

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
a) Latitude of Dam/ Power House		Type Height Power House...Surface/UG : 25 ⁰ - 21' - 38"
b) Longitude of Dam/Power House		: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: September, 2018
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	: 2019 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.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	99.5 % (additional S&I work is suggested by CWC, CEA, New Delhi, after examination the submitted DPR.	
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 progres 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	: 430.78 Lakhs (2005 Price Level)	
8 Expenditure incurred upto June, 2018	: 866.18 Lakhs	
9 Expenditure incurred upto Sept, 2018	: 926.77 lakhs (including TDS)	
	the amount indicated for this quarter ending Sept 2018 only works is included	
10 Budget Estimate yyyy-yy		
11 Revised Estimate yyyy-yy		
12 Budget Estimate yyyy-yy		

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

(Signature)

Name

Designation