# ENVIRONMENTAL PUBLIC HEARING

of

# Etalin Hydro Electric Project (3097 MW)



Conducted by: Arunachal Pradesh State Pollution Control Board Naharlagun

12.12.2014

# **Public Hearing Proceedings**

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MINUTES OF THE ENVIRONMENTAL PUBLIC HEARING IN RESPECT OF ETALIN HYDRO ELECTRIC PROJECT (3097 MW) EXECUTED BY M/S ETALIN HYDRO ELECTRIC POWER COMPANY LIMITED CONDUCTED ON 12.12.2014 FROM 10.00 HRS ONWARDS AT ETALIN HQ VILLAGE, ETALIN, DIBANG VALLEY DISTRICT, ARUNACHAL PRADESH

#### NAME OF THE PROJECT:

Etalin Hydro Electric Project (3097 MW), Etalin, Dibang Valley District, Arunachal Pradesh

#### PANEL MEMBERS:

 Shri Tamune Miso, Deputy Commissioner, Anini Dibang Valley District
 Shri J. Kato, Scientist-B Arunachal Pradesh State Pollution Control Board,

#### Representatives of EHEPCL:

Naharlagun.

- 1. Shri M, M. Madan, President & CEO Hydro Business, EHEPCL
- 2. Maj Gen Balwinder Singh, President (Roads & Logistics), EHEPCL
- 3. Shri V. B. Gupta, HoP, EHEPCL
- 4. Shri R. K. Shrivastava, DyHoP, EHEPCL
- 5. Shri Michael Satish Patro, AVP (HR), EHEPCL
- Shri Anil Dhar, AVP, EHEPCL
- Shri Dheeraj Marwaha, DGM, EHEPCL
- Shri Souvik Khamrui, AGM, EHEPCL
- Shri Vikas Sharma, Manager, EHEPCL
- 10. Shri Sunil Kumar, Manager, EHEPCL

### Consultant on behalf of EHEPCL:

- 1. Dr Rahul Deshmukh, R. S. Envirolink Technologies Pvt Ltd
- Mr Vivek Jhaldiyal, R. S. Envirolink Technologies Pvt Ltd.
- Dr J. P. Bhatt, CISMHE, University of Delhi
- 4. Dr Dorjee Dawa, CISMHE, University of Delhi

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Deputy Commissioner Dibang Valley Dist. ANINI-792 101 (A.P.)

### Speakers from the Project Affected Villages are as follows:

- 1. Sri Tasku Tayu, Chairman, PAPF, Eron village
- 2. Sri Sadhu Mihu, GS, PAPF, Athunli village
- 3. Sri Rajive Pulu, Vice-Chairman, PAPF, Chanli village
- 4. Sri Sanja Mano, AGS, PAPF, Akobe village
- 5. Sri Jando Taru, Convenor, PAPF, Aunli village
- 6. Sri Empi Meya, Ex-ZPC

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- 7. Sri Ngasi Mena, Public Leader, Etalin Bridge Point
- 8. Sri Dilip Tayu, Advisor, MPAPF, Aroko village
- 9. Sri Jaha Mele, PAPF, Italin Village
- 10. Sri Rohit Mele, President (MDVSU), Etalin Hq
- 11. Sri Rajesh Tacho, MLA
- 12. Sri Tuni Melo, Finance Secretary, PAPF, Punli Village
- 13. Sri Robin Mano, Joint Secretary, PAPF, Matoli Village
- 14. Sri Achai Miggi, ASM, Etalin Village
- 15. Sri Janta Umpey, Joint Secretary, PAPF, Malinye Village
- 16. Sri Sondo Mele, Draftsman, PAPF, Etalin Bridge Point
- 17. Sri Umesh Apocha, Etalin Hq.
- 18. Sri Rohi Yalla, Emuli Village
- 19. Sri Momai Umpey, Akbe Village
- 20, Sri Khako Migri, Arunli Village
- 21. Smti, Lamane Yalla, Etalin Bridge Point,
- 22. Sri Singe Miuli, ZPC
- 23. Sri Rajive Mihu, GS, IMCLS
- 24. Sri Botane Tayu, Keraa Initiatives for Cultural & Ecological Security
- 25. Smti. Akunge Miuli, GS, IMCLS (Women Wing)
- 26. Sri Bishen Mepo, PAP
- 27. Miss Emmi Umpey, Etalin village

An Environmental Public Hearing in respect of Etalin Hydro Electric Project (3097 MW) executed by M/s Etalin Hydro Electric Power Company Limited was conducted on 12.12.2014 from 10.00 AM onwards at Etalin HQ, Dibang Valley District, Arunachal Pradesh. The entire Public Hearing proceeding was presided over by Shri Tamune Miso, Deputy Commissioner, Anini, Dibang Valley District – cum – Chairman of the Public

State Pollution Control Hoard Depth of Environment & Porests Nativinagun Deputy Commissioner Dibang Valley Dist. ANINI 792 101 (A.P.) 2 Page

Hearing. In all 545 (five hundred fourty five) people attended the Public Hearing. The attendance sheet is enclosed as Annexure – A.

At the outset, Shri Jumli Kato, Scientist-B, Representative of Arunachal Pradesh State Pollution Control Board, Naharlagun while welcoming the Project Affected Families (PAFs) / Public elaborated the provisions of the EIA Notification dated 14<sup>th</sup> September' 2006 and subsequent amendments issued by the Ministry of Environment & Forests and Climate Change (MoEF&CC), Govt. of India pertaining to Environmental Clearance for developmental projects and requirements of Environmental Public Hearing thereof. He stated that Environmental Public Hearing was being conducted as per the provisions of the said notification.

Shri Jumli Kato, Scientist-B, APSPCB further explained that the objectives of the Environmental Public Hearing is to solicit and record the opinions, views, comments or objections of the people residing at and in the adjoining areas of project sites likely to be affected by the construction of the proposed Etalin Hydro Electric Project (3097 MW). He further added that the Environmental Public Hearing is a part of the Environmental Clearance process and that no decision on project clearance can be taken during the hearing as its sole role is strictly confined to recording of opinions, discussions, suggestions submitted in writing or orally so that the same can be submitted to the Ministry of Environment & Forests and Climate Change (MoEF& CC), Govt. of India. The Ministry will examine and scrutinize such views, comments, suggestions by project affected people while processing the application for Environment Clearance.

#### **Power Point Presentation:**

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Shri M.M. Madan, President & CEO – Hydro Business, M/s Etalin Hydro Electric Power Company Limited presented the project background & status and the salient project features of the Project with the help of power point presentation. He explained that the total land requirement for the Project is 1155.11 Hec. Later, Mr Vivek Jhaldiyal, R. S. Envirolink Technologics Pvt Ltd explained the Environment Impact Assessment (EIA) methodology, baseline status, assessment of impacts and Environmental Management Plans including Biodiversity Conservation & Management Plan, Catchment Area Treatment Plan, Fishery Conservation & Management Plan, Solid Waste Management Plan, Public Health Delivery System, Muck Disposal Plan, Air & Water Environment Management Plan, Rehabilitation & Resettlement Plan, Compensatory Afforestation Plan, Environmental Monitoring Plan, etc.

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Deputy Commissioner Dibang Valley Dist ANINI-792 191 (A.P.)

The EIA / EMP studies are prepared by Consultants, M/s R. S. Envirolink Technologies Pvt Ltd., Gurgaon as per Terms of Reference (ToR) issued by the Ministry of Environment & Forests and Climate Change.

#### **Open House Discussion:**

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After presentation, the Project Affected Families (PAFs) from Project Affected Villages (PAVs) were given time to give their views / suggestions / objections / queries / words of appreciation regarding the proposed project.

Accordingly, the views / suggestions / objections / queries / words of appreciation expressed by the public participants are as follows:

- 1. Sri Tasku Tayu, Chairman, Project Affected Peoples' Forum, Eron village (Submitted memorandum on behalf of Project Affected People's Forum)
  - Welcome the project.
  - Not everything is reflected in the EIA, EMP and SIA reports. So, charter of demand is being placed.
  - · All the demands placed in public hearing should be fulfilled.
  - It is a matter of pride that India's biggest hydel project is going to established.
- Sri Sadhu Mibu, General Secretary, Project Affected Peoples' Forum, Athuoli village
  - We have already submitted 37 points charter of demands for the interest of the people.
  - Baseline study done was not up to the mark.
  - One time financial assistance for local artisans should be enhanced from Rs.25,000 to Rs.50,000/-
  - Local artisans are not restricted to nine (9) families only. All the weavers, basket knitters should also be included in the list of Local artisans.
  - Project developers should provide scholarships to 50 students for 45 years instead of 10 years.
  - Demanding additional agricultural and horticultural land along with 10 hectare of mithun grazing land.
  - Project developer should post a paediatrics and gynaecologist for the people of the area.
  - One referral hospital at Etalin Bridge Point is demanded.

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- I am sceptical that Project Affected Families cannot be re-settled at one go. It would be in pocket wise.
- Routine vaccination programme should be carried out in prior consultation with the PAFs/PRIs/GBs during peak hours of construction of project.
- Presence of Jindal Power Limited has made life easier for the people.

