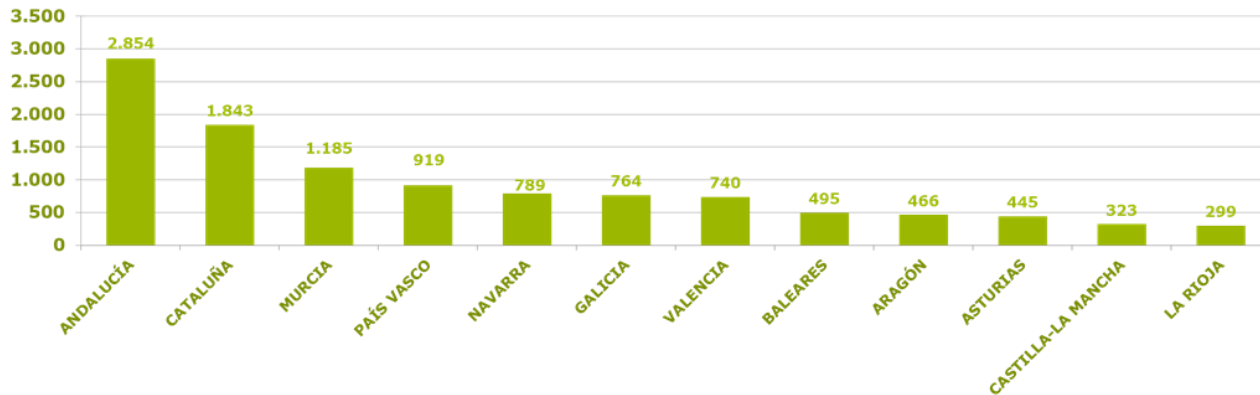
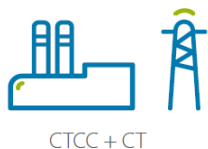
# Natural gas for power generation

