



ADVANCE



Statistical bulletin

August 2020

Technical Management of the System

GTS_DEMANDA@enagas.es

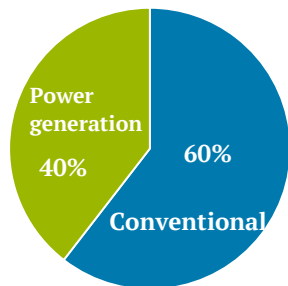
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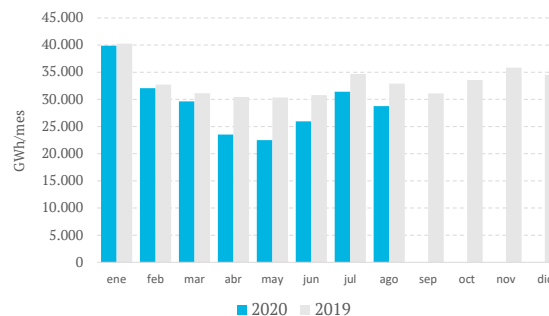
1. Evolution of gas demand

GWh	Monthly accumulated		Annual accumulated		Moving Annual Total	
	Aug-2020	%Δ s/Jul 2019	Jan-Aug 2020	%Δ s/2019	MAT: Sep 2019-Aug 2020	%Δ MAT vs 2019
National Market demand	28.757	-12,6%	233.684	-11,2%	368.695	-7,4%
Conventional	17.392	-3,1%	174.749	-8,0%	271.645	-5,3%
Power generation	11.365	-24,0%	58.935	-19,5%	97.050	-12,8%
International Market demand	754	-45,6%	7.416	45,0%	14.509	18,9%
International connections exports	632	-52,9%	6.733	37,4%	13.575	15,6%
LNG Vessel loading	122	>100%	683	217,6%	934	100,4%
TOTAL	29.511	-13,9%	241.100	-10,2%	383.204	-6,6%

