

STATUS OF SURVEY & INVESTIGATION OF HEP SCHEMES

PART-I

NAME OF SCHEME	UMNGOT HEP	ROR/STORAGE, 210 (MW)
GENERAL INFORMATION		
1 State	Meghalaya	
2 Location	East Khasi Hills	Dam
a) Latitude of Dam		Type Height Power House...Surface/UG : 25 ⁰ - 21' - 38"
b) Longitude of Dam		:92 ⁰ -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		:
7 Basin/River		:Umngot
8 Catchment Area (Sq.Km)		:304.00Sq.Km
9 Type of Scheme (ROR/Storage/PSS)		:Storage
10 Firm Power (MWc)		:34.05MW (tentative)
11 Annual Energy Benefits (GWh)		:856.35 MKwh (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		: Umngot Stage-II H.E.P(Proposed)
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)		: 41.34 Mcum
22 Water Conductor System		
a) Type		: Modified horse shoe
b) Length		: 5588.00m
c) Diameter		: 3.60m
23 Power House		
a Type		: Surface
b No. of units		: 3
c Head (m)		: 808.60m
24 Tail Race Water Conductor System		
a Type		
b Length(m)		
c Size		
d TWL (m)		210.00m

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: March 2020

NAME OF SCHEME

UMNGOT HEP

210 (MW)

- | | |
|--|---|
| 1 Date of Commencement of S&I | : 2001-2002 |
| 2 Date of completion of S&I | :Completed (S&I additional work has been suggested by CWC,CEA, New Delhi and likely to be completed by 2018) |
| 3 Likely date of completion of DPR | : 2020 to be completed |
| 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.P.G.C.L, 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 | : DPR submitted (additional S&I work is suggested by CWC, CEA, New-Delhi) |
| k) Overall progress of works | 99.80% |
| l) Geological and foundation investigation @ in case it is not possible to give tentative quantity , it should be given as percentage Financial progress | : Sub-surface exploration in progress for additional items as recommended by GSI (DPR cell Delhi). Further sub- surface investigation will be taken up on recommendation by the DPR panel |
| 7 Estimate cost of Survey & Investigation with price level year | : 835.00 Lakhs |
| 8 Expenditure incurred upto Dec 2019 | : 1019.654 lakhs (expenditure for works only)
Since NEC Sanction i.e (Oct 06 - Dec 19= 517.183) |
| 9 Expenditure incurred upto March 2020 | : 1019.654 lakhs (till March ,2020= 517.183)
Remark no expenditure incurred during this Quarter. |
| 10 Budget Estimate yyyy-yy | |
| 11 Revised Estimate yyyy-yy | |
| 12 Budget Estimate yyyy-yy | |

Telephone No.Code No.....

(Signature)

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

Name

Designation