## Comparison 2018-2019

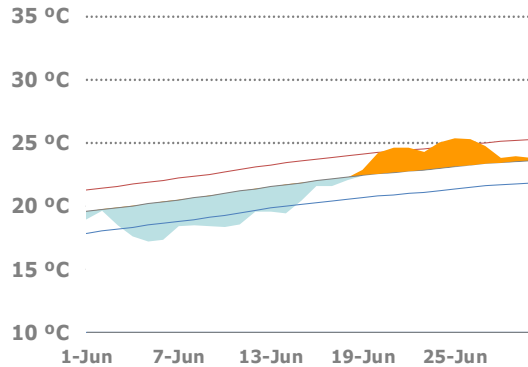
Unit: GWh



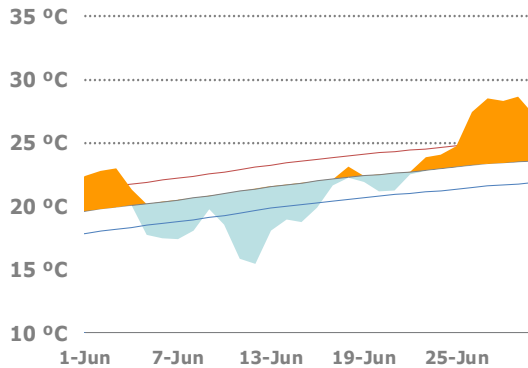
## Sector Eléctrico GWh



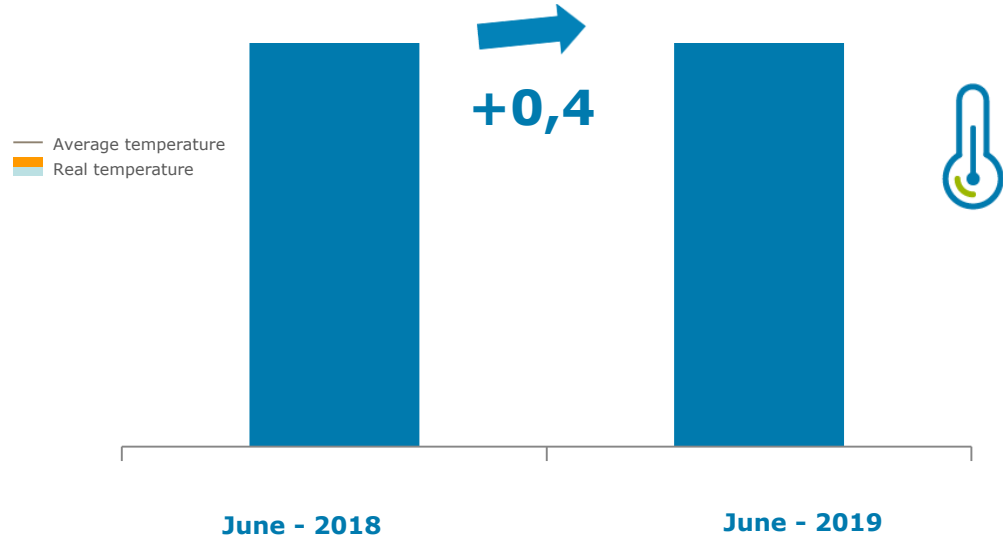
## Temperatures 2018



## Temperatures 2019

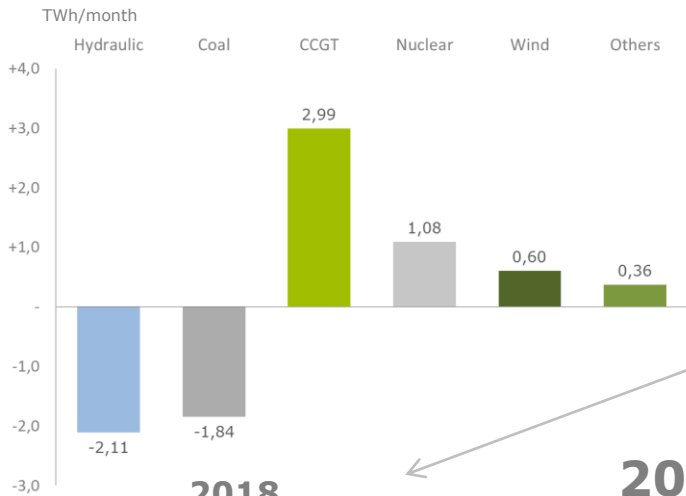


- Temperatures have been highest during June 2019 in comparison with June 2018.
- The average temperature has been **0.4°C** highest than the average of June 2018

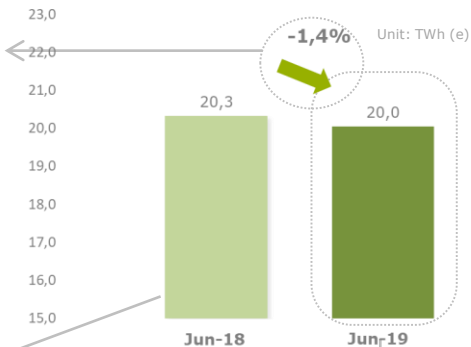


# Gas for power generation

## GROWTH MAY-19 VS. MAY-18

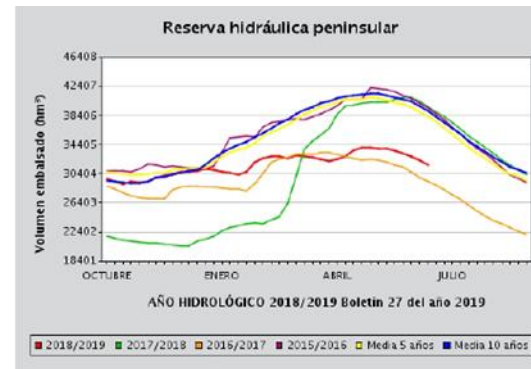


## TRANSMISSION DEMAND MAY-19 VS. MAY-18

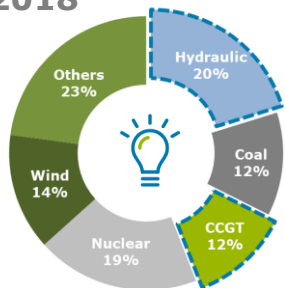


## CAPACITY

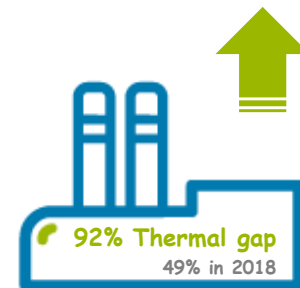
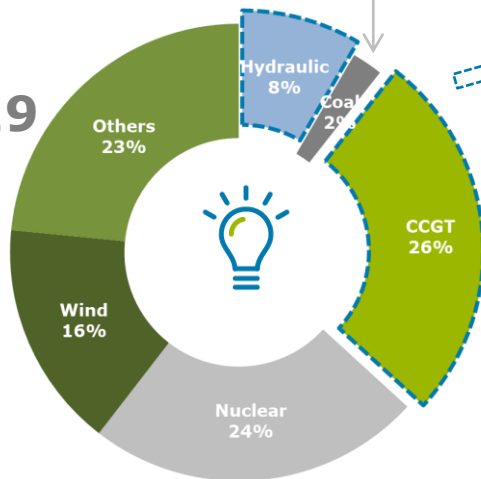
**TOTAL :** 56.118 hm<sup>3</sup> = 23.281 GWh  
**ACTUAL :** 31.591 hm<sup>3</sup> = 11.807 GWh



