

Statistical bulletin

Technical Management of the System

July 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 obscured 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

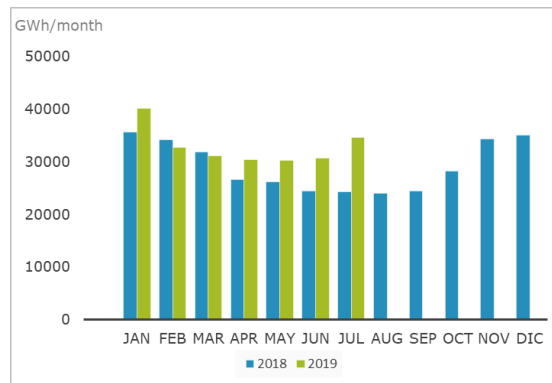
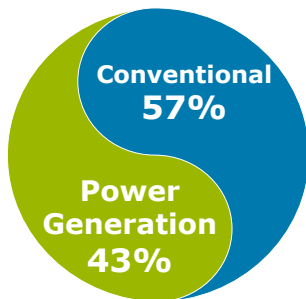
6. Operating notes

Natural Gas demand follow-up

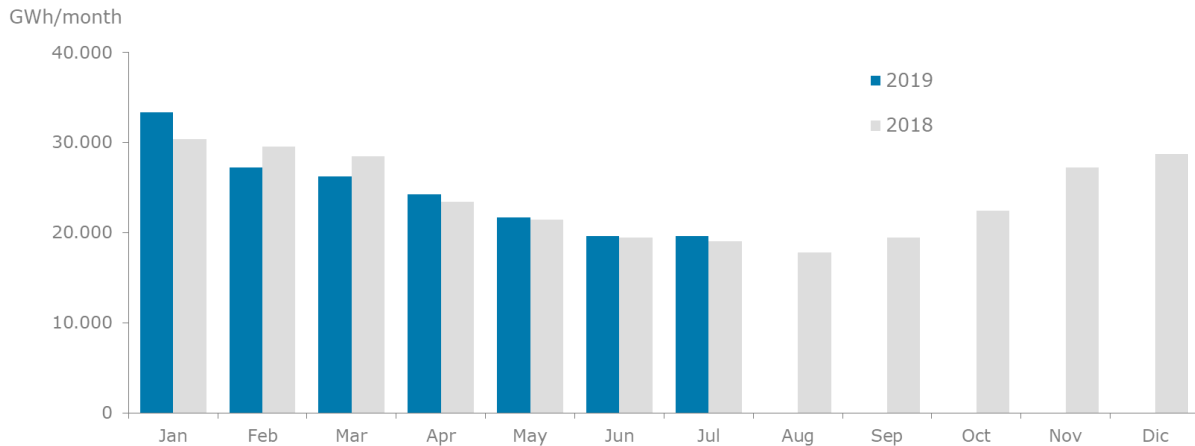
Unit : GWh

	Month	% Δ Month	Year	% Δ Year	MAT	% Δ 2018
	1 st to 30th July		Year 2019		1 st August 2018 to 31 th July 2019	
<i>National Demand</i>	34.622	42,2%	230.164	13,3%	376.329	7,7%
- Conventional demand	19.608	2,8%	171.998	0,1%	287.642	0,1%
- NG for Power Generation	15.014	184,8%	58.166	85,9%	88.687	43,5%
<i>International Demand</i>	0	0,0%	0	0,0%	0	0,0%
- International conections exports	1.146	-79,3%	3.564	-82,2%	14.484	-53,2%
- LNG Vessel loading	0,00	0,0%	170	-96,6%	181	-96,4%
TOTAL	35.768	19,7%	233.897	2,5%	390.994	1,5%

