

**STATUS OF SURVEY & INVESTIGATION OF HEP SCHEMES**

**PART-I**

<b>NAME OF SCHEME</b>	<b>UMNGOT HEP</b>	<b>ROR/STORAGE, 210 (MW)</b>
<b>GENERAL INFORMATION</b>		
1 State	Meghalaya	
2 Location	East Khasi Hills	Dam Type Height Power House...Surface/UG
a) Latitude of Dam		: 25° - 21' - 38"
b) Longitude of Dam		: 92° -6' -45"
<b>GENERAL LAYOUT/INDEX MAP MAY PLEASE BE FURNISHED</b>		
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)
<b>PROJECTS FEATURES</b>		
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**

<b>NAME OF SCHEME</b>	<b>UMNGOT HEP</b>	<b>Quarter Ending: June 2020 210 (MW)</b>
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 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		: 835.00 Lakhs
8 Expenditure incurred upto March 2020		: <b>1020.326</b> lakhs (expenditure for works only) <b>Since NEC Sanction i.e (Oct 06 - March 20= 517.855)</b>
9 Expenditure incurred upto June 2020		: <b>1020.326</b> lakhs (till June ,2020= 519.085)
10 Budget Estimate yyyy-yy		
11 Revised Estimate yyyy-yy		
12 Budget Estimate yyyy-yy		

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(Signature)

Name

Designation