



ADVANCE



Statistical bulletin

February 2021

Technical Management of the System

GTS_DEMANDA@enagas.es

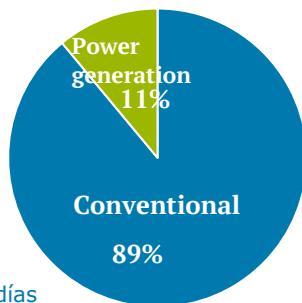
Content

- 1. Evolution of gas demand**
 - 1. Conventional demand**
 - 2. Power generation**
 - 3. CCAA**
2. Demand coverage
 1. Origin of supplies
 2. Interconnection Points
3. Renewable gases
4. TVB activity
5. Regasification Plants activity
6. Underground Storage activity
7. Operating notes and other relevant facts

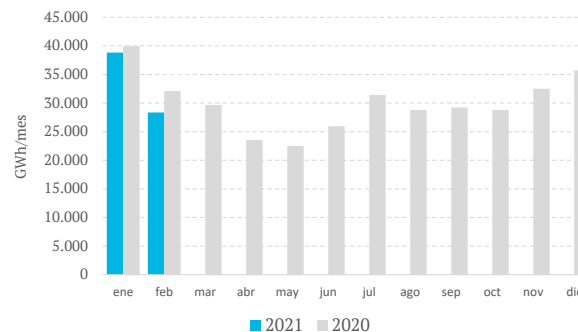
1. Evolution of gas demand

| GWh | Monthly accumulated | | Annual accumulated | | Moving Annual Total | |
|------------------------------------|---------------------|-----------------|--------------------|---------------|------------------------|----------------|
| | Feb-2021 | %Δ s/2020 (*) | Jan-Feb 2021 | %Δ s/2020 | MAT: Mar 2020-Feb 2021 | %Δ MAT vs 2020 |
| National Market demand | 28.337 | -9,3% | 67.155 | -5,7% | 356.007 | -1,1% |
| Conventional | 25.210 | -1,4% | 58.372 | 0,8% | 271.598 | 0,2% |
| Power generation | 3.126 | -45,0% | 8.784 | -33,7% | 84.409 | -5,0% |
| International Market demand | 2.483 | >100% | 4.271 | 111,4% | 15.239 | 17,3% |
| International connections exports | 2.443 | >100% | 2.893 | 64,3% | 13.136 | 9,4% |
| LNG Vessel loading | 40 | <100% | 1.378 | 431,0% | 2.102 | 113,6% |
| TOTAL | 30.820 | -2,1% | 71.427 | -2,4% | 371.245 | -0,5% |

