

STATUS OF SURVEY & INVESTIGATION OF HE SCHEMES

PART-I

NAME OF SCHEME UMNGOT HEP ROR/STORAGE, 210 (MW)

GENERAL INFORMATION

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

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 |
| 11 | Annual Energy Benefits (GWh) | | | :856.35 MKwh |
| 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) |

ITS 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: September, 2017
210 (MW)**

NAME OF SCHEME

UMNGOT HEP

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	: 2010 completed	
4	Estimated cost of S&I/DPR and Phasing of Expenditure	: 430.78 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.E.C.L, Umiam	
6	Details of Physical Progress @		Quantity Done Quantity to be done
a)	Tracer Path & Approaches	: Completed	
b)	Roads	: Nil	
c)	Construction of Temp. Building	: Completed	
d)	Purchase of Special T&P	: Completed	
e)	Topographic Survey/Investigation	: Completed	
f)	Const.. Material (Survey/Testing)	:First test report received, another test to be carried out	
g)	Hydrological observation/	: In progress	
h)	Meteorological	: In progress	
i)	Environmental Surveys	: In progress	
j)	Programme of works during the year	: DPR submitted	
k)	Overall progress of works	99 % (additional S&I work is suggested by CWC, CEA, New Delhi after examination the submitted DPR.	
l)	Geological and foundation investigation @	: Sub-surface exploration in progres for additional items in case it is not possible to give tentative as recommended by GSI (DPR cell Delhi). quantity , it should be given as percentage Further sub- surface investigation will be taken up on Financial progress recommendation by the DPR panel	
7	Estimate cost of Survey & Investigation with price level year	: 430.78 Lakhs (2005 Price Level)	
8	Expenditure incurred upto June 2017	:719.467 Lakhs	
9	Expenditure incurred upto Sept, 2017	:749.770 lakhs (including TDS)	
		the amount indicated for this quarter ending September 2017 only works is included	
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