### 3. Sri Rajive Pulu, Vice-Chairman, Project Affected Peoples' Forum, Chanfi village

- People from outside the district, State are trying to misguide the people.
- · Few years ago merits and demerits of the project was not known to anyone.
- Only two months ago we came to know about the EIA, EMP and SIA reports. Many things have been missed out in these reports. Points that have been missed out have been submitted in form of Memorandum.
- SIA report has many loopholes. Names of many people have been left out in the list of Project Affected Families.
- Benefits of housing grant be provided.
- Additional economic packages should be provided to the people of Etalin HQ at par with Arunli village so that people do not suffer.
- Regular sanitation programme under CSR should be undertaken in consultation with PAFs and PRIs.
- Provision of 5 percent free power under LADF should be provided as per Hydro Power Policy,2013.
- Resettlement areas should be at one place, so that benefits provided to Project Affected Families could be availed by all.
- We would like to propose Chanli village for re-settlement. The area should be surveyed by the District administration.
- 4. Sri Sanja Mano, Astt. General Secretary, Project Affected Peoples' Forum, Akobe village (Memorandum Submitted).
  - We have been staying with the people of Etalin HEP without having any problem nor do we have objection for the project.
  - We give green signal to the project.
  - The Project Affected Families domand awarding of contract work upto Rs.5 Crores without bidding tender.
  - Following contract works should be awarded to the local contractors:

Construction of existing roads

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- ii. Construction of contractor's colony
- iii. Construction of workshops and stores and
- iv. Construction of explosive magazine

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- Entire Project Affected Families of Akobe village should be included under involuntary displacement families. So far, out of 23 families only 4 families have been included under involuntary displacement families.
- Construction of schools, referral hospitals should be done in the Dibang valley district only.
- Raw materials requirement for construction work should be produced from the local people.

#### 5. Sri Jando Taru, Convenor, Project Affected Peoples' Forum, Aunli village

- Welcome the project, as it will benefit entire district.
- We need project that is eco-friendly project, action oriented and people friendly.
- This project is people friendly as people got jubs, construction works, education in schools and colleges.
- We should accept and respect the decision of the Government.
- People, whether they are PAFs or not should support such project, as it will benefit all.
- Project Proponent should not shy away from the responsibilities after completion of the Public Hearing.
- Compensation should be given at highest possible rate i.e four times as envisaged in the RFCT in LARR Act,2013 against USF/Community land.
- Many people are sceptical that compensation would not be disbursed in a transparent way.
- If possible, there should be collective re-settlement process. However, it is felt that re-settlement would be done pocket wise.
- Proposed grant for infrastructure facilities and amenities in re-settlement sites should be increased from Rs.15 Crores to Rs.30 Crores.
- I percent free power under LADF should be directly deposited in the accounts of PAFs as envisaged in the New Draft Hydro Power Policy, 2013
- RR policy is being framed as per the norms that is best fit to the people.
- The compensation should be 4 times that of the rate framed earlier that means so

be as per 2013 policy.

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- Housing grants should be enhanced from 15 Lacs to Rs. 25 Lacs.
- · Compensatory Afforestation should be implemented in the district only.
- Labour Law should be reviewed and regulated as and when construction starts.
- · Finally, gives green signal to the project.

#### 6. Sri Empi Meya, Ex-ZPC (Submitted Memorandum)

- Everyone should be given an opportunity to speak
- I have never been against the project. There should not be any misunderstandings between us.
- As per SIA and EIA reports only 265 families has been enlisted, Inclusion/exclusion of nuclear families have not been addressed.
- If Etalin (HQ) will not be affected, than it should be given in writing.
- Appreciate jindal. PH is going on peacefully.
- Due to labour influx, tomorrow our people will rendered to minority.
- Developer has a helping attitude. So the people are happy with upcoming project.
- Lastly, I submit a memorandum to Deputy Commissioner, Dibang Valley District –cum- Chairman, Public Hearing.

#### 7. Sri Ngasi Mena, Public Leader, Etalin Bridge Point

- Consolidated comprehensive plan prepared by me kept the probable conflicts at bay.
- Compensatory Afforestation policy is wrong for the state having 60000 MW.
- We have abundant land for Compensatory Afforestation. But, Government and Company are not willing to compensate for it.
- Compensatory Afforestation should be within the project's basin only.
- People want to grow with jindal
- 1 request Deputy Commissioner and Member Scoretary to go through the Comprehensive Plan.
- Rehabilitation site should be developed with road, link road etc prior to the start of the project
- Land compensation billing should be done at the earliest, as it is sure that all the required clearances will be obtained shortly.

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#### 8. Sri Dilip Tayu, Advisor, MPAPF, Aroko village

- Land compensation should be satisfactory.
- All Project Affected Peoples' Forum supported the Company whole heartedly since its inception.
- In EIA, EMP and SIA report certain points are missing. This should be rectified.
- Influx of labourers will outnumber the locals during the construction stage.
- An Industrial Training Institute (ITI) be established in Dibang Valley. Locals be given jobs on priority.
- Under CSR following should be under taken:
  - i. Creation of corpus fund for Project Affected Families.
  - ii. Construction of Community Hall at Etalin,
  - iii. Adoption of one village.
  - Creation of a Monitoring Committee consisting of not less than three (3) PAFs as members.
- Compensation should be given at one go, not in instalments.
- We are supporting Jindal Company, as we are having lots of expectations from them.

#### 9. Sri Jaha Mele, Project Affected Peoples' Forum, Etalin Village

(Memorandum Submitted)

- The influx of large number of labourers from outside will outnumber the locals and this will impinge on our constitutional and legal rights.
- Nowhere in EIA and EMP reports do we find any mention of mitigation measures nor compensation for the permanent loss of Mithun grazing areas, fishing grounds.
- 12 percent royalty to the State Government will not materialize into any betterment of our Idu Mishmi Community on whose sacrifice of land and livelihood this dam is proposed for construction.
- EHEPCI, must bring in extra measures to counter the losses that will occur due to encroachment on our forest and natural resources.
- In order to provide quality skilled and semi skilled jobs, it is demanded that an ITI be started at Anini in Dibang Valley District.

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- The EMP does not address satisfactorily the probable dangers of probable diseases. Focus must be on creating a multi-specialized medical canter near the project area.
- There should be provision of agricultural land as per SRRP, 2008 to the involuntarily displaced land owners.
- The R & R works must be completed before the construction phase of the project.
- An Independent Monitoring Committee should be constituted, vested with enough powers to oversee the mitigation measures and redress the loss to local community wherever applicable.

#### 10. Sri Rohit Mele, President, Middle Dibang Valley Students' Union

(Submitted Memorandum)

- Public welcome the project as public are convinced of immense opportunities and prospects in event of construction of the project.
- From the date of commencement of operation of Etalin HEP following Compensatory allowance be given to the PAFs:
  - i. Rs. 2 Crores annully for 20 years be given to Dri Valley PAFs. Welfare Fund.
  - Rs. 2 Crores annully for 20 years be given to Taloh Valley PAFs. Welfare Fund.
- It would be nice if EHEPCL adopt a village under SCR activity.
- An ITI should be established so that it benefit the local youths.
- Welcome the project in anticipation the it would lead to development of the district.

#### 11. Sri Rajesh Tacho, Hon'ble MLA, Anini

- Happy that all the speakers have spoken with positive bent of mind.
- We should not lose this golden opportunity. Project will benefit all.
- I appeal to Jindal Company to make this hydel project a success.
- With the coming of project, we have seen lots of changes and availing plenty of facilities.
- 12. Sri Tuni Melo, Finance Secretary, Project Affected Peoples' Forum, Punli Village
  - Every person who have attained of 18 years of age and above should be identified and given house grant in revised PAF's list.
  - Benefits that would be provided as per R & R Policy should be included to Punli village for health camps.

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A Health Sub Center provision be made for Punli village.

# 13. Srí Robin Mano, Joint Secretary, Project Affected Peoples' Forum, Matoli Village

- We had many meetings since coming of Jindal Company in the area.
- Project Affected Committee and Project Affected Peoples' Forum have same voice.
- Decisions taken by the executive members of the Project Affected Peoples' Forum are correct and we look upto them for guidance and help.
- The Project Affected Families are supporting the Jindal Company with the expectations that on coming up of the project the public/PAFs would be benefited.
- Compensatory Afforestation should not be done outside district.
- A office of Jindal Company should be established at Anini, so that if any queries are there with Public/PAFs it could be addressed to.
- EIA, EMP and SIA should be provided and distributed to all public/PAFs.

#### 14. Sri Achai Miggi, ASM, Étalin Village

- An Engineering college should be established by the Jindal Compnay in the district.
- A medical should be opened by the Jindal Company in the district. Poor families cannot go for medical treatment to Dibrugarh or Tinsukia.
- Priority should be given to local youths in employment in the Company. People of Lower Dibang Valley should also be given job opportunities in the Company.
- For compensation only the Head of families should not be considered. Provision for children should be kept.
- Many youths were taken to Chattisgarh for training for many months. These youths should be given priority in job opportunities.
- Name of the village that has been misspelt as "Tangon" in the maps should be corrected as "Talo".
- After today's Public Hearing, people should not be deprived of facilities.
- Villagers should be employed according to their ability.
- Labours should be brought for project activities only for a period of 6 months only.

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Deputy Commissioner Dibang Valley Dist. ANINI-792 101 (A.P.)

• Earlier, disputes were solved locally, But, after the arrival of Jinadal Company matters related to dispute goes to the Deputy Commissioner directly rather than being solved locally.

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### 15. Sri Janta Umpey, Joint Secretary, Project Affected Peoples' Forum, Etalin Bridge Point.