National market demand February 2021

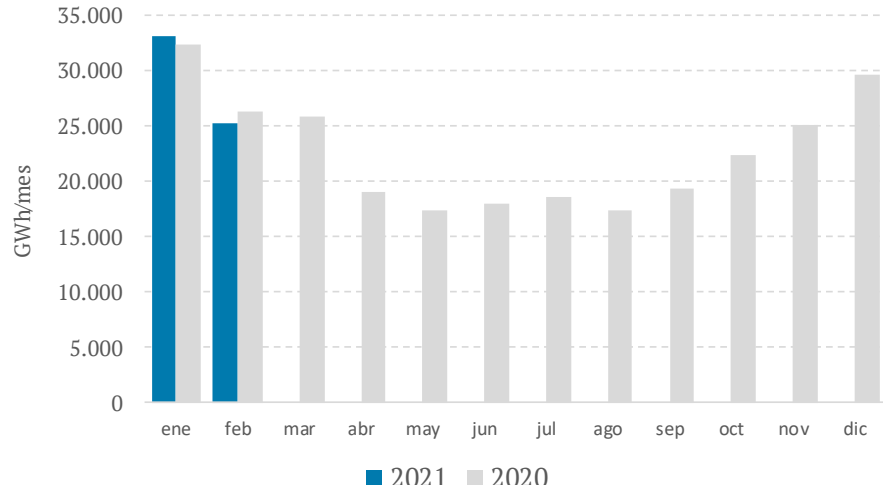


Total Demand

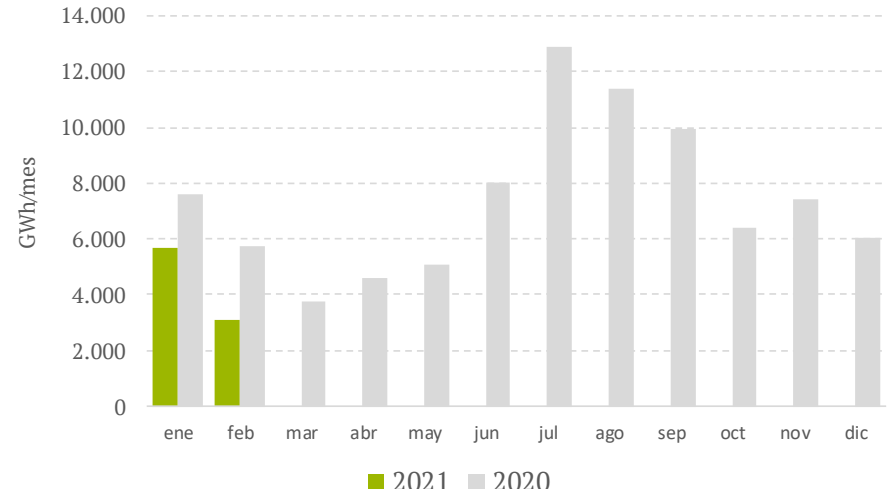


1. Evolution of gas demand

Conventional Demand



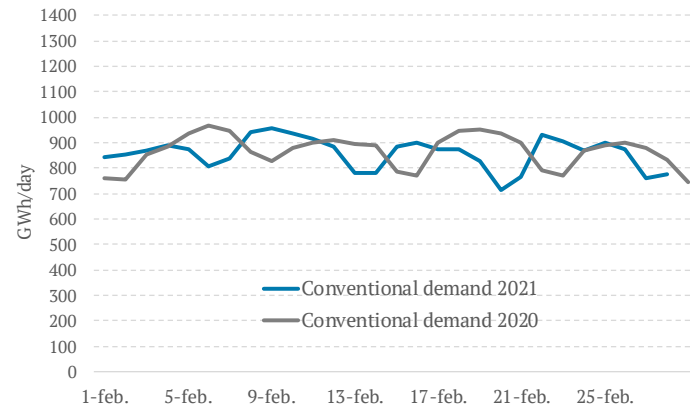
Power Generation



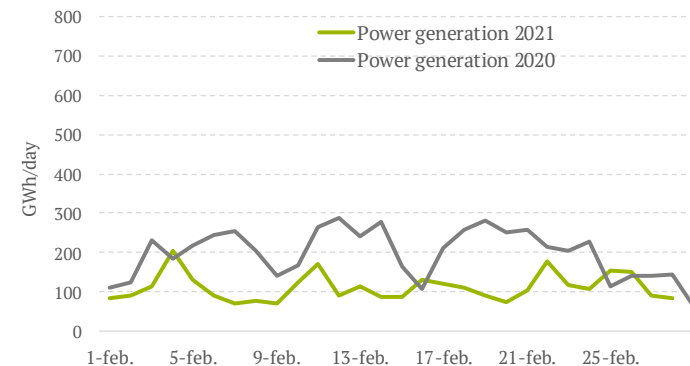
1. Evolution of CCAA gas demand

| GWh | CONVENTIONAL DEMAND (without LNG trucks) | | POWER GENERATION | |
|-----------------|---|---------------|------------------|---------------|
| | Feb-2021 | %Δ s/feb 2020 | Feb-2021 | %Δ s/feb 2020 |
| CATALUÑA | 4.696 | -0,3% | 439 | -50,6% |
| ANDALUCIA | 2.320 | -16,4% | 614 | -55,9% |
| VALENCIA | 2.661 | 1,4% | 191 | -68,0% |
| PAIS_VASCO | 1.945 | -7,9% | 224 | -46,3% |
| MURCIA | 1.368 | -11,0% | 373 | -24,2% |
| CASTILLA_LEON | 1.959 | -4,5% | 0 | |
| ARAGON | 1.352 | -8,2% | 8 | -7,7% |
| GALICIA | 1.107 | -2,0% | 470 | 34,0% |
| CASTILLA_MANCHA | 1.226 | -5,6% | 114 | -54,4% |
| MADRID | 3.173 | 5,0% | 0 | |
| ASTURIAS | 686 | -3,5% | 51 | -85,6% |
| NAVARRA | 605 | -3,3% | 94 | -70,1% |
| CANTABRIA | 402 | -14,5% | 0 | |
| LA_RIOJA | 264 | -25,3% | 53 | -33,1% |
| EXTREMADURA | 182 | 3,0% | 0 | |
| BALEARES | 81 | -10,2% | 495 | -17,4% |

