

Sebari Small Hydel Project (2x500 KW)

SALIENT FEATURES

- 1.01 Sone canal system is one of the oldest canal systems in the country. It is in operation since 1874.
- 1.02 The Sebari H.E. Project envisages to utilize the existing fall of 3.20 meter on Arrah Branch Canal at 27.4 Km. main Canal for generation of Hydro Electric Power.
- 1.03 Location : Block – Nasriganj, Distt. – Rohtas (Sasaram)
1. Catchment area of Sone river at the barrage : 69000 sq. km.
2. Water Conductor System
 - (a) Power Channel : 160 M,
 - (b) Tailrace Channel : 190 M,
3. Power House
 - (a) Installed capacity : 2x500 KW.
 - (b) Design Head : 4.50 M
 - (c) Design Discharge : 25.80 Cumecs.
 - (d) Annual Energy generation : 7.50 GWH
4. Turbine(s) : Semi Kaplan, Vertical turbine.
5. Generator (s) : Synchronous Brushless, electronic Governor,
