

Halaipani Hydro Project P Ltd

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HHPPL/169/22

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JUSTIFICATION FOR LOCATING THE PROJECT IN FOREST AREA

Halaipani HEP 16 MW is an old project which was initially constructed by the DHPD, Government of Arunachal Pradesh. The excavation for the water conductor system was already done and some construction work was also executed earlier. But, due to the flood of 2013 the construction of the project stopped.

Halaipani hydro Electric Project (16 MW) was proposed to be developed in River Halai near Hailuyang of Teju Forest Division in Anjaw District of Arunachal Pradesh. Halaipani HEP (16 MW) is located in Anjaw District of Arunachal Pradesh at latitude 27° 58' 40.75" N and longitude 96° 43' 10.98" E on Halai River. The project envisages utilization of water of Halai River, a tributary of Lohit River. The project is under the 'run-of-river' scheme that relies on the strength of the river's flow to drive turbines. To provide significant amounts of electricity in this way requires a fast-flowing river, usually found in steep terrain or where a large stream is confined in a narrow bed. The various infrastructure facilities like Barrage Site, Feeder Channel, Desilting Tank, Power Channel, Forebay Tank, Penstock, Power House, Switchyard and approach road and dumping area are located in the proposed forest area. With a view to minimizing the requirement of forest land, only bare minimum area **4.75 Ha.**, forest land has been earmarked for the project ensuring minimum damages to the forest and forest cover.

Yours faithfully,

V K Seth

General Manager (Projects)