

STATUS OF SURVEY & INVESTIGATION OF HE SCHEMES

PART-I

NAME OF SCHEME

UMNGOT HEP

STORAGE, 210 (MW)

GENERAL INFORMATION

- 1 State : Meghalaya Dam Type : Concrete Gravity
2 Location : East Khasi Hills Height : 111 m
a). Latitude of Dam : 25°- 21'-38" Power House : Surface
b). Longitude of Dam : 92°- 6' -45"

GENERAL LAYOUT/INDEX MAP MAY PLEASE BE FURNISHED

- 3 District : East Khasi Hills
4 Nearest G&D Site : Dam Site
5 Catchment Area near G&D Site : 304.00Sq/Km
6 Status of availability of G&D Site : In progress
7 Basin/River : Umngot
8 Catchment Area (Sq.Km) : 304.00Sq.Km
9 Type of Scheme (ROR/Storage/PSS) : Storage
10 Firm Power (MWc) : 27 MW (Tentative)
11 Annual Energy Benefits (GWh) : 717.29 Kwh (Tentative)
12 Inter State Aspects : Does not arise
13 International Aspects : Under Process
14 Defence aspects : Under Process
15 R&R Aspects : Marginal cultivable lands
16 Forest area involved : Marginal
17 Geological problems anticipated, if any : No
18 Accessibility-Nearest Rail head/Road : Guwahati (103Km from Shillong).
19 Upstreams Schemes, if any : NIL
20 Downstream Scheme, if any : No

PROJECTS FEATURES

- 21 Type of Diversion Structure : Concrete
a) Height(m) : 111.00m
b) FRL (m) : 1040.00m
c) MDDL (m) : 1010.6m
d) Live Storage (Mcum) : 48.90 Mcum

22 Water Conductor System
a) Type : Modified Horse Shoe
b) Length : 5646.00m
c) Diameter : 3.40m

23 Power House
a) Type : Surface
b) No. of units : 3
c) Head (m) : 808.60m (Gross Head)
24 Tail Race Water Conductor System
a) Type : D-Shaped
b) Length(m) : 41.00 m
c) Size : 3.78 m (Dia)
d) TWL (m) : 231.40 m

Please give brief details about the HE Scheme and enclosed a layout map

Name:

Designation:

Telephone No:

Fax No:

(Signature)

**STATUS OF SURVEY & INVESTIGATION OF HE SCHEMES
PART-II**

Quarter Ending: June, 2021

NAME OF SCHEME		UMNGOT HEP		210 (MW)
1	Date of Commencement of S&I	:2001-2002		
2	Likely date of completion of S&I	:Completed		
	Likely date of completion of DPR	: Completed		
3				
4	Estimated cost of S&I/DPR and Phasing of Expenditure	: 430.78 lakhs; Revised Estimate: 835.00 Lakhs		
5	Agency of Investigation (in case of Pvt.Agency, Name, Designation, complete address, telephone No. & Fax No.is to be indicated)	: Executive Engineer, Investigation Div-1, Me.PGCL, Umiam		
6	Details of Physical Progress	Quantity Done	Quantity to be done	
a)	Tracer Path & Approaches	: Completed		
b)	Roads	: To be taken up		
c)	Construction of Temp. Building	: Completed		
d)	Purchase of Special T&P	: Completed		
e)	Topographic Survey/Investigation	: Completed		
f)	Const.. Material (Survey/Testing)	: Completed		
g)	Hydrological observation/	: Completed		
h)	Meteorological	: Completed		
i)	Environmental Surveys	: Completed		
j)	Programme of works during the year	-		
k)	Overall progress of works			
l)	Geological and foundation investigation & in case it is not possible to give tentative quantity , it should be given as percentage Financial progress	:		
7	Estimate cost of Survey & Investigation with price level year	: 435.00 Lakhs		
8	Expenditure incurred upto March, 2021	: 1043.477	Lakhs	(Expenditure for works only) Since NEC sanction i.e (Oct 06 - March, 21 = 541.006 lakhs)
9	Expenditure incurred upto June 2021	: 1056.125	Lakhs	Till June, 2021 = 553.654 lakhs)
10	Budget Estimate yyyy-yy			
11	Revused Estimate yyyy-yy			
12	Budget Estimate yyyy-yy			

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