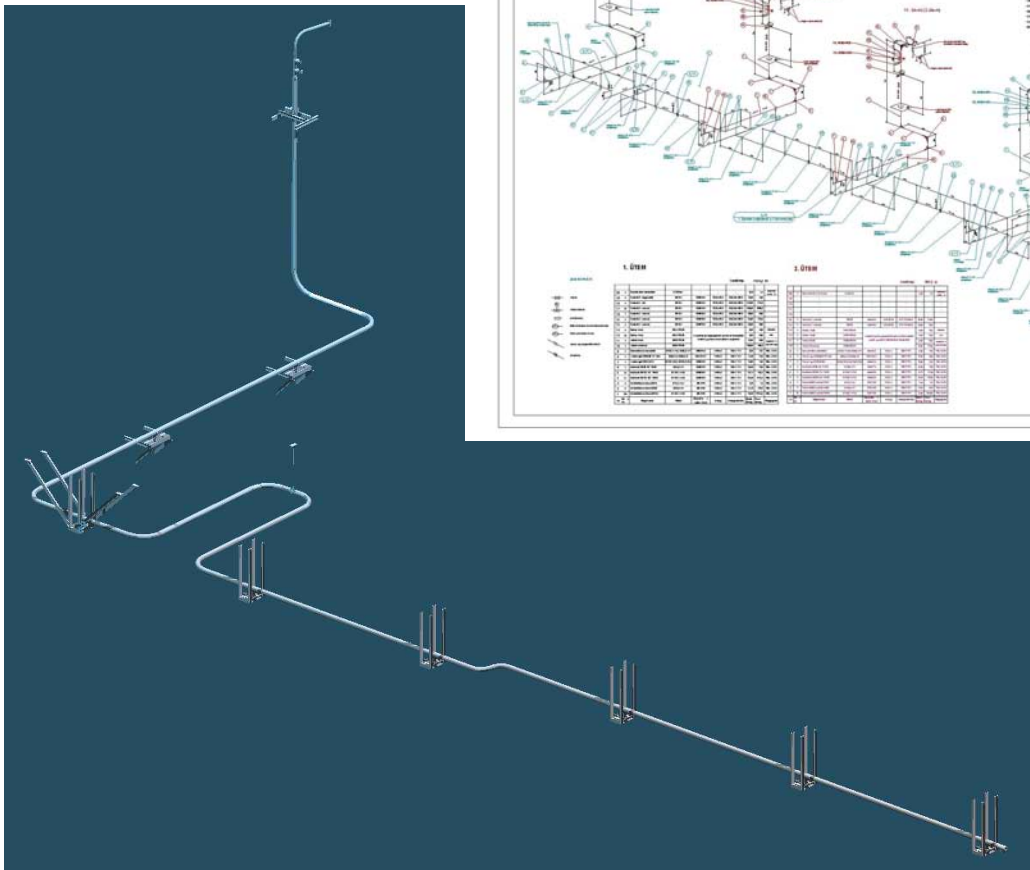


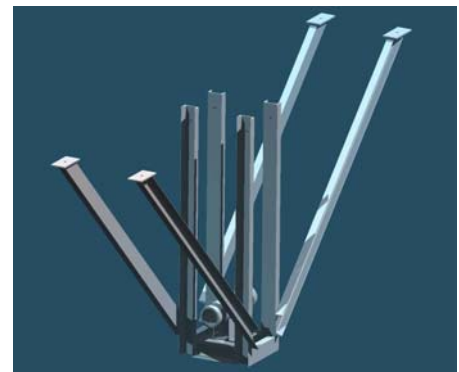
# Project Information

District water auxiliary-rail in Dunamenti Power Plant at block F



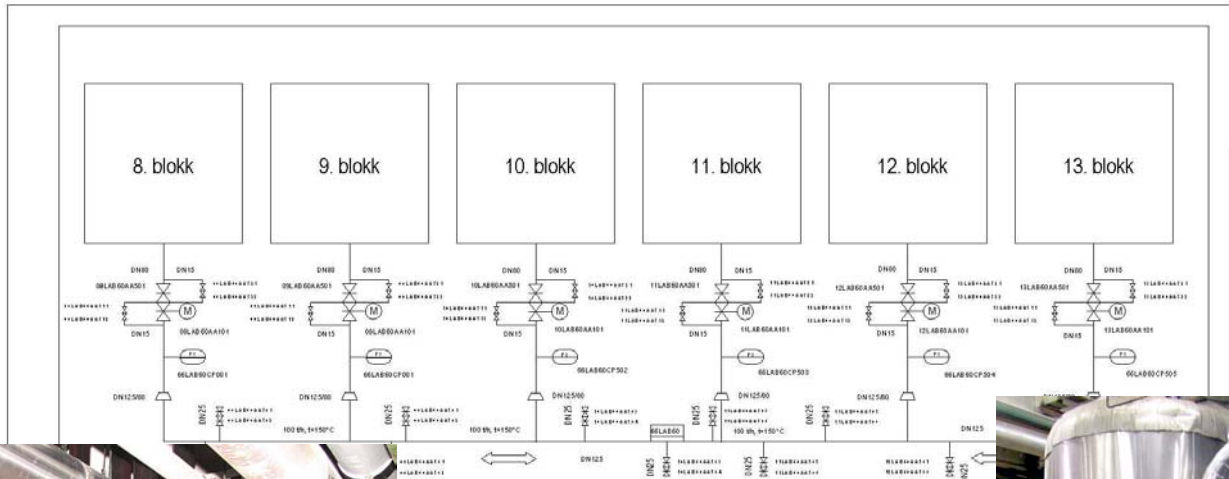
**The task:** Connecting the district water systems in the Dunamenti Power Plant at block F.

**The content:** The full range of designing and constructing the connection of district water systems at the 6 pieces of F blocks in two steps (2001, 2002).



**Customer:** Dunamenti Erőmű Rt.  
**Incoming:** HUF 55 M  
**Date of the project:** 2001 (1. step), 2002 (2. step)  
**Scope of supply:** detailed designing, manufacturing, delivering, site installation, commissioning

**Main diagramm:**



Fax: **(36-1)-350-1063**  
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**Description:** The technological system called district water auxiliary-rail is connecting the 6 pcs 215 MW<sub>e</sub> blocks of the Dunamenti Power plant F-section. The designing datas of the technological system are the follows: **p<sub>t</sub> = 250 bar**, **T<sub>t</sub> = 150 °C**, the lengs of the route is more than 500 m. The strength calculation of the pipeline was carried out by 3-dimension finite element analysis (CAEPIPE), the mechanical designs were completed by parametric design system (Solid Edge). The auxiliary-rail makes it possible to give 100 t/h massflow between the district water blocks at start-up or partial load operation.

**Kraftszer Kft.**  
 Member of the GAH-concern  
 1139 Budapest Pap Károly u. 4-6.  
 Phone no.: **(36-1)-465-7031**  
 Fax no.: **(36-1)-350-1063**  
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