National demand
July- 2019

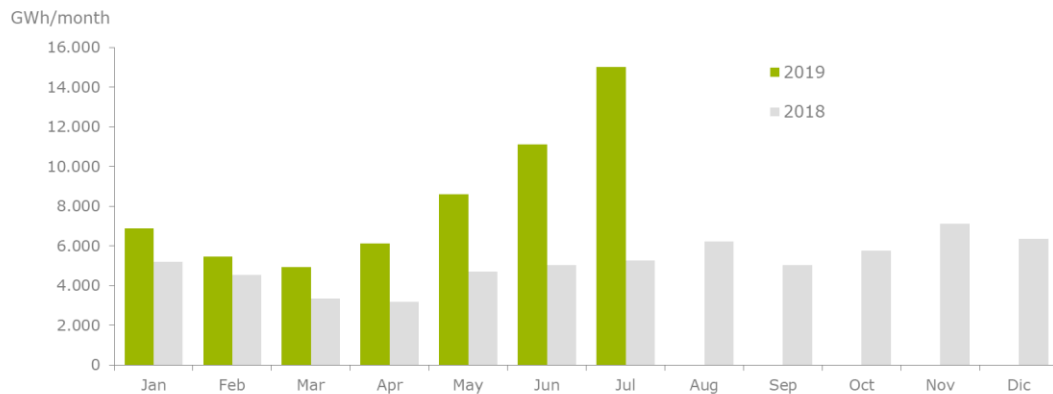


Natural Gas demand follow-up



**Conventional demand
2018 - 2019**

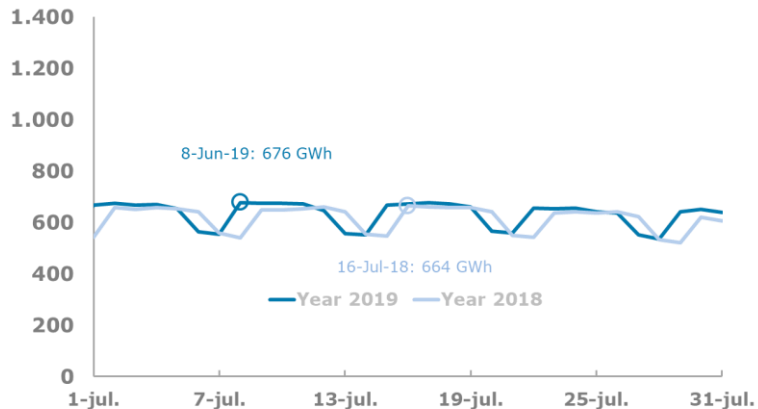
**NG for Power Generation
2018 - 2019**



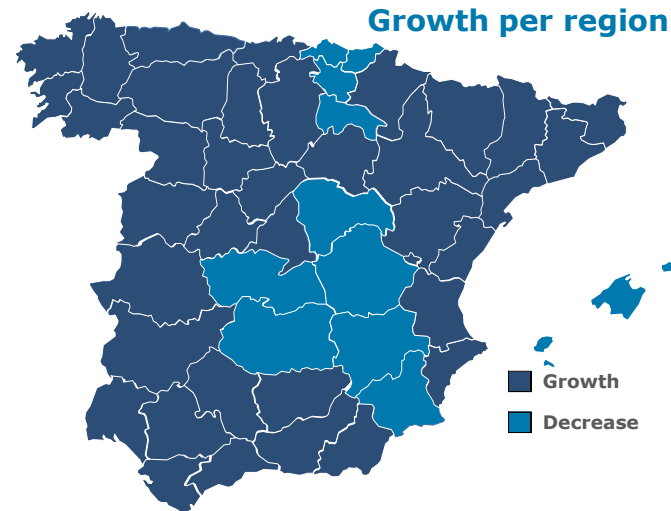
Conventional demand

Comparison 2018-2019

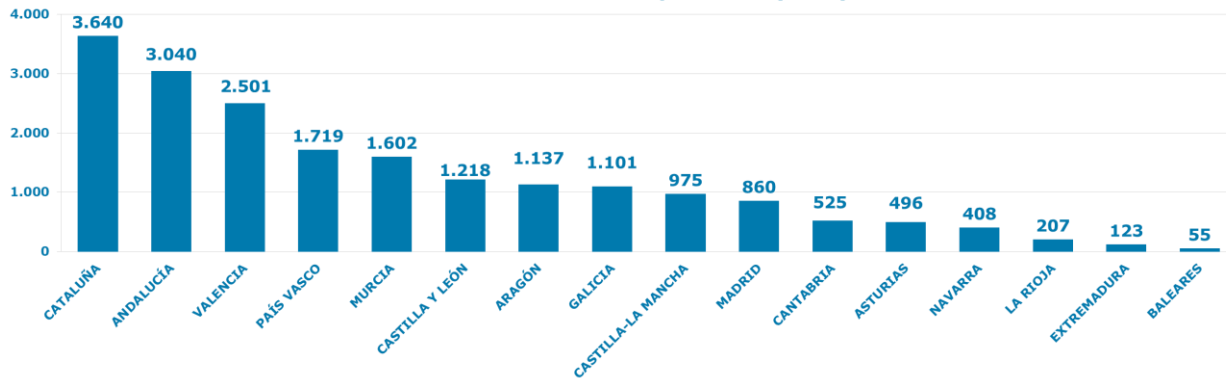
Unit: GWh



Increase 2,8% vs. 2018



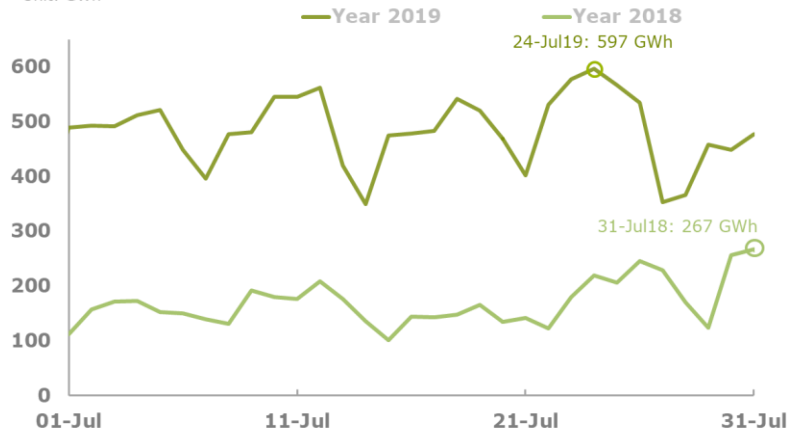
Conventional demand per CCAA (GWh)



