



**ADVANCE**



# Statistical bulletin

## September 2020

Technical Management of the System

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# Content

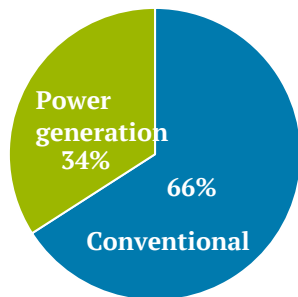
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- 1. Evolution of gas demand**
  - 1. Conventional demand**
  - 2. Power generation**
  - 3. CCAA**
2. Demand coverage
  1. Origin of supplies
  2. Interconnection Points
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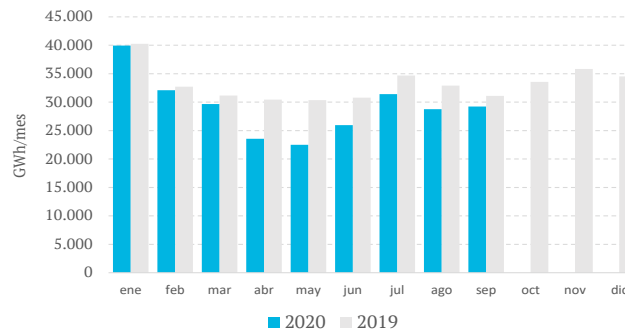
# 1. Evolution of gas demand

GWh	Monthly accumulated		Annual accumulated		Moving Annual Total	
	Sep-2020	%Δ s/Sep 2019	Jan-Sep 2020	%Δ s/2019	MAT: Oct 2019-Sep 2020	%Δ MAT vs 2019
<b>National Market demand</b>	<b>29.223</b>	<b>-6,0%</b>	<b>263.029</b>	<b>-10,6%</b>	<b>366.941</b>	<b>-7,9%</b>
Conventional	19.264	-1,5%	194.078	-7,4%	271.407	-5,4%
Power generation	9.960	-13,6%	68.951	-18,6%	95.534	-14,2%
<b>International Market demand</b>	<b>829</b>	<b>-15,4%</b>	<b>8.260</b>	<b>35,4%</b>	<b>14.373</b>	<b>17,7%</b>
International connections exports	805	-12,0%	7.553	29,7%	13.480	14,7%
LNG Vessel loading	24	>100%	707	152,8%	893	91,6%
<b>TOTAL</b>	<b>30.052</b>	<b>-6,3%</b>	<b>271.289</b>	<b>-9,7%</b>	<b>381.314</b>	<b>-7,1%</b>