National market demand August 2020

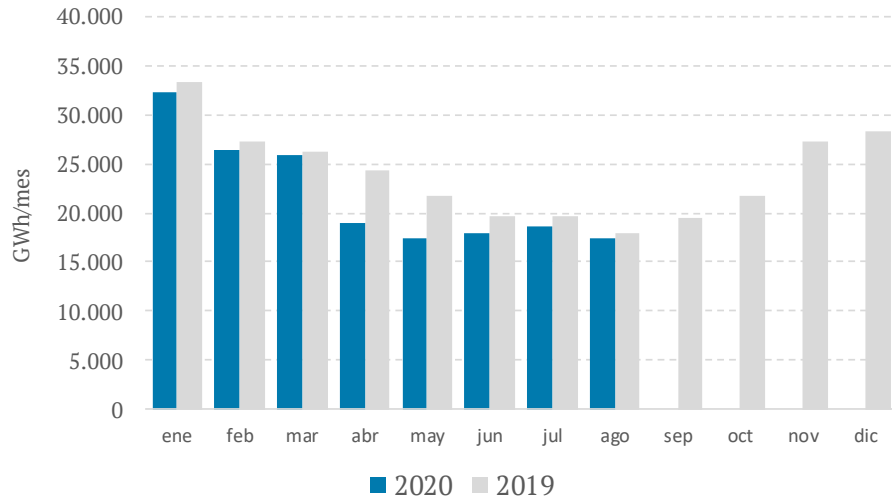


Total Demand

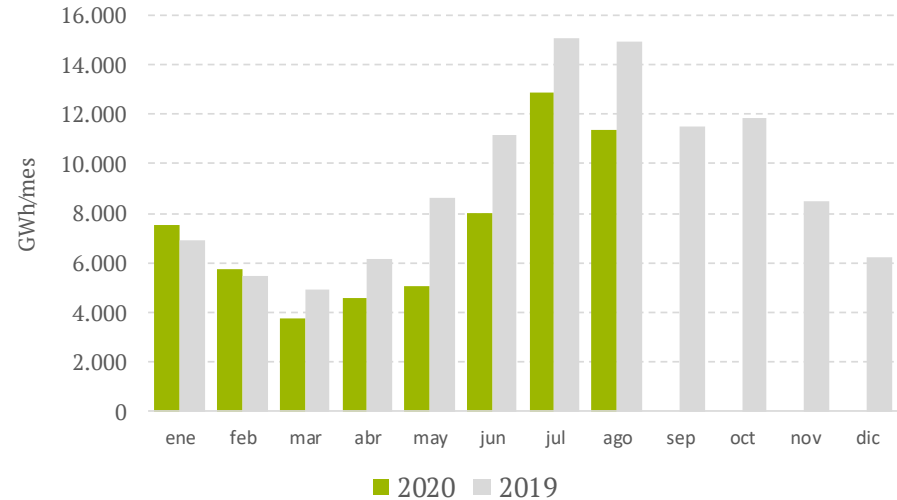


1. Evolution of gas demand

Conventional Demand



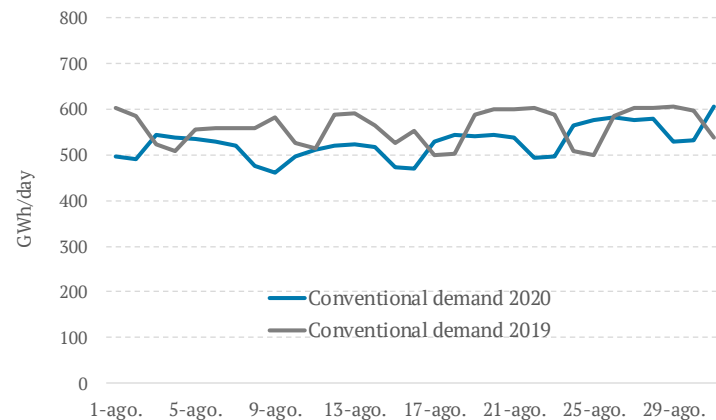
Power Generation



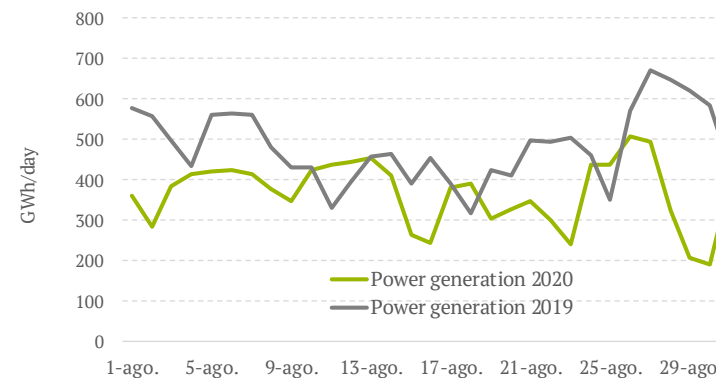
1. Evolution of CCAA gas demand

GWh	CONVENTIONAL DEMAND (without LNG trucks)		POWER GENERATION	
	Ago-2020	%Δ s/Aug 2019	Ago-2020	%Δ s/Aug 2019
CATALUÑA	2.888	-4,5%	1.366	-38,8%
ANDALUCIA	2.536	-7,1%	2.454	-29,8%
VALENCIA	1.782	12,4%	881	-3,4%
PAIS_VASCO	1.256	-8,9%	734	-48,5%
MURCIA	1.401	2,2%	1.687	-27,2%
CASTILLA_LEON	1.105	-0,5%	0	
ARAGON	1.009	-2,0%	938	-3,2%
GALICIA	980	-1,3%	444	-58,0%
CASTILLA_MANCHA	872	-11,9%	539	116,8%
MADRID	740	-2,1%	0	
ASTURIAS	400	-12,5%	733	12,0%
NAVARRA	349	-3,5%	786	-10,2%
CANTABRIA	346	-28,0%	0	
LA_RIOJA	233	0,5%	40	-87,7%
EXTREMADURA	407	-9,6%	0	
BALEARES	35	-39,4%	763	70,4%

