

## Small Water Power Plant Litoměřice



**Characteristics:**

SWPP Litoměřice is designed as an unmanned power plant on the Elbe River without an overflow upstream construction, secure against floods of Q2002, and with an expected average annual production of el. energy of 32 GWh.

**Parameters:**

SWPP is designed for a max. usable flow of turbines is  $Q_{Tmax.} = 2 \times 170 = 340 \text{ m}^3 / \text{s}$ .  
 The station is equipped with two Kaplan turbines  
 PIT type with the impeller diameter of  $D = 5.10 \text{ m}$ .  
 $H_n = 2.6 \text{ m}$ , maximum output of one turbine  $P_T = 3.6 \text{ MW}$ . Max. capacity of SWPP is approximately  $P_e = 5.5 \text{ MW}$

**Commissioning:**

12/2012

**Locality:**

“České Kopisty”

**State:**

Czech Republic

**Investor:**

“Dolnolabské elektrárny a.s.  
 Náměstí Míru 62/39  
 568 02 Svitavy”

**Activities:**

Documentation for Land Use Permit  
 Documentation for Building Permit  
 Construction Documentation  
 As-Built Documentation

**Construction cost:**

1030 NCZK VAT inclusive

**Supplier:**

“Metrostav a.s.  
 Divize 6  
 Koželužská 2246  
 180 00 Praha 8”

**Contact persons:**

Eng. Oldřich Neumayer, CSc.  
 Division Director – Hydroengineering II.  
 e-mail: [oldrich.neumayer@aquatis.cz](mailto:oldrich.neumayer@aquatis.cz)  
 Eng. Tomáš Roth  
 E-mail: [tomas.roth@aquatis.cz](mailto:tomas.roth@aquatis.cz)

**AQUATIS a.s.**

Botanická 834/56, 602 00 Brno, Česká republika  
 Tel.: +420 541 554 111, Fax: +420 541 211 205  
 E-mail: [info@aquatis.cz](mailto:info@aquatis.cz), [www.aquatis.cz](http://www.aquatis.cz)