

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/ Power House | | : 25°23' 15 N |
| b). Longitude of Dam/Power House | | : 91° 32' 46" E |

GENERAL LAYOUT/INDEX MAP MAY PLEASE BE FURNISHED

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|---|--|--|
| 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) | | :45.0m |
| 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, 2019
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 /80 % (New proposal)
f) Const.. Material (Survey/Testing)	: Yet to be taken up
g) Hydrological observation/	: In progress
h) Meteorological	: In progress
i) Environmental Surveys	: yet to be taken up
j) Programme of works during the year	: Topographical Survey Sub-surface investiga & Hydrometeorological data collection,const. 1
k) Overall progress of works	: 80.8% 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, 2019	: 194.115 lakhs
9 Expenditure incurred upto June, 2019	: 198.905 lakhs
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

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material.

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