

## **Abstract**

A Survey to Find the Optimum Potentials In 5 Stations In kohkiluye-Boyer Ahmad To Erect Hydropowers. Firstly, a station was peaked out throughout 5 stations (potential heads) on Seris river in Shahid Abad, considering the available potential head, discharge, and doability of the project, then the turbine type and penstock were designed for base flow for net available potential head and benefit-cost ratio analysis basis, and six peak flow conditions were also considered and discussed. Finally, the forebay and downstream transmittion channels were designed for the final case.

**Keywords:** Electricity, Hydropower, Turbine, Economic Comparing.



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