

**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  $\Phi$*

**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  $\Phi$*
- 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 Expenditure incurred upto June 2011      *Rs103.84 lakh*
11. Budget Estimate
- 12 .Revised Estimate yyy-yyy      -
13. 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.