Conventional demand daily evolution



Power generation daily evolution



1.1 Conventional demand

Demand




 Conventional market

-3,1%




 Less than the previous year

Temperatures



-0,2°C

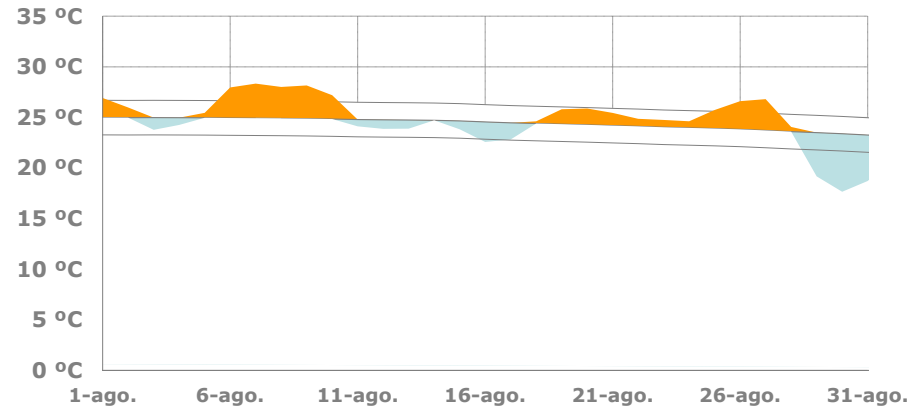


 Colder than the previous year

Calendar and temperature correction

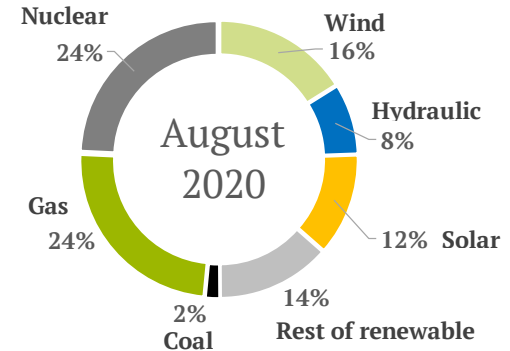
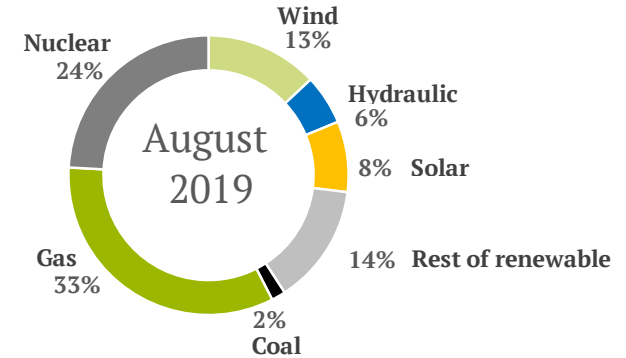
	Conventional demand		Accumulated		MAT	
	August 2020 (*)		January-August 2020		September 19- August 20	
Demand	GWh	%20 s/19	GWh	%20 s/19	GWh	% TAM s/19
	17.392	-3,1%	174.749	-8,0%	271.645	-5,3%
Calendar		0,0%		0,3%		1,2%
Temperature		-0,6%		-2,2%		-1,5%
Amended demand		-2,5%		-6,2%		-5,1%

* The sum of the correction factors is equal to % of total demand



1.2 Power generation– electricity generation mix

TWh (e)	Aug 2019	Aug 2020
Power generation	21,2	20,8
Wind	2,7	3,4
Hydraulic	1,2	1,8
Solar	1,7	2,6
Rest of renewable	2,9	2,9
Cogeneration	2,4	2,2
Others	0,6	0,6
Thermal Gap	7,4	5,5
Coal	0,3	0,3
Gas	7,0	5,1
% gas in TG	95%	94%
Nuclear	5,1	5,2
International balances	0,3	0,2
	import	export

