

Who is Winno energy?

Winno Energy has long history in designing and supplying a wide range of biomass boiler plants in the Europe. Biomass plants involve the burning of organic material, such as wood, crops, and dung, to create heat and electricity.

Who produces electricity in Romania?

State-owned enterprises such as Nuclearelectrica, Hidroelectrică, Termoelectrică, Hunedoara Energy Complex (CEH), and Oltenia Energy Complex (CEO) are the primary producers of power. According to the National Energy Regulatory Agency (ANRE), the energy output in Romania in 2022 was 53 TWh (terawatt-hour), while imports were 5.9 TWh.

What is energy in Romania?

Energy in Romania describes energy and electricity production, consumption and import in Romania. Romania has significant oil and gas reserves, substantial coal deposits and it has considerable installed hydroelectric power. However, Romania imports oil and gas from Russia and other countries.

Is Romania a net exporter of energy?

From being a net energy exporter a few years ago, Romania has entered a constant deficit. During 2018, Romania was a net exporter of energy, the level of exports (5.5 TWh or 9.8% of the domestic consumption) being almost double to the level of imports (2.9 TWh or 5.3% out of the domestic consumption).

Where does Romania import electricity?

Romania exports and imports electricity to and from neighboring countries, including Hungary, Bulgaria, Serbia, Ukraine, and Moldova, and is also part of the European Union's internal energy market, which aims to create a single, competitive market for electricity and gas across EU member states.

Who manages the electricity transmission system in Romania?

The electricity transmission system in Romania and the interconnection system with its neighboring countries is managed and operated by Transelectrica SA company (the Romanian TSO). They also manage the market operation, the grid and market infrastructure development, and the security of the national energy transmission system.



A deficit in domestic electricity production is jeopardizing Romania, with imports amounting to more than 35% of consumption during daily peaks. According to Minister of Energy Sebastian Burduja, the energy sector is saving water in hydropower reservoirs and coal reserves for colder days and unforeseen events.



We understand the importance of renewable energy technology and how it can affect the environment and your own energy costs. We've worked incredibly hard over the past few years to provide customers with innovative solutions that are tailored to their individual needs, helping them make the switch from traditional power sources to more



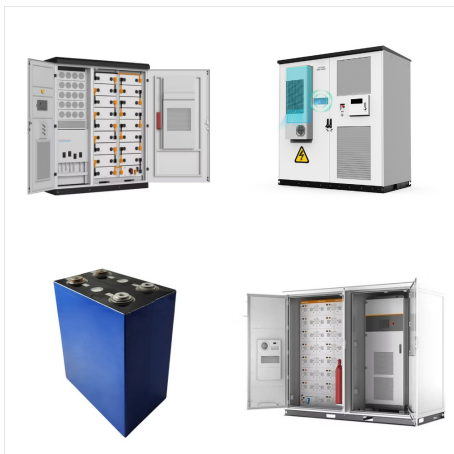
Wind Energy. Romania could get another 1.4 GW of wind farms in the next five years, with investments being estimated to be as much as EUR 2 bln. According to media outlets, it would be the second wave of investments in wind energy in this country. In the period 2009-2014, Romania attracted investments of over 4.8 bln. USD in the sector.



The clean energy sector in Romania is comprised of wind (2,673 MW - 28.55% of the energy mix), hydro (2,247 MW ??? 24.05%), nuclear (1,369 MW ??? 14.65%), solar (226 MW ??? 2.41%), and biomass (66 MW, 0.71%); with solar, wind and biomass reaching 31.67% of 9364 MW total production.



One such popular solution is waste-to-energy incineration plants. These facilities can transform non-recyclable waste into electricity and heat, helping to reduce our dependence on fossil fuels while cutting down on our environmental footprint. Waste to energy, or WTE for short, is a process whereby waste is converted into usable energy.



Winno Energy focuses on biomass boiler plants and waste to energy systems within the renewable energy sector. The company provides biomass boilers, combined heat and power (CHP) systems, and waste WID/SWIP compliant boilers that convert organic material and waste into heat and electricity.



PRODUCT INFORMATION

- BATTERY CAPACITY: 100kWh - 1000kWh
- DC VOLTAGE RANGE: 48V - 1500V
- DEGREE OF PROTECTION: IP54
- OPERATING TEMPERATURE RANGE: -30°C - 55°C

TAX FREE

ENERGY STORAGE SYSTEM

Product Model:
HU-ESS-215kW/150kWh/215000Wh
HU-ESS-115kW/80kWh/115000Wh

Dimensions:
1600*1200*2200mm
1600*1200*2200mm

Rated Battery Capacity:
215000Wh/150kWh

Battery Cooling Method:
Air Cooled/Fan Cooled



Winno Energy is one of the most innovative technology supplier in the biomass field and we would like to turn that material into valuable fuel source which will reduce CO2 emission footprint. Or call us now!



200kwh

Liquid Cooling Energy Storage System



2 ? Renewable energy offered a mixed picture. Solar energy production rose sharply by 55.1% to 3.18 billion kWh, while wind energy dropped by 18.2% to 5.07 billion kWh. Hydropower generation declined significantly, falling by 21.3% to 12.53 billion kWh, and nuclear power output dipped by 4.3% to 8.9 billion kWh.



2MW / 5MWh Customizable



2 ? Renewable energy offered a mixed picture. Solar energy production rose sharply by 55.1% to 3.18 billion kWh, while wind energy dropped by 18.2% to 5.07 billion kWh. ???