- Budget provision for feeders schools of Talo Limb and Dri Limb should be enhanced to Rs. 10 Crores each.
- Provision of 5 percent free power should be made by the Government under LADF.
- Strict provision be made for issue of ILP for labourers that will come during construction stage.. Labourers should be screened properly before they are brought. This would avoid crimes in this area.
- Labourers should be tested clinically before bringing them during construction stage.
- The people of Malini village are ready to donate land free of cost for establishment of a higher secondary school.

# 16. Sri Sondo Mele, Draftsman, Project Affected People's Forum, Etalin Bridge Point

- Budget provision be made for the preservation and promotion of culture and tradition of Idu Mishmi Cimmunity.
- Mishmi tribe is unique and distinct. Rich culture and tradition of Idu Mishmi Community will be affected when the project comes.
- Idu mishmi dialect is endangered. Funds for promotion of the dialect should be given.
- Fund allocated in SIA report is very less. So, adequate fund be kept for basic amonities.
- PAPF is trying to conserve the medicinal plant called Mishmi tita (Coptis tecta).
- A Mithun Breeding Center should be established in Dibang Valley district.
- Fund should be provided for preservation of orchids found in the project area and an Orchid Research Center should be established in Dibang Valley District.

### 17. Sri Umesh Apocha, Etalin HQ.(Submitted Memorandum)

• The notification for acquisition of some areas was made under Jhum Land Regulation 1947. It was not circulated for public information by the

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Administration. It is being requested that land acquisition be made as per new Act (RFCT LARR, 2013).

- Jhum Land Regulation 1947 is not an act for acquiring land for hydro projects.
- It is also important that we are informed of the nature and procedure of acquisition
  of land. It is seen that notices are not being served after being published in the
  Gazette.
- The social linpact Assessment (SIA) report prepared by the EHEPCL is not correct due to following reasons:
  - i. The SIA study is supposed to be under taken by the District. Administration. But, the study has been under taken by a private party engaged by EHEPCL.
  - ii. SIA is to be prepared by a Committee notified by the Government.
  - iii. R & R Component is to be decided by the District administration and the number of Project Affected Families is to be decided by the District administration and not by EHEPCL.
- Will the job guarantee be for the local Idu Mishmi tribe only or does it include other tribes also?
- The provision of Forest Rights Act, 2006 must be implemented in toto for protecting the rights and privilege of the common man.
- What are the possibilities that contract works will be awarded to the Project Affected Families (PAFs) when they will be left with no land, homes or resources.

#### 18. Sri Robi Yalla, Emuli Village

- For re-settlement, an appropriate site should be selected and then decision should be given by the Deputy Commissioner, Dibang Valley District. Re-settlement should not be done pocket wise.
- EHEPCL should give some compensation to families/villagers of Etalin whose land has not been acquired.
- Land should be demarcated properly before the construction starts.

### 19. Sri Momai Umpey, Akobe Village

 With the coming of Jindal Company, we have noticed some positive changes in Etalin.

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 Demand for inclusion of his name and family as Project Affected Family of Akobe village. His request has been turned down till date as they are also original inhabitant of Akobe village since generations.

#### 20. Sri Khako Migri, Aruali Village

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- 37 points charter of demands has already been submitted. However, would like to point out few left ones.
- With the coming of project, we are hopeful that there will be development in a days to come
- After the coming of Jindal Company, it has been observed that pollution level has increased. There is lots of pollution near the project colony.
- HOP of the Company should ensure that no pollution is done due to coming up of the project.

#### 21. Smti. Lamane Yalla, Etalip Bridge Point.

- I was sent to Raigarh (Chattisgarh) by the Jindal Company and given training for seven months and also received a Diploma Certificate also. The certificate has got no meaning because neither the Jindal Company nor the Committee members give any value to the certificate.
- Salary difference is very high between us and employee brought from outside. I appeal to company look into this.

#### 22. Sri Singe Miuli, Chairman, Zilla Parishad

- I have been given assurance to be handsomely compensated on donation of land for the project.
- I am sceptical whether the PAFs would get any compensation or not.
- It is our belief that all the demands placed today will be fulfilled.
- Provision of Rs.15 Lakhs kept for re-settlement will not last lifetime. Along with re-settlement amount place/areas should be provided for agriculture, collection of firewood and grazing of animals.
- Jindal Company should make an effort to provide teachers in schools where there is shortage of teachers.

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### 23. Sri Rajive Mihu, General Scoretary , IMCLS

- As per 68<sup>th</sup> Expert Appraisal Committee (EAC) meeting held in September, 2014, all together 14 projects are planned in Dibang Valley District in addition to project below 25 MW. These entire projects together will require thousands of hectares of forest land which will in turn affect local livelihood, increase in downstream impacts, raise severe safety concerns, affect biodiversity, wildlife, hydrology, local culture, geology and seismicity of the region and its downstream.
- Some 12,000 outsiders will compete with some 700-1000 locals in terms of natural resource extraction and basic amenities which is scarce, thereby paving the way for extinction of the local Idu Mishmi Community.
- As a possible mitigation measure, no employee colony, labour camp should be located near the current settlements and the project proponent should provide them with their basic amenities and not use present scarce amenities used by the locals.
- The outsiders should undergo monthly medical check up and anyone found with any infectious disease such as hepatitis, flu and influenza strains, STD and HIV should be isolated and immediately deported from the area.
- The Government of Arunachal Pradesh should immediately notify the formation of an independent Committee consisting of not less than five members of the local Idu Mishmi people vested with enough powers to oversee the mitigation measures and redress the loss to local communities wherever applicable.

## 24. Sri Botane Tayu, Keraa Initiatives for Cultural & Ecological Security

(Submitted Memorandum)

- Cumulative impact assessment : Etalin HEP is a 2<sup>nd</sup> upcoming project on talo.
   Dibang river
- Reading out the memorandum
- Submitted memorandum to MS

#### 25. Smti. Akunge Miuli, General Secretary, IMCLS (Women Wing)

- For working women, a day care school for their children should be opened.
- Why our women are limited to the works related to sweeping and washing of utensils?
- Education provided should be job oriented

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- Special packages for women, widows and orphans should be provided.
- Joint ownership provision of bank account be made.
- Women should be given free hand to speak for their rights and privileges.
- Special Police cell for women should also be opened. So that in case of any sexual harassment complaints could be lodged.
- For job opportunities priority should be given to the locals of Dibang Valley.
- A multi facilitated hospital should be opened for the people of the area.
- A provision for night class should be made for the women of the area, so that ladies/women are educated and empowered.
- Since, people are welcoming the project, EHEPCL should reciprocate nicely.

#### 26. Sri Bishen Mepo, PAP

- Jindal Company has deleted huge land from the existing 163.92 hectares of land for the reason best known to them.
- Later it was reasoned that lands have been deleted due to steep slope.
- 37 points charters of demands are to be addressed to.
- Want a written assurance from the Company that they require only 57 hectares out of 163.92 heactares. Company should assure that there won't be any impact on the left out areas.
- Studies have not been done in detail
- Welcome the project
- PAFs should be fully and genuinely compensated.
- Memorandum that has been submitted today should have been heard earlier.

#### 27. Miss Emmi Umpey, Etalin village

- What provisions Jindal Company has kept for the widows of these area?
- Jindal Company has provided training on mushroom cultivation, Poultry Framing and Horticulture farming practises at Roing. These ladies who have obtained these training should be encouraged in their endeavour.

Sri V.B. Gupta, HOP, EHEPCL gave clarifications on the queries/questions raised by the PAFs/Public. Later, Shri M. M. Madan, President & CEO - Hydro Business, M/s Etalin Hydro Electric Power Company Limited, clarified the doubts of the PAFs / Public. The details of the clarifications/explanations given by the project proponent are given as **Annexure – B**,

State Pollution Control Board Depth, of Environment & Forests Naturation

Deputy Commissioner Dibang Valley Dist ANINI-792 101 (A.P.)

Address by Shri Tamune Miso, Deputy Commissioner, Anini, Dibang Valley District:

Shri Tamune Miso, Deputy Commissioner, Anini, Dibang Valley District – cum - the Chairman of the Public Hearing then addressed the public. Firstly, he congratulated the PAFs for sharing their views peacefully. He thanked one and all for their active participation and peaceful conduct of the hearing. He informed the Project Affected Families/Public present that the Public Hearing is a platform for PAFs / PAPs to place their demands and grievances. He hoped that the Company would take care of the issues raised by the PAFs in the Public Hearing.

Later Er. T. Manlong, Assistant Environment Engineer, APSPCB read out the minutes and told the participants that their suggestions / views are recorded and it will be sent to the concerned authority for further necessary action. The copies of the Minutes of Public Hearing shall be sent to the concerned offices for display prominently for the knowledge of the concerned people.

The meeting concluded with vote of thanks by Smti Olaak Apang, Circle Officer, Etalin to the Chair and to all officials, participants, senior citizens and Project Affected Families present during the meeting.

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(J. Kato) Scientist-B APSPCB, Naharlagun

Scientist-8 State Pulkition Connol Board Depts, of Environment & Foresta Naharlagun

(Tamurie Miso) Deputy Commissioner Dibang Valley District Deputy Commissioner Dibang Valley Dist. ANINI-792 101 (A.P.)