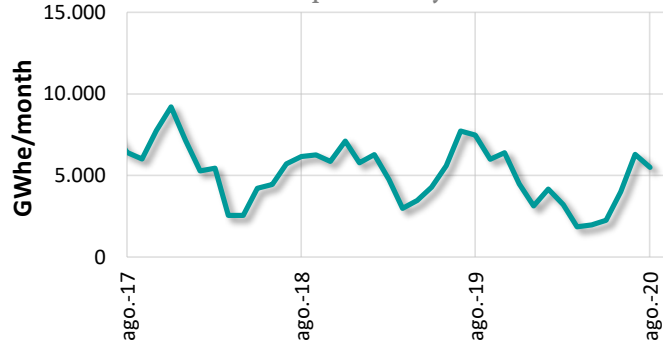


1.2 Power generation – Thermal Gap evolution

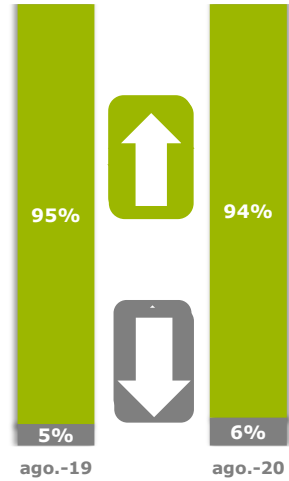
Thermal Gap

-27%

Than the previous year



%GAS/COAL



■ Generation gas mix

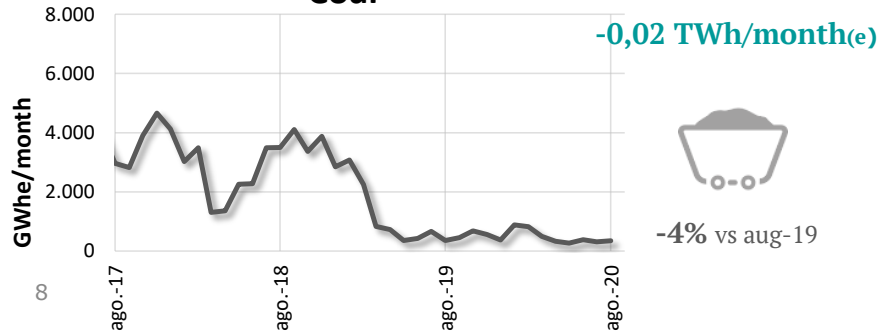
-63 GWh(e)/day

■ Generation coal mix

-1 GWh(e)/day

Coal

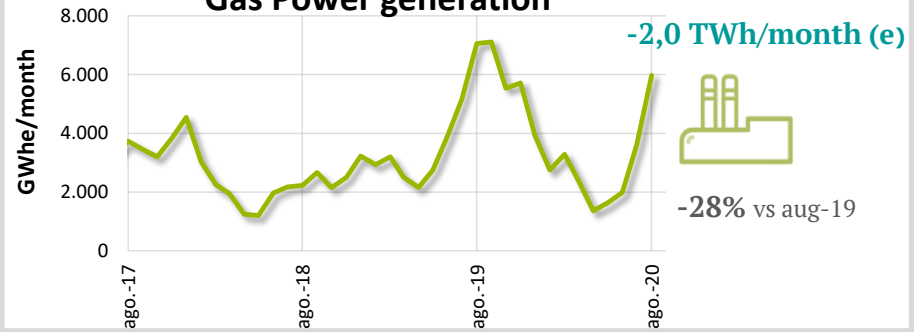
-0,02 TWh/month(e)



-4% vs aug-19

Gas Power generation

-2,0 TWh/month (e)



-28% vs aug-19

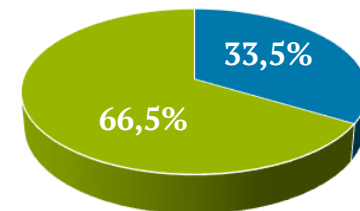
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2.1 Demand coverage: Origin of supplies

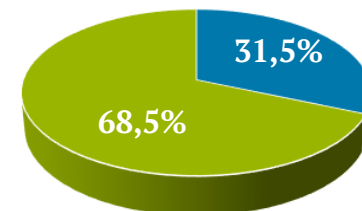
Unit: GWh		Monthly accumulated (*)		Annual accumulated (*)		Moving Annual Total (*)	
		Aug-2020	Aug-2019	Jan-Aug 2020	% s TOTAL	MAT: Sep 2019-Aug 2020	% s TOTAL
Algeria	NG	7.193	7.396	48.632	21,9%	98.958	27,5%
	LNG	1.610	995	3.585		7.304	
France	NG	4.209	4.503	24.517	10,7%	35.903	9,5%
	LNG	0	0	882		882	
Angola	LNG	1.022	1.018	4.056	1,7%	4.056	1,1%
Cameroon	LNG	0	0	0	0,0%	0	0,0%
United States	LNG	1.015	979	42.435	17,8%	68.387	17,7%
Equatorial Guinea	LNG	988	0	5.739	2,4%	6.714	1,7%
Nigeria	LNG	3.707	4.912	24.965	10,5%	38.833	10,1%
Norway	LNG	1.843	869	4.596	1,9%	6.452	1,7%
Peru	LNG	0	0	1.875	0,8%	6.019	1,6%
Qatar	LNG	6.455	7.279	27.856	11,7%	40.439	10,5%
Russia	LNG	2.067	5.386	22.726	9,6%	36.701	9,5%
Trinidad	LNG	3.934	2.577	21.957	9,2%	31.086	8,0%
Oman	LNG	0	0	0	0,0%	0	0,0%
Belgium	LNG	0	2.085	1.084	0,5%	1.084	0,3%
Argentina	LNG	0	0	1.691	0,7%	1.691	0,4%
Egypt	LNG	0	0	968	0,4%	968	0,3%
National deposits	NG	13	88	282	0,1%	600	0,2%
National Biogas	NG	7	7	69	0,0%	99	0,0%
TOTAL		34.062	38.091	237.915	100%	386.176	100%

