

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 : 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

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

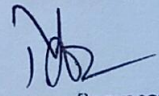
Name:

Designation:

Telephone No:

Fax No:

(Signature)


Executive Engineer (C)
Investigation Division-I
Me PGCL Umiam

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

Quarter Ending: March , 2022
210 (MW)

NAME OF SCHEME

UMNGOT HEP

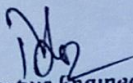
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|----|--|---|
| 1 | Date of Commencement of S&I | :2001-2002 |
| 2 | Likely date of completion of S&I | :Completed. |
| | Likely date of completion of DPR | : DPR submitted but was returned and all partial clearance issued till date are rescinded by CEA, New Delhi. Hydrology Chapter was submitted and approved by CWC, New Delhi |
| 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/ | : In progress |
| h) | Meteorological | : In progress |
| i) | Environmental Surveys | : In progress |
| j) | Programme of works during the year | :To submit other chapter after approval of Hydrology chapter by CWC, New Delhi. |
| 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) |
| | Financial progress | |
| 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

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