

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

NAME OF SCHEME Revised Umngi Storage (2x31MW) **STORAGE, 62 (MW)**

GENERAL INFORMATION

1	State	: Meghalaya	Dam Type	: Concrete Gravity
2	Location	: East Khasi Hills District	Height	: 45.00 m
a).	Latitude of Dam	25° 23' 15N	Power House	Surface
b).	Longitude of Dam	91° 32' 46" E		

GENERAL LAYOUT/INDEX MAP MAY PLEASE BE FURNISHED

3	District	: East & West Khasi Hills, Meghalaya
4	Nearest G&D Site	: Dam Site
5	Catchment Area near G&D Site	: 191.00 Sq.Km
6	Status of availability of G&D Site	: In progress
7	Basin/River	: Umngi
8	Catchment Area (Sq.Km)	: 191.00 Sq.Km
9	Type of Scheme (ROR/Storage/PSS)	: Storage
10	Firm Power (MWc)	: -
11	Annual Energy Benefits (GWh)	: 276.42 MkWH
12	Inter State Aspects	: Does not arise
13	International Aspects	: Do
14	Defence aspects	: Do
15	R&R Aspects	: Cultivable lands under the reservoir area.
16	Forest area involved	: Marginal
17	Geological problems anticipated, if any	: Yet to be taken up
18	Accessibility-Nearest Rail head/Road and	: Guwahati (103 KM from Shillong)
19	Upstreams Schemes, if any	: No
20	Downstream Scheme, if any	: Nongkohlait, Nongnam & Mawput HEP

PROJECTS FEATURES

21	Type of Diversion Structure	: Concrete Gravity Dam.
a)	Height(m)	: 45.00 m
b)	FRL (m)	: 1425.00
c)	MDDL (m)	: 1401.00
d)	Live Storage (Mcum)	: 51.78 Mcum.
22	Water Conductor System	
a)	Type	: Modified Horse Shoe
b)	Length	: 4.125 Km
c)	Diameter	: 3.00 m
23	Power House	
a)	Type	: Surface
b)	No. of units	: 2
c)	Head (m)	: 464.50m (Rated)
24	Tail Race Water Conductor System	
a)	Type	: D- Shaped
b)	Length(m)	: -
c)	Size	: -
d)	TWL (m)	: 900 m (net)

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

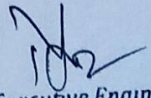
Name:

Designation:

Telephone No:

Fax No:

(Signature)


Executive Engineer (C)
Investigation Division-1
ME PGCL, Umiam

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

**NAME OF SCHEME
SURVEY & INVESTIGATION**

**Quarter Ending: March, 2022
Umngi Storage Stage-I, HEP (62 MW)**

- | | | | |
|----|--|--|---------------------|
| 1 | Date of Commencement of S&I | :2005-2006 | |
| 2 | Likely date of completion of S&I | :2024 | |
| 3 | Likely date of completion of DPR | :2024 | |
| 4 | Estimated cost of S&I/DPR and Phasing of Expenditure | :500.00 Lakhs | |
| 5 | Agency of Investigation (in case of Pvt.Agency, Name, Designation, complete address, telephone No. & Fax No.is to be indicated) | : Executive Engineer,
Investigation Div-1,
Me.PGCL, Umiam | |
| 6 | Details of Physical Progress | Quantity Done | Quantity to be done |
| a) | Tracer Path & Approaches | : 87% completed | : 13 % |
| b) | Roads | : Yet to be taken up | |
| c) | Construction of Temp. Building | : 91% Completed | : 8 % |
| d) | Purchase of Special T&P | | |
| e) | Topographic Survey/Investigation | : 95% Completed/87% (New proposal) | |
| f) | Const.. Material (Survey/Testing) | : Yet to be taken up | |
| g) | Hydrological observation/ | : In progress | |
| h) | Meteorological | : In progress | |
| i) | Environmental Surveys | : 10% | |
| j) | Programme of works during the year | :Topographical Survey works, Geological investigation & Hydrometeorological data collection, Environment Survey. | |
| k) | Overall progress of works | :83.5% Completed/30% (New proposed) | |
| l) | Geological and foundation investigation & in case it is not possible to give tentative quantity , it should be given as percentage | :65% Completed/30% (New proposed) | |
| | Financial progress | | |
| 7 | Estimate cost of Survey & Investigation with price level year | :500.00 Lakhs | |
| 8 | Budget Estimate yyyy-yy | | |
| 9 | Revused Estimate yyyy-yy | | |
| 10 | Budget Estimate yyyy-yy | | |

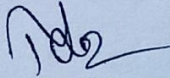
Telephone No. Code No.....

(Signature)

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

Name

Designation


**Executive Engineer (C)
Investigation Division-1
Me.PGCL.Umiam**