

HEC BREG-LUMI – SUMMARY

- Installed Capacity (Power): 7.55 MW
- Annual production: 34,622,479.11 kWh
- Net Fall: 44.95 m
- Calculation flow: 19.5 m³ / sec
- Working hours: 4586 hours / year

HEC BREG-LUMI

Derivation channel:

- Position: On the right side
- Dimensions: 4.20 m x 2.55 m
- Channel length: 80 m
- Slope: 0.001

Tunnel:

- Position: On the right side
- Dimensions: 4.20 m x 2.02 m
- Tunnel length: 2750 m
- Slope: 0.001

Turbine Piping:

- Position: On the right side
- Diameter: 2.02 m
- Length: 150 m
- Thickness: 10 mm

Pressure Basin:

- Water level: 346.17 m

Central Unit Building:

- Water level at the exit channel: 300 m
- Calculation flow: 19.5 m³ / sec
- Installed Capacity (Power): 7.55 MW
- Turbines: Vertical Axis Brake
2 x 2.5 MW + 1x2.55 MW

Gross Fall: 46.17 m

- Net Fall: 44.95 m
- Turbine yields: 0.94
- Annual production: 34,622,479.11 kWh

- **Hydropower Cost:** 7,863,570 €