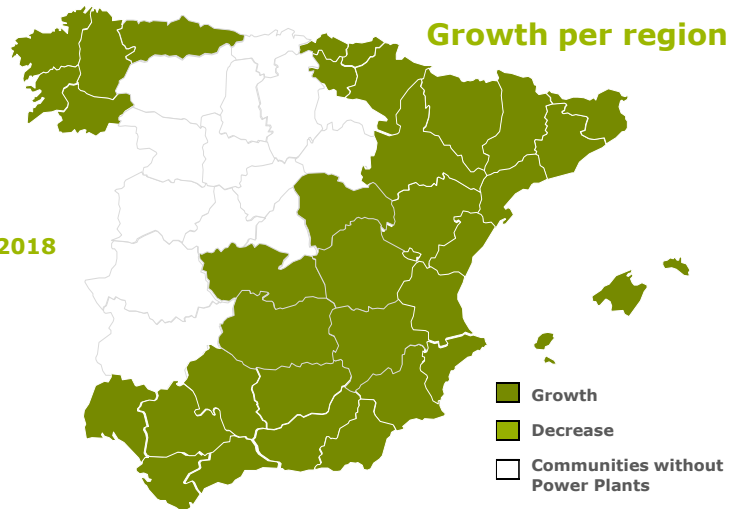
Natural gas for power generation

Comparison 2018-2019

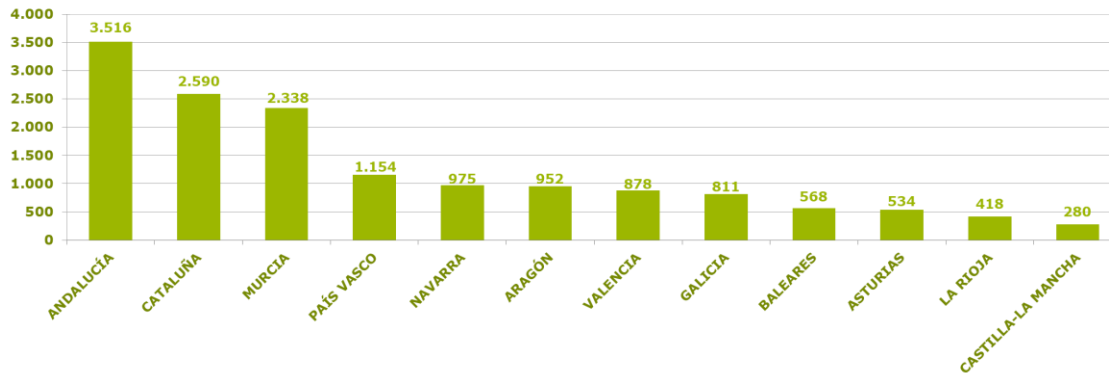
Unit: GWh



Increase 184,8% vs. 2018



NG for Power Generation (GWh)