2018



2019





# Gas for power generation

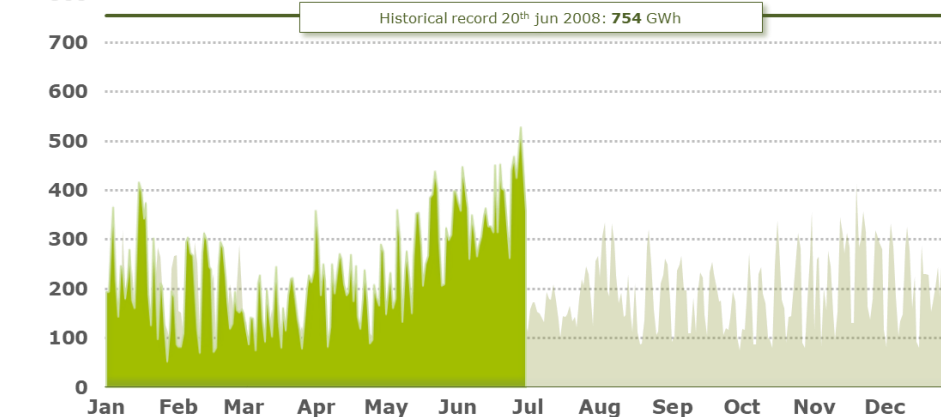


## Monthly record

## Mobile Annual Total Record

Unit: GWh

	Jun-18	Jun-19	Δ s/jun-18	Year 2019	MAT Jul-2018/Jun-2019	Δ over/Year 2018
<b>NG for Power Generation</b>	<b>5.044</b>	<b>11.121</b>	<b>+120,5%</b>	<b>43.131</b>	<b>78.924</b>	<b>+27,7%</b>
- Thermal Power Plants	21	7	-66%	65	177	-20,5%
- CCGT's	5.023	11.114	+121%	43.066	78.747	+27,8%
<b>Maximum daily consumption</b>	<b>276</b>	<b>526</b>	<b>+91%</b>	<b>526</b>	<b>526</b>	-
	26-Jun-18	28-Jun-19		28-Jun-19	28-Jun-19	
<b>Minimum daily consumption</b>	<b>103</b>	<b>260</b>	<b>-152%</b>	<b>51</b>	<b>51</b>	-
	17-Jun-18	06-Jun-19		27-Jan-19	27-Jan-19	



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## 5. Underground storage

## 6. Operating notes

# Origin of supplies

		Monthly record		Annual Total record		Mobile Annual Total record	
Unit: GWh		Jun-18	Jun-19	Year 2019	% 2019	MAT Jul-18/ Jun-19	% MAT
Algeria	NG	15.997	8.043	60.100	} 35,0%	142.579	} 40,1%
	LNG	1.983	-	7.461		13.404	
Nigeria	LNG	3.737	2.949	24.948	12,9%	47.713	12,3%
Qatar	LNG	1.816	5.877	19.388	10,1%	38.449	9,9%
T&T	LNG	3.394	2.622	17.148	8,9%	29.891	7,7%
Peru	LNG	876	-	-	0,0%	14.219	3,7%
France	NG	2.074	3.169	29.491	} 15,3%	52.057	} 13,4%
	LNG	-	-	-		-	
Angola	LNG	-	-	2.033	1,1%	2.033	0,5%
United States	LNG	-	5.250	17.287	9,0%	20.307	5,2%
Norway	LNG	960	1.874	3.724	1,9%	7.458	1,9%
Bélgica	LNG	-	-	-	0,0%	896	0,2%
National gas field	NG	121	112	847	0,4%	1.542	0,4%
National biogas	NG	7	7	52	0,0%	99	0,0%
Portugal	NG	-	136	1.655	0,9%	1.734	0,4%
Dominican Republic	LNG	-	-	-	0,0%	338	0,1%
Russia	LNG	1.112	2.149	7.665	4,0%	14.181	3,6%
Cameroon	LNG	-	-	966	0,5%	1.829	0,5%
<b>TOTAL</b>		<b>32.077</b>	<b>32.188</b>	<b>192.765</b>	<b>100%</b>	<b>388.729</b>	<b>100%</b>

