



D KARKUN

Consultant

Energy Infratech Private Limited

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PROFILE

He has professional experience of more than 45 years in the field of Hydropower and river valley projects development. His association with project planning and design has been for more than 35 years. Besides he has experience in construction-planning & supervision of large hydropower structures for about 7 years which includes Concrete & masonry dams, concrete lined hydraulic tunnels, barrage on alluvial soil, Power House etc. He has also acquired expertise on topographic surveys and instrumentation system for hydropower projects during his association in NHPC as head of 'projects investigation group' for about 3 years.

Mr. Karkun is associated with the company since 1st January 2016.

Professional Highlights

During his service he was associated with following important projects/works.

1. While M.P.Govt. Irrigation Dept. he designed many irrigation structures viz. irrigation head works, canals, cross drainage structures, bridges, falls etc. (Initial 5.5 Years)
2. While with Farraka Barrage Authority, he planned & designed many large hydraulic structure viz. barrage, navigation lock, jetties, ware house etc. (Next 5 years).
3. Construction of 75m high mass concrete Dam (Totladoh in Maharashtra). (Next 3 years)
4. Design of 141m high Camera Dam(concrete arch gravity dam) from tender stage to final finishing stage; checking, vetting, approval of design- drawings of 390 MW Dulhasti HP project (project was designed by Coyne-et-Belly of France under EPC contract): Detailed construction stage design of 60MW Kurichu HP in Bhutan, Planning & detailed design of 5.25MW Kalpong HP project in Andaman. Headed the design teams for detailed planning and design of 3000MW Dibang HE project, 2000MW Subansiri Project, 900MW Pārbati II Project and many other projects while in serving in NHPC from July 1984 to Oct.2009.
5. Construction of 480MW Uri HP Project. (4 Years in NHPC).



6. Survey and Investigation of Hydropower Projects. (3 Years in NHPC)
7. DPR stage Planning & Design of 1500MW Lower Karnali HPP and 600MW Upper Marsyangdi HPP both in Nepal; Detailed construction stage Planning & Design of 180MW Bajoli-Holi HPP; DPR stage planning & design of 300MW Alakhnanda HPP and 225MW Talong HPP. (6Yrs in GMR Consultancy)
8. Detailed Design checking/vetting/approval of 600MW Karuma HPP & 183MW Isimba HPP in Uganda. Pre-Feasibility study/report of Kiba HPP in Uganda. (in EIPL)
9. Rendered consultancy services to 412MW Rampur HPP of SJVNL to resolve construction and design challenges in personal capacity during its construction in year 2012-2013.

Educational Qualification

1. Bachelor of Engineering (Civil) – 1971 from NIT Raipur.
2. M.Tech.(Water Resources) – 1990 from IIT Delhi.

Professional Membership

1. Life Member of Indian Society of Rock Mechanics and Tunnel Technology. (ISMRTT)
2. Fellow member of Institute of Engineers (India). (F - 1218332)