

HEC Vajvisht- SUMMARY

- Installed Capacity (Power): 57.9 MW
- Annual production: 204,571,253 kWh
- Net Fall: 125 m
- Calculation flow: 47.5 m³ / sec
- Working hours: 3533 hours / year

HEC VAJVISHT

The derivation tunnel:

- Position: On the left side
- Diameter: 6.0 m
- Length: 610 m
- Flow rate: 337 m³ / sec

Discharger:

- Position: On the left side
- Gate's Dimensions: 8m x 8m (3 gates)
- Length: 350 m
- Flow rate: 1325 m³ / sec

Pressure Tunnel:

- Position: On the left side
- Diameter: 6.0 m
- Length: 620 m
- Calculating flow: 47.5 m³ / sec

Central Unit Building:

- Water level at exit channel: 175 m
- Calculating flow: 47.5m³ / sec
- Installed Capacity (Power): 57.9 MW
- Turbines: Vertical Axis Brake
2 x 27.5 MW + 1 x 2.9 MW
- Gross Fall: 125 m
- Net Fall : 124.22 m
- Turbine yield: 0.92
- Annual production: 204,571,253.56 kWh

- **Hydropower Cost:** 59,042,808 €