# Issues raised by the PAFs/Public and Clarifications given by the Developer

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### ANNEXURE-B

# ISSUES RAISED BY THE PAFs/PUBLIC AND CLARIFICATIONS GIVEN BY THE PROJECT PROPONENT

SI		Clarification given by Project
No	Issues Raised by PAFs/Public	Proponent
1	Strike out words such as solung dance, adi tribe and ja-jin-ja as a folk song of Idu (Mishmi) from the draft SIA report before publication of final SIA report. Especially, since whole Dibang Valley District area is entirely dominated by the Idu-Mishmi tribe how can the project proponent mentioned solung dance as major festival, Adi tribe as a major tribe and Ja-Jin-Ja as folk song of Dibang Valley District. Therefore, the PAPF takes this matter as very serious and highly objectionable things.	The same shall be taken care in the final EIA / EMP Report before submission to MoEF (Gol)
2	Budget for feeder school and nursery school should be up to 10 crores for each school.	The necessary construction / up- gradation would be carried out by EHEPCL & a budget provision of Rs 8 Crs has been kept for the purpose which is sufficient for the construction of such schools
3	Additional economic package for partially affected villages, viz., Etalin HQ, Aguli, Athunli, Ayeso similar to additional economic package declared for Aruli village amounting to Rs. 95,00,000/-	This point shall be discussed with district administration and the decision given by the State Govt. shall be followed.
4	Revision of list of PAFs should be undertaken since no. of people hailing from project affected area were excluded in original PAFs list. Hence, it is requested to rectify the PAF list before its final publication.	List of PAFs was prepared based on the SIA study undertaken in consultation with the Distt. Administration. Distt. Administration to see the exclusions, if any.
5	As per draft SIA report numbers of involuntary displaced family is 156 only out of 256 families. As per our knowledge, numbers of involuntary displaced family ought to be more than 156. Thus, it is required to revise the list of involuntary displaced families so that not even a single family suffer in future.	Number of involuntary displacement is 156 out of 265 families, which has been arrived at based on the SIA study undertaken in consultation with the Distt Administration. Revision, if any, in respect of involuntary displacement is to be intimated by the Distt Administration.
	SIA report has many loopholes. Name of many people have been left out in the list of PAFs.	
6	Number of self employed local artisans given in the draft is 9 persons only. Hence, review of same is necessary to ensure that names of genuine self employed local artisans both man and woman should not be deprived of benefits they are entitled under appropriate law. In addition, one time financial assistance of Rs. 25,000/- proposed for local artisans should be enhanced to Rs. 50,000/-	This number has been brought out based on the SIA study undertaken in consultation with the Distt Administration. Revision, if any, is to be intimated by district administration. However an amount of Rs. 25,000/- has been kept in accordance with the SRRP 2008.
7 [	Project developer is urged to provide scholarship for 50 students each year for 45 years instead of 10 years.	

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8	Entire PAFs of Akobe village should be included under involuntary displaced family.	PAFs. Scholarship grant shall presently be extended only up to 10 years, which is till construction period of the project, as stipulated in R&R plan. However, scholarship beyond 10 years shall be seen under CSR scheme after commissioning of the project. This point shall be discussed with district administration and the decision given by
		the State Govt. shall be followed.
9	Insert provision for allocation of 2 hectares of agricultural land and 2 hectares of horticultural land and 10 hectares of grazing land for domestic animal like Mithun in and around the resettlement area.	A context specific provision for infrastructure facility and amenities at resettlement sites has been listed in EMP. The decision given by the State Govt. shall be followed.
10	Under Health Care, one referral hospital should be constructed at Etalin Bridge Point. A multi facilitated hospital should be opened for people of the area.	We have kept a provision of hospital in the DPR. Location shall be decided in consultation with District Administration and Committee members.
11	Routine vaccination programme and health check up should be undertaken. However, prior consultation of PAPEs/PRIs/GBs is necessary during the peak period of construction of Hydro Electric Project.	Health check up programmes already taken up & stipulated in the R&R plan. Vaccination programmes shall be taken up in consultation with District Administration and GBs.
12	Regular sanitation programme under CSR scheme shall be undertaken involving the PAPF executive members and the PRI functionaries at R&R village/colony to maintain the Health & Hygiene of the PAFs.	Regular sanitation program is a part of maintaining health and hygiene of R & R
13	If possible housing grants should be given to entire PAFs of Etalin HQ since it is located in the proximity of prime working zone area.	The land under Etalin HQ settlement is not under proposed Land requirement so the housing benefit cannot be given as per existing policy.
14	Compensation should be given at the highest possible rate i.e., 4 times as envisioned in the RFCT in LARR Act, 2013 against the diversion of the USF/Community Land and against the killing of access to Rights & Privileges.	Compensation shall be made as the provision made in LARR-Act-2013 and SRRP-2008
15	Compensation should be given in one go, not in installment. Budget for R&R Plan should be enhanced from 15 crores to 30 crores.	Payment of compensation shall be made by Distt. Administration. Detail estimation has been done for finalisation of Budget for amenities and basic infrastructure in resettlement villages. A provision of Rs 15 Crores for the 8 resettlement locations has been kept towards drinking water, electrification, community centre, approach road, internal pathways, drainage system, avenue plantation, grave yard, etc.

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C	16	PAPF demands for allocati work up to 5 crores on non-t PAFs.
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5	[	Construction of Existing colony, workshop, stores etc awarded to the local contracted
C S		Raw materials requirement work should be procured from
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n -	17	Each and every individual years of age should be ide separate household in the rev
5		For compensation only the should not be considered. Pro should be kept.
5	18	Appealed to Shri Rajesh Tacl (ST) A.C. to move a bill in the for the implementation of dire
6		local area development con the bank accounts of PAF received from the sale of 1%
C.	l	project developers according Power Policy, 2013 in res
5	19	Project. PAPF demands for providin from the State Govt. under L
0	20	Power Policy, 2008 & 2013. Appealed to Dy. Commission immediate property survey
1	21	point. Representative of EHÉPC
14		handover the responsibility to & Forest Department for reas
N.		of timber and non-timber pr and RFO, Anini were reque
1.0		estimate regarding the grow timber products for the next 1
- S		of medicinal plants/herbal analysed by the Environ
Aut	22	Depart <u>ment.</u> Appealed to Dy. Commission
1		new rate for land categol approachable by Motorable Rs. 120/-
	23	Provide housing grant of Rs 2 approved rate 15 lacs as ind
		summary SIA/R&R Plan report
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5 crores on non-tender basis to the a of Existing road, Contractor kshop, stores etc works should be the local contractor. ials requirement for construction be procured from local people. every individual who attained 18 g should be identified and given station only the head of families be considered. Provision for children pt. Shri Rajesh Tacho, MLA 41st Anini bo move a bill in the state assembly areduction of direct cash transfer by development committee (LADC) to be gown in respect of EHEPCL ands for providing 5% power free the Gort under LADF as per Hydro y, 2008 & 2013. Dy. Commissioner, Anini to initiate property survey of Etalin Bridge ive of EHEPCL was told to e responsibility to the Environment of on children property survey of Etalin Bridge to for the next 10 years. Valuation al plants/herbal plants should be by the Environment & Forest		
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<ul> <li>be considered. Provision for children apt.</li> <li>Shri Rajesh Tacho, MLA 41st Anini o move a bill in the state assembly mentation of direct cash transfer by development committee (LADC) to accounts of PAFs of the amount in the sale of 1% free-power by the lopers according to new draft Hydro cy, 2013 in respect of EHEPCL</li> <li>ands for providing 5% power free ate Govt. under LADF as per Hydro cy, 2008 &amp; 2013.</li> <li>Dy. Commissioner, Anini to initiate property survey of Etalin Bridge</li> <li>ive of EHEPCL was told to e responsibility to the Environment for reasonable calculation and non-timber products. The DFO Anini were requested to frame an garding the growth of timber/non-tots for the next 10 years. Valuation al plants/herbal plants should be by the Environment &amp; Forest</li> <li>Dy. Commissioner, Anini to frame for land category namely- Land</li> </ul>	ge should be identified and given	administration and the decision given by $^{+}$
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Arunachal Pradesh. Arunachal Pradesh. Arunachal Pradesh. Arunachal Pradesh. Arunachal Pradesh. Arunachal Pradesh. Arunachal Pradesh. District Administration has initiated the process. Arunachal Pradesh. District Administration has initiated the process. Regarding forest matters, the guidelines of state forest department has to be followed. Anini were requested to frame an garding the growth of timber/non- at plants/herbal plants should be by the Environment & Forest Dy. Commissioner, Anini to frame for land category namely- Land Arunachal Pradesh. District Administration has initiated the process. Regarding forest matters, the guidelines of state forest department has to be followed. District administration shall decide on this issue.	o move a bill in the state assembly ementation of direct cash transfer by development committee (LADC) to accounts of PAFs of the amount in the sale of 1% free-power by the elopers according to new draft Hydro	1
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for land category namely- Land issue.	e responsibility to the Environment partment for reasonable calculation and non-timber products. The DFO Anini were requested to frame an garding the growth of timber/non- licts for the next 10 years. Valuation all plants/herbal plants should be	Regarding forest matters, the guidelines of state forest department has to be followed.
	for land category namely- Land	District administration shall decide on this issue.
te 15 lacs as indicated in draft and consultation with PAC & District A/R&R Plan report. Administration. Detailed Estimation has been done for finalisation of cost for	te 15 lacs as indicated in draft and	Administration. Detailed Estimation has been done for finalisation of cost for construction of houses. Houses shall be