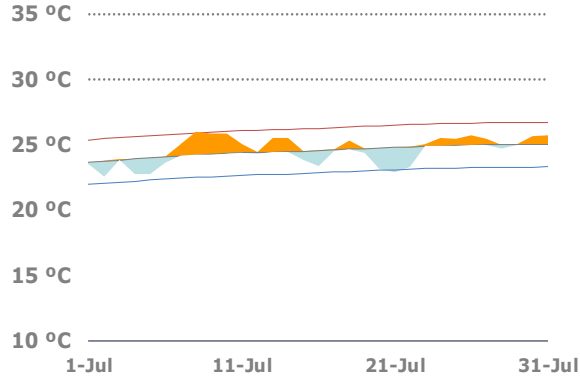


CTCC + CT

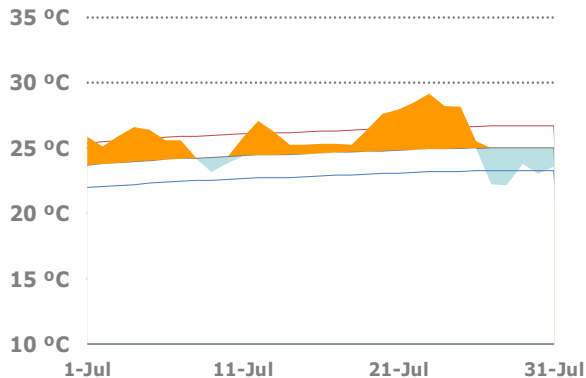


Demand - Temperatures

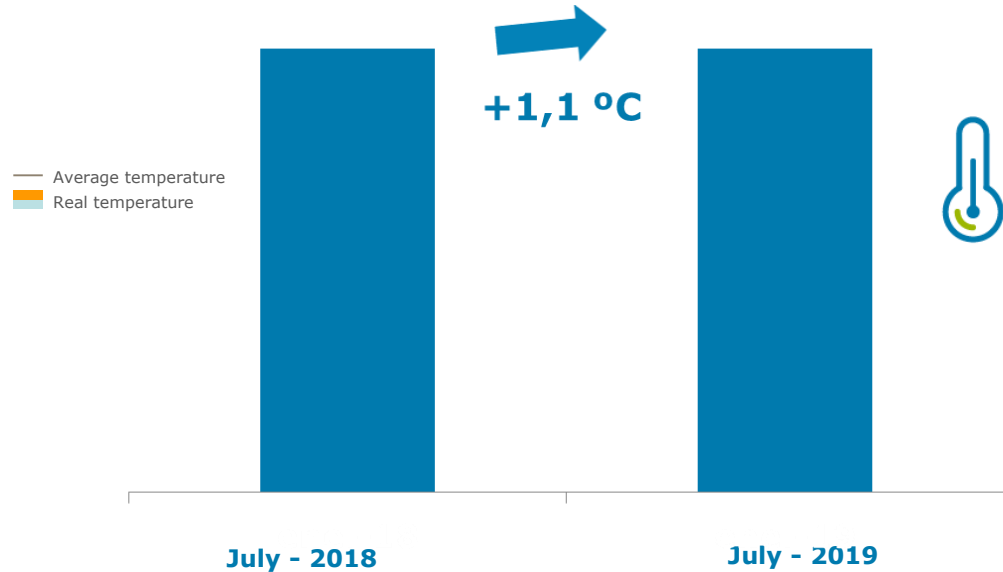
Temperatures 2018



Temperatures 2019

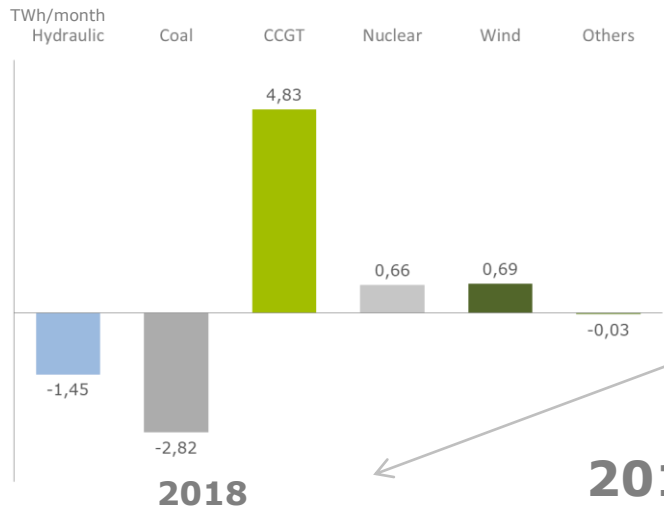


- Temperatures have been highest during July 2019 in comparison with July 2018.
- The average temperature has been **1.1°C** highest than the average of July 2018

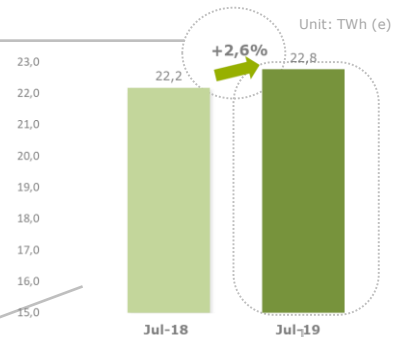


Gas for power generation

GROWTH JUL-19 VS. JUL-18

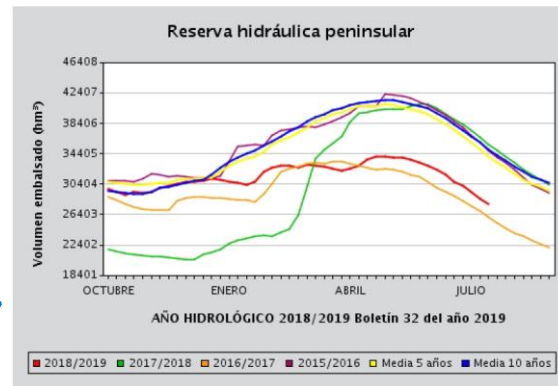


TRANSMISSION DEMAND JUL-19 VS. JUL-18

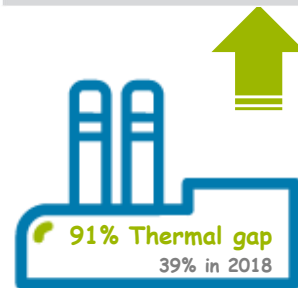
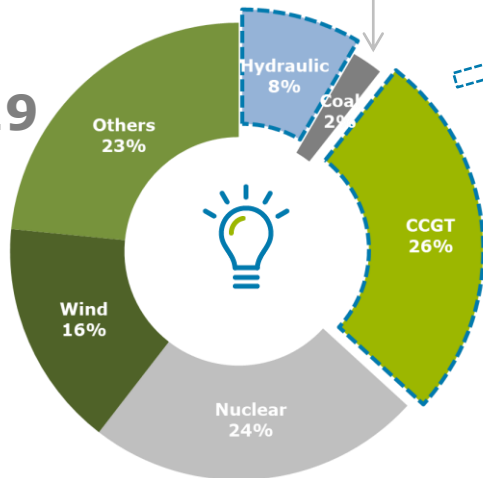
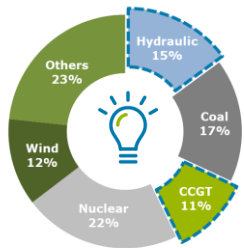


CAPACITY

TOTAL : 56.118 hm³ = 23.281 GWh
ACTUAL : 27.722 hm³ = 10.118 GWh



2019



Gas for power generation

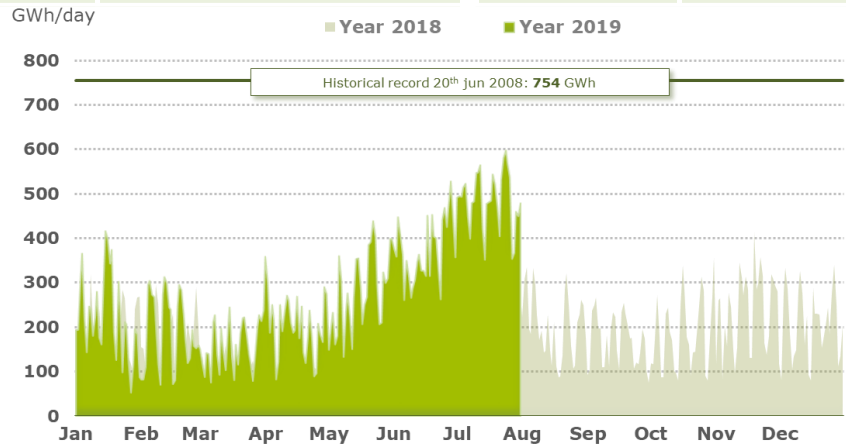


Monthly record

Mobile Anual Total Record

Unit: GWh

	Jul-18	Jul-19	Δ s/jul-18	Year 2019	MAT Aug-2018/Jul-2019	Δ over/Year 2018
NG for Power Generation	5.272	15.014	+184,8%	58.166	88.687	+43,5%
- Thermal Power Plants	15	8	-44%	72	169	-24,2%
- CCGT's	5.257	15.006	+185%	58.094	88.518	+43,7%
Maximum daily consumption	267	597	+123%	597	597	-
	31-Jul-18	24-Jul-19		24-Jul-19	24-Jul-19	
Minimum daily consumption	101	350	+245%	51	51	-
	15-Jul-18	14-Jul-19		27-Jan-19	27-Jan-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 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

