

MADATHARUVI MHP (BASED ON AVAILABLE DATA)

(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	Madatharuvi valiathodu, Pamba river basin	
District	Pathanamthitta	
Access to site	About 6km from Ranny towards North	
Latitude / Longitude (near)	9°25'00" N / 76°48'31" E	
Nearest KSEB investigation field office	NA	

Main project components viz.

a. Dam/ weir with dimensions (approx)	Concrete gravity ungated type weir 41.65m long and 6m height.
b. Water conductor system with dimensions (approx)	Tail race channel 10m length (approx), 2.9m height, 1.1m bed width, bed slope 1:1500, 1.2m dia. Penstock 1 no. –121.68m length.
c. Power house with No. of machines and capacity	1MW
d. Annual average generation potential	2.15Mu
e. Evacuation details	Power generated will be transmitted through 11 KV line for 6km length
f. Design Head	37.86m
Land particulars(excluding right of way for transmission line)	
a. Extent of Forest land required (approx)	Nil
b. Extent of Private land required (approx)	1.76Ha
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	
Litigations or any other issues including previous agreements etc.	