Conventional demand daily evolution



Power generation daily evolution



1.1 Conventional demand

Demand




Conventional market

-1,4%




Less than the previous year

Temperatures



-0,05°C

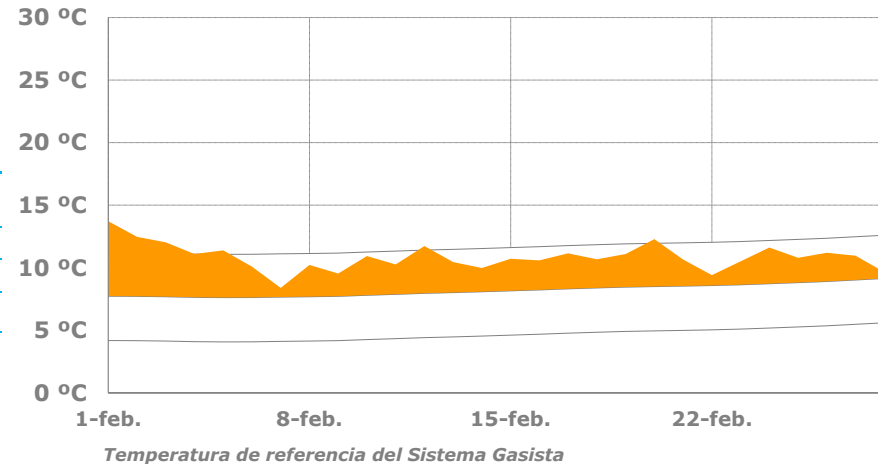


Less than the previous year

Calendar and temperature correction

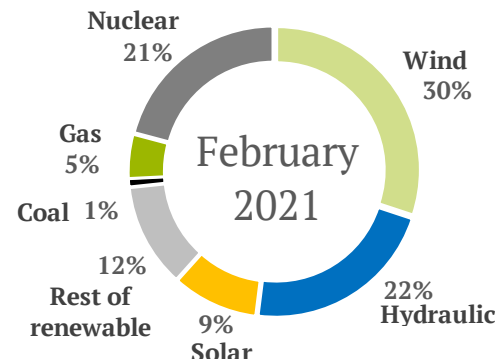
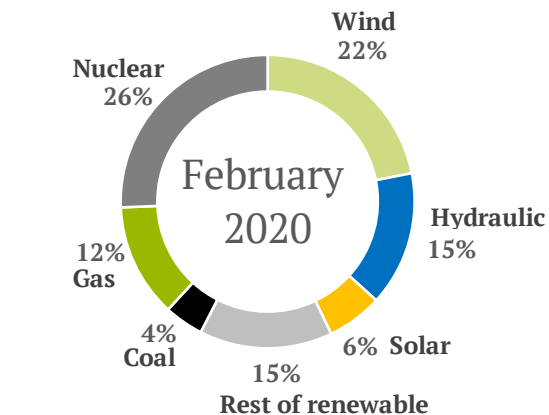
| Demand | Conventional demand | | Accumulated | | MAT | |
|----------------|---------------------|----------|--------------|----------|----------------------------|------------|
| | January 2021 (*) | | January 2021 | | February 2020-January 2021 | |
| | GWh | %21 s/20 | GWh | %21 s/20 | GWh | % TAM s/19 |
| | 25.210 | -1,4% | 58.372 | 0,8% | 271.598 | 0,2% |
| Calendar | | 0,0% | | -2,2% | | -0,4% |
| Temperature | | 1,9% | | 3,6% | | 0,8% |
| Amended demand | | -3,3% | | -0,6% | | -0,2% |

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



1.2 Power generation– electricity generation mix

| TWh (e) | Feb 2020 | Feb 2021 |
|------------------------|----------|----------|
| Power generation | 19,8 | 19,3 |
| Wind | 4,2 | 6,3 |
| Hydraulic | 2,8 | 4,6 |
| Solar | 1,2 | 2,0 |
| Rest of renewable | 2,8 | 2,4 |
| Cogeneration | 2,2 | 1,9 |
| Others | 0,6 | 0,6 |
| Thermal Gap | 3,2 | 1,2 |
| Coal | 0,8 | 0,2 |
| Gas | 2,4 | 1,0 |
| % gas in TG | 74% | 85% |
| Nuclear | 4,9 | 4,4 |
| International balances | 1,0 | -0,2 |
| | import | export |