Origin of supplies

		Monthly record		Annual Total record		Mobile Annual Total record	
Unit: GWh		Jul-18	Jul-19	Year 2019	% 2019	MAT Aug-18/Jul-19	% MAT
Algeria	NG	13.502	8.451	68.594	} 32,7%	137.572	} 37,6%
	LNG	979	-	7.461		12.425	
Nigeria	LNG	2.907	4.202	29.151	12,5%	49.008	12,3%
Qatar	LNG	2.699	9.644	29.032	12,5%	45.393	11,4%
T&T	LNG	1.699	4.346	21.494	9,2%	32.538	8,1%
Peru	LNG	4.058	-	-	0,0%	10.161	2,5%
France	NG	2.205	3.818	33.307	} 14,3%	53.669	} 13,4%
	LNG	-	-	-		-	
Angola	LNG	-	-	2.033	0,9%	2.033	0,5%
United States	LNG	-	2.064	19.351	8,3%	22.371	5,6%
Norway	LNG	-	926	4.650	2,0%	8.384	2,1%
Bélgica	LNG	-	-	-	0,0%	896	0,2%
National gas field	NG	111	99	946	0,4%	1.529	0,4%
National biogas	NG	8	8	60	0,0%	99	0,0%
Portugal	NG	19	-	1.655	0,7%	1.715	0,4%
Dominican Republic	LNG	-	-	-	0,0%	338	0,1%
Russia	LNG	1.109	6.378	14.042	6,0%	19.449	4,9%
Cameroon	LNG	-	-	966	0,4%	1.829	0,5%
TOTAL		29.296	39.936	232.743	100%	399.411	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.

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

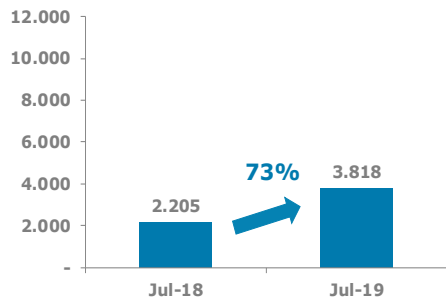
6. Operating notes

Interconnection points

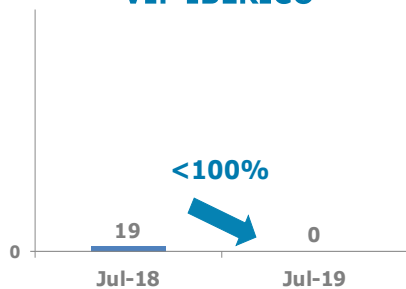
Imports

Unit: GWh

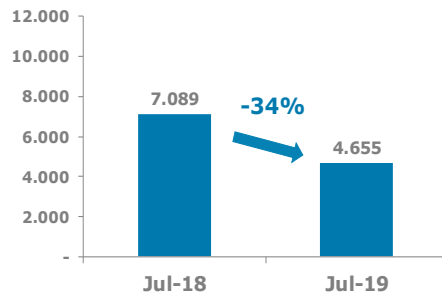
VIP PIRINEOS



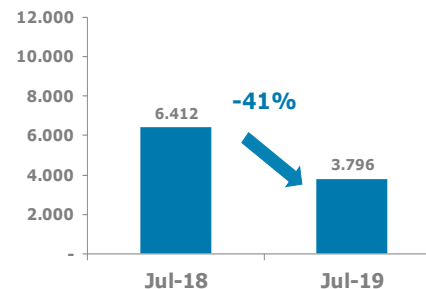
VIP IBÉRICO



ALMERÍA



TARIFA



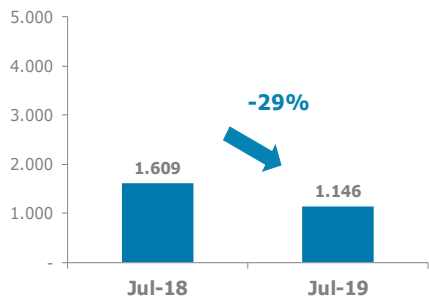
Interconnection points

Exports

Unit: GWh



VIP IBÉRICO



VIP PIRINEOS



Interconnection points

Balance

Monthly Record

Monthly Mobile Annual Record

Unit: GWh	Jul-18	Jul-19	Δ over/Jul-18	Year 2019	MAT Aug-18/Jul-19	Δ s/2018
Tarifa GME	6.412	3.796	-41%	29.714	63.058	-40%
Almería MEDGAZ	7.089	4.655	-34%	38.880	74.514	-6%
VIP PIRINEOS	1.039	3.818	>100%	32.987	49.997	58%
VIP IBÉRICO	-1.589	-1.146	-28%	-1.588	-9.098	-59%
National gas field	111	99	-11%	946	1.529	58%
National biogas	8	8	0%	60	99	6%
TOTAL	13.070	11.230	-14%	100.999	180.100	-7,4%



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

Production at regasification plants

Activity by LNG plant

5. Underground storage

6. Operating notes

Activity at Barcelona plant

Contract information (Average value)		Jul-18	Jul-19
Send-out	GWh/day	171	182
LNG Trucks	GWh/day	9	15
% average contract vs. nominal		32%	35%
% average contract use		76%	92%