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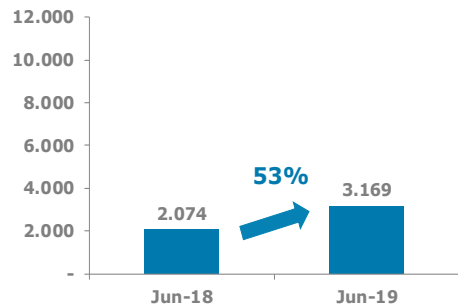
## 6. Operating notes

# Interconnection points

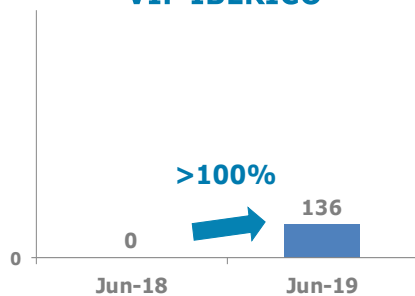
## Imports

Unit: GWh

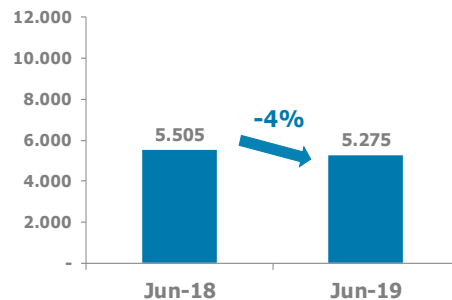
### VIP PIRINEOS



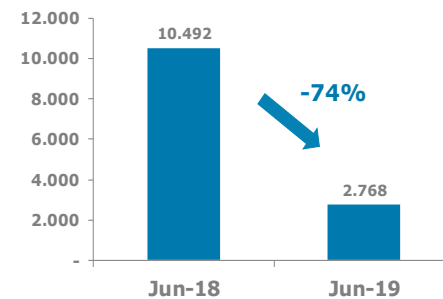
### VIP IBÉRICO



### ALMERÍA



### TARIFA

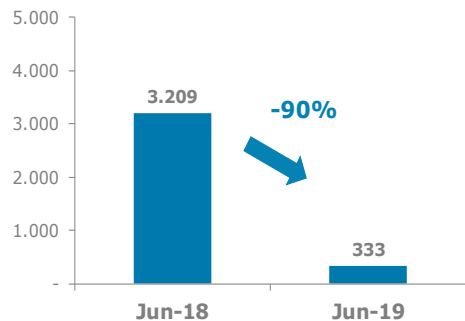


# Interconnection points

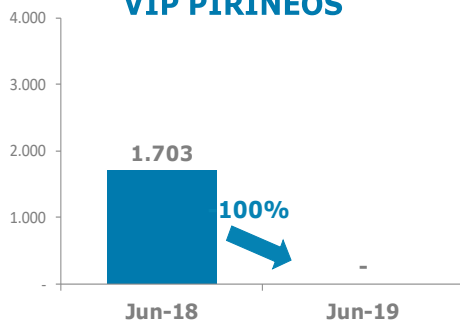
## Exports



Unit: GWh **VIP IBÉRICO**



**VIP PIRINEOS**



# Interconnection points

## Balance

### Monthly Record

### Monthly Mobile Annual Record

Unit: GWh	Jun-18	Jun-19	Δ over/Jun-18	Year 2019	MAT Jul- 18/Jun-19	Δ s/MAT
Tarifa GME	10.492	2.768	-74%	25.918	65.674	-37%
Almería MEDGAZ	5.505	5.275	-4%	34.225	76.948	-3%
VIP PIRINEOS	371	3.169	>100%	29.170	47.219	49%
VIP IBÉRICO	-3.209	-197	-94%	-442	-9.540	-57%
National gas field	121	112	-7%	847	1.542	59%
National biogas	7	7	10%	52	99	6%
<b>TOTAL</b>	<b>13.286</b>	<b>11.134</b>	<b>-16%</b>	<b>89.770</b>	<b>181.942</b>	<b>-6,5%</b>

(+) Entry flows; (-) Exit flows



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# Activity at Barcelona plant



Contract information (Average value)		Jun-18	Jun-19
Send-out	GWh/day	178	224
LNG Trucks	GWh/day	9	15
% average contract vs. nominal		34%	43%
% average contract use		86%	75%