August 2020



■ Total NG ■ Total LNG

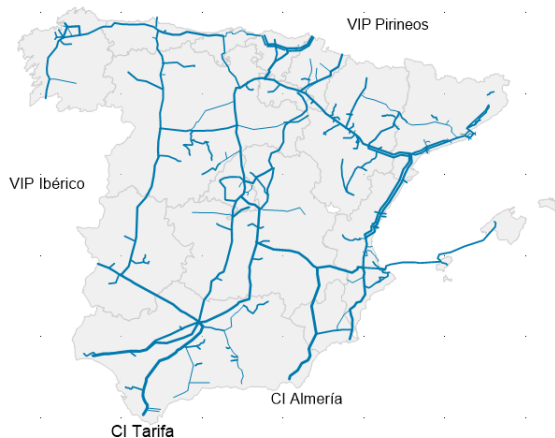
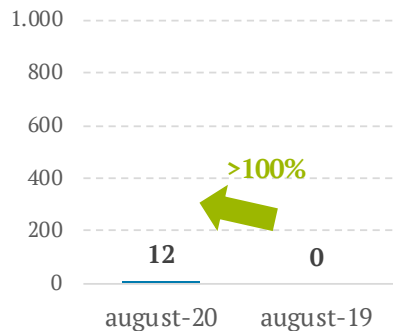
August 2019



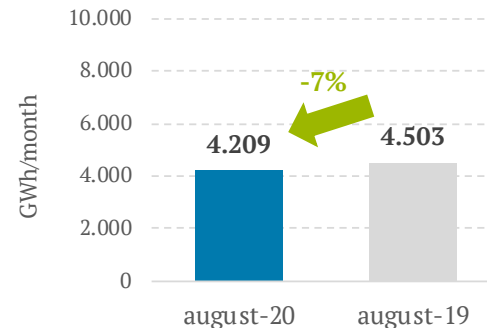
■ Total NG ■ Total LNG

2.2 Demand coverage : Interconnection Points

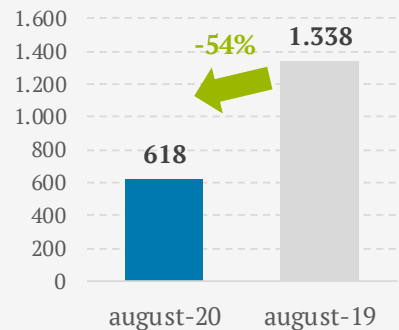
VIP IBÉRICO (imports)



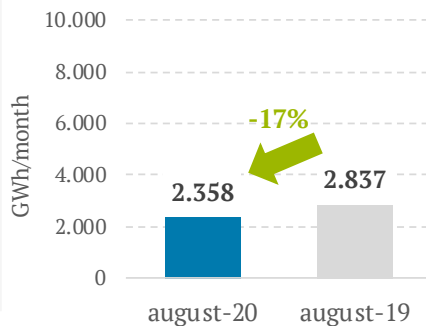
VIP PIRINEOS (imports)



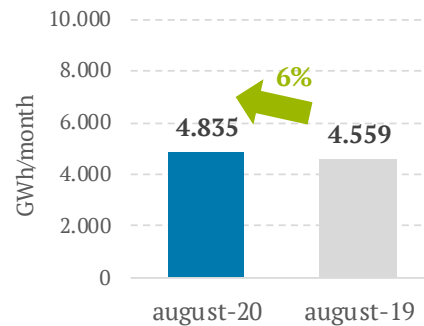
VIP IBÉRICO (exports)



TARIFA



ALMERÍA



VIP PIRINEOS (exports)



2.2 Demand coverage : Interconnection Points

Net Balances (*)