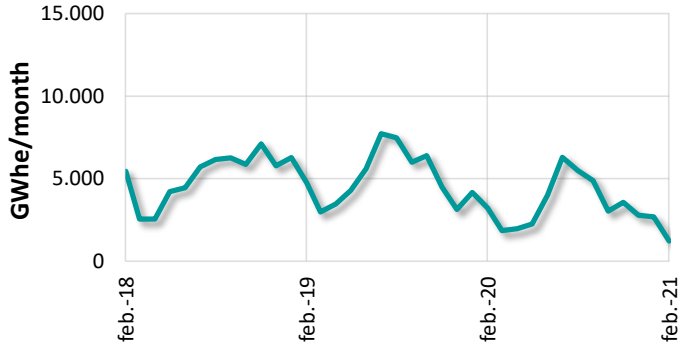


1.2 Power generation – Thermal Gap evolution

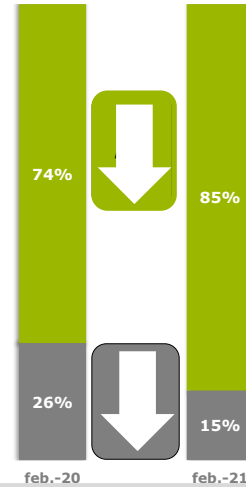
Thermal Gap

-62%

Than the previous year



%GAS/COAL



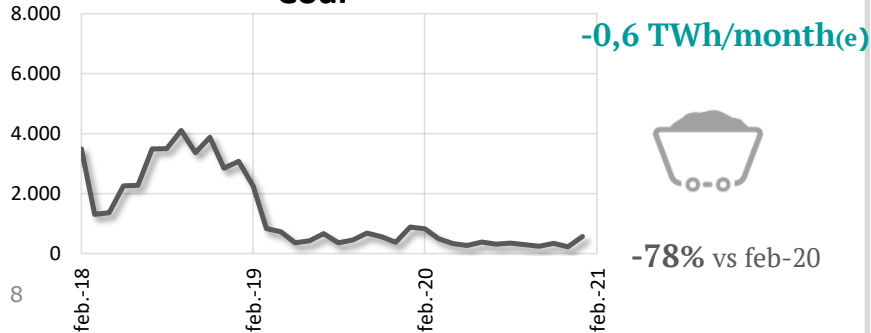
■ Generation gas mix

-48 GWh(e)/day

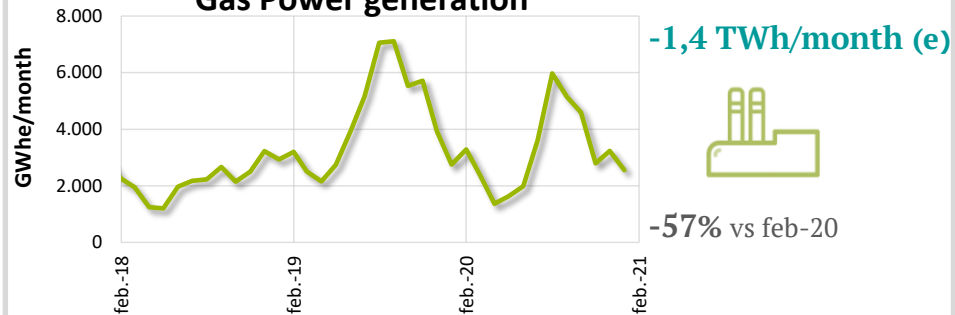
■ Generation coal mix

-23 GWh(e)/day

Coal



Gas Power generation



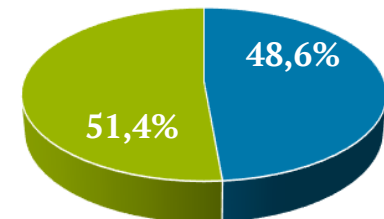
Content

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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2.1 Demand coverage: Origin of supplies

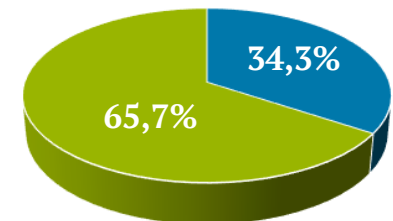
| Unit: GWh | | Monthly accumulated (*) | | Annual accumulated (*) | | Moving Annual Total (*) | |
|-------------------|-----|-------------------------|---------------|------------------------|-------------|-------------------------|-------------|
| | | Feb-2021 | Feb-2020 | Jan-Feb 2021 | % s TOTAL | MAT: Mar 2020-Feb 2021 | % s TOTAL |
| Algeria | NG | 13.919 | 6.631 | 26.384 | 45,7% | 112.771 | 32,9% |
| | LNG | 495 | 0 | | | | |
| France | NG | 581 | 3.162 | 6.672 | 10,2% | 34.174 | 9,8% |
| | LNG | 0 | 0 | | | | |
| Angola | LNG | 0 | 0 | 0 | 0,0% | 3.035 | 0,8% |
| Cameroon | LNG | 0 | 0 | 0 | 0,0% | 956 | 0,3% |
| United States | LNG | 2.203 | 7.917 | 4.164 | 6,4% | 48.981 | 13,3% |
| Equatorial Guinea | LNG | 0 | 2.020 | 997 | 1,5% | 8.585 | 2,3% |
| Nigeria | LNG | 2.837 | 1.827 | 5.596 | 8,6% | 45.956 | 12,5% |
| Norway | LNG | 0 | 942 | 0 | 0,0% | 4.578 | 1,2% |
| Peru | LNG | 0 | 0 | 0 | 0,0% | 1.875 | 0,5% |
| Qatar | LNG | 1.788 | 1.438 | 3.588 | 5,5% | 30.758 | 8,3% |
| Russia | LNG | 5.434 | 1.093 | 8.074 | 12,4% | 41.832 | 11,3% |
| Trinidad | LNG | 2.831 | 3.565 | 4.674 | 7,2% | 20.581 | 5,6% |
| Oman | LNG | 0 | 0 | 0 | 0,0% | 0 | 0,0% |
| Belgium | LNG | 0 | 0 | 0 | 0,0% | 0 | 0,0% |
| Argentina | LNG | 0 | 472 | 0 | 0,0% | 375 | 0,1% |
| Egypt | LNG | 0 | 0 | 913 | 1,4% | 1.881 | 0,5% |
| Portugal | NG | 209 | 229 | 567 | 0,9% | 1.817 | 0,5% |
| National deposits | NG | 31 | 47 | 70 | 0,1% | 429 | 0,1% |
| National Biogas | NG | 7 | 8 | 17 | 0,0% | 102 | 0,0% |
| TOTAL | | 30.334 | 29.350 | 65.098 | 100% | 368.955 | 100% |

