

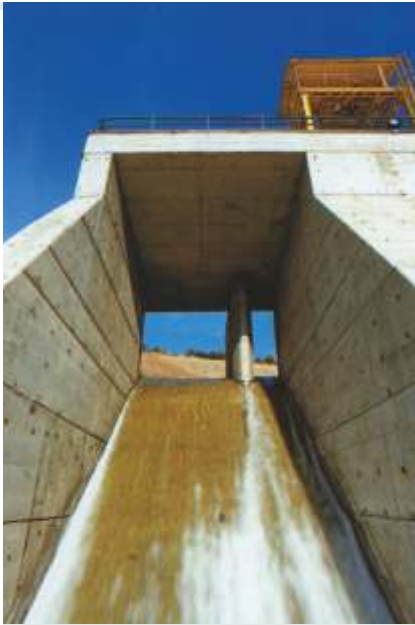


## BEYKÖY HEPP AND TRANSMISSION CHANNEL CONSTRUCTION



Central Anatolia Region  
Sakarya River - Yenice Dam





<b>Employer</b>	: GENERAL DIRECTORATE OF STATE HYDRAULIC WORKS (DSI)
<b>Contract date</b>	: 26.01.1987
<b>Work completion date</b>	: 07.07.1998
<b>Project cost</b>	: 25 922 182 000,00 TL (1986 unit prices) [45 167 247.40 US \$]

Within this project, a HEPP building and 14 438 m long headrace tunnel, taking 85 m<sup>3</sup>/day water from the tail water of Yenice Dam, located on Sakarya river, were constructed and the plant will generate 140 000 000 kWh/year power.

*The performed works are;*

Conduit	: Total 3047 m long and 3.70 m inner radius
Headrace Tunnel	: Total 236 m long and 3.70 m inner radius
Open Channel	: Paved trapezoidal 10 305 m long, 7.00 m wide, 4.20 high channel
Power Plant	: Forebay, penstocks and power plant with 3 units and total 15 MW installed power, water intake structure, spillway, water channel excavation works were performed and its mechanical equipments were completed.



AYDINER