24	Strict adherence to formalities with regards to issue of Inner Line Permit (ILP) to large number of labourers who will be hired by the project	To be followed by district administration.
	developer & contractors during the construction period of Hydro Electric Project (3097 MW). Hence, the District Administration is hereby requested to maintain strict procedure for issue of ILP to hired labourers for the security, safety and safeguard of the PAF's.	
25	Land for CAMPA against the diversion of USF/community Land for EHEPCL/AHEPCL project should be identified within the district and implemented thereof.	In case of Etalin-HEP, vigorous & concerted efforts had been made jointly with Forest department for identification of CA land within the district. However, due to non availability of the same and locals not agreeing to donate their community land for the CA, the CA land was identified by the forest department in Tawang (Arunachal Pradesh).
26	The Labour Law of the state should be amended in order to ensure the basic rights and privileges of the labourers especially women and child labourers viz. Proper working time table, equal pay for equal work, safe working environment and other basic amenities.	Matter pertains to the state Government. However the projects will follow the applicable labour laws.
	Labour law should be reviewed and regulated as and when construction starts.	
27	Provide compensation against Catchment area treatment (CAT).	GoAP will implement catchment area treatment plan in identified area and this issue shall be handled by state govt. within ambit of law.
28	Provide specific fund allocation for preservation of rich Culture & Tradition of Mishmi (Idu).	Under social welfare scheme provision has been kept under EMP for preservation of culture & Tradition of local tribe.
29	Provide separate fund component for promotion and protection of Idu-Mishmi dialect which is endangered language listed under UNESCO.	Under social welfare scheme provision has been kept under EMP for preservation of culture & Tradition of local tribe.
30	Representative of PAPF should be involved in the monitoring of R&R, Environment Management, and payment of Compensation Package.	For monitoring of R&R plan, committee will be constituted under chairmanship of DC and representative of PAF's.
		As per guidelines of MoEF for preparation of EIA/EMP, managing committee will be formed during construction stage to oversee the compliance of provisions made in EMP, Also, Regional Office of MoEF (Govt. of India) shall monitor and ensure the compliances of provision in final EIA/EMP report.
31	Before any construction, boundary of the project proponent and village/ community land should be clearly demarcated so as to avoid land	Payment of compensation packages shall be made by Distt. Administration. Agreed.

	dispute and conflict in between project proponent and PAFs.	
32	The fund allocated for basic amenities and facilities for rehabilitation should be increased and the fund allocated in the SIA is very minimum.	finalisation of Budget for amenities and basic infrastructure in resettlement villages. A provision of Rs 15 Crores for the 8 resettlement locations has been kept towards drinking water, electrification, community centre, approach road, internal pathways, drainage system, avenue plantation, grave yard, etc.
33	Provide specific scheme for cultivation of Mishmi Teeta and Retisi (Paris-Polyphyla) to improve economic condition of indigenous tribes of Dibang Valley (Idu-Mishmi)	Already considered under Biodiversity Conservation Plan of EMP.
34	Allocation of fund for establishment of Mithun (Bos Frontalis) breeding centre in the district of Dibang Valley.	Decision will be taken in consultation with District Administration and shall be incorporated in final EMP report
35	Specific fund allocation and scheme for promotion and protection of varieties of Orchids by establishing Orchid research centre.	Already considered under Biodiversity Conservation Plan of EMP.
36	The influx of a large number of populations will impinge on our constitutional and legal safeguards and also lead to encroachment on our resources such as MFP etc. There is need to taken safety majors.	For protection of natural resources (MFP) Energy conservation measures and Biodiversity conservation Plan was proposed under EMP.
	The greatest concern coming out of EIA, is the completely disconcerting scenario of the local miniscule Idu population being swamped by the outsiders. Some 12000 outsiders will compete with some 700- 800 locals in terms of natural resource extraction and basic civic amenities which is scare, thereby paving the way for extinction of the local Idu Mishmi community. Other than loss of identity, culture and livelihood, the locals will be subjected to transportation and infection of diseases that they may not be immune from. Etalin will cease to be a Idu Mishmi habituated settlement	The impacts of the immigration of Construction workers and their mitigation measure are dealt in detail in chapter 8 of EIA and chapter 4, 5 and 6 of EMP respectively. Some of the mitigation measures are separate accommodation and related facilities for the workers, service providers and technical staff. The mitigation measures to be adopted by the project proponent regarding the transportation and infection of the diseases are described in detail in Chapter 5 of the Environment
37	dominated by outsiders. The traditional aspects of life will be obliterated once our culture unity is dismissed. This is our worst fear as the threat of cultural loss is real and imminent.	Management Plan (EMP). Under social welfare scheme provision has been kept under EMP for preservation of culture & Tradition of local tribe.
38	Nowhere in EIA EMP do we find any mitigation measure and compensation for the permanent loss of Mithun grazing areas, fishing grounds and medicinal plants	In accordance with SRRP-2008, suitable compensation provision has been kept in the R&R Plan under compensation towards FRA (like compensation for the loss/ Extinction of the rights and privileges of the tribal people over the USF land use, other community rights of uses/entitlements such as fish and water bodies, grazing etc).

	community is not likely to be raised by the Government. The EHEPCL must bring in extra measures to counter the losses that will occur due to encroachment on our forest and natural resources.	community is as per SRRP-2008.
40	In order to provide quality skilled and semi- skilled jobs, it is demanded that an 1TI be started at Anini.	Provision for skill development centri has been made in R&R Plan
41	Allocation of only few takhs as the cost for implication for monitoring and curatives measures of probable diseases is not sufficient. There is a need of multi specialised medical centre near the project area	Appropriate budget provision has been made in the EMP towards measures for prevention and cure of diseases. We have kept a provision of hospital in the DPR.
42	<ul> <li>Under the CSR the EHEPCL must provide:</li> <li>Create a corpus fund for the PAFs</li> <li>Construction of a Modern Community Hall cum</li> </ul>	CSR activities shall be undertaken after the COD of the project. However, we have kept a provision of Community Ha
	Auditorium • Flood protection work	I in the EDP of R&R plan. Flood protection works have been covered in Disaster Management Plan of EMP.
43	<ul> <li>Under the CSR the EHEPCL must provide:</li> <li>Adaptation of one village as a Model village for development activities</li> </ul>	CSR activities shall be undertaken afte COD. Model village for developmen activities shall be decided in consultation with Distt. Administration and PAFs.
44	First priority be given to the graduates from the district in providing employment in EHEP	During Construction, jobs will be offered by the Contractors engaged for execution of Etalin HEP. Number of personnel for executing a particular job shall be decided with the progress of works Locals employed during Construction phase would be Trained for Operation & Maintenance of Project after completion based on their suitability. PAFs would be given first preference for jobs.
45	Constitution of Grievance Redressal Cell (GRC)	GRC will be constituted by Disti Administration.
46	Monitoring committee must have not less than 03 PAFs member	Members of monitoring committee will be decided by Dist. Administration.
47	The Jhum land Regulation is not an act to acquire land for Hydro project. Guarantees towards payment of Compensation.	In accordance with the Section 10 o Jhum Land acquisition act, there is a provision for acquisition of land for public purpose. It has been decided by the state Govt to provide compensation as per new Land Act 2013.
48	The provision of Forest Rights Act 2006 must be implemented in full for protecting the rights and privileges of the common man.	Ägreed
49	Heavy Blasting will be used for which will create crack in hill and houses of the surrounding area.	Base line will be created before start o project through videography of the
	Crack in this and houses of the surrounding area.	houses/Structures. Impact due to blasting and excavation operations have been identified in the EIA and suitable miligation measures recommended in the EMP. Controlled blasting shall be undertaken to avoid any crack.

5.5.3	det	terioration of water quality.
C C C C S C	Tal pro acc Mo cur	the Etalin HEP is a second upcoming Dam on to River, EHEPCL must conduct SEIA of all jects in the Dibang River basin in cordance with EIA Notification 2006 & OM of EF dated 28.05.2013. Prior completion of the nulative impact assessment of multiple jects in Dibang valley.
C.C.C.C.C.	clai Dri are fit i to sca (FE	e project is not a run of river project as imed. The project involve high Dam (105 m in & 80 m in Tangon ) 4 coffer dams of which 2 large dam more than 20 m height. So it not nto definition of ROR which is not supposed change hydrograph of the river at any time ite (Federal Energy Regulatory Commission ERC), defines ROR as projects where tantaneous inflow equal to instantaneous
<u>.</u>	53 Channee thro as of 3 con	flows. apter 2 of EIA states that the project will ed 27 MW Power and will generate this bugh 7 diesel Generating sets. This is false the project has already applied for diversion 22MW Anonpani HEP to contribute towards astruction power need of the 3097 MW Etalin ject.
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mitigation measures have been kept in

Monitoring of Ambient Air Quality and water quality during construction period has been proposed in Air and Water

CEIA studies have been initiated by Govt, of India for all the River basins of

Subansiri & Siang basin studies have

already been conducted. Kameng &

Dibang Basin studies have been initiated by the Govt, of India & shall be completed in 11/2 - 2 years time period. The studies are being Independently

The project is concurred as Run of the

river with diurnal pondage scheme by

Central Electricity Authority (CEA), which is a statutory authority of Govt. of India,

Since there is no grid power available in

the region, the construction power is met

through Diesel generating sets to meet

the continuous power requirement.

Anonpani is a separate small hydro

electric project located in downstream of Talo (Tangon) reservoir on Anonpani Nallah. Since this project is not utilizing the water of Talo (Tangon) river, this project cannot be considered as part of Etalin HEP. If constructed in time, the power generated from Anonpani SHEP, may be used for construction of Etalin HEP. The Project cannot fully rely on Anonpani SHEP as it cannot meet the continuous power requirement. Further, Etalin HEP shall be awarded in ICB basis with clear contracting philosophies with probable contractors being responsible for execution of the project. To achieve commissioning of the project in the schedule construction period,

construction power will have to be met by

identified by the Central Electricity (CEA) and

Report (PFR) of the project was prepared

under

Background of Etalin HEP

The Etalin HEP

NHPC

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Pre-Feasibility

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Muck dumping plan of EMP.

