

Small hydropower plants implemented in Lithuania



Based on the demand of the Lithuanian Association of amelioration in 1997 cooperation between the Czech company P & S, a joint stock company, and investors of small hydropower plant in Lithuania was established.

There was used the following production schedule:

- Direct stream turbines for head of 1.7 to 4 mA flow 0.5 to 5 m³sec⁻¹
- Knee turbines for head of 1.5 to 6 mA flows 6 m³sec⁻¹
- Banki turbines for head of 6 to 40 mA flow rates from 0.2 to 2 m³sec⁻¹

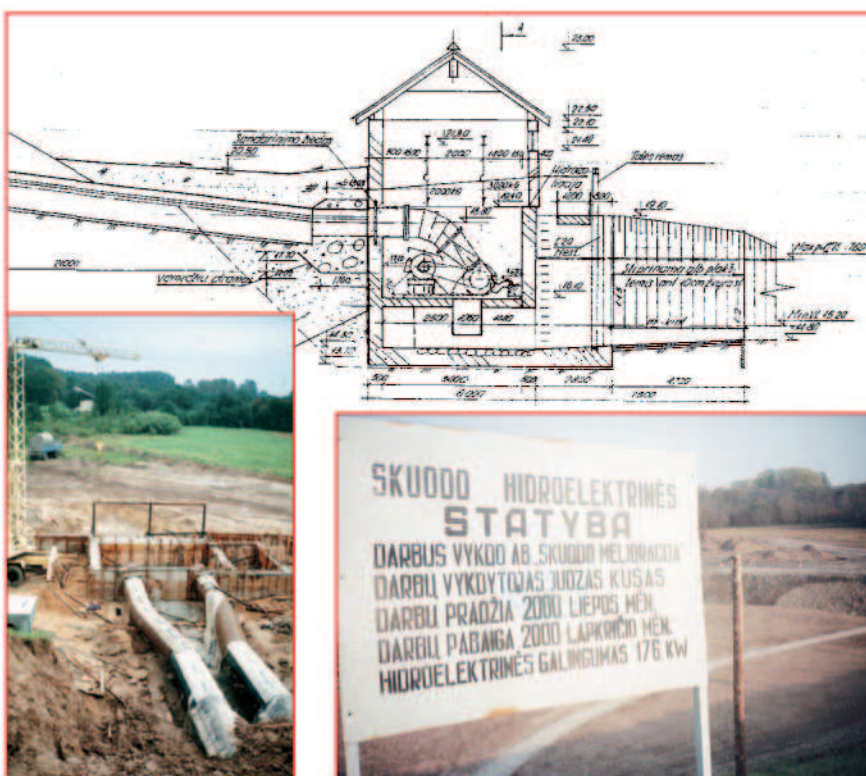
The company supplies include turbines and other technologies related to the operation of small hydropower plant, especially thrashracks, thrashracks cleaning machines with mechanical and hydraulic drive, supported weir gate with mechanical and hydraulic drive, regulatory and closing gate flap. Suitable accessories are turning bridges which do not block the flood water flow.

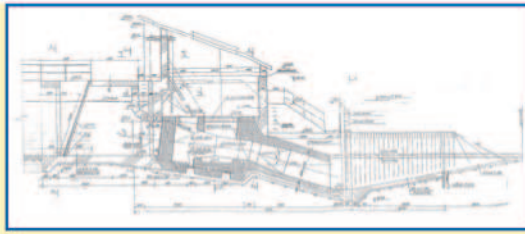


Between years 1998 and 2002 company P & S provided in Lithuania the entire facility for 7 small hydropower plant. Supplies include a total of 12 turbines, generators, hydraulic systems, electro systems and control computers. 10 turbines are destined for the small gradient to 3.5 m, 2 Bánki turbines for the type of gradient 7 m. For these supplies a Lithuanian organization provided services in the city Mažeikiai.

Power plants with the technology of P & S are built on the river Virvyte, Varduve and on dam Skuodas. With Lithuanian investors and suppliers of buildings have our company excellent cooperation experiences.

P & S, a joint stock company





• turbine VC 1220

• Installation of turbine VC 1220 in the HPP



• turbine VC 1220



• Rakiškis HPP – Lithuania



• HPP Kulšėnai - Lithuania



• turbine VC 1220



• Skleipei HPP – Lithuania



• Skleipei HPP - Lithuania



• Transport and installation of turbines for HPP Gudaj – Lithuania



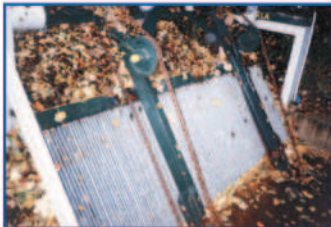
• Užpaljaj HPP – Lithuania



• HPP Ukrai - Lithuania



• turbine Sigma 750



• Cleaning machines with mechanical and hydraulic drive



• Spillover small hydropower plant



• Floating power plants with turbines Sigma 750 and Banki 600/1200



• Packaged weir gate



• Supported weir gate



• Turning Bridge