

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

NAME OF SCHEME	Umngi Storage Stage-I,	ROR/STORAGE, 54 (MW)
GENERAL INFORMATION		
1 State	Meghalaya	
2 Location	East Khasi Hills District	Dam
a). Latitude of Dam/ Power House		Concrete Gravity, Height: 74m Power House....Surface/UG :25°24' 10 N
b). Longitude of Dam/Power House		:91° 35' 49" E
GENERAL LAYOUT/INDEX MAP MAY PLEASE BE FURNISHED		
3 District		:East Khasi Hills, Meghalaya
4 Nearest G&D Site		:Dam Site
5 Catchment Area near G&D Site		:79.00 Sq.Km
6 Status of availability of G&D Site		
7 Basin/River		:Umngi
8 Catchment Area (Sq.Km)		:79.00 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 reservior 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		:Umngi Stage-II,III,IV & V.
PROJECTS FEATURES		
21 Type of Diversion Structure		:Concrete Gravity Dam.
a) Height(m)		:74.00 m
b) FRL (m)		:1547.00
c) MDDL (m)		:1526.00
d) Live Storage (Mcum)		:59.51 Mcum.
22 Water Conductor System		
a) Type		:D-Shaped - R.C.C lined
b) Length		:5.36 Km
c) Diameter		:2.80m
23 Power House		
a) Type		: Underground
b) No. of units		: 2
c) Head (m)		:304.75m
24 Tail Race Water Conductor System		
a) Type		:D- Shaped
b) Length(m)		:1030.00m
c) Size		:3.00 m
d) TWL (m)		:1219.00 m (max M), 1217.50 m (min)

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

Quarter Ending : March, 2011

SURVEY & INVESTIGATION

Umngi Storage Stage-I, HEP (54MW)

- | | | |
|----|---|---|
| 1 | Date of Commencement of S&I | :2005-2006 |
| 2 | Likely date of completion of S&I | :2008-2009 (Target to be revised) |
| 3 | Likely date of completion of EPR | :2008-2009 (Target to be revised) |
| 4 | Estimated cost of S&I/DPR and

Phasing of Expenditure | :499.02 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.ECL, Umiam |
| 6 | Details of Physical Progress @ | |
| | | Quantity Done Quantity to be done |
| a) | Tracer Path & Approaches | :85% completed |
| b) | Roads | : Yet to be taken up |
| c) | Construction of Temp. Building | :90% Completed |
| d) | Purchase of Special T&P | |
| e) | Topographic Survey/Investigation | :95% Completed |
| 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 investigation & Hydrometeorological data collection |
| k) | Overall progress of works | :75% Completed |
| l) | Geological and foundation investigation @ in case it is not possible to give tentative quantity , it should be given as percentage Financial progress | 60% Completed |
| 7 | Estimate cost of Survey & Investigation with price level year | :499.02 Lakhs |
| 8 | Expenditure incurred upto March 2010 | :120.640 Lakhs |
| 9 | Expenditure incurred upto December, 2010
March,2011 | :126.230 Lakhs
:128.700 Lakhs |
| 10 | Budget Estimate yyyy-yy | |
| 11 | Revused Estimate yyyy-yy | |
| 12 | Budget Estimate yyyy-yy | |

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

(Signature)

Name

Designation