Monitoring Plan of EMP.

Arunachal Pradesh. Lohit,

conducted by Govt. of India.

Hydroelectric Initiative launched by the Hon'ble Prime Minister in 2003.

The Etalin HEP (4000 MW) was allotted by Govt. of Arunachal Pradesh (GoAP) in Dec'2008 to Hydro Power Development Corporation of Arunachal Pradesh Limited (HPDCAPL) to be implemented in Joint Venture (JV) with Jindal Power Ltd (JPL). Accordingly, a JV Agreement was signed between HPDCAPL and JPL on 8th Dec'2008. Subsequently, Etalin Hydro Electric Power Company Limited (EHEPCL) was incorporated on 16th May'2009 as a JV company between JPL and HPDCAPL to promote, develop, operate maintain and own Etalin HEP.

Thereafter, ToR for Etalin HEP with installed capacity of 4000 MW was granted by MoEF during Nov'2009. During the preparation of Detailed Project Report (DPR), based on the approved hydrology by CWC, installed capacity was revised to 3097 MW and the same was approved by CEA. Accordingly, DPR was prepared and Technical Appraisal Committee (TAC) of concurred ÇEA DPR the in January'2013. the Subsequently, concurrence letter was issued on 12th July'2013.

As per the approved DPR, construction power requirement of Etalin HEP is of the order of 27 MW, which is to be met through the DG sets due to the remote location of the project.

## Anonpani SHEP

In the meantime, Anonpani SHEP was identified by EHEPCL in accordance with Cl. No 7 (Under obligation of State Government) of MoA signed for Etalin HEP to meet the construction power requirement Etalin of HEP. Subsequently, Anonpani SHEP was allotted to EHEPCL on BOOT basis for 50 years from COD and MoA was signed on 16th April'2013 for its implementation in line with Small Hydro Power Policy-2007 of Arunachal Pradesh. Thereafter, DPR was prepared and concurred by GoAP during June'2014.

It is assessed from the approved DPR |

		that generation of Anonpani SHEP varies from 3.3 MW to 22 MW depending up on the water availability of Anonpani River, being a purely run-off-river project. Hence, it is not a reliable source of construction power for Etalin HEP. However, it would reduce the dependency on DG sets to some extent during the 7 years of construction period of Etalin HEP. This would result in reduction on cost and tariff of Etalin HEP as the power from Anonpani SHEP shall be cheaper than power from the DG sets. As per CI, No 5.2 of MoA signed for Anonpani SHEP, the power of Anonpani SHEP would be sold to either Govt. of Arunachal Pradesh or other party (ies) after the COD of Etalin HEP.
		It is evident from the above that Etalin HEP and Anonpani SHEP are two separate projects which are to be dealt separately in respect of laws, Regulations, Policies, Clearances etc. Therefore, the Anonpani SHEP is neither a sub project of Etalin HEP nor taken out from Etalin HEP.
54	The Hydrology, Geology and Seismotonics chapter in EIA is not done by EIA Agent. It is done by SNC Lavalin Engineering India which is debarred by World Bank for 10 years due to bribing charges. In addition, the firm which did these studies is not on the QCI accredited list of MoEF so their studies cannot form Chapter of EIA.	In the forest proposal submitted for Anonpani SHEP, it is stated that power of Anonpani SHEP would be utilized for construction of Etalin HEP. It does not imply that Anonpani SHEP is a part of Etalin HEP, as explained above. Hydrological and Geological studies are done for the project by expert agencies and approved by the Central Electricity Authority (CEA) - a statutory authority of Govt. of India in consultation with various directorates such as Central Water Commission (CWC), Geological Survey of India (GSI), etc. DPR requires extensive hydrological and geological studies to firm up the project location
		studies to firm up the project location, features, power potential, etc, hence it is a standard practice to undertake such studies by DPR consultant and get them approved from CEA. Once such studies are approved, data is used in EIA study for impact assessment, environment flow requirement, etc.

<ul> <li>on the geology, landslide and disaster potential of the region.</li> <li>on the geology, landslide and disaster potential of the region.</li> <li>No assessment of Impact of Deforestation, Loss of species</li> <li>The ELA does not bother to assess impacts on presence of other fish species as study consider only snow trout</li> <li>The ELA does not bother to assess impacts on presence of other fish species as study consider only snow trout</li> <li>The ELA does not bother to assess impacts on presence of other fish species as study consider only snow trout</li> <li>The ELA does not bother to assess impacts on presence of other fish species as study consider only snow trout</li> <li>The transfer to the accounts of the PAFs of the proponent has not provided any independent. It is merely borrowed data from the reasibility Report of the proposed project. Even of those set of borrowed data is available in project stations for obtaining and that of the Dibang Multipurpose project. Even of those set of borrowed data is available in project stations for obtaining and that of the Dibang Multipurpose project. Even of those set of borrowed data is available in project attaines for obtaining and that of the Dibang Multipurpose project. Even of those set of borrowed data is available in project attaines data are availability is estimated Accordingly, For Etalin Hydro Electric project the observed Discharge data on Elop and Munit of nearby downstream project has been adopted as input. The data is validated by internal and external consistency checks like Mass Curves Stage Discharge Curves. Thereafter the Hydrological aterious consistency checks like Mass Curves stage of scharge date or validated by internal and external and external and external and external and external consistency checks like Mass Curves stage of scharge set or validated by internal and external and stress derived after various consistency checks like Mass Curves Stage Discharge Curves. Thereafter the seris was transported to respective data site s</li></ul>	55	The information in Environment Baseline Status under Biological Status is incorrect.	Irrespective of the stature of consultan the data referred to and used in El/ study of Etalin HEP on hydrology an geology is from government approve studies. Further SNC Lavalin is no debarred by the law of India to work i India. The data present in EIA report are are specific based on detailed field surve carried out during post monsoon monsoon and pre monsoon season a per as ToR issued by MoEF. All the issues are well addressed in El/
<ul> <li>presence of other fish species as study consider only snow trout</li> <li>define that during sampling, 12 species of fishes were observed. Fisheries management plan was prepared after considering the behaviour of all the species recorded and reported from the area.</li> <li>1% free power for management of LADF for cash transfer to the accounts of the PAFs of the project affected area.</li> <li>In the hydrology chapter of EIA, project project affected area.</li> <li>In the hydrological data related to Dri &amp; (Tangon) – The two rivers on which the Etalin HEP is dependent. It is merely borrowed data from the Pre-feasibility Report of the proposed project. Even of those set of borrowed data it is impossible to construct a statistical model for 3097 MW HEP.</li> <li>Stage Discharge Curves. Thereafter the data is validated by internal and externa consistency checks like Mass Curves. Stage Discharge Curves. Thereafter the Hydrological area subout and homogeneity tests. The final Elops series derived after various consistency and homogeneity tests. The final Elops series derived after various consistency and homogeneity tests were reduced by 10 % for observational errors. Then this series was transported to respective damed and homogeneity tests. The final Elops series derived after various consistency and homogeneity tests were reduced by 10 % for observational errors. Then this series was transported to respective damed area to the series was transported to respective damed area to the data is validated to the observed to respective damed and homogeneity tests.</li> </ul>		of the region. No assessment of Impact of Deforestation, Muck disposal, Compensatory Afforestation, Loss of species	prevention and mitigation measures were proposed in EMP Chapters of Catchment Area Treatment Plan, Much Management Plan, Land restoration and Green Belt Development Plan
<ul> <li>cash transfer to the accounts of the PAFs of the project affected area.</li> <li>In the hydrology chapter of EIA, project</li> <li>Fromore thas not provided any independent hydrological data related to Dri &amp; (Tangon) – The two rivers on which the Etalin HEP is dependent. It is merely borrowed data from the Pre-feasibility Report of the proposed project done in 2000-2001, from Brahmaputra Board and that of the Dibang Multipurpose project. Even of those set of borrowed data it is impossible to construct a statistical model for 3097 MW HEP.</li> <li>Correlation and regressions the wate availability is estimated Accordingly, For Etalin Hydro Electric project has been adopted as input. The data is validated by internal and externa consistency checks like Mass Curvess Stage Discharge Curves. Thereafter the Hydrological model was also validated by 10 % for observational errors. Then this series was transported to respective dare</li> </ul>	57	presence of other fish species as study	define that during sampling, 12 specie of fishes were observed. Fisherie management plan was prepared after considering the behaviour of all the species recorded and reported from the
<ul> <li>proponent has not provided any independent hydrological data related to Dri &amp; (Tangon) – The two rivers on which the Etalin HEP is dependent. It is merely borrowed data from the Pre-feasibility Report of the proposed project done in 2000-2001, from Brahmaputra Board and that of the Dibang Multipurpose project. Even of those set of borrowed data it is impossible to construct a statistical model for 3097 MW HEP.</li> <li>WW HEP.</li> <li>Christian HEP is imposed project in project sites, neares available in project sites, neares available hydrological stations data are used as input and after throug correlation and regressions the wate availability is estimated Accordingly, For Etalin Hydro Electric project thas been adopted as input. The data is validated by internal and externa consistency checks like Mass Curves. Stage Discharge Curves. Thereafter the Hydrological model was also validated by Homogeneity tests. The final Elopa series derived after various consistency and homogeneity tests were reduced by 10 % for observational errors. Then this series was transported to respective danged at the series</li></ul>	58	cash transfer to the accounts of the PAFs of the	
	59	proponent has not provided any independent hydrological data related to Dri & (Tangon) – The two rivers on which the Etalin HEP is dependent. It is merely borrowed data from the Pre- feasibility Report of the proposed project done in 2000-2001, from Brahmaputra Board and that of the Dibang Multipurpose project. Even of those set of borrowed data it is impossible to construct a statistical model for	(Hydrology) has to be concurred by the Central Water Commission - a statutor authority of Govt. of India. Basi requirement of accessing hydrology is the Hydrological stations for obtaining observed Discharge, sediments rainfa- etc. whenever there is no station available in project sites, neares available hydrological stations data are used as input and after through correlation and regressions the wate availability is estimated Accordingly, For Etalin Hydro Electric project the observed discharge data of Elopa and Munli of nearby downstream project has been adopted as input. The data is validated by internal and externa consistency checks like Mass Curves Stage Discharge Curves. Thereafter the Hydrological model was developed. This model was also validated by Homogeneity tests. The final Elopa series derived after various consistency and homogeneity tests were reduced by 10 % for observational errors. Then this series was transported to respective dar

