

## Upper Kaleköy – Dam and Hydroelectric Power Plant



**Characteristics:**

Dam with a Hydroelectric Power Plant on the River Murat in the Turkish province of Bingöl is located in the eastern part of Asia Minor, in the Region of Eastern Anatolia.

**Parameters:**

Type of dam: roller-compacted-concrete (RCC) gravity dam  
 Height of the dam 150 m  
 Penstocks diameter 6.4 m  
 Total proposed flow  
 - 568.2 m<sup>3</sup> / s  
 The water head 120 m  
 3 + 1 Francis turbines  
 Installed capacity 600 MW  
 Annual energy output  
 1372 GWh

**Locality:**

Upper Kaleköy

**State:**

Turkey

**Investor:**

Kalehan Enerji Üretim ve Ticaret a.s.

**Activities:**

Project documentation  
 - Reinforcement drawings of structures  
 - Waste trough from the turbines.  
 - Transfer Block  
 - Mounting Block 1 and 2

**Value of the Order:**

Approx. 160 000,- Euro

**Chief Designer:**

Pöyry Energy GmbH Wien  
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