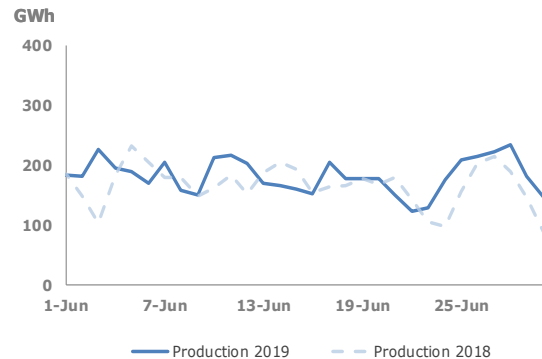
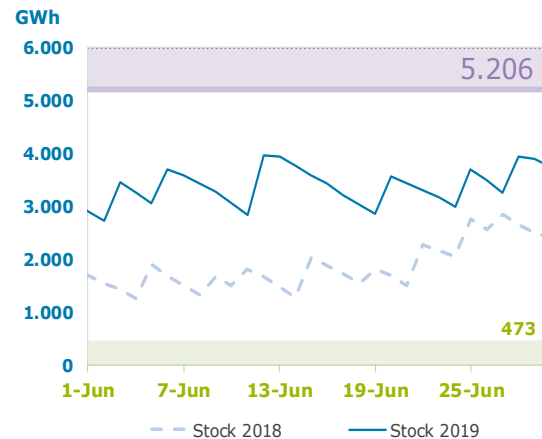
2018

8 LNG Unloaded  
(5.501 GWh)  
0 LNG Loaded  
(0 GWh)



2019

6 LNG Unloaded  
(6.113 GWh)  
1 LNG Loaded  
(28 GWh)



Physical production			Jun-18	Jun-19
Nominal	Send-out	GWh/day	544	544
	LNG Trucks	GWh/day	15	15
	<b>Total</b>	<b>GWh/day</b>	<b>559</b>	<b>559</b>
<b>Monthly production</b>	<b>GWh</b>	<b>4.984</b>	<b>5.458</b>	

# Activity at Huelva plant



Contract information (Average value)		Jun-18	Jun-19
Send-out	GWh/day	167	153
LNG Trucks	GWh/day	8	9
% average contract vs. nominal		45%	41%
% average contract use		68%	82%

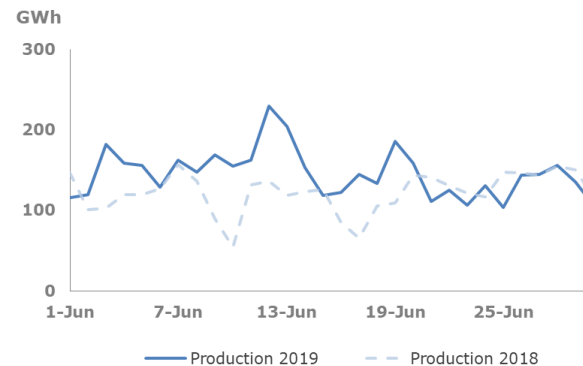
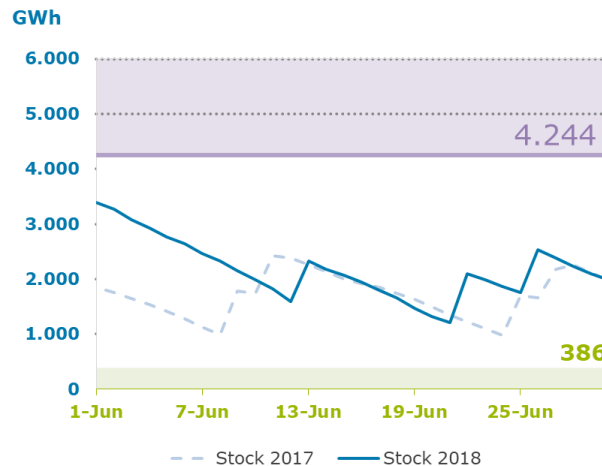
2018

2019

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



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



Physical production			Jun-18	Jun-19
Nominal	Send-out	GWh/day	377	377
	LNG Trucks	GWh/day	15	15
	<b>Total</b>	<b>GWh/day</b>	<b>392</b>	<b>392</b>
<b>Monthly production</b>		<b>GWh</b>	<b>3.675</b>	<b>4.371</b>

# Activity at Cartagena plant



Contract information (Average value)		Jun-18	Jun-19
Send-out	GWh/day	10	84
LNG Trucks	GWh/day	7	10
% average contract vs. nominal		4%	24%
% average contract use		85%	90%