February 2021



■ Total NG ■ Total LNG

February 2020

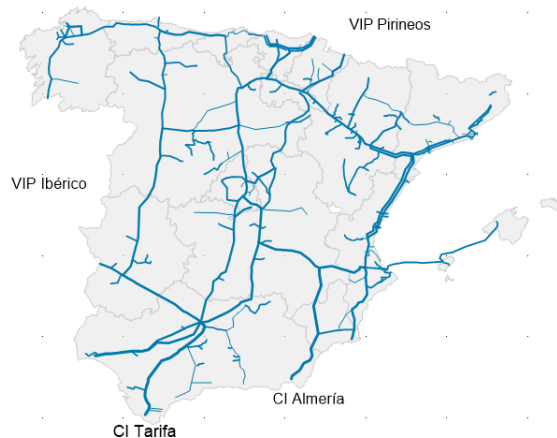
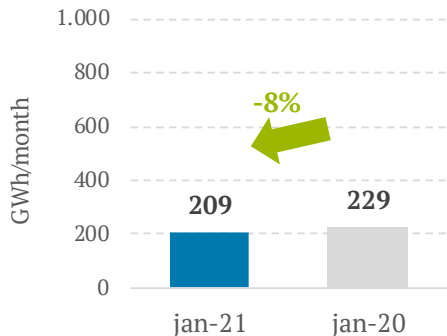


■ Total NG ■ Total LNG

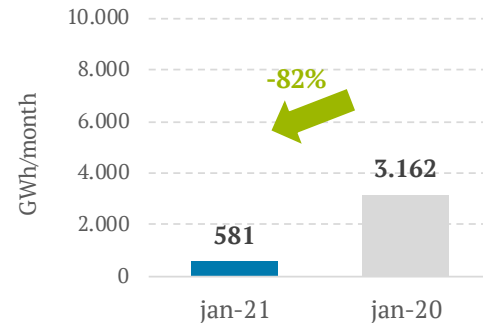
(*) SL-ATR distribution data

2.2 Demand coverage : Interconnection Points

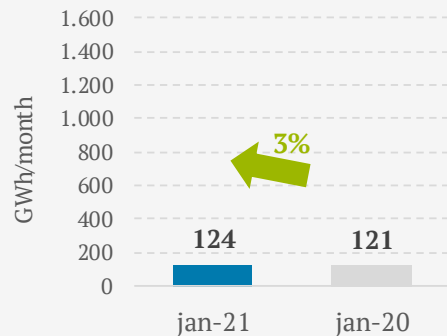
VIP IBÉRICO (imports)



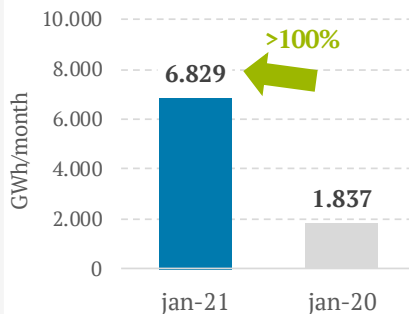
VIP PIRINEOS (imports)



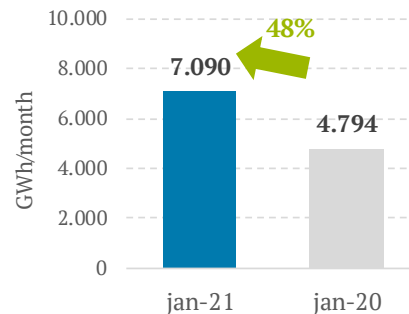
VIP IBÉRICO (exports)



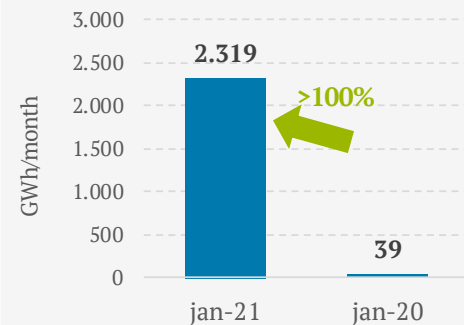
TARIFA



ALMERÍA



VIP PIRINEOS (exports)



2.2 Demand coverage : Interconnection Points

Net Balances (*)

| GWh | Monthly accumulated | | | Annual accumulated | | Moving Annual Total | |
|-------------------|---------------------|--------------|--------------|--------------------|--------------|------------------------|----------------|
| | Feb-2021 | Feb-2020 | %Δ s/2020 | Jan-Feb 2021 | %Δ s/2020 | MAT: Mar 2020-Feb 2021 | %Δ MAT vs 2020 |
| Tarifa | 6.829 | 1.837 | >100% | 12.885 | >100% | 49.340 | 21,0% |
| Almería | 7.090 | 4.794 | 47,9% | 13.499 | 36,1% | 63.431 | 6,0% |
| VIP Ibérico | 85 | 108 | -21,1% | 221 | <100% | -4.165 | -6,6% |
| VIP Pirineos | -1.739 | 3.123 | <100% | 4.124 | -20,6% | 27.020 | -3,8% |
| National Deposits | 31 | 47 | -34,0% | 70 | -33,5% | 429 | -7,6% |
| Biogas | 7 | 8 | -8,5% | 17 | -6,4% | 102 | -1,2% |
| Total | 12.303 | 9.917 | 24,1% | 30.818 | 58,1% | 136.156 | 9,1% |

