

**STATUS OF SURVEY & INVESTIGATION OF HE SCHEMES**

**PART-I**

**NAME OF SCHEME** Revised Umngi Storage (2x31MW)

**GENERAL INFORMATION**

- 1 State Meghalaya  
2 Location East Khasi Hills District Concrete Gravity, Height: 74m Power  
a). Latitude of Dam : 25°23' 15 N  
b). Longitude of Dam : 91° 32' 46" E

**GENERAL LAYOUT/INDEX MAP MAY PLEASE BE FURNISHED**

- 3 District : East & West Khasi Hills, Meghalaya  
4 Nearest G&D Site : Dam Site  
5 Catchment Area near G&D Site :191.00 Sq.Km  
6 Status of availability of G&D Site  
7 Basin/River : Umngi  
8 Catchment Area (Sq.Km) : 191.00 Sq.Km.  
9 Type of Scheme (ROR/Storage/PSS) : Storage  
10 Firm Power (MWc) : 10.124 MU  
11 Annual Energy Benefits (GWh)  
12 Inter State Aspects : Does not arise  
13 International Aspects : Do  
14 Defence aspects : Do  
15 R&R Aspects : Cultivable lands under the reservoir area.  
16 Forest area involved : Marginal  
17 Geological problems anticipated, if any : No  
18 Accessibility-Nearest Rail head/Road : Guwahati (103 KM from Shillong)  
and distance from the project  
19 Upstreams Schemes, if any : No  
20 Downstream Scheme, if any : Nongkohlait, Nongnam & Mawput HEP

**PROJECTS FEATURES**

- 21 Type of Diversion Structure : Concrete Gravity Dam.  
a) Height(m) :-45.0m  
b FRL (m) :1425.0  
c MDDL (m) :1401.0  
d Live Storage (Mcum) :51.78  
22 Water Conductor System  
a) Type : Modified Horse Shoe  
b) Length :4.125km  
c) Diameter :3.0m  
  
23 Power House  
a Type :surface  
b No. of units : 2  
c Head (m) :464.50(Rated)  
24 Tail Race Water Conductor System  
a Type : D- Shaped  
b Length(m)  
c Size  
d TWL (m) :900 m (net)

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

NAME OF SCHEME SURVEY & INVESTIGATION	Quarter Ending: June, 2020 Umngi Storage Stage-I, HEP (54MW)
1 Date of Commencement of S&I	: 2005-2006
2 Likely date of completion of S&I	: 2020
3 Likely date of completion of DPR	: 2020
4 Estimated cost of S&I/DPR and Phasing of Expenditure	: 500.00 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.CL, Umiam
6 Details of Physical Progress @	Quantity Done / Quantity to be done
a) Tracer Path & Approaches	: 87% completed / Nil
b) Roads	: Yet to be taken up
c) Construction of Temp. Building	: 91 % Completed / Nil
d) Purchase of Special T&P	
e) Topographic Survey/Investigation	: 95% Completed /87 % (New proposal)
f) Const.. Material (Survey/Testing)	: Yet to be taken up
g) Hydrological observation/	: In progress
h) Meteorological	: In progress
i) Environmental Surveys	: 10 %
j) Programme of works during the year	: Topographical Survey Sub-surface investigation & Hydrometeorological data collection,const. material.
k) Overall progress of works	: 83.5% Completed/30% (new proposal).
l) Geological and foundation investigation @ in case it is not possible to give tentative quantity , it should be given as percentage Financial progress	: 65 % Completed/30% (new proposal).
7 Estimate cost of Survey & Investigation with price level year	: 500.00 Lakhs
8 Expenditure incurred upto March, 2020	<b>216.033</b> lakhs (expenditure for works only) Since NEC Sanction i.e (Jan 14 - March 2020= 71.956)
9 Expenditure incurred upto June, 2020	<b>216.127</b> lakhs (till June 2020 = 72.050)
10 Budget Estimate yyyy-yy	
11 Revused Estimate yyyy-yy	
12 Budget Estimate yyyy-yy	

(Signature)

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

Name

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

Designation



