

Tejpura Small Hydel Project (2x750 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 Tejpura 5th project envisages to utilize the existing fall of 4.25 M on Patna Branch Canal at 23.34 K.M. Main Canal for generation of Hydro Electric Power.
- 1.03 Location : Block – Obra, Distt. – Aurangabad.

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| 1. | Catchment area of Sone river at the barrage | : | 69000 sq. km. |
| 2. | Water Conductor System | | |
| | (a) Power Channel | : | 87.790 meters |
| | (b) Tail Race Channel | : | 84.33 meters |
| 3. | Power House | | |
| | (a) Installed Capacity | : | 2 x 750 KW. |
| | (b) Head | : | 4.25 m |
| | (c) Design Discharge | : | 41.0 Cumecs. |
| | (d) Annual energy Discharge | : | 11.27 GWH |
| 4. | Turbine(s) | : | Semi Kaplan Syphon Intake, vertical Turbine. |
| 5. | Generation | : | Synchronous, Brushless, Electronic Governor vertical generator |
