

Agnoor Small Hydel Project (2 x 500 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 Agnoor H.E. Project envisages to utilize the existing fall of 3.37 meter on Patna Branch Canal at km 41.92 (near its confluence with Sone Eastern) Main Canal for generation of Hydro Electric Power.
- 1.03 Location : Block –Kaler, Distt. Arwal
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1. Catchment area of Sone river at the Barrage : 69000 sq. km.
2. Water Conductor System
- (a) Power Channel : 243.00 M.
- (b) Tailrace Channel : 42.00 M
3. Power House
- (a) Installed capacity : 2 x 500 KW.
- (b) Design Head : 3.37 Meters
- (c) Design discharge : 41.4 cumecs
- (d) Annual Energy Generation : 5.3 GWH.
4. Turbine(s) : S-Tubular, Horizontal Shaft
5. Generator (s) : Synchronous generators 2Nos., 500 KW 0.9 p.f., 415 V. with 10% continuous overload.
