

**STATUS OF SURVEY & INVESTIGATION OF HE SCHEMES
PART-I**

NAME OF SCHEME	Revised Umngi Storage (2x31MW)	STORAGE, 62 (MW)
GENERAL INFORMATION		
1 State	: Meghalaya	Dam Type : Concrete Gravity
2 Location	: East Khasi Hills District	Height : 45.00 m
a). Latitude of Dam	25° 23' 15N	Power House : Surface
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	: In progress
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)	: -
11 Annual Energy Benefits (GWh)	: 276.42 MkWH
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	:Yet to be taken up
18 Accessibility-Nearest Rail head/Road and	: Guwahati (103 KM from Shillong)
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)	:45.00 m
b) FRL (m)	:1425.00
c) MDDL (m)	:1401.00
d) Live Storage (Mcum)	:51.78 Mcum.
22 Water Conductor System	
a) Type	:Modified Horse Shoe
b) Length	:4.125 Km
c) Diameter	:3.00 m
23 Power House	
a) Type	: Surface
b) No. of units	: 2
c) Head (m)	: 464.50m (Rated)
24 Tail Race Water Conductor System	
a) Type	:D- Shaped
b) Length(m)	: -
c) Size	: -
d) TWL (m)	:900 m (net)

Name:

Designation:

Telephone No:

Fax No:

(Signature)

**STATUS OF SURVEY & INVESTIGATION OF HE SCHEMES
PART-II**

NAME OF SCHEME SURVEY & INVESTIGATION	Quarter Ending: March 2023 Umngi Storage Stage-I, HEP (62 MW)	
1 Date of Commencement of S&I	:2005-2006	
2 Likely date of completion of S&I	:Report submitted to Higher Authority for submission to NEC	
3 Likely date of completion of DPR	:2024	
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.PGCL, Umiam	
6 Details of Physical Progress	Quantity Done	Quantity to be done
a) Tracer Path & Approaches	: 87% completed	: 13 %
b) Roads	: Yet to be taken up	
c) Construction of Temp. Building	: 91% Completed	: 8 %
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 works, Geological investigation & Hydrometeorological data collection, Environment Survey.	
k) Overall progress of works	:83.5% Completed/30% (New proposed)	
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 proposed)	
7 Estimate cost of Survey & Investigation with price level year	:500.00 Lakhs	
8 Budget Estimate yyyy-yy		
9 Revised Estimate yyyy-yy		
10 Budget Estimate yyyy-yy		

Telephone No.Code No.....

(Signature)

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

Name

Designation