National market demand September 2020

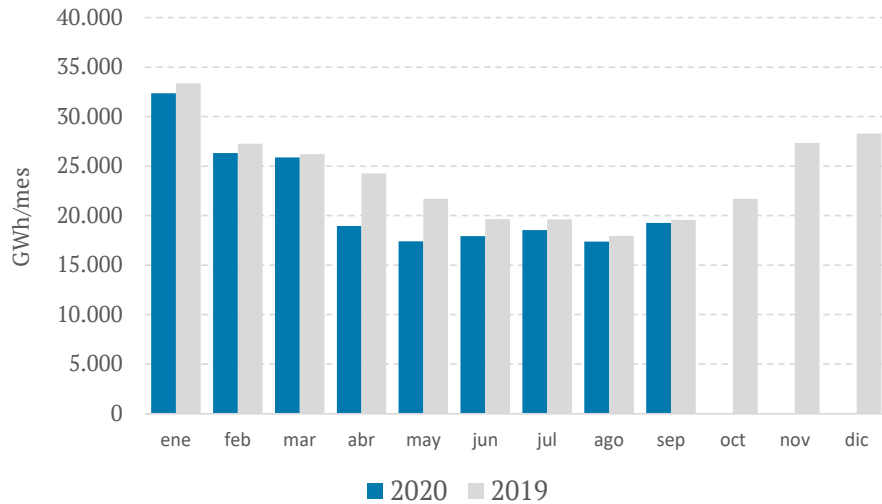


Total Demand

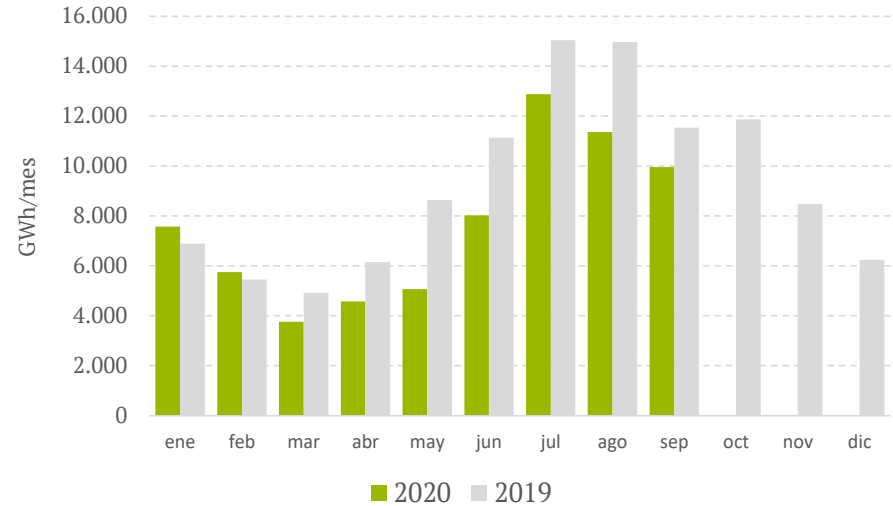


# 1. Evolution of gas demand

## Conventional Demand



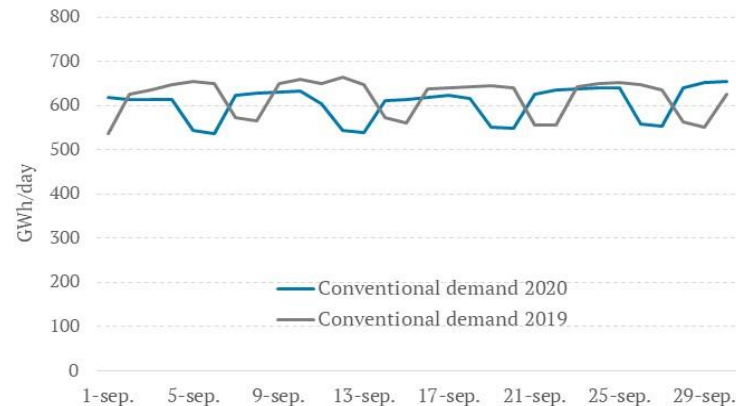
## Power Generation



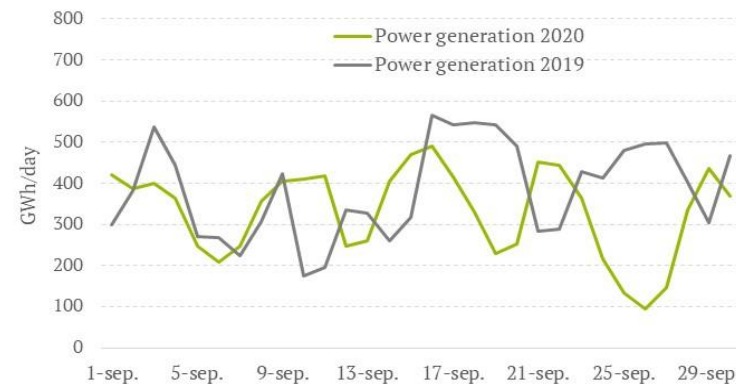
# 1. Evolution of CCAA gas demand

GWh	CONVENTIONAL DEMAND (without LNG trucks)		POWER GENERATION	
	Sep-2020	%Δ s/Sep 2019	Sep-2020	%Δ s/Sep 2019
CATALUÑA	3.202	-5,9%	1.270	-18,5%
ANDALUCIA	2.506	-5,2%	1.761	-40,2%
VALENCIA	2.353	1,7%	871	15,9%
PAIS_VASCO	1.667	4,1%	532	-53,7%
MURCIA	1.435	21,5%	1.601	-16,3%
CASTILLA_LEON	1.225	0,3%	0	
ARAGON	1.110	4,2%	856	48,1%
GALICIA	941	-5,9%	456	-45,9%
CASTILLA_MANCHA	933	-7,4%	601	120,9%
MADRID	911	-4,2%	0	
ASTURIAS	504	-6,7%	660	3,2%
NAVARRA	403	-1,3%	691	63,5%
CANTABRIA	356	-34,0%	0	
LA RIOJA	262	0,3%	274	32,3%
EXTREMADURA	330	-19,0%	0	
BALEARES	39	-33,2%	386	51,7%