(+) Entry flows (-) Exit flows

(*) SL-ATR distribution data

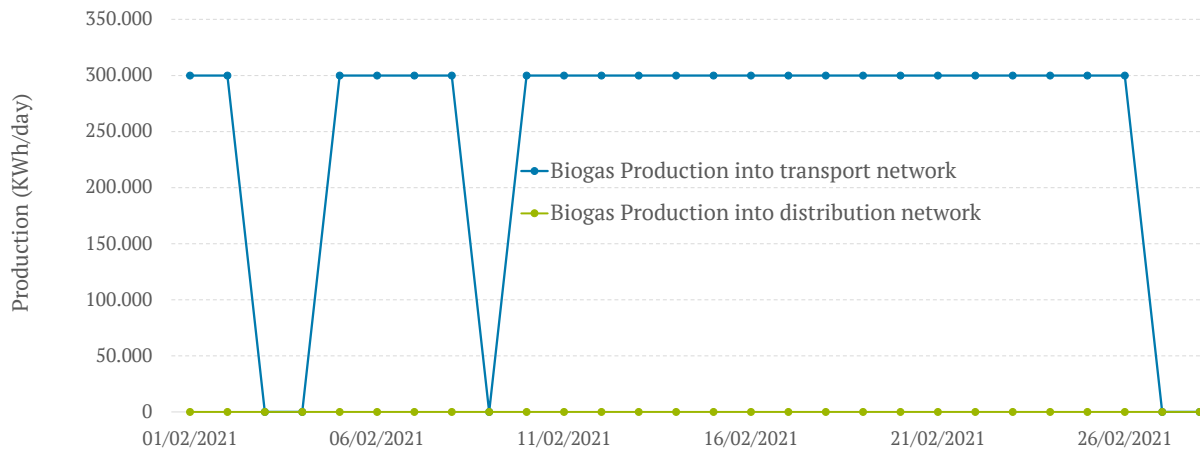
Content

1. Evolution of gas demand
 1. Conventional demand
 2. Power generation
 3. CCAA
2. Demand coverage
 1. Origin of supplies
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3. Renewable gases

BIOGAS production for transport and distribution network

| Unidad: GWh | Monthly Accumulated | | | Annual Accumulated | | Moving Annual Total | |
|---|---------------------|------------|---------------|--------------------|--------------|------------------------|--------------|
| | Feb-2021 | Feb-2020 | %Δ s/2020 | Jan-Feb 2021 | %Δ s/2020 | MAT: Mar 2020-Feb 2021 | %Δ s/2020 |
| BIOGÁS injected into transport network | 6,9 | 7,5 | -8,5% | 17,3 | -6,4% | 101,6 | -1,2% |
| BIOGÁS injected into distribution network | 0,0 | 0,3 | -100,0% | 0,0 | -100,0% | 0,2 | -59,4% |
| Total | 6,9 | 7,8 | -11,7% | 17,3 | -8,2% | 101,8 | -1,5% |



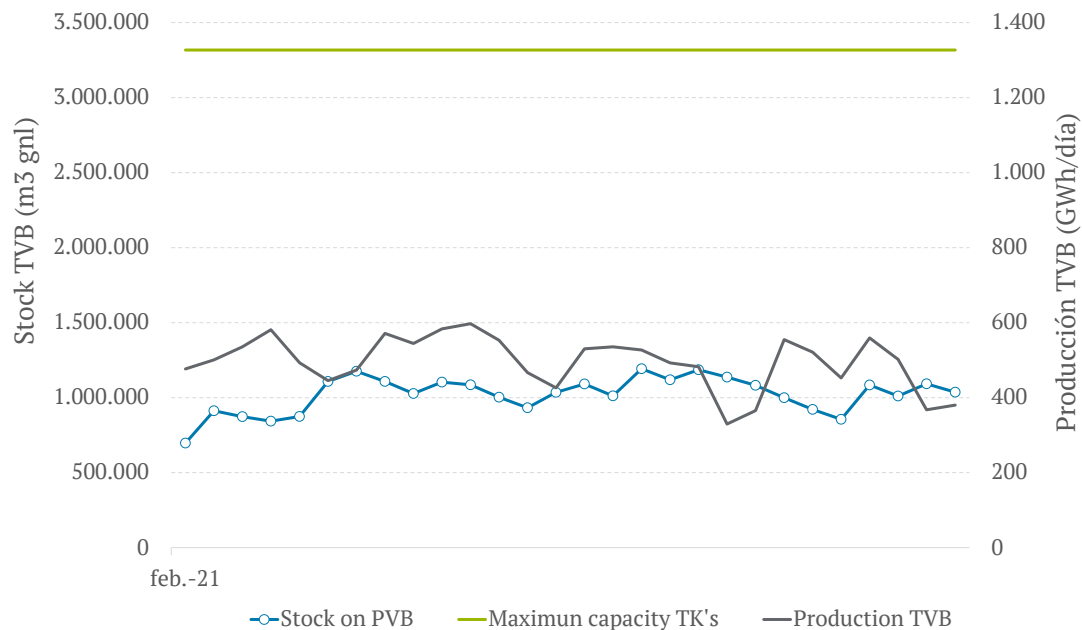
(*) SL-ATR distribution data

Content

1. Evolution of gas demand
 1. Conventional demand
 2. Power generation
 3. CCAA
2. Demand coverage
 1. Origin of supplies
 2. Interconnection Points
3. Renewable gases
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7. Operating notes and other relevant facts

