

Fan River Cascade Hydroelectric Power Plant Project, is located within the borders of Albania and consists of three hydroelectric power plants, a Front Face Concrete Paving Dam, two regulators, a total of 22,50 km of tunnels, three power houses and other secondary structures. Project No 1 (Peshqeshit Hydroelectric Power Plant (HEPP) playing a part in this content is located within the borders of the Rreshen district and the Small and Big Fan Rivers converging throughout this project, water of both river is utilized. Installed power of Peshqeshit HEPP is 34, 00 MW and annual energy generation is 118, 40 GWhr. Hydroelectric Power Plant (HEPP) No 2 (Fanit Dam and Fangut HEPP) is located in Rreshen District. Installed power of Fangut HEPP is 74, 60 MW and annual energy generation is 221, 40 GWhr and the last project, (Ura e Fanit HEPP) No 3 is located in Rreshen district as well. The installed power of Ura e Fanit HEPP is 1, 11 MW and annual energy generation is 7, 45 GWhr. Whole Fan River Cascade Project has an installed power of 109, 71 MW and an annual energy generation capacity of 347, 25 GWhr averagely. Schematic representation of the Project is given in the figure 1.1 below.

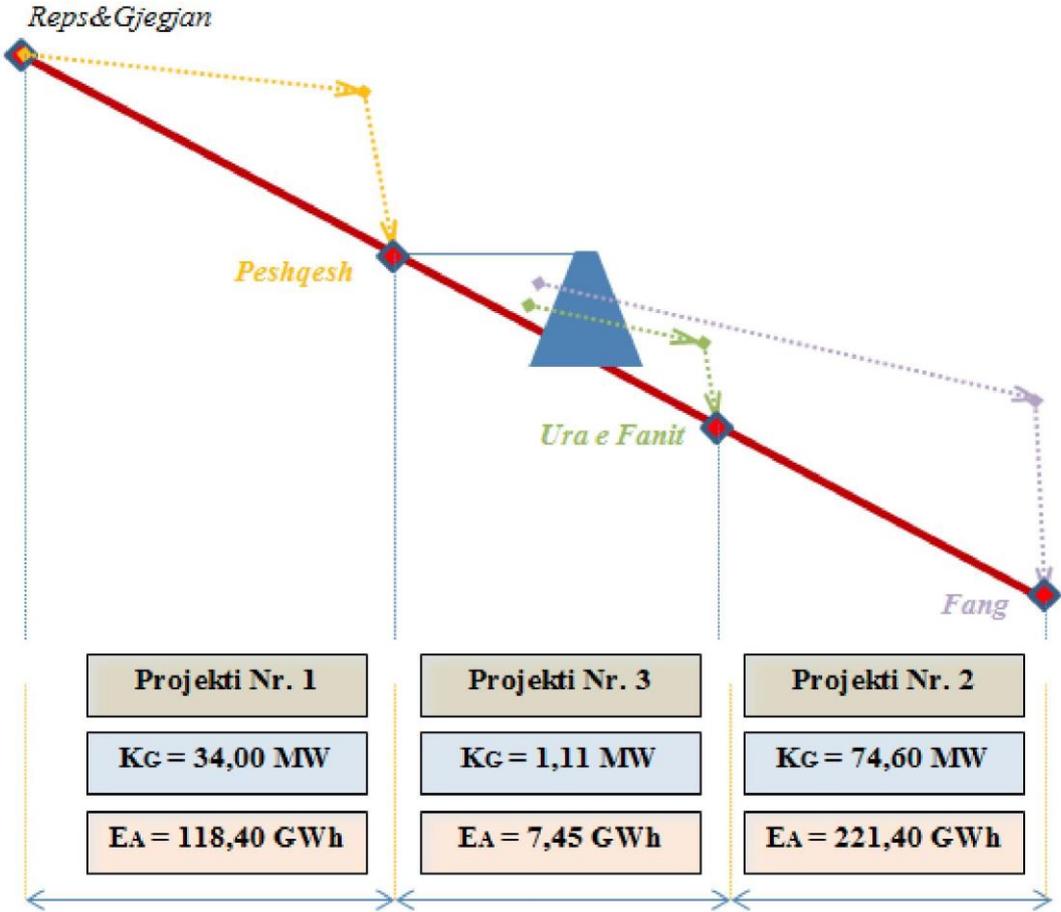


Figure 1.1. General Schema of Fan River Cascade Hydroelectric Power Plant (HEPP) Project