		proportion with a rainfall variability of 0.958 for Dri limb and 0.874 for Talo (Tangon) limb.
60	The outsiders should undergo monthly medical check up and anybody found with any infectious disease such as Hepatitis, Flu and Influenza strains, STD and HIV should be isolated and immediately deported from the area.	All these studies were carried out as advised by Hydrology department of Central Water Commission (CWC) which then concurred the water availability series. EHEPCL has also established gauge discharge stations at various project sites from 2011 onwards and the observed discharges are in line with the water availability series concurred by CWC. Chapter 5 of EMP deals with the Public Health Delivery system. Screening camps will be conducted for diseases and only after screening they can be registered for work. The project authorities would ensure that the strict Quartinine procedure should be adopted by the contractors. Provision of budget for Medical Facilities has already been considered including
61	As a possible mitigation measure, no employee colony, labour camp should be located near the current settlements and the project proponent should provide them with their basic amenities and not use present scarce amenities used by locals.	the above. No labour camp and employee colony is foreseen outside the Land acquisition area. As mentioned above, separate accommodation and related facilities for the workers, service providers and
	100013.	technical staff is envisaged.
62	Jindal company has provided training on mushroom cultivation, Poultry Farming and Horticulture farming practices at Roing. These fadies who have obtained these training should be encouraged in their endeavour.	Agreed
63	For working women, a day care school for their children should be opened. A provision for night class should be made for the women of the area, so that ladies / women are educated and empowered. Education provided should be job oriented.	establishment.
64	Special packages for women, widows and orphans should be provided. Special Police cell for women should be opened, so that in case of any sexual harassment, complaints could be lodged.	Provision exists in the R&R Plan in accordance with the SRRP 2008. State Govt subject.
65	Project developer should post a paediatrics and	
66	gynaecologist for people of the area Project affected families cannot be resettled at one go. It would be in pocket wise. Resettlement area should be at one place, so that benefits provided to project affected families could be availed by all.	establishment. District Administration to see.
	Chanti village could be considered for resettlement. The area should be surveyed by	

	Distt. Administration.	
67	Rehabilitation site should be developed with road, link road, etc. prior to start of the project. The R&R works must be completed before the construction phase of the project.	Provision of development of rehabilitation sites exists in the R&R plan. District Administration to see.
68	Compensatory allowance of Rs 2 crore annually for 20 years be given to DRI & Taloh valley PAFs welfare fund from date of commencement of operation of Etalin HEP	To be seen after COD.
69	Jindal company has given training for seven month and issued Diploma certificate. This certificate has got no meaning because neither the Jindal company nor the committee members give any value of the certificate.	We are training people for self- employment.
70	Salary difference is very high between us and employee brought from outside.	It depends on the type of expertise.
71	Jindal company should make an effort to provide teachers in schools where there is shortage of teachers.	Efforts are being made to locate qualified teachers to man the vacant positions,
72	Jindal company has deleted huge land from existing land requirement.	Land requirement has been optimised on the basis of certain technical requirements related to Topographical, Geological & Structural point of view. The feasibility of the proposed structures in the land reduced were not found to be in order due to steepness of slope & existence of adverse Geological conditions which were encountered recently during the geotechnical investigations. As a result, we were compelled to shift the proposed structures further downstream & this area was found to be unsuitable for the intended purpose. However, during detail design engineering, the land deleted shall be revisited, if required.
73	Name of the village that has been misspelt as "Tangon" in the maps should be corrected as "Talo".	Agreed.
74	A office of Jindal company should be established at Anini, so that if any queries are there with public/PAFs it could be address to.	We have a well equipped office in Etalin with proper internet facilities and telephone lines, which are easily accessible.

# **Attendance Sheet**

## PUBLIC HEARING IN RESPECT OF ETALIN HYDRO ELECTRIC POWER PROJECT (3097MW) EXECUTED BY M/S EHEPCL AT ETALIN HQ , DIBANG VALLEY DIST ON 12 th Dec. 2014

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43	SAMPI EKUYA	Rublie	Ahungti	Bit
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46	JAMILI MENDO	Pablie	Etalin	
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# PUBLIC HEARING IN RESPECT OF ETALIN HYDRO ELECTRIC POWER PROJECT (3097MW) EXECUTED BY M/S EHEPCL AT ETALIN HQ , DIBANG VALLEY DIST ON 12 th Dec. 2014

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150	WENDA NELO	public	AKUNLI	Teste
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# PUBLIC HEARING IN RESPECT OF ETALIN HYDRO ELECTRIC POWER PROJECT (3097MW) EXECUTED BY M/S EHEPCL AT ETALIN HQ , DIBANG VALLEY DIST ON 12 th Dec. 2014

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181	KHAPA MITO	public.	Attuli	y pete
182	RUMMINE MIHU	APSY	sarivel	alon ,
183	RUKALO MOLO	public	RYON	And
184	KHOBORO MULO	Pulouic	poli Drec	8
185	RUKING MEYA	public	Angolin	××
185	RAJIN MIHY	IMCLS UNCLS	ANDINO!	mill the fight
187	KARAN TAYU	public	ANDING	Qui-
185	WULTE UMPEY	(J).B	M+LI NAREY	
189	SILULY MEPP	pubric.	efnein HS	Her
190	DINPESH TALIAT	pulguis	Aneinei	ang
[9]	JAAPI MERI	pubas	Akobe	quin
192	puner rices	Public	Aliose	22-

•

SL NO	NAME	DESIGNATION	ADDRESS	SIGNATURE / THUMB IMPRESSION
۱۹۶	Kabang Apum	CO/Naphal	Co tozero.	Anda
194	U g	6.0	Claui.	A.
195	ErTT Apuloay	AE	Nakarboyu	Shot
:96	Dani Miching	Ja	9/02 margam	(Ahisting)
	Kukil Suikia	Canana	1 ta-	P
178	EMSHA TAYY	proprie	Aneine	Anisa
199	PARESH MENIA	public	Achani	and the second s
J.w	BAJ MILLI	pulnic	AThunei	Ous
J21	BMB MILLY	Pulic	Achali	
2ªV	RUBI MISO	UPC	ALIYY	₩/
N	MAMA RONDOD	pulotic	Anier	MRK
Jol	BRI LINDBI	public	anying,	DZ

CL NO	NANAE	DESIGNATION	ADDRESS	SIGNATURE /
SL NO	NAME	DESIGNATION	ADDRESS	THUMB
			-	IMPRESSION
25		pubuic	ANINA	D.
× 1	BAMI MITO	public	RANKI	AN
	METASO MIMI	public	RMAYA	tore
JZG	BUSH& MIHU	Public.	Aquli	ro en i
าอไ	CHENTE prices	public	lefrank Hog	homes
	SACHI MELE	public	Efocen Hg	Sur
121	ASINDA MIYEE	Бу, 72-РС-	Etalino Hg	Farry
222	NASILI TARU	public	efmein Hg	N. Tanu
25)	ATHO MIXE	publiz	AUNALI	
2/4	MANISH MILLI	Provic	equen Hg	Harding
	SANKAR LAL	pristic	Blackin	
26	JUMMI KECHE	public	BRONG	Freede

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SL NO	NAME	DESIGNATION	ADDRESS	SIGNATURE / THUMB IMPRESSION
217-	ANA UMPS	public	Rface HB	
218	ANDAI PULL	public	Efzdin 49	
279	-JANTA CIALDI	public	173	acilui -
20	TAKODE MIHU	public	Aqueli	
J31	LAGTHY TANKY	public	Bhuli	
222	KAMILI MINI	public	Byon	And
22	YODAYA LIN 91	public	Appuli	S. LAN
	ATEN MIPI	Puzzic.	Anpinpi	Jun.
25	POLYKA MITHI	prubnic	Efacin B. poht	Symmet
2Lt	SANDA MIHZ	public	Backing Hog	
2r	LIPI TARA	Public	Dfrein HP.	294
28	David Dutta	pulszie	Etalin	A.