4. TVB activity

TVB Stock evolution and TVB production



February 2020

GWh/month

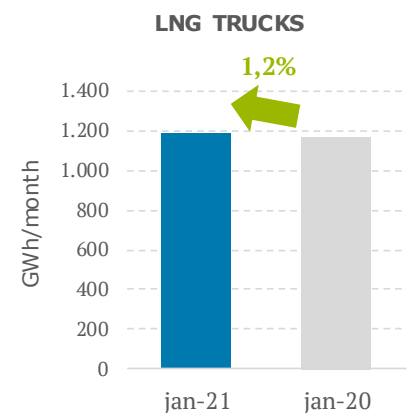
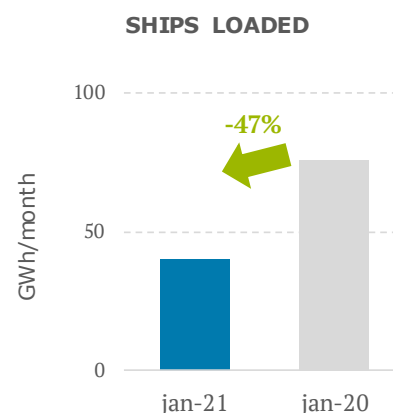
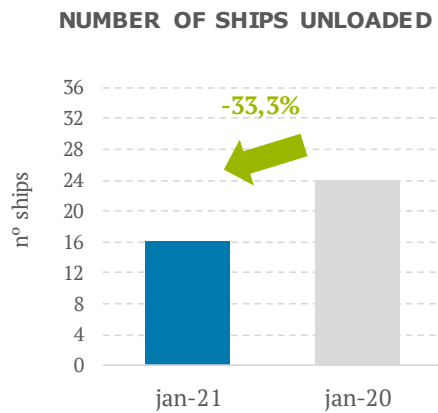
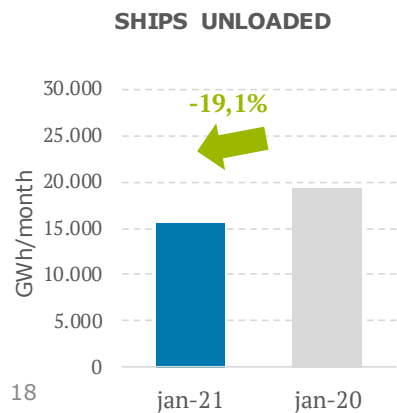
| | |
|---------------------------|--------|
| Total capacity | 57.450 |
| Contracted capacity TVB | 15.335 |
| Available capacity | 42.115 |
| Commercial regasification | 13.690 |

Content

1. Evolution of gas demand
 1. Conventional demand
 2. Power generation
 3. CCAA
2. Demand coverage
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 2. Interconnection Points
3. Renewable gases
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- 5. Regasification Plants activity**
6. Underground Storage activity
7. Operating notes and other relevant facts

5. Regasification plants activity

| GWh | Ships Unloaded | | | Number of Ships Unloaded | | | Ships Loaded | | | LNG Trucks | | |
|--------------|----------------|---------------|---------------|--------------------------|-----------|---------------|--------------|-----------|---------------|--------------|--------------|---------------|
| | Feb-2021 | Feb-2020 | %Δ s/Jan 2020 | Feb-2021 | Feb-2020 | %Δ s/Jan 2020 | Feb-2021 | Feb-2020 | %Δ s/Jan 2020 | Feb-2021 | Feb-2020 | %Δ s/Jan 2020 |
| | | | | | | | | | | | | (*) |
| BARCELONA | 1.788 | 3.694 | -51,6% | 2 | 4 | -50,0% | 40 | 43 | -8% | 279 | 275 | 1,4% |
| HUELVA | 3.965 | 5.270 | -24,7% | 4 | 6 | -33,3% | 0 | 26 | <100% | 255 | 242 | 5,4% |
| CARTAGENA | 1.595 | 3.941 | -59,5% | 2 | 4 | -50,0% | 0 | 0 | - | 262 | 248 | 5,6% |
| BILBAO | 5.186 | 5.811 | -10,8% | 5 | 9 | -44,4% | 0 | 0 | - | 102 | 108 | -5,5% |
| SAGUNTO | 948 | 560 | 69,4% | 1 | 1 | 0,0% | 0 | 0 | - | 178 | 181 | -1,7% |
| MUGARDOS | 2.105 | 0 | >100% | 2 | 0 | >100% | 0 | 6 | - | 109 | 117 | -6,8% |
| Total | 15.588 | 19.274 | -19,1% | 16 | 24 | -33,3% | 40 | 76 | -47% | 1.185 | 1.171 | 1,2% |



