

STATUS OF SURVEY & INVESTIGATION OF HE SCHEMES

PART-I

NAME OF SCHEME Revised Umngi Storage (2x31MW) **ROR/STORAGE, 54 (MW)**

GENERAL INFORMATION

- 1 State Meghalaya
- 2 Location East Khasi Hills District Dam Concrete Gravity, Height: 74m Power
- a). Latitude of Dam : 25°23' 15N
- 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 and distance from the project. : 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)

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: September, 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, telepone 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 / Nill	
b)	Roads	: Yet to be taken up	
c)	Construction of Temp. Building	:91% Completed / Nill	
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% 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	:65% Completed/30% (New proposed)	
	Financial progress		
7	Estimate cost of Survey & Investigation with price level year	:500.00 Lakhs	
8	Expenditure incurred upto June, 2020	: 216.127 Lakhs (Expenditure for works only)	
9	Expenditure incurred upto Sept., 2011	Since NEC sanction i.e (Oct 06 - June 20 = 72.050) : 217.758 Lakhs (Till Sept. 2020 = 73.681)	
10	Budget Estimate yyyy-yy		
11	Revused Estimate yyyy-yy		
12	Budget Estimate yyyy-yy		

Telephone No.Code No.....

(Signature)

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Name

Designation