Conventional demand daily evolution



Power generation daily evolution





# 1.1 Conventional demand

## Demand

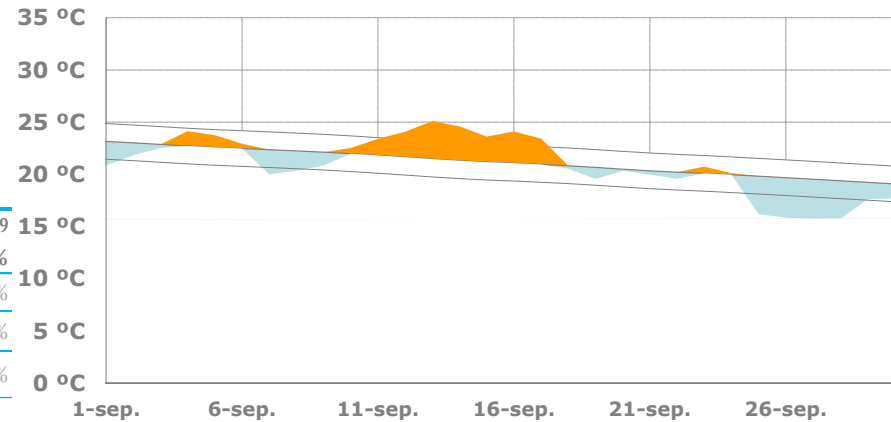

  
**Conventional market**  
**-1,5%** 
  
 Less than the previous year

## Temperatures


  
**-0,2°C** 
  
 Colder than the previous year

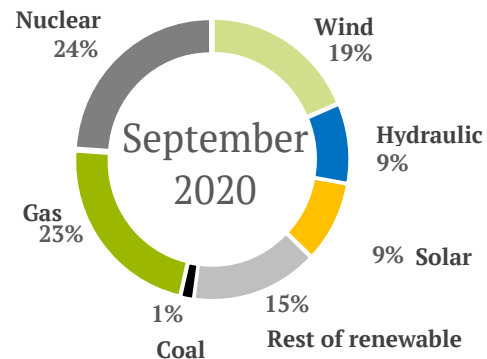
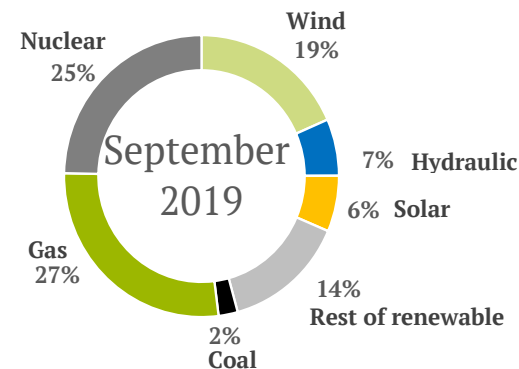
### Calendar and temperature correction

Demand	September 2020 (*)		January-September 2020		October 19- September 20	
	GWh	%20 s/19	GWh	%20 s/19	GWh	% TAM s/19
	19.264	-1,5%	194.078	-7,4%	271.407	-5,4%
Calendar		3,0%		0,5%		1,2%
Temperature		-0,4%		-2,0%		-1,5%
Amended demand		-4,1%		-5,9%		-5,2%



# 1.2 Power generation– electricity generation mix

TWh (e)	Sep 2019	Sep 2020
Power generation	20,0	19,5
Wind	3,7	3,8
Hydraulic	1,3	1,9
Solar	1,3	1,9
Rest of renewable	2,9	3,1
Cogeneration	2,4	2,4
Others	0,6	0,6
Thermal Gap	6,0	4,9
Coal	0,5	0,3
Gas	5,5	4,6
% gas in TG	92%	94%
Nuclear	5,0	4,9
International balances	0,1	0,6
	import	export