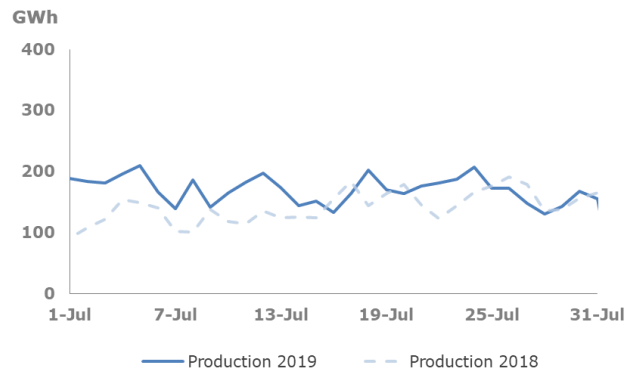
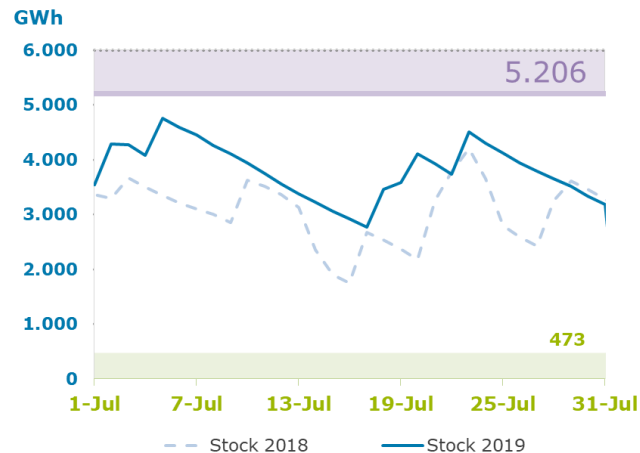
2018

8 LNG Unloaded
(7.393 GWh)
2 LNG Loaded
(2104,750398 GWh)



2019

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



Physical production		Jul-18	Jul-19	
Nominal	Send-out	GWh/day	544	544
	LNG Trucks	GWh/day	15	15
	Total	GWh/day	559	559
Monthly production	GWh	4.408	5.286	

Activity at Huelva plant



Contract information (Average value)		Jul-18	Jul-19
Send-out	GWh/day	157	157
LNG Trucks	GWh/day	7	10
% average contract vs. nominal		42%	43%
% average contract use		71%	87%

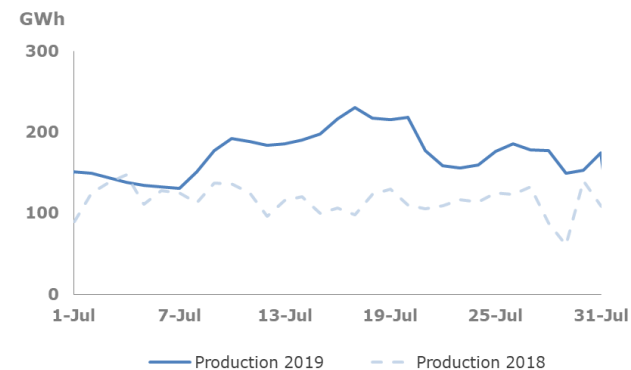
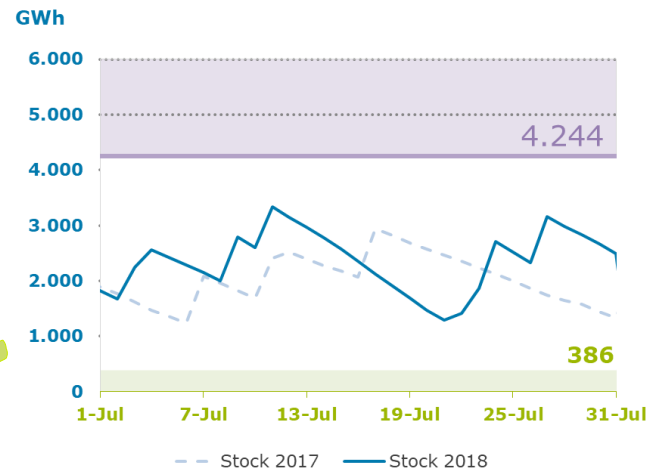
2018

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



2019

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



Physical production			Jul-18	Jul-19
Nominal	Send-out	GWh/day	377	377
	LNG Trucks	GWh/day	15	15
	Total	GWh/day	392	392
Monthly production		GWh	3.610	5.398

Activity at Cartagena plant



Contract information (Average value)		Jul-18	Jul-19
Send-out	GWh/day	10	83
LNG Trucks	GWh/day	6	10
% average contract vs. nominal		4%	24%
% average contract use		89%	73%

2018

0 LNG Unloaded
(0 GWh)



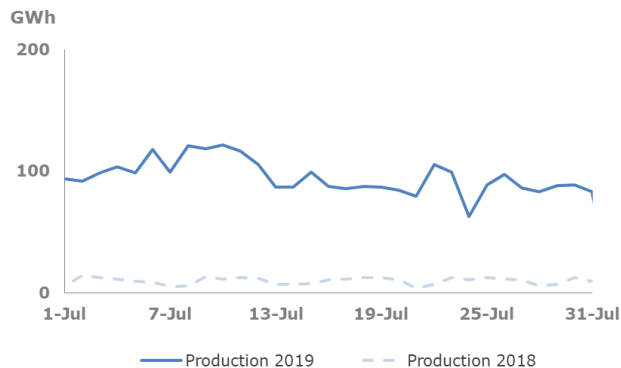
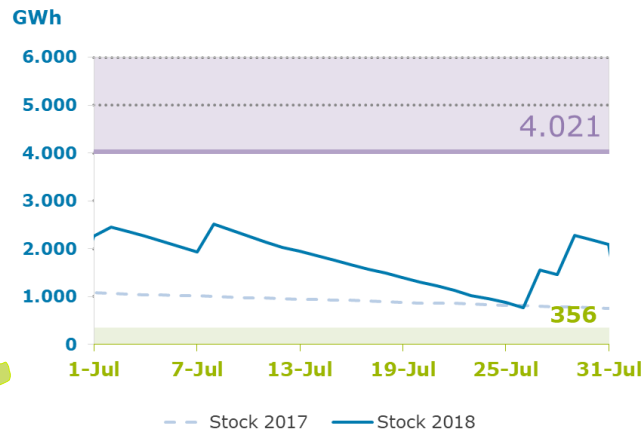
0 LNG Loaded
(0 GWh)