SL NO	NAME	DESIGNATION	ADDRESS	SIGNATURE / THUMB IMPRESSION
229	WADRA HIRI	public	Anici	st te
230	Emiyo Misso	DULZIC	Etalir	4 mist
23)	Ranjul pal	1 17 10 10 202-	Anini	J. Jack
22	LD Rai	public.	Anin	Sect
ોઝે	制. hisso	Lang - Sont	, Etalin	(A)
17	J. Cheby	1002-7	Aurin	and
2A)	Bish Liho	gublic.	new Aripo	R->
735	Kone Molo	gublic.	etalin HQ	<b>.</b>
27	Bubros Tamong	Puloria	Efnern	St.
3	Om Tormang	Sirard	Etalm	Apriance
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Songing Thomps	public	Etalin	Grand -
No	Rayet Some	public	Halan	Fland
				r

SL NO	NAME	DESIGNATION	ADDRESS	SIGNATURE / THUMB IMPRESSION
241	Kubak Taine	J e (EHERL)	Roing	Ú.
272	ASIDU APRALA	Public	Etalin	- Cartan
273	CHUNU APRALO	Public	Glalin	
7.77	RICHA APRAWE	Public	Etali_	15EE
275	Muxtani Hussain	Asit Manager (civil)	Etalin	Aler;
276	Rapesh Tacho	MLA	Dibang Valley	lp.o
247	Simba Mini	Ablic	Anin;	Agri
078	Africt.	Public	Anini	ylight
ואט	D Mips	Public	Anini	Query
250	Artmi puly	Public	Etalin	\$4
251	CHUPA TATU	public	Aruini	Get.
252	Mogan mili	pubile	yni ri	Ajli

SL NO	NAME	DESIGNATION	ADDRESS	SIGNATURE / THUMB IMPRESSION
253	RAIN TANK	PUBBE	Vill-Awabdi	Kat at
2.54	Momai limper	Public	vill-Alcebe	MOMAY
2.55	Distri Lombo	nulni	vill- Aprei	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
256	Youn Mele	public	vill-Etalin HO	CE dante
257	the Anomika Mey	PUBLIC	VIII Fhat's HO	ا <sub>ل</sub>
258	Kasmi Mario	Gpm	VIII - NEW AT OP	0 14.
2.59	Games Milen	p Ub)?2	Ayeso	(vi
2.60	Thandy Umpey	Public	Kikole.	(A)
1 5 6 8 1	Anti hele	publi	Aproni	Alluf.
2.62	Dilip Tayu	GNA. LANGU	Aunti	for
2.63	Asique pulu	GB	punci (TALO)	Pajane
264	Laxmi Auggi	PULLIC	Aromi	lading bitty

SL NO	NAME	DESIGNATION	ADDRESS	SIGNATURE / THUMB IMPRESSION
265	EKO Mono	public	Alcohe	Stare
2.66	Jivan Umpey	PULOUZ	Allohe	(mage
267	Elco Muyo	ריינ	Arynin	E.
268	1. Kimby Milli	Piblic	Attention Hop	Kee
269	Minde Men	public	Etalin Rp	Afriland
2:10	Beta Mini	public	Aunh	a construction of the second s
3 IV	Ruchi Anino	pubric	Agni	Ruly
272	Meta yalla	הינמיג ט י	WW Arop	fat
273	Jak prolo	i	Ctalin Kg	En aller and
274	Sili Anero			) Simero
	Athop; Ruiyu		luw Arep	123
2.76	Jourse Taro	(2007. Scriby	Aussi	Dicarte 12/12/2

SL NO	NAME	DESIGNATION	ADDRESS	SIGNATURE / THUMB IMPRESSION
2.71	Bailo Mele	public	Refain 71 R	Pmh
2718	Plyv prale	public	K-ndil:	
279	Api padu	public	t-fm/n Alg	Dat .
2.80	punsti Mipi	pubn;	new Aropa	U mipi
281	Arizi Malla	ያ <b>ኮ</b> চታሬ	new Aropa	maydelles
282	Empi Mipi	Pulojie.	Eterlin Rp	ENOPI
283	Deyn Mip;	At (TPM	AKObi	DMIPI
ૃષ્કંપ	Soko Tayu	public	EROM	Torres Coga-
285	Tims <u>e priv</u>	public	Aralin Bp	Jul in f
286	Dom' Arena	אין בלא כ	Etalin BI	
287	Mellami pralo	D1:PJ.57	Ctulin Bp	
29,9	Janso Mino	pronic	Aroni	and the

SL NO	NAME	DESIGNATION	ADDRESS	SIGNATURE / THUMB IMPRESSION
289	Ruhi Miumi	<b>5</b> 06576	Aprouli	R-minti
290	Reps men	public	punti (Dri)	free-
291	Dumiya hihu	りいっひっと	punti (Dri)	
292	Same Mign	p11b710	Etalin B	p) S. n.g.
293	Sine Aupo	public	Arranh:	
294	Osi Mario	יזירטיג לי	new Acopo	Ajeny
295	Alcepi lingaj	Public	Etatin HQ	An ang
296	Northo linggi	public.	Attruct	ALC: NO.
297	Dipon Mola	ZPM	Anini	Caller .
298	fime Milli	Pubric	punci (on	) P m3-
299	Juli Mito	pubnic	itiye	See .
300	Bach Minu	,	punt (pr)	as

# 1 1 $\cap$ n $\cap$ 0 6 0 с Ó 11 F 100 10 Ċ. ÷. C. G. 1000 6 G., 0 G. е. o 63 i.... U. 1.1 ι., Ľ., Ц., 1.1

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SL NO	NAME	DESIGNATION	ADDRESS	SIGNATURE / THUMB IMPRESSION
301	Hema Mano	pubtic	New Arop.	<u>A</u>
302	Kising & Ppralo	prioric	Elin	
303	Schil Nishawan	pularic	Anini	Xa
304	Apenda polo	pulalic	Etalin Bp	A.PULU
305	Mina Mimi	GpM Cluisposen	Etau'n Bp	Shing
306	Hara; Apralo	p vls7;∠	Etalin 13p	
307	Zaki hikh	public.	Ayeso	À
308	Alco Augo	Pubnic	Ayeso	A LA
309	Geno TASU	Pulsic	Aumi	gentin
310	Vijay Milli	prblic	Etalin H C	ziff,
311	Ehri Umpey	hp c	Application in the second	<u>A</u>
312	Bisma help	public	Punei (Dri)	4

SL NO	NAME	DESIGNATION	ADDRESS	SIGNATURE / THUMB IMPRESSION
313	Vehrun Tineggi.	ρυλολίζ	Arouli	abing i
314	Muchi Meli	public.	Ectruin 73 P	19E
315	Sipindo Ekroya	្រហារវប	etuin 13 p	
316	TAYA Mule	publik	ttavin 	Que
317	Ibs' Aupr	PUBLIC	Etain	Aline
318	Emohr Mele	DUBISC.	utive	AG.
319	Esan Mihr	Drinia	Ageli	20-
320	Subj Miye	Pilane	Etalin	0-1-2-
321	N. Bahadin hage	GW7- Service	Etnin	
322	Gomte Eleruso		Etnin	G
323	Sapisi Milli	hor some	Etalin 13.p	
324	Rubi Lombo	Public	Aponti	No

# Ó 0 10 0000 33 9 CL. GÎ. 61 0 800 101 15 0 ò 6 ίΩ. 0 1.1 10 No. 161 1 U - C. J 1.5 i Lui 11.3 1.5

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SL NO	NAME	DESIGNATION	ADDRESS	SIGNATURE / THUMB IMPRESSION
325	Juhi Umbo	لمروم	Apanti	- lad
326	Emiya Ekroya	(13 Ant	Etzevin HQ	
327	Keelre Ekroya	PUblic	Etalin	
32.5	Batoni Thyu	Pularic	Amini	w X
329	Note Elkroyn	DV)57.71	Etrulia	NIO TO
330	Rambo Mini	D V कि U c	Anini	Auto
331	Tigap Melo	poblic	punti (Dii)	Inde
332	Daile Muo	0.612.57	punti (Dri	1.0
333	Eto Mapo	pubjec	Etnin	24
334	Babo Exercyn	Public	Etalin	
335	Upi Mikin	թաենն	Alcobe	35
336	Dayapho Mito	public	Alcobe	Care of the second

SLNO	NAME	DESIGNATION	ADDRESS	SIGNATURE / THUMB IMPRESSION
357	You Aprilo	गत्वप्र ६	Hrim	y. Aprolo
338	Fema Ekroya	p v b 7, 1	Elain	F. EMANYA
339	Sank Meto	p v la vie	haring	De-
1340 	Khatco hito	12125716	Atlunti	
341	Mejo Miggi	pumic	Aroui	The
342-	Emithro Mano	) זרפנענן	Alcohe	O. mark
343	Bylim. Tayu	י דעאטיב	Edili	336)
344	Bilili Tayo	Public	Agni	- Andrew
345	Robin Mano	Croit- Somer.	Apayes. Apassi	Alla
346	Binder Augor	public	Etaun	Birde .
347	Sano Cluty	pvbasc	Etalin	Cant
348	Laponi Lama	Du Blic	Efalin	L. Lona

SL NO	NAME	DESIGNATION	ADDRESS	SIGNATURE / THUMB IMPRESSION
349	Nati Mihu	GPM	Aruli	Thirthy
350	Ruhi Yalla	Public	Etalin	and .
351	Rullama Mano	Public	New Aropo	p~ c
352	Heta Umfey	Public	Allobe	At smiled
353	Ronignumpey	Public	Акење	2 un Pry
354	Vikas. Sharma.	EHEPCL	Etali n.	Viker
355	Huchi Mano	Public	Etalin	Ken 3-
356	Amu Deep	EHPCL	Etalin	Amai Deep
35,7	Bhim Kastyap	EHEPCL	E talin	miser-
35,