

HEC LEKAJ - SUMMARY

Installed Capacity (Power): 18MW
Annual production: 82,271,899 kWh
Net Fall: 127,366 m
Calculation flow: 16.4 m³ / sec
Working Hours: 4571 hours / year

HEC LEKAJ

Derivation channel:

- Position: On the right side
- Dimensions: 4.00 m x 1.87 m
- Channel length: 150 m
- Slope: 0.001

Tunnel:

- Position: On the right side
- Dimensions: 4.00 m x 1.87 m
- Tunnel length: 4450 m
- Depth: 0.001

Turbine Piping:

- Position: On the right side
- Diameters: 1.92 m
- Length: 550 m
- Thickness : 10 mm

Pressure Basin:

- Water level: 480.30 m

Central Unit Building:

- Water level at the exit channel: 350 m
 - Calculation flow: 16.4 m³ / sec
 - Installed Capacity (Power): 18 MW
 - Turbines: Vertical Axis Brake 3 x 6.0 MW
 - Gross Fall: 130.3 m
 - Net Fall: 127,366 m
 - Turbine yield: 0.94
 - Annual production: 82,271,899 kWh
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- Hydropower Cost: 18,038,193 €