2019

4 LNG Unloaded
(3.786 GWh)



0 LNG Loaded
(0 GWh)



Physical production			Jul-18	Jul-19
Nominal	Send-out	GWh/day	377	377
	LNG Trucks	GWh/day	15	15
	Total	GWh/day	392	392
Monthly production	GWh		311	2.954

Activity at Bilbao plant



Contract information (Average value)		Jul-18	Jul-19
Send-out	GWh/day	96	226
LNG Trucks	GWh/day	2	4
% average contract vs. nominal		43%	92%
% average contract use		86%	≈100%

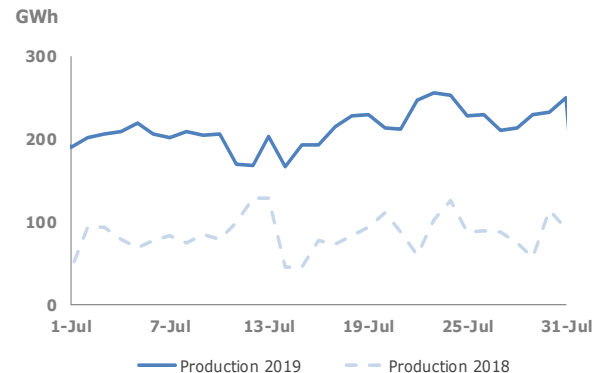
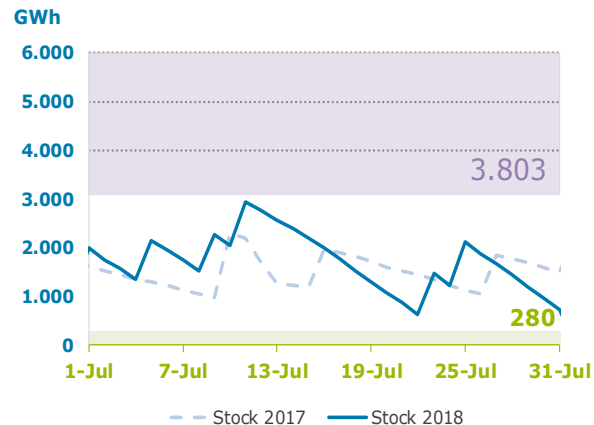
2018

3 LNG Unloaded
(3.078 GWh)
1 LNG Loaded
(648 GWh)



2019

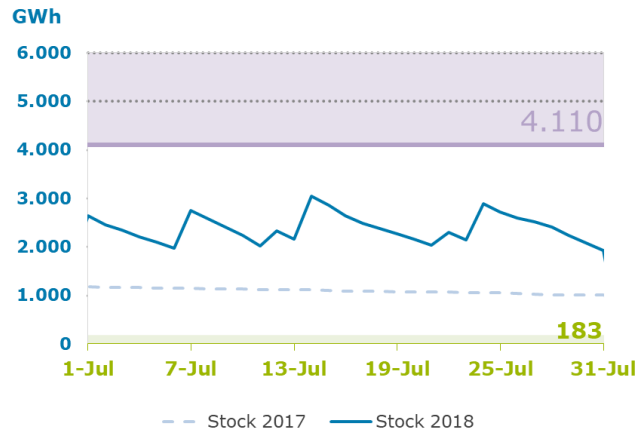
6 LNG Unloaded
(6.169 GWh)
0 LNG Loaded
(0 GWh)



Physical production			Jul-18	Jul-19
Nominal	Send-out	GWh/day	223	244
	LNG Trucks	GWh/day	5	5
	Total	GWh/day	228	249
Monthly production		GWh	2.643	6.601

Activity at Sagunto plant

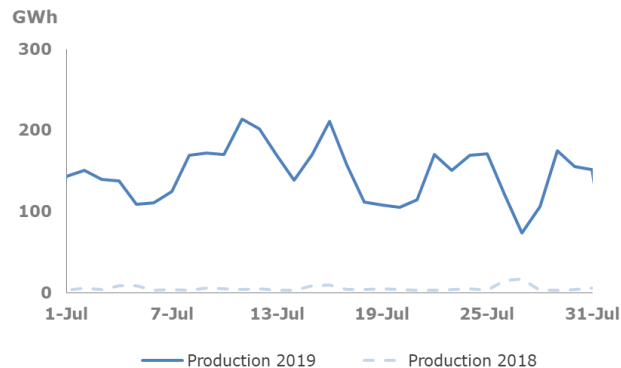
Contract information (Average value)		Jul-18	Jul-19
Send-out	GWh/day	2	127
LNG Trucks	GWh/day	3	4
% average contract vs. nominal		2%	45%
% average contract use		71%	33%



<u>2018</u>	<u>2019</u>
0 LNG Unloaded (0 GWh)	6 LNG Unloaded (4.668 GWh)
0 LNG Loaded (0 GWh)	0 LNG Loaded (0 GWh)