GWh	Monthly accumulated			Annual accumulated		Moving Annual Total	
	Aug-2020	Aug-2019	%Δ s/2019	Jan-Aug 2020	%Δ s/2019	MAT: Sep 2019-Aug 2020	%Δ MAT vs 2019
Tarifa	2.358	2.837	-16,9%	12.378	-62,0%	37.486	-35,0%
Almería	4.835	4.559	6,0%	29.061	-33,1%	54.278	-20,9%
VIP Ibérico	-606	-1.338	-54,7%	-1.216	-58,4%	-3.613	-32,1%
VIP Pirineos	4.195	4.503	-6,8%	16.862	-48,9%	28.583	-36,1%
National Deposits	13	88	-84,7%	268	-74,1%	587	-56,7%
Biogas	7	7	5,2%	62	-4,6%	92	-3,2%
Total	10.802	10.656	1,4%	57.416	-46,4%	117.413	-29,8%

(+) Entry flows (-) Exit flows

(*) SL-ATR distribution data

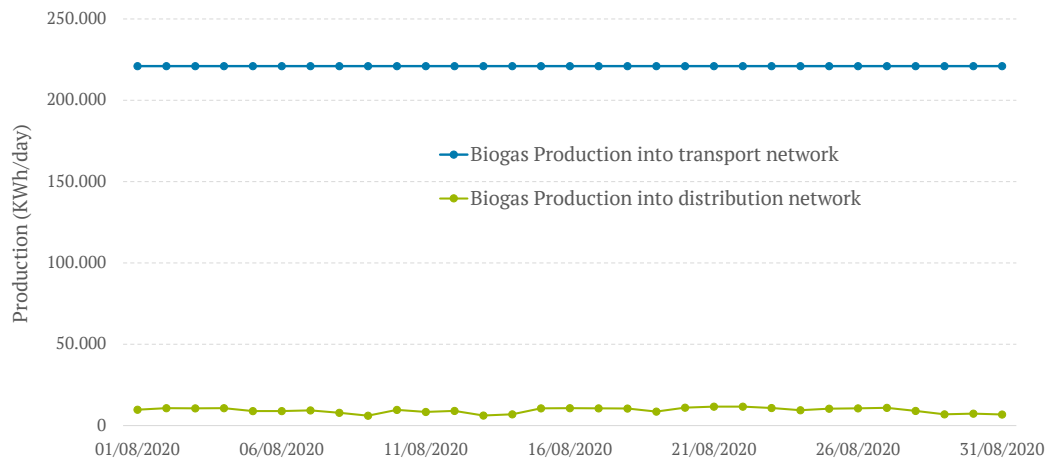
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3. Renewable gases

BIOGAS production for transport and distribution network

Unidad: GWh	Monthly Accumulated			Annual Accumulated		Moving Annual Total	
	Aug-2020	Aug-2019	%Δ s/2019	Jan-Aug 2020	%Δ s/2019	MAT: Sep 2019-Aug 2020	%Δ s/2019
BIOGÁS injected into transport network	6,9	6,5	5,2%	69,3	5,8%	98,9	4,0%
BIOGÁS injected into distribution network	0,3	0,0	>100%	1,7	>100%	2,5	216,7%
Total	7,1	6,5	9,7%	71,0	8,5%	101,4	5,8%