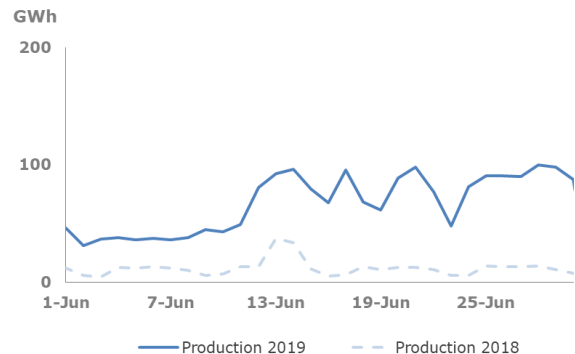
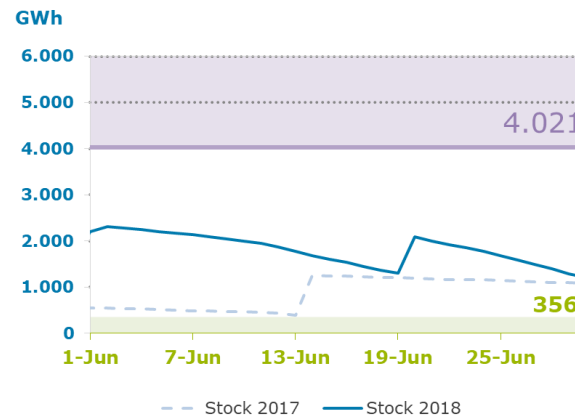
2018

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



2019

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



Physical production			Jun-18	Jun-19
Nominal	Send-out	GWh/day	377	377
	LNG Trucks	GWh/day	15	15
	<b>Total</b>	<b>GWh/day</b>	<b>392</b>	<b>392</b>
<b>Monthly production</b>		<b>GWh</b>	<b>361</b>	<b>2.031</b>

# Activity at Bilbao plant



Contract information (Average value)		Jun-18	Jun-19
Send-out	GWh/day	92	249
LNG Trucks	GWh/day	2	3
% average contract vs. nominal		41%	111%
% average contract use		74%	99%

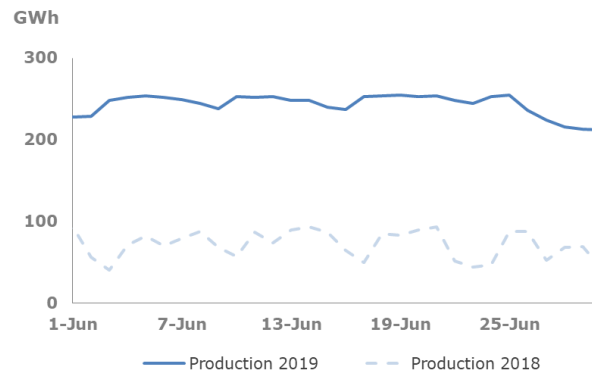
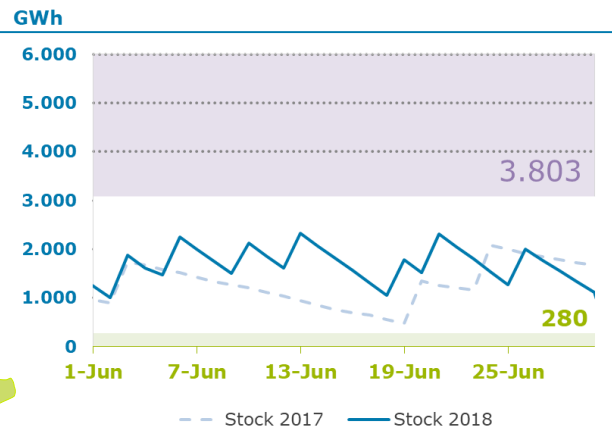
2018

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



2019

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



Physical production			Jun-18	Jun-19
Nominal	Send-out	GWh/day	223	244
	LNG Trucks	GWh/day	5	5
	<b>Total</b>	<b>GWh/day</b>	<b>228</b>	<b>249</b>
<b>Monthly production</b>		<b>GWh</b>	<b>2.159</b>	<b>7.296</b>

# Activity at Sagunto plant



Contract information (Average value)		Jun-18	Jun-19
Send-out	GWh/day	8	30
LNG Trucks	GWh/day	3	4
% average contract vs. nominal		4%	12%
% average contract use		74%	84%