Physical production		Jul-18	Jul-19	
Nominal	Send-out	GWh/day	279	279
	LNG Trucks	GWh/day	10	10
	Total	GWh/day	290	290
Monthly production	GWh	174	4.581	



Activity at Mugardos plant



Contract information (Average value)		Jul-18	Jul-19
Send-out	GWh/day	23	42
LNG Trucks	GWh/day	3	4
% average contract vs. nominal		21%	37%
% average contract use		73%	67%

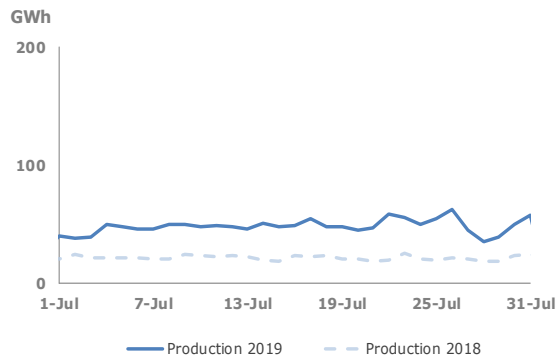
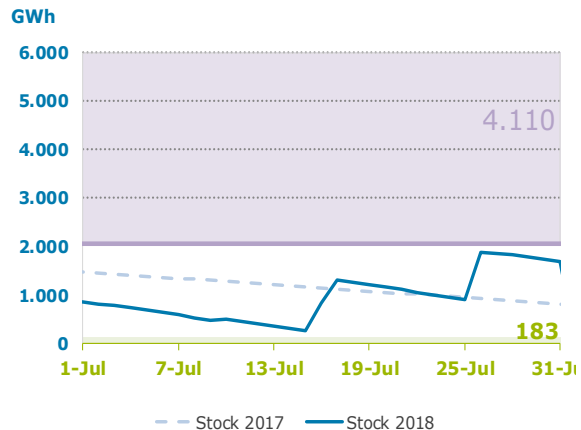
2018

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



2019

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



Physical production		Jul-18	Jul-19	
Nominal	Send-out	GWh/day	115	115
	LNG Trucks	GWh/day	10	10
	Total	GWh/day	126	126
Monthly production	GWh	658	1.486	

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

3. Interconnection Points

4. Regasification Plants

Unloads and loads of LNG vessels

Production at regasification plants

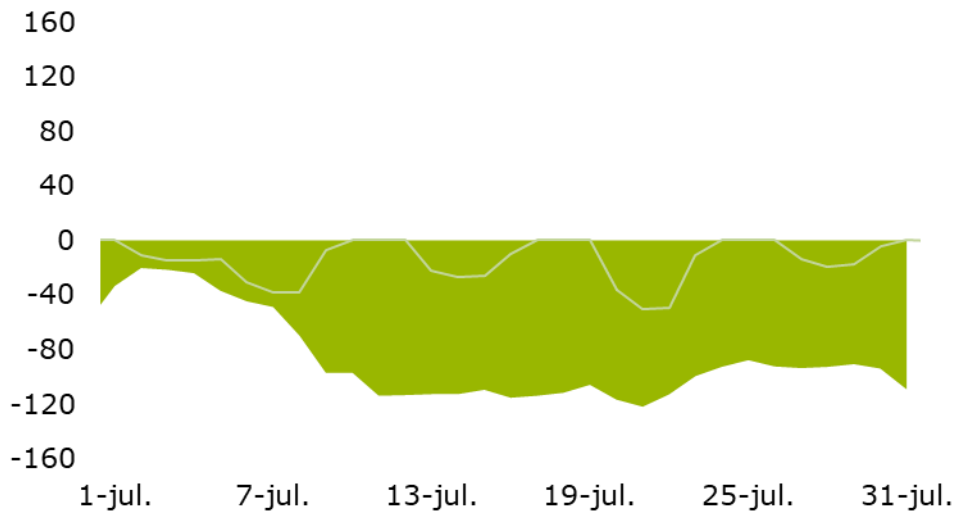
Activity by LNG plant

5. Underground storage

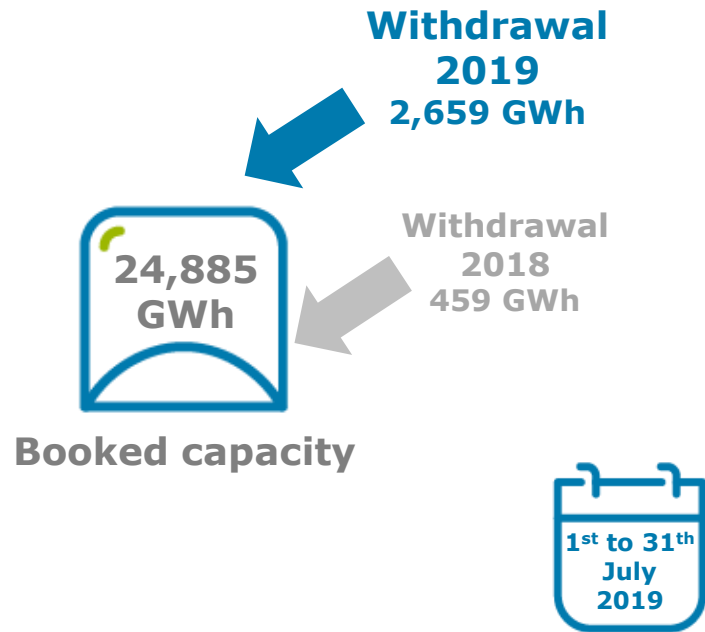
6. Operating notes

Withdrawal / injection season

GWh/day



Injection Injec. previous year



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

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

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



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