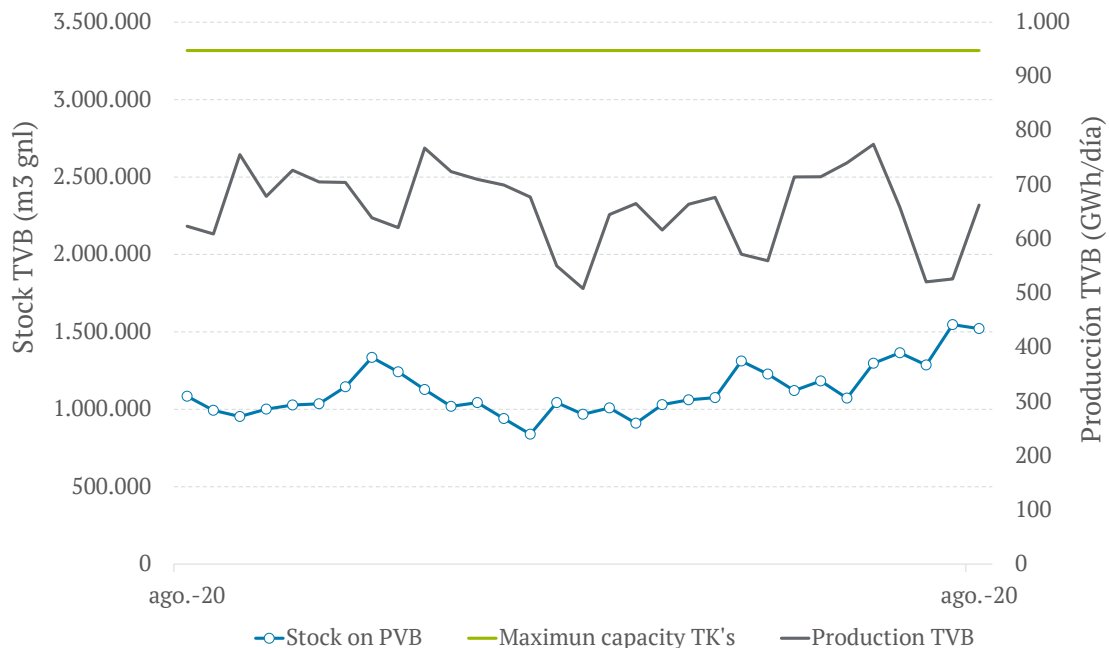
(*) SL-ATR distribution data

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4. TVB activity

TVB Stock evolution and TVB production



August 2020

GWh/month

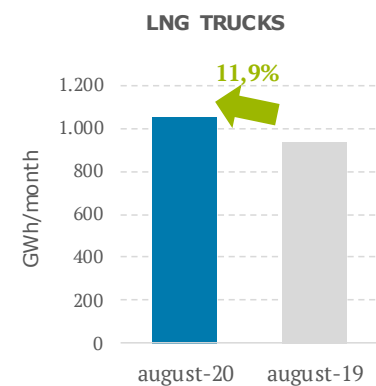
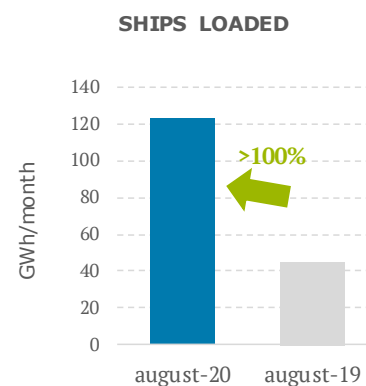
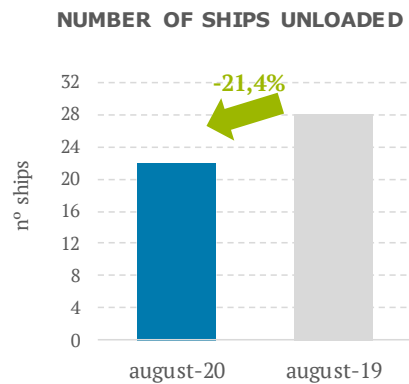
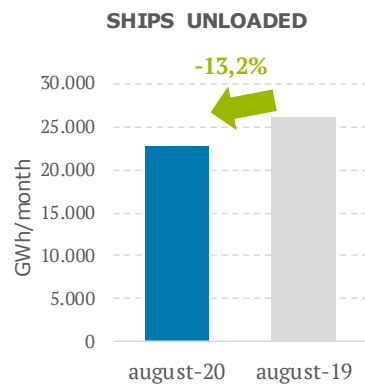
Total capacity	57.450
Contracted capacity TVB	22.323
Available capacity	35.127
Commercial regasification	19.392

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5. Regasification plants activity

GWh	Ships Unloaded			Number of Ships Unloaded			Ships Loaded			LNG Trucks		
	Aug-2020	Aug-2019	%Δ s/Aug 2019	Aug-2020	Aug-2019	%Δ s/Aug 2019	Aug-2020	Aug-2019	%Δ s/Aug 2019	Aug-2020	Aug-2019	%Δ s/Aug 2019
BARCELONA	3.701	4.647	-20,4%	3	6	-50,0%	39	0	>100%	225	191	17,9%
HUELVA	4.737	4.047	17,1%	5	4	25,0%	0	45	<100%	345	319	8,3%
CARTAGENA	3.931	2.655	48,1%	4	3	33,3%	0	0	-	169	174	-3,2%
BILBAO	5.872	6.922	-15,2%	6	9	-33,3%	0	0	-	66	73	-9,5%
SAGUNTO	2.393	6.719	-64,4%	2	5	-60,0%	0	0	-	159	98	61,5%
MUGARDOS	2.006	1.108	81,1%	2	1	100,0%	83	0	>100%	88	84	4,0%
Total	22.640	26.097	-13,2%	22	28	-21,4%	122	45	>100%	1.052	940	11,9%