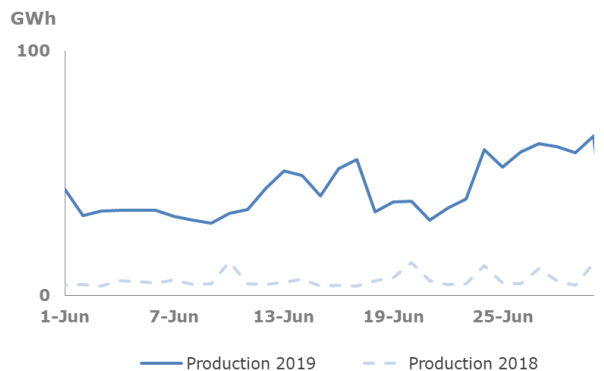
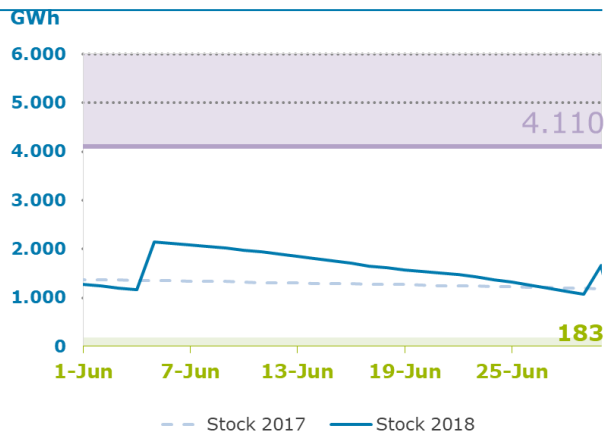
2018

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



2019

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



Physical production			Jun-18	Jun-19
Nominal	Send-out	GWh/day	279	279
	LNG Trucks	GWh/day	10	10
	<b>Total</b>	<b>GWh/day</b>	<b>290</b>	<b>290</b>
<b>Monthly production</b>		<b>GWh</b>	<b>189</b>	<b>1.304</b>

# Activity at Mugardos plant



Contract information (Average value)		Jun-18	Jun-19
Send-out	GWh/day	43	31
LNG Trucks	GWh/day	3	4
% average contract vs. nominal		37%	28%
% average contract use		74%	74%

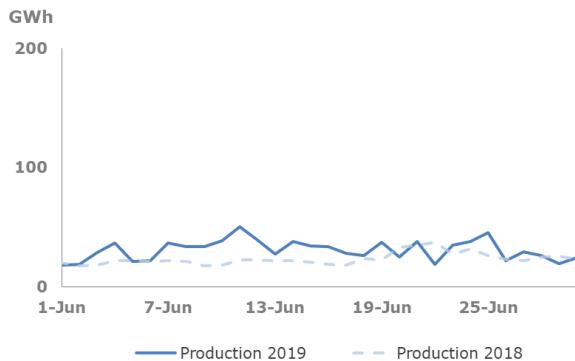
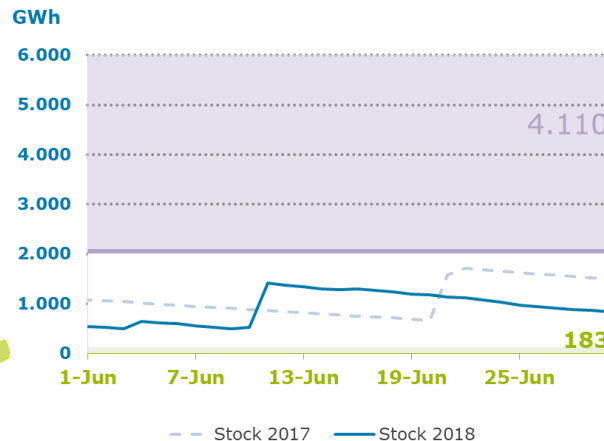
2018

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



2019

3 LNG Unloaded  
(1.235 GWh)  
1 LNG Loaded  
(22 GWh)



Physical production			Jun-18	Jun-19
Nominal	Send-out	GWh/day	115	115
	LNG Trucks	GWh/day	10	10
	<b>Total</b>	<b>GWh/day</b>	<b>126</b>	<b>126</b>
<b>Monthly production</b>		<b>GWh</b>	<b>706</b>	<b>928</b>

# Content

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Consumption by geographic location

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Production at regasification plants

