

## THE SPANISH ELECTRICITY SYSTEM

End of year forecast 2020

**Electrical Energy demand** national system

1249

Variation with respect to 2019 **-5.6%** 

Adjusted the working days and temperature **-5.6%** 

Maximum instantaneous demand peninsular system

**↓40,423**mw

Variation with respect to the maximum value for 2019 **-0.1% 40,455 MW** 

Variation with respect to the All-time High for 2007 **-11.1% 45,450 MW** 

Electrical Energy demand peninsular system

↓236.4 TWh

Variation with respect to 2019 -5.1%

Adjusted the working days and temperature -5.2%

Electrical energy demand non-peninsular systems

Variation with respect to 2019
Baleares -19.6%
Canarias -10.3%
Ceuta -3.7%
Melilla -0.9%



**260.8**TWh in 2019

**Installed power capacity** national system\* 109.7<sub>GW</sub> Variation with respect to 2019 -0.7%

Renewable electricity generation national system

43.6% of generation (All-time record)

37.5% in 2019

CO<sub>2</sub> eq free generation national system

66.9% of generation [All-time record]

**59.6%** in 2019

Reduction of CO<sub>2</sub> eq emissions associated with electricity generation

27.3% in 2020

23% in 2019

national system

2020

21.7%

2020



11.9% 9.5%

20.8%

17.8% 21.2%

**22.2%** 21.4%



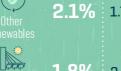
6.1% 3.5% Cogeneration

10.8% 11.4%

2.0%



2.1% 1.7%



1.8%

2.0%



**1.9%** 1.5%

4.9%





**1.7%** 2.2%

## International exchanges

**Imports** 

18.7<sub>TWh</sub>

**Exports** 

14.8<sub>TWh</sub>

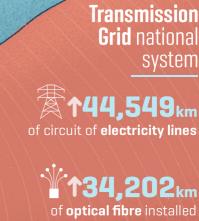
Import balance

**↓3.9**TWh

**6.9**TWh in 2019

Peninsula - Balearic **Islands link** 

**28.7%** of the Balearic Islands demand



134,202km of optical fibre installed

system

in the transmission grid of Red Eléctrica de España

Provisional data. Close of year conducted with estimated data as at 11 December More information available in the REData section.

For a renewed future, a renewable present