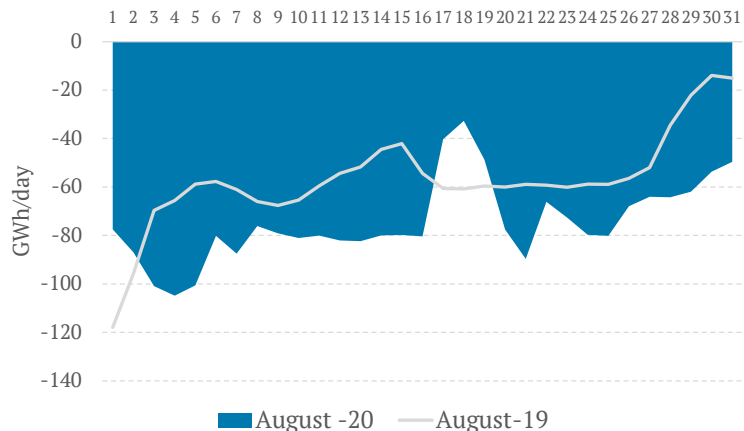


Content

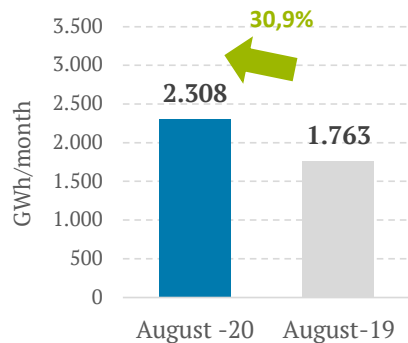
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6. UGS Activity

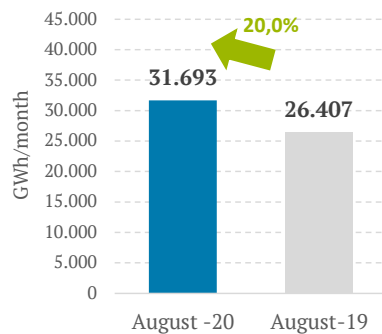
Daily injection August 2020 vs August 2019



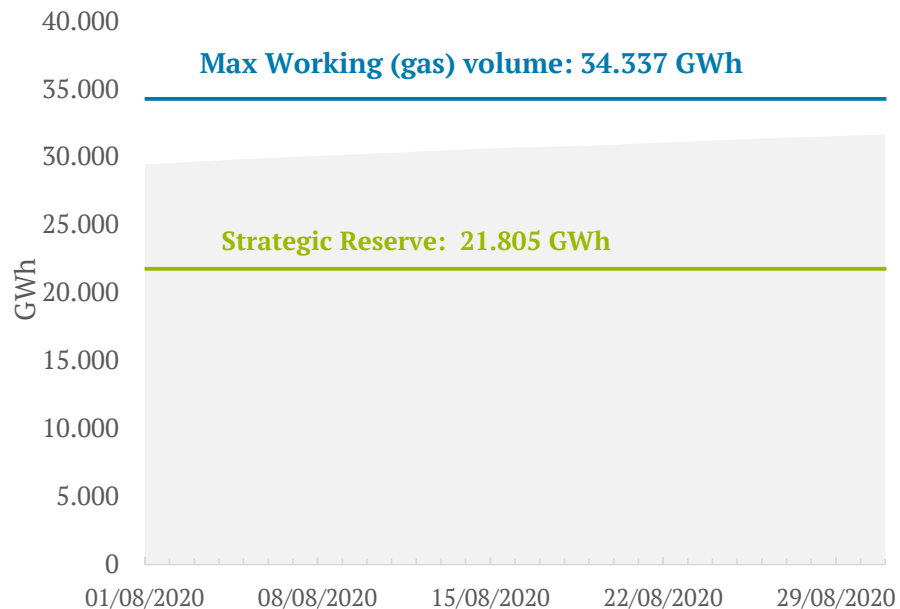
Injection



Working (gas) volumes



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

Operating notes:

In August 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