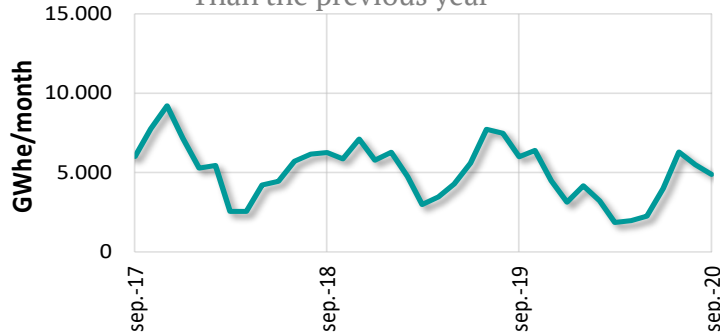


# 1.2 Power generation – Thermal Gap evolution

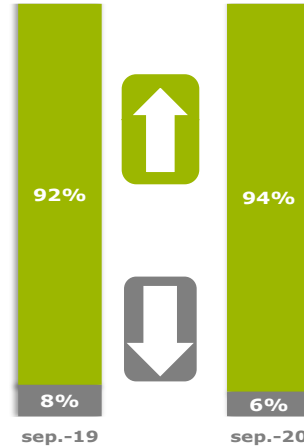
## Thermal Gap

**-18%**

Than the previous year



## %GAS/COAL



■ Generation gas mix

**-31** GWh(e)/day

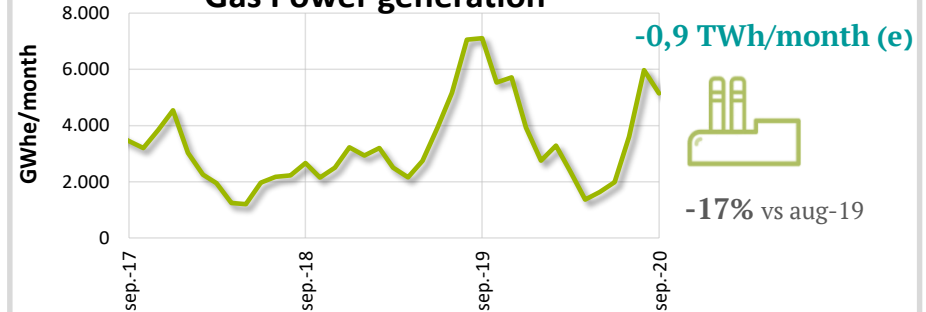
■ Generation coal mix

**-6** GWh(e)/day

## Coal



## Gas Power generation





# Content

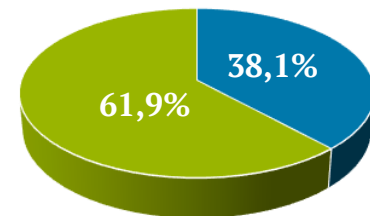
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## 2.1 Demand coverage: Origin of supplies

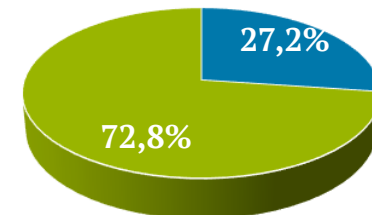
		Monthly accumulated (*)		Annual accumulated (*)		Moving Annual Total (*)	
Unit: GWh		Sep-2020	Sep-2019	Jan-Sep 2020	% s TOTAL	MAT: Oct 2019-Sep 2020	% s TOTAL
Algeria	NG	10.036	6.775	58.668	23,0%	102.218	28,4%
	LNG	0	2.011	3.585		5.293	
France	NG	2.293	4.153	26.810	10,6%	34.043	9,5%
	LNG	922	0	1.804		1.804	
Angola	LNG	0	0	4.056	1,5%	4.056	1,1%
Cameroon	LNG	956	0	956	0,4%	956	0,3%
United States	LNG	2.990	7.602	45.425	16,8%	63.775	16,9%
Equatorial Guinea	LNG	1.032	0	6.771	2,5%	7.746	2,0%
Nigeria	LNG	5.641	3.512	30.607	11,3%	40.962	10,8%
Norway	LNG	924	0	5.520	2,0%	7.376	2,0%
Peru	LNG	0	0	1.875	0,7%	6.019	1,6%
Qatar	LNG	1.757	5.061	29.613	11,0%	37.136	9,8%
Russia	LNG	5.298	6.407	28.024	10,4%	35.592	9,4%
Trinidad	LNG	594	4.913	22.550	8,3%	26.767	7,1%
Oman	LNG	0	0	0	0,0%	0	0,0%
Belgium	LNG	0	0	1.084	0,4%	1.084	0,3%
Argentina	LNG	0	0	1.691	0,6%	1.691	0,4%
Egypt	LNG	0	0	968	0,4%	968	0,3%
National deposits	NG	60	78	342	0,1%	583	0,2%
National Biogas	NG	7	6	76	0,0%	99	0,0%
<b>TOTAL</b>		<b>32.510</b>	<b>40.518</b>	<b>270.426</b>	<b>100%</b>	<b>378.168</b>	<b>100%</b>

