

Demand recovery is ongoing: 25.9 billion kWh, up even compared to November

TERNA: IN DECEMBER ELECTRICITY CONSUMPTION +1.1% IN ITALY

Double-digit increase in industrial consumption: the IMCEI index recorded a positive change of 11.4%, driven by the steel and engineering sectors

Rome, 11 January 2021 – In December, Italian electricity consumption showed further signs of recovery compared to previous months. Terna, the company that manages Italy's high and extra-high-voltage electricity grid, recorded an electricity demand of 25.9 billion kWh, a figure up by 1.1% compared to December 2019 and by 0.3% compared to November 2020. Renewable sources covered 32% of demand. Encouraging signs also from the IMCEI index: the sample of industrial consumption monitored by Terna recorded a double-digit increase compared to December 2019 (+11.4%) and, for the third consecutive month, also at the economic level compared to November 2020 (+0.4%).

In December 2020, 87.3% of electricity demand in Italy was met by national production and the remainder (12.7%) by the balance of electricity exchanged with foreign countries. More specifically, the net national production (22.9 billion kWh) has increased by 1.5% compared to December 2019. Thermal (+14%) and geothermal energy production (+3%) grew. There was a decrease in photovoltaic (-16.2%), wind (-17.1%) and hydro (-23.1%) energy production.

December 2020 was positive across the country: +0.8% in the North and in Central Italy, and +1.9% in the South and on the Islands.

Terna's IMCEI index - which directly examines and monitors the industrial consumption of about 530 large energy consumers connected to the Italian electricity transmission grid (large industries in the following sectors: cement, lime and gypsum, steel, chemical, engineering, transportation, food, paper, ceramics and glass and non-ferrous metals) – recorded a positive trend of 11.4% compared to December 2019. In particular, growth was driven by the steel (+23.2%) and engineering (+7%) sectors. The only sector that showed a negative trend was construction materials (-2.1%). Analysing separately the so-called *Pure Customers* (those who only withdraw from the grid) and the *Self-producers*, the annual change shows an increase respectively of 11.1% and 13.7%.

A detailed analysis of provisional 2020 monthly electricity demand is available in the publication "Monthly Report on the Electricity System", under the section "Electric System >> Dispatching >> Operating Data" at www.terna.it.

Real-time data on the operation of the national electricity system can also be consulted on the Terna app available in the main app stores:

<https://play.google.com/store/apps/details?id=it.terna.energia&hl=it>

<https://apps.apple.com/it/app/terna/id1458535498>