

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

**NAME OF SCHEME                      UMNGOT HEP                      ROR/STORAGE, 260 (MW)  
GENERAL INFORMATION**

1	State	Meghalaya		
2	Location	East Khasi Hills	Dam	Type Height Power House...Surface/UG
a).	Latitude of Dam/ Power House			: 25 <sup>0</sup> - 21' - 38"
b).	Longitude of Dam/Power House			:92 <sup>0</sup> -6' -45"

**GENERAL LAYOUT/INDEX MAP MAY PLEASE BE FURNISHED**

3	District		: East Khasi Hills
4	Nearest G&D Site		:Dam Site
5	Catchment Area near G&D Site		: 304.00Sq/Km
6	Status of availability of G&D Site		:
7	Basin/River		:Umngot
8	Catchment Area (Sq.Km)		:304.00Sq.Km
9	Type of Scheme (ROR/Storage/PSS)		:Storage
10	Firm Power (MWc)		:40.97MW
11	Annual Energy Benefits (GWh)		:850Kwh
12	Inter State Aspects		:Does not arise
13	International Aspects		:Do
14	Defence aspects		:Do
15	R&R Aspects		: Marginal cultivable lands
16	Forest area involved		: Marginal
17	Geological problems anticipated, if any		: No
18	Accessibility-Nearest Rail head/Road		: Guwahati (103Km from Shillong).
19	Upstreams Schemes, if any		: NIL
20	Downstream Scheme, if any		: Umngot Stage-II H.E.P( Proposed)

**PROJECTS FEATURES**

21	Type of Diversion Structure		:Concrete
a)	Height(m)		: 107.00m
b)	FRL (m)		: 1040.00m
c)	MDDL (m)		: 1008.6m
d)	Live Storage (Mcum)		: 51.63
22	Water Conductor System		: Circular
a)	Type		: 5700.00m
b)	Length		: 4.00m
c)	Diameter		
23	Power House		
a)	Type		: Overground
b)	No. of units		: 2
c)	Head (m)		: 820.00m
24	Tail Race Water Conductor System		
a)	Type		
b)	Length(m)		
c)	Size		
d)	TWL (m)		210.00m

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**

Quarter Ending: **June, 2011**

**NAME OF SCHEME**

**UMNGOT HEP      260 (MW)**

1	Date of Commencement of S&I	:2001-2002
2	Likely date of completion of S&I	:2008-2009 (Target to be revised)
3	Likely date of completion of DPR	:2008-2009 (Target to be revised)
4	Estimated cost of S&I/DPR and Phasing of Expenditure	:430.78 lakhs
5	Agency of Investigation ( in case of Pvt.Agency, Name, Designation, complete address, telepone No. & Fax No.is to be indicated)	<b>:Executive Engineer :Investigation Div-1 : Me.E.C.L, Umiam</b>
6	Details of Physical Progress @	
		Quantity Done                      Quantity to be done
a)	Tracer Path & Approaches	: Completed
b)	Roads	: Nil
c)	Construction of Temp. Building	: Completed
d)	Purchase of Special T&P	: Completed
e)	Topographic Survey/Investigation	: Completed
f)	Const.. Material (Survey/Testing)	: Initiated
g)	Hydrological observation/	: In progress
h)	Meteorological	: In progress
i)	Environmental Surveys	: In progress
j)	Programme of works during the year	2009-2010 DPR Preparation
k)	Overall progress of works	90%, sufficient data for DPR preparation
l)	Geological and foundation investigation @ in case it is not possible to give tentative quantity , it should be given as percentage	Sub-surface exploration at Surge Shaft completed. : Sub-Surface exploration at Power House initiated.
	Financial progress	
7	Estimate cost of Survey & Investigation with price level year	430.78 Lakhs (2005 Price Level)
8	Expenditure incurred upto March 2010	: 391.315 Lakhs
9	Expenditure incurred upto March, 2011	:423.315 Lakhs
	June, 2011	: 436.415 Lakhs
10	Budget Estimate yyyy-yy	
11	Revused Estimate yyyy-yy	
12	Budget Estimate yyyy-yy	

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