September 2020



■ Total NG ■ Total LNG

September 2019

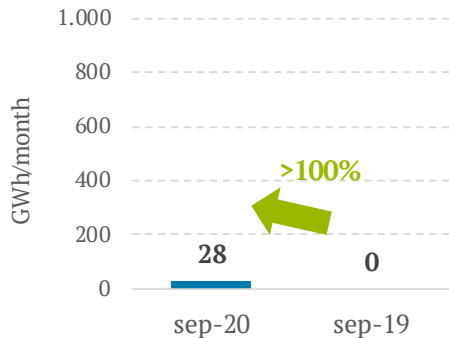


■ Total NG ■ Total LNG

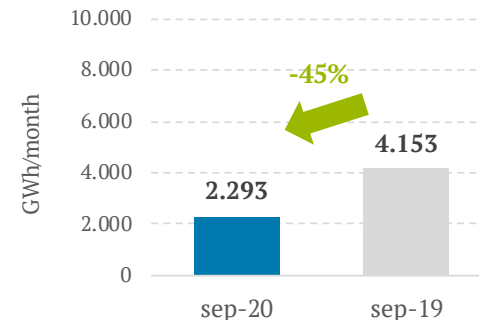
(\*) SL-ATR distribution data

## 2.2 Demand coverage : Interconnection Points

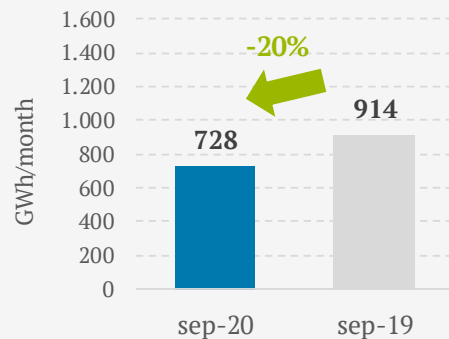
### VIP IBÉRICO (imports)



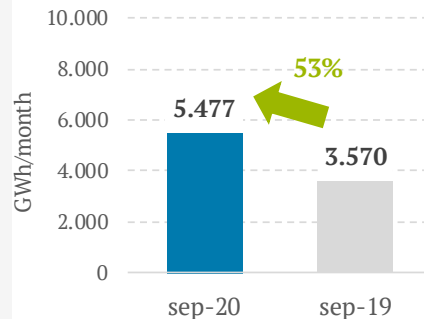
### VIP PIRINEOS (imports)



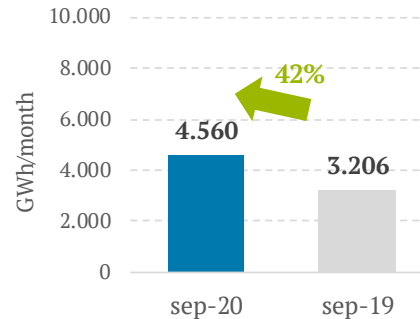
### VIP IBÉRICO (exports)



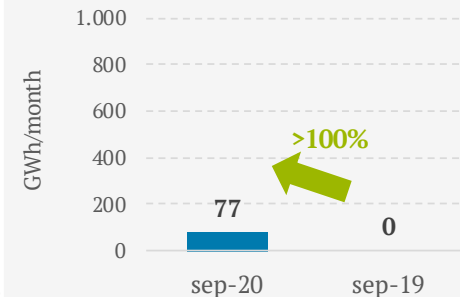
### TARIFA



### ALMERÍA



### VIP PIRINEOS (exports)



## 2.2 Demand coverage : Interconnection Points

### Net Balances (\*)

GWh	Monthly accumulated			Annual accumulated		Moving Annual Total	
	Sep-2020	Sep-2019	%Δ s/2019	Jan-Sep 2020	%Δ s/2019	MAT: Oct 2019-Sep 2020	%Δ MAT vs 2019
Tarifa	5.477	3.570	53,4%	20.213	-44,0%	41.751	-27,6%
Almería	4.560	3.206	42,2%	38.456	-17,6%	60.467	-11,9%
VIP Ibérico	-699	-914	-23,4%	-2.521	-34,3%	-4.005	-24,8%
VIP Pirineos	2.216	4.153	-46,6%	23.273	-44,1%	26.337	-41,1%
National Deposits	60	78	-22,9%	342	-69,3%	583	-57,0%
Biogas	7	6	5,2%	76	5,8%	99	4,4%
<b>Total</b>	<b>11.619</b>	<b>10.100</b>	<b>15,0%</b>	<b>79.838</b>	<b>-34,4%</b>	<b>125.233</b>	<b>-25,1%</b>

