

**Electrical Energy demand national system**

↓ **249.7 TWh**

Variation with respect to 2019 **-5.6%**  
Adjusted the working days and temperature **-5.6%**

**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**

↓ **13.3 TWh**

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

**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**

**20**  
JANUARY  
20:22h

**Generation structure national system** : **250.4 TWh**  
**260.8 TWh** in 2019

	2020	2019		2020	2019
Wind	21.7%	20.8%	Nuclear	22.2%	21.4%
Hydro	11.9%	9.5%	Combined cycle	17.8%	21.2%
Solar photovoltaic	6.1%	3.5%	Cogeneration	10.8%	11.4%
Other renewables	2.1%	1.7%	Coal	2.0%	4.9%
Solar thermal	1.8%	2.0%	Other non-renewables	1.9%	1.5%
			Fuel + Gas	1.7%	2.2%

**Installed power capacity national system\***

↓ **109.7 GW**

Variation with respect to 2019 **-0.7%**  
\* Pending new additions and drops until December 31.

**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)  
**59.8%** in 2019

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

↑ **27.3%** in 2020  
**23%** in 2019

**International exchanges**

Imports **18.7 TWh**

Exports **14.8 TWh**

Import balance  
↓ **3.9 TWh**  
**6.9 TWh** in 2019

**Peninsula - Balearic Islands link**

**1.4 TWh**  
**28.7%** of the Balearic Islands demand

**Transmission Grid national system**

↑ **44,549 km**  
of circuit of **electricity lines**

↑ **34,202 km**  
of **optical fibre** installed in the transmission grid of Red Eléctrica de España