

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
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
SURVEY & INVESTIGATION**

**Quarter Ending : June, 2011
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	:499.02 Lakhs	
	Phasing of Expenditure		
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	60% Completed	
	Financial progress		
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 March, 2011	:128.700 Lakhs	
	June, 2011	:130.520 Lakhs	
10	Budget Estimate yyyy-yy		
11	Revused Estimate yyyy-yy		
12	Budget Estimate yyyy-yy		

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(Signature)

Name

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