(+) Entry flows (-) Exit flows

(\*) SL-ATR distribution data

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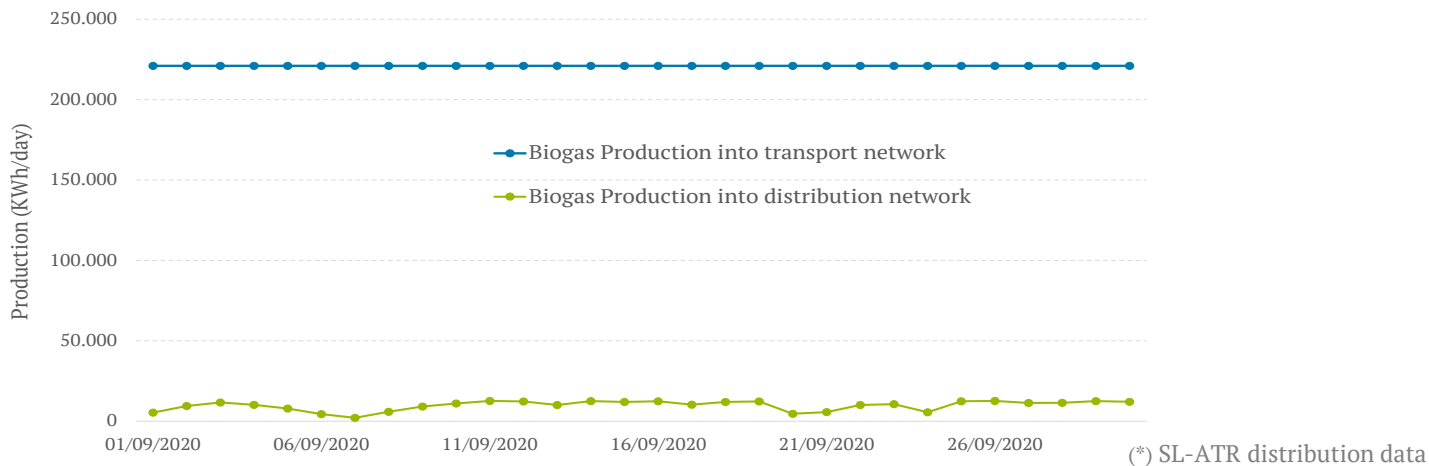
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### 3. Renewable gases

#### BIOGAS production for transport and distribution network

Unidad: GWh	Monthly Accumulated			Annual Accumulated		Moving Annual Total	
	Sep-2020	Sep-2020	%Δ s/2019	Jan-Sep 2020	%Δ s/2019	MAT: Oct 2019-Sep 2020	%Δ s/2019
BIOGÁS injected into transport network	6,6	6,3	5,2%	75,9	5,8%	99,2	4,4%
BIOGÁS injected into distribution network	0,3	0,0	>100%	2,0	>100%	2,8	253,4%
<b>Total</b>	<b>6,9</b>	<b>6,3</b>	<b>9,9%</b>	<b>78,0</b>	<b>8,6%</b>	<b>102,0</b>	<b>6,4%</b>



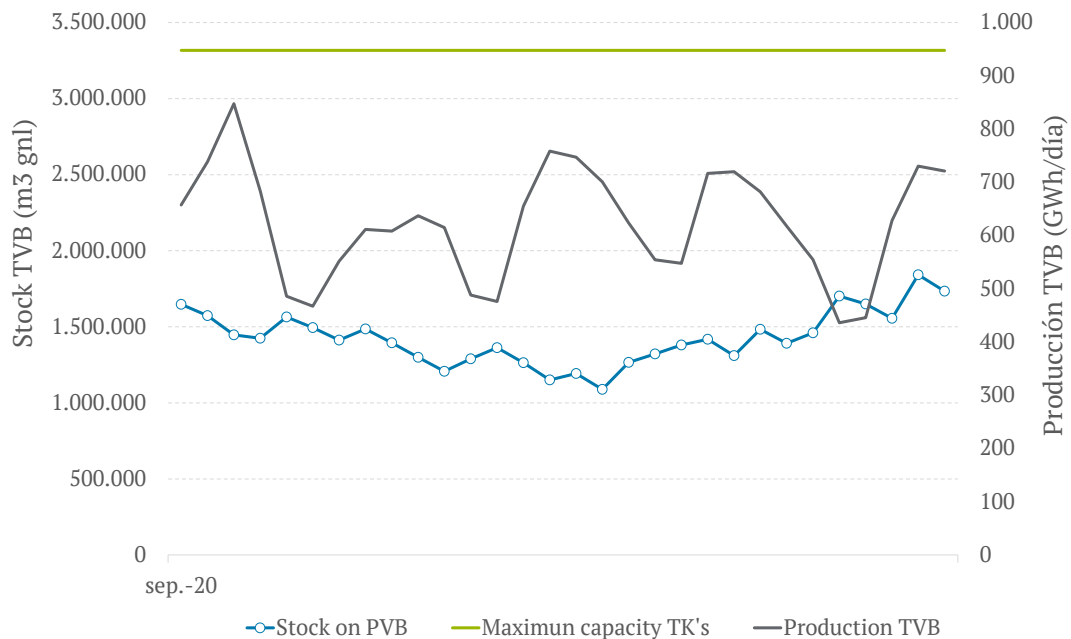
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## 4. TVB activity