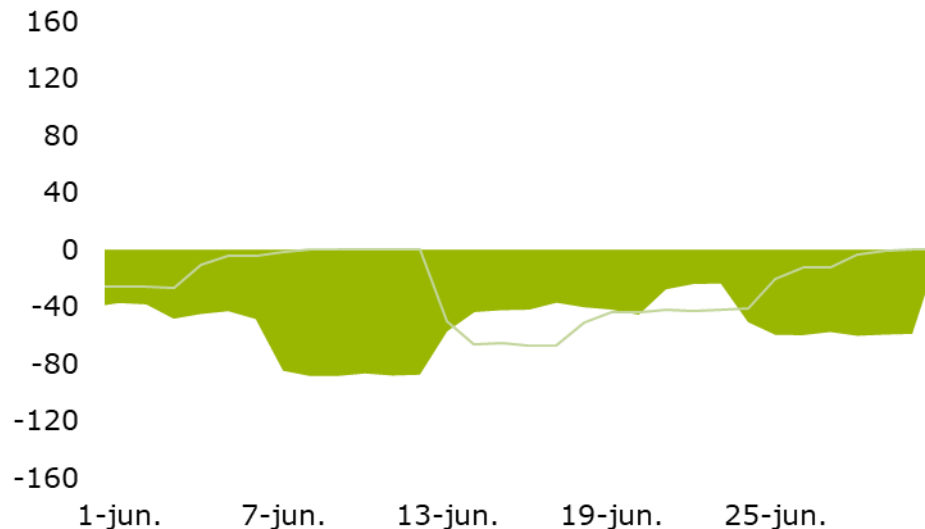
Activity by LNG plant

## 5. Underground storage

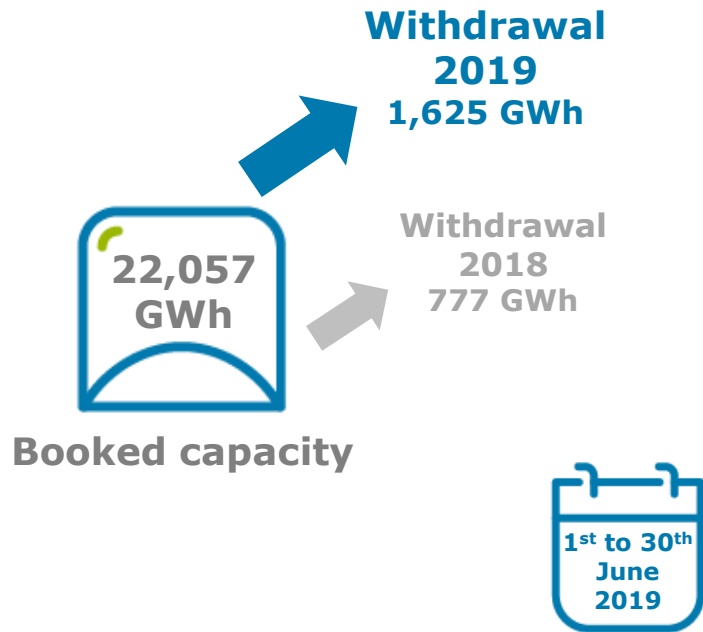
## 6. Operating notes

## Withdrawal / injection season

GWh/day



■ Injection — Injec. previous year





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## 1 Operating Note were published during June 2019



### Operation Note nº 4 June 2019 (PDF 160.79 KB)

July 2019: monthly capacity product auctions underground storage

13/06/2019

## Nota de Operación nº 4 – 13.06.2019

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### Subastas de capacidad de almacenamiento subterráneo de producto mensual julio 2019

Según las previsiones de descarga de buques y llenado de tanques que se prevén para los próximos meses y de cara a poder recibir todos los buques previstos en el sistema gasista español, como medida que pueda ayudar a la mayor contratación de AA.SS que contribuya a aliviar la situación de exceso de descargas, se va a proceder a **subastar el producto mensual de julio en varias ocasiones durante el mes de junio**.

Los días de subasta para el producto mensual julio de AA.SS serán:

**Lunes 17 de junio a las 9:00h**

**Lunes 24 de junio a las 9:00h**

**Viernes 28 de junio a las 9:00h**

El mecanismo de subasta se realizará según lo establecido en la Resolución de 30 de marzo de 2017, de la Secretaría de Estado de Energía, por la que se establece el procedimiento de asignación de capacidad de los almacenamientos subterráneos básicos, así como los derechos de inyección y extracción.

A efectos del cálculo de derechos de inyección de cada usuario, para el mes de julio, se considerará la suma de las capacidades asignadas para cada usuario en dichas subastas.

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

Thank you

