

In Croatia on August 7th, 2015th, in the incentive system, 1,207 power plants on renewable energy sources (RES) have been in operation and the total installed capacity of these plants amounts to 430.88 MW.

Compared to the last report of the Association for Croatian energy since the end of January this year, it is marked an increase of 137 stations of the total installed capacity of 18,286 MW. Thus, the power system is richer for 130 solar power plants, one hydropower plant, three biomass power plants and three biogas power plants, while the number of installed and in operation released drives that use other sources of renewable energy has not been increased.

By the installed capacity 16 wind farms with a total of 339.250 MW are in the first place, while on the second place are 1,115 solar power plants with a total of 40,391 MW. Interestingly, compared to the last report, the third place firmly held by cogeneration plants now have taken over the biogas power plants with a total of 15,934 MW. Fourth place is occupied by biomass power plants with 14,925 MW, fifth cogeneration plants with 13,293 MW, sixth power plants on landfill gas and gas from plants for wastewater treatment plant with a total of 5.5 MW, while still there are no geothermal power plants in operation in the incentive system. By the installed capacity, the largest single renewable energy plants is "Wind farm Velika Glava, Bubrig and Crni Vrh" from RP GLOBAL DANILO Ltd., and installed capacity of this plant is 43.00 MW.

In the next period is projected commissioning of another 138 plants with total planned strength of 502.615 MW, and data derives from the analysis of the contracts on the electricity purchase from plants using renewable energy sources, which have not yet been put into operation. In parallel with the recent report of the Association for Croatian Energy since the end of January this year, the number of plants that have not been put into operation was 280, and planned installed capacity of these plants amounted to 494.237 MW. By the planned force, in the first place are 13 wind farms with a total of 404.700 MW, on the second place are 25 biomass power plants with a total of 56,795 MW, while on the third place are 15 biogas plants with a total of 16,724 MW. In parallel with the recent report of the Association for Croatian Energy, also here there is a change in the rank of power plants by type of used renewable energy. It is especially important to note the trend of increasing interest to invest in biomass and biogas power plants, as well as in small hydropower plants.