### TVB Stock evolution and TVB production



<b>September 2020</b>	<b>GWh/montl</b>
Total capacity	57.450
Contracted capacity TVB	20.638
Available capacity	36.812
Commercial regasification	17.953



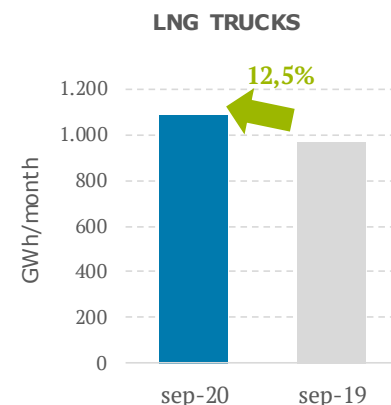
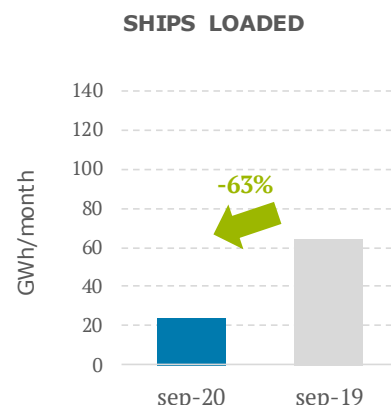
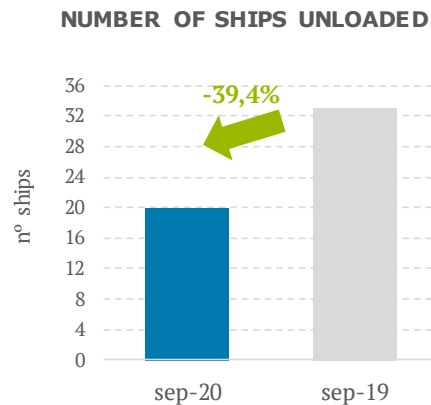
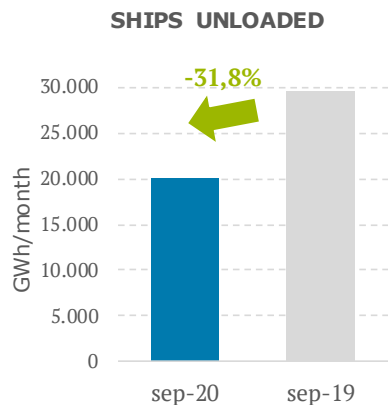
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# 5. Regasification plants activity

GWh	Ships Unloaded			Number of Ships Unloaded			Ships Loaded			LNG Trucks		
	Sep-2020	Sep-2019	%Δ s/Sep 2019	Sep-2020	Sep-2019	%Δ s/Sep 2019	Sep-2020	Sep-2019	%Δ s/Sep 2019	Sep-2020	Sep-2019	%Δ s/Sep 2019
BARCELONA	4.809	7.474	-35,7%	4	8	-50,0%	24	46	-48%	260	232	11,9%
HUELVA	3.705	6.024	-38,5%	4	7	-42,9%	0	0	-	247	227	8,9%
CARTAGENA	1.936	2.409	-19,6%	2	4	-50,0%	0	0	-	203	211	-3,4%
BILBAO	4.701	8.647	-45,6%	5	9	-44,4%	0	19	<100%	97	103	-6,0%
SAGUNTO	2.933	3.023	-3,0%	3	3	0,0%	0	0	-	179	103	73,1%
MUGARDOS	2.030	1.928	5,3%	2	2	0,0%	0	0	-	100	89	12,3%
<b>Total</b>	<b>20.114</b>	<b>29.505</b>	<b>-31,8%</b>	<b>20</b>	<b>33</b>	<b>-39,4%</b>	<b>24</b>	<b>65</b>	<b>-63%</b>	<b>1.086</b>	<b>965</b>	<b>12,5%</b>



