

ADDED WATER PUMP GROUP

Water losses in the district heating system of Plovdiv are compensated by the added water pump group, located in the old Cogeneration of Plovdiv Sever thermal powerplant.

Two of the three existing pumps for added water have been substituted by a new set of redundant 2x100% pumps.

The pumps are driven by a frequency controlled electrical motors. The control system allows remote control directly from the power plant control room and as well local operation for maintenance purposes.

Together, as an EPC contractor **RAP Systems and BePro** delivered:

- pumps
- auxiliary process installations
- control system (hardware and software)
- electrical installation.

OUR SERVICES IN THIS PROJECT

- > Design
- > Calculations
- > Manufacturing
- > Delivery
- > Mounting
- > Commissioning



Type	Centrifugal electric pumps with frequency control
Fluid	Hot water
Max. capacity / flow	45 m3/h
Max. inrush	2,3 bar
Revolutions	2950 l/min
Commissioning	2012
Site	Plovdiv, Bulgaria
Client	EVN