



GENERAL INFORMATION

-  BARCELONA (ESPAÑA)
-  PRESSURE DROP: 20 METERS
-  FLOW: 10 LITERS/SECOND
-  GENERATED POWER: 950W
-  SELF-CONSUMPTION BATTERY CHARGING TURBINE

BACKGROUND

On this occasion, we meet a client who has trusted us before and has a drinking water tank where the water inlet has a pressure surplus of 2 bar. He would like to take advantage of this pressure that is currently dissipated in some valves to make the tank energy self-sufficient.

THE SOLUTION

Thanks to the installation of a Microbat turbine together with a battery bank and an inverter, the customer is able to supply himself with 100% of the turbine. In addition, the installation is equipped with a monitoring system so that the client, through the MODBUS communication system, can control all the operating parameters of the turbine in real time and know the consumption of the installation at all times.