

CHATHAMALA MHP

(Based on available data, subject to change)

Present Status of the Project:	DPR Ready/ Detailed Investigation completed/Preliminary Investigation completed/Feasibility study conducted	DPR
River basin	Valapattanam basin	
District	Kannur	
Access to site	About 55 km from Kannur	
Latitude / Longitude (near)	12°08'53.0" N / 75°33'57.0" E	
Nearest KSEB investigation field office	Investigation Field Division, Padinjarathara Investigation Circle, North, Vyduthi Bhavanam, Thrissur	

Main project components viz.

a. Dam/ weir with dimensions (approx)	Diversion weir 41m long and 5m height.
b. Water conductor system with dimensions (approx)	Power channel 720m long bottom width – 40cm and depth – 2.0m, side slope 1:1, circular forebay, 10m dia. Penstock 1 no. –127m length, 0.8m dia., feeder pipes – 2nos. 0.7m dia. 10m length
c. Power house with No. of machines and capacity	1MW (2 x 500kw) 2 nos.
d. Annual average generation potential	2.08Mu
e. Evacuation details	Alignment of transmission line will be surveyed and finalized by KSEB at the cost of the developer. Evacuation Scheme shall be prepared by developer and get it approved from KSEB.11kv line 3 km from the project site, (tentative).
f. Design Head	63m
Land particulars(excluding right of way for transmission line)	
a. Extent of Forest land required (approx)	Nil
b. Extent of Private land required (approx)	3Ha
c. Extent of Government land required (approx)	
Particulars of any upstream/ downstream structures from the proposed scheme (existing / proposed)	
Rehabilitation / resettlement issues, if any, with details	Approx. 5 families