

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

**NAME OF SCHEME  
GENERAL INFORMATION**

**UMNGOT HEP**

**STORAGE, 210 (MW)**

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	: Will take after DPR clearance
15	R&R Aspects	: Does not arise
16	Forest area involved	: Marginal
17	Geological problems anticipated, if any	: Will taken into account
18	Accessibility-Nearest Rail head/Road	: Guwahati (103Km from Shillong).
19	Upstreams Schemes. if any	: NIL
20	Downstream Scheme, if any	: NIL

**PROJECTS FEATURES**

21	Type of Diversion Structure	: Concrete
a)	Height(m)	: 111.00m
b)	FRL (m)	: 1040.00m
c)	MDDL (m)	: 1010 m
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)	: 808.60 m (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

Name:

Designation:

Telephone No:

Fax No:

(Signature)

**Executive Engineer(C)**  
**Investigation Division-1**  
**Me. PGCI, Imiam**



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

**Quarter Ending: December 2023  
210 (MW)**

**NAME OF SCHEME**

**UMNGOT HEP**


- |    |  |   |                     |
|----|--|---|---------------------|
| 1  | Date of Commencement of S&I  | :2001-2002  |                     |
| 2  | Likely date of completion of S&I   | June 2024   |                     |
| 3  | Likely date of completion of DPR   | : DPR submitted but was returned and all partial clearance issued till date are rescinded by CEA, New Delhi. Hydrology Chapter was submitted and approved by CWC, New Delhi. Power Potential study is in progress |                     |
| 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-I, 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/  | : In progress   |                     |
| h) | Meteorological   | : In progress   |                     |
| i) | Environmental Surveys  | : In progress   |                     |
| j) | Programme of works during the year   | :To submit other chapters for approval.   |                     |
| k) | Overall progress of works  | : 99.83%  |                     |
| l) | Geological and foundation investigation & in case it is not possible to give tentative quantity , it should be given as percentage | : Sub-surface exploration for a very small additional items as recommended by GSI (DPR cell Delhi) will be taken up during pre-construction. (98 % completed)   |                     |
| 7  | Estimate cost of Survey & Investigation with price level year  | : 835.00 Lakhs  |                     |
| 8  | Budget Estimate yyyy-yy  |   |                     |
| 9  | Revised Estimate yyyy-yy   |   |                     |
| 10 | Budget Estimate yyyy-yy  |   |                     |

Telephone No. ....Code No.....  
Fax No..... Code No.....

(Signature)

Name

Designation

  
**Executive Engineer(C)**  
**Investigation Division-1**  
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