

**STATUS OF SURVEY & INVESTIGATION OF HE SCHEMES
(PART I)**

NAME OF SCHEME Mawblei HE Project /Storage, 2x70 (MW)

GENERAL INFORMATION

1. State Meghalaya
2. Location - Near village Nongmawlong Dam - Composite, Type- Concrete and earth & rock full.
Height 90 metres Power House....Underground
- a) Latitude of Dam 25° 32' 00" N,
- b) Longitude of Dam 91° 02' 30" E,

General layout /Index map may please be furnished

- 3 District *Meghalaya*
- 4 Nearest G&D site *Near the dam site axis*
- 5 Catchment Area near G&D site *222.00 Sq.Km*
- 6 Status of availability of G&D site *approachable through footpath*
- 7 Basin/River *Um Mawblei*
- 8 Catchment Area (Sq.km) *222.00 Sq.Km*
- 9 Type of Scheme (ROR/Storage/PSS) *Storage scheme*
- 10 Firm Power (MWc) *34.561 MW*
- 11 Annual Energy Benefits (GWh) *i) 303.06 Mu in 90% dependable year
ii) 458.25 Mu in 50% dependable year*
- 12 Inter State Aspects *Within the state itself*
- 13 International Aspects *NIL*
- 14 Defense aspects *No defense installations*
- 15 R&R Aspects *Does not arise*
- 16 Forests area involved *To be taken up*
- 17 Geological problems anticipated, if any *Sub-surface investigation is to be carried out.*
- 18 Accessibility-Nearest Rail head/Road and distance from the project. *Nearest rail head 286 Km Nearest
Road - 5 Km*
- 19 Upstream scheme, if any - *Nil*
- 20 Downstream scheme, if any. - *Nil*

II PROJECT FEATURES

- 21 **Type of Diversion Structure/Tunnel**
 - a) Number - *1 no*
 - b) Size - *3.50 m Φ*
 - c) Diversion - *40.00 cumecs*
 - d) MDDL - *759.00 m*
 - e) Live /Storage - *156.10 m cum*

22. Dam

- a) Type - *Composite (Concrete and earth & rock type)*
- b) Top elevation of dam - *El 820.00 M*
- c) Height of dam above the river bed level - *90.00 m*
- d) Length of dam at top- *461.00m*
- e) River bed level - *El 730.00 m*

23 Water conductor system

- a) Type - *circular*
- b) Length - *3.30 Km*
- c) Diameter - *3.50 m Φ*

24. Power House

- a)Type - *underground*
- b)No. of units- *2 units*
- c)Head (m) - *400.33 m*

25. Tail Race Water conductor System

- a) Type - *Horse shoe*
- b)Length (m)- *3.90 Km*
- c) Size - *4.75m Φ*
- d) TWL(m)- *372.00*

Please give brief details about the HE Scheme and enclose a layout map.

(Signature)

Name

Designation

Telephone No.

Fax No.

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

NAME OF SCHEME Mawblei HE Project 2x70 (MW)

SURVEY & INVESTIGATION

1. Date of commencement of S&I *2006-2007*
2. Likely date of completion of S& I *2010-2011*
3. Likely date of completion of DPR *To be taken up (2011-2012).*
4. Estimated cost of S&I/DPR and Phasing of Expenditure *Rs. 72.00 Lakhs*
5. Agency of Investigation (in case of Pvt.Agency, Name, Designation, Complete . address, telephone no. & Fax No. is to be indicated). *Meghalaya State Electricity Board.*
- 6 Details of Progress @

Quantity Done	Quantity to be done

- a) Tracer Path & Approaches *Trace Path completed*
 - b) Roads *Approach road to be started..*
 - c) Construction of Temp.Building *Under construction*
 - d) Purchase of Special T &P *Not yet taken up*
 - e) Topographic Survey/Investigation *Work in progress*
 - f) Const.Material (Survey/Testing) *To be taken up*
 - g) Hydrological observations *Datas collection since June 2006*
 - h) Meteorological *Datas collected since June 2006*
 - i) Environmental Surveys *To be taken up*
 - j) Programme of works during the year yyyyyy-yy
 - k) Overall progress of works
 - l) Geological and foundation Investigations *To be taken up*
- @ In case it is not possible to give tentative quantity it should be given as percentage Financial Progress.

7. Estimated cost of Survey & Investigation with price level year *Rs. 472.00 Lakhs*
- 8 Expenditure incurred upto Dec 2010 *Rs. 76.98 Lakhs*
- 9 Expenditure incurred upto March 2011 *Rs. 93.59 lakh*
- 10 Budget Estimate
- 11 Revised Estimate yyy-yyy -
12. Budget Estimate yyy-yyy -

BOTTLENECKS, IF ANY

Paucity of fund and lack of Man power

(Signature)

Name

Telephone No.....Code No

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

Designation.