

TMK Hydroenergy Power, part of the CEZ Group in Romania, will invest close to 700,000 euros in the construction of the new Breazova 2 hydroelectric power plant, near the Valiug Dam, from 2020 to 2022, CEZ said in a statement.

For that, non-refundable financial assistance was provided, which covers 44.7% of the total value of the investment (300,000 euros). The project supports Romania in achieving European energy and climate goals, the company said. The dam built on the Barzava River creates the Valiug Reservoir, with a nominal volume of one million cubic meters of water, whose annual transit is about 35-50 million cubic meters, depending on the annual climatic conditions. After internal analyzes performed by the company's experts, the potential that this location offers for the production of "green" electricity by building a micro power plant with an installed capacity of 367 kW at the foot of the Valiug dam was identified.

It is estimated that the new hydropower plant will provide about 2,500 MWh of electricity per year. Given the goals set by the European Union in terms of energy and climate for 2020, 2030 and 2050, we can say that these investments are important long-term support to Romania.

The purpose of the investment is the production of green electricity (which does not pollute) by using the hydropower potential of the Barzava River with a positive impact on the environment, achieving the following results: responsible management of fossil energy sources, valorization of sustainable renewable sources for electricity production; and reducing greenhouse gas emissions, in order to reduce global warming using renewable energy.

Green energy producer - TMK Hydroenergy Power has been under the control of CEZ Group since December 2010, which took over a 100% stake in a company that owns a hydropower system near Resica, and consists of four micro hydropower plants (Grebla, Crainicel 1, Crainicel 2 and Breazova) and related hydro facilities Timis Trei Ape, Gozna, Valiug and Secu, with a total installed capacity of approximately 22 MW after the retechnology process, and with a production of about 70 GWh per year.

Source: e-nergia.ro