

## Electrical Energy demand peninsular system

**254.1** TWh

Variation with respect to 2017 **+0.6%**

Seasonal and working patterns factored in **+0.5%**

## Maximum instantaneous demand peninsular system

**40,947** MW

Variation with respect to the maximum value for 2017 **-1.0%**

**41,381** MW

Variation with respect to the All-time High for 2007 **-9.9%**

**45,450** MW

## Electrical Energy demand non-peninsular systems

**15.3** TWh

Variation with respect to 2017

Ceuta **+2.4%**

Melilla **+1.7%**

Balearic Islands **+0.7%**

Canary Islands **-1.0%**

**8** February  
20.24h

## Installed power capacity peninsular system

**98.7** GW

Variation with respect to 2017 **-0.2%**

## Renewable generation peninsular system

**99.1** TWh

40% of generation  
33.7% in 2017

## CO<sub>2</sub>-free generation peninsular system

62.2% of generation  
57.0% in 2017

## GENERATION STRUCTURE PENINSULAR SYSTEM

**247.9** TWh

248.1 TWh in 2017

	2018	2017		2018	2017
Hydro	<b>13.7%</b>	7.4%	Nuclear	<b>21.4%</b>	22.4%
Wind	<b>19.8%</b>	19.1%	Coal	<b>14.5%</b>	17.1%
Solar photovoltaic	<b>3.0%</b>	3.2%	Combined cycle	<b>10.8%</b>	13.6%
Solar thermal	<b>1.8%</b>	2.2%	Cogeneration	<b>11.6%</b>	11.3%
Other renewables	<b>1.7%</b>	1.8%	Other non-renewables	<b>1.7%</b>	1.9%

## INTERNATIONAL EXCHANGES

### Imports

**23.4** TWh

### Import balance

**10.6** TWh

9.2 TWh in 2017

### Exports

**12.8** TWh

### PENINSULA - BALEARIC ISLANDS LINK

**1.2** TWh

Variation respect to 2017 **+2.6%**

## TRANSMISSION GRID NATIONAL SYSTEM

**44,243** km

of circuit of electricity lines

43,930 km in 2017

**33,687** km

of optical fibre installed in the transmission grid of Red Eléctrica de España\*

\*Data as at 30 November

Provisional data. Close of year conducted with estimated data as at 13 December.