**Nilgiri Hydro Power**

The Nilgiri hydropower project is actually a complex of two run-of-river hydropower projects, Nilgiri Khola-I and Nilgiri Khola-II, located on the Nilgiri river in Myagdi, Nepal. The projects, with a combined capacity of 113 MW, are operated by [Nilgiri Khola Hydropower Company Limited](https://www.google.com/search?sca_esv=e29194d70e62ae1b&rlz=1C1GCEU_enNP1148NP1148&cs=0&sxsrf=AE3TifM5qz7e0Rqfxt2mqySeuZMcuzjkyw%3A1753955259753&q=Nilgiri+Khola+Hydropower+Company+Limited&sa=X&ved=2ahUKEwirzK_B6OaOAxXA2TgGHRCrIskQxccNegQIAxAB&mstk=AUtExfCiPyxWQaHaX5SOrMp4V8LTVYoSgq0_xTiN_XS6fMSGa8uGmvgQ6VieXShUvDzk2LOoGBrmOlz6QOEcGV4AttktGkfvHO9vEoObzio8kid4r6hSlWQDEIrE9FyKhGVuKKjF48DdHi9pcjQEp83tUAKECWCaAQg4Sbq1FCRQ_7hAgS7leBTFYmw3JblhqsvA1qxj3Te86aHR1IAO9ChCq31RfCNxJnbzz0-nItxQEFCF_HRmXocBm_uP1aTNB3l0sD7Ul2U8Cd9B0Z4hQD0m5dNQ&csui=3" \t "_blank). The project is notable for its relatively low cost per MW compared to other projects in Nepal and have been connected to national grid since 2024.

**Involvement**

* Involved in planning, installation, and testing of HM equipment and steel structures as per drawings and technical specifications.
* Executed planning and supervision of gantry and hoisting structure installations for Vertical Pressure Shaft systems.
* Collaborated with technical teams to resolve complex on-site issues during the testing phase of HM components.
* Handled site mobilization, coordination, and execution of project activities, including issue resolution with stakeholders.
* Supervised subcontractors for HM installation and fabrication work, ensuring quality standards and NDT compliance.
* Prepared and reviewed technical documents and inspection reports for installed components.
* Maintained proper documentation, manuals, and records related to installation, testing, and commissioning.
* Regularly monitored project progress, delays, and quality benchmarks against planned schedules.

**Software Used**

* **AutoCAD** – For reviewing fabrication and installation drawings
* **MS Excel, Word, PowerPoint** – For reporting, scheduling, documentation, and planning