(*) se ha considerado febrero-20 de 29 días

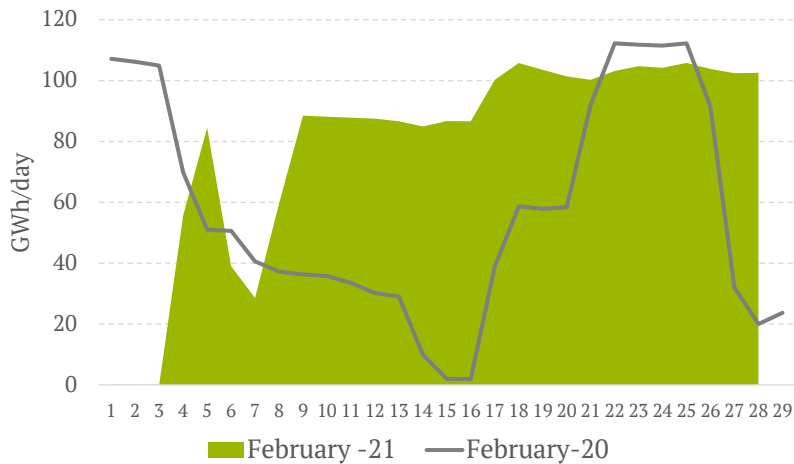
(*) SL-ATR distribution data

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 1. Conventional demand
 2. Power generation
 3. CCAA
2. Demand coverage
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7. Operating notes and other relevant facts

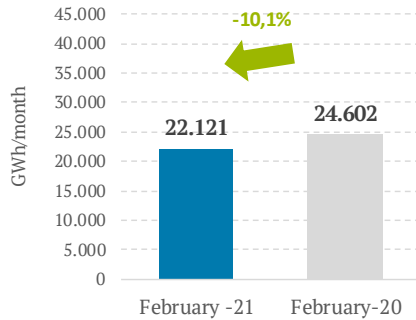
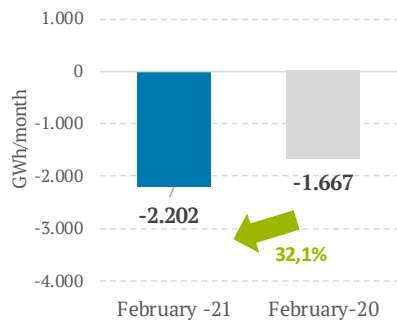
6. UGS Activity

Daily withdrawal February 2021 vs February 2020

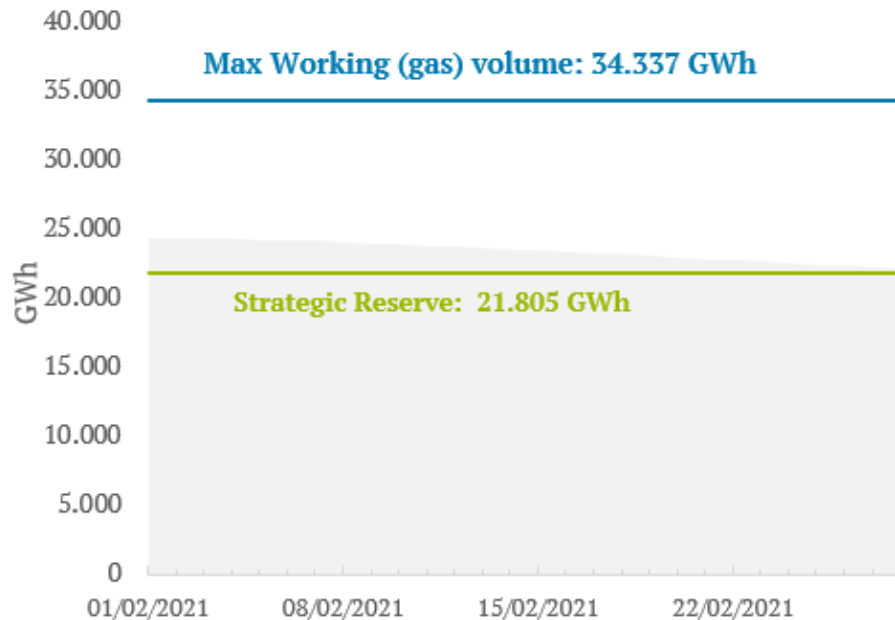


Withdrawal

Working (gas) volumes



Working (gas) evolution



(*) SL-ATR distribution data

Content

1. Evolution of gas demand
 1. Conventional demand
 2. Power generation
 3. CCAA
2. Demand coverage
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7. Operating notes and other relevant facts

Operating notes:

In February 2021, **two Operation notes** have been published:

- ❖ nota de operación n°3 related **Vessel drift**
- ❖ nota de operación n°4 related **Reduction of Winter reserve obligation**

Relevant facts:

- ❑ No relevant facts have been produced this month

Gas system operation and programming Operation notes

The operating notes are available on this page



Thank you