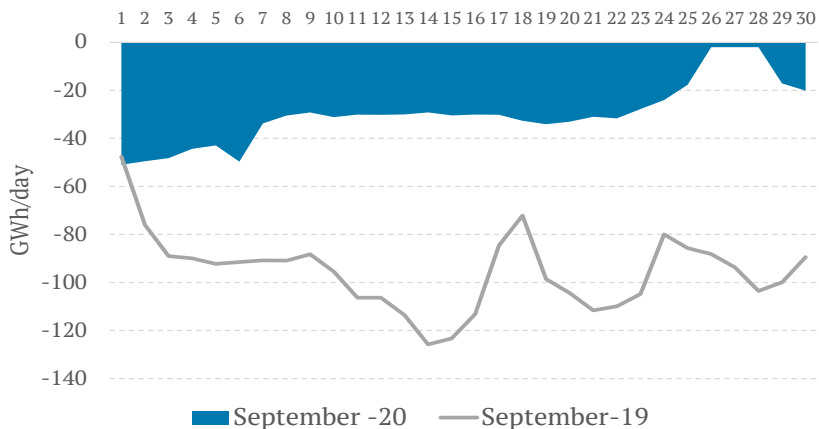
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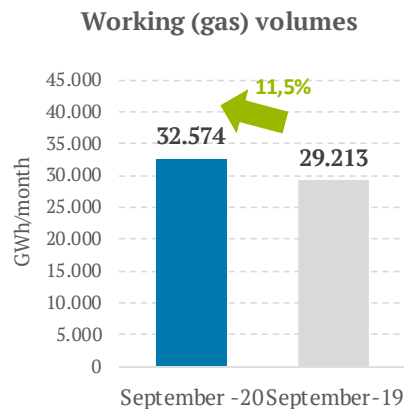
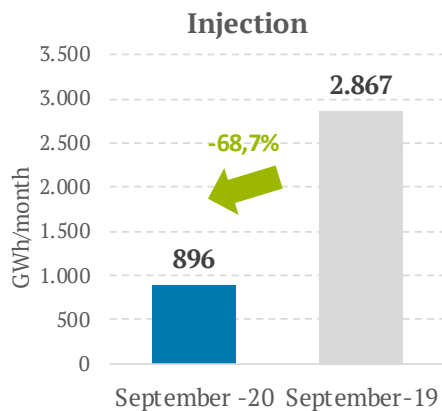
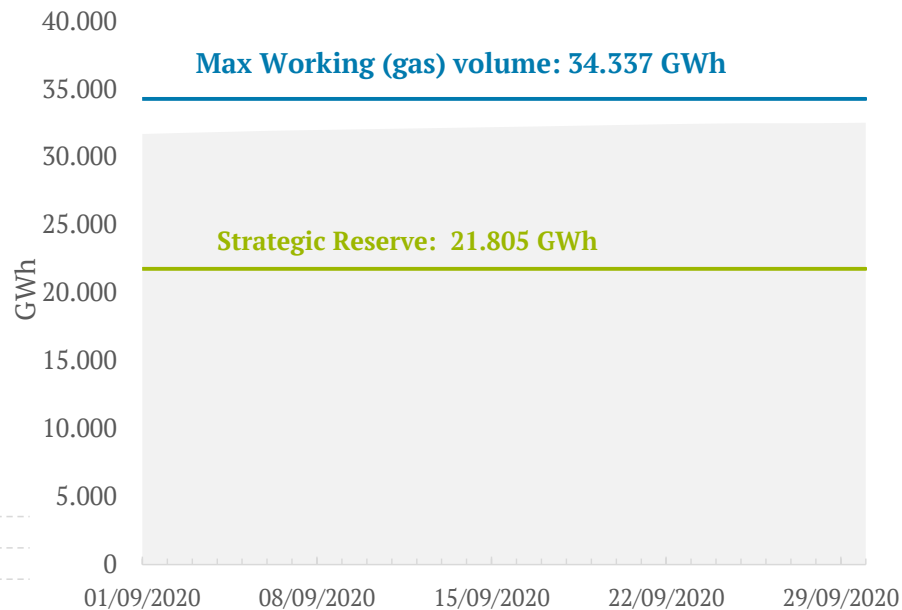
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# 6. UGS Activity

## Daily injection September 2020 vs September 2019



## Working (gas) evolution



(\*) SL-ATR distribution data

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7. **Operating notes and other relevant facts**

## 7. Operating notes and other relevant facts

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### Operating notes:

In September 2020 no Operation notes have been published

### Gas system operation and programming Operation notes

The operating notes are available on this page



### Relevant facts:

- No relevant facts have been produced this month

Thank you

