

Monthly demand was 27.9 billion kWh

TERNA: ELECTRICITY CONSUMPTION UP +2.7% IN JUNE

Photovoltaic production is growing, at record values for the month of June, thanks to the entry into operation of 1,500 MW of new plants in the last 12 months

Rome, 25 July 2022 – In June, according to data from Terna - the Italian national transmission operator - Italy consumed a total of 27.9 billion kWh of electricity, an increase of 2.7% compared to the same month in 2021.

During the first half of the year electricity demand in Italy increased by 2.7% compared to the same period in 2021 (+2.2% adjusted value).

Analysing the data in detail, June had the same number of working days (21) and an average monthly temperature that was 1.5°C higher than June 2021. The figure for electricity demand, adjusted for seasonal and temperature effects, was therefore up by 0.6%. Regionally, the June 2022 trend was positive across the country: +0.3% in the North, +4.4% in Central Italy and +6.7% in the South and on the islands. Cyclical data for electricity demand in June, adjusted for seasonal and temperature effects, remained the same (-0.4%) as May.

In June 2022, 86% of electricity demand in Italy was met by national production and the remainder (14%) by the balance of electricity exchanged with foreign countries. Net domestic production amounted to 24.2 billion kWh (+1.4%). Renewables accounted for 35% of Italian electricity demand. Wind (+32.2%), thermal (+14.1%) and photovoltaic (+7.7%) energy production grew. Specifically, the growth of photovoltaic production, which reached record production values for the month of June, is mainly attributable to the entry into operation of about 1,500 MW of new plants in the last 12 months. On the other hand, geothermal (-5.9%) and hydroelectric (-37.4%) production sources decreased, with the latter recording a decrease of about 2 TWh. It should also be noted that in Northern Italy the reservoir levels have been recorded as being close to historic lows (31%). Lastly, relative to the import/export balance, the change amounted to +10.1% with an increase in imports (+7.7%) and a decrease in exports (-29.8%).

Terna's IMCEI index, which considers the industrial consumption of energy-intensive companies, recorded a decrease of 5.4% compared to June 2021. Taking into consideration seasonal and calendar effects, the index shows a decrease of 2.3 % compared to the previous month (May 2022). Change was positive only in the chemical segment.

A detailed analysis of provisional 2021 and 2022 monthly electricity demand is available in the publication "Monthly Report on the Electricity System", under the section "Electric System>>Dispatching>>Operating Data>>Monthly Report" at www.terna.it. Real-time data on the operation of the national electricity system can also be found on the Terna app, available on all app stores:

<https://play.google.com/store/apps/details?id=it.terna.energia&hl=en>
<https://apps.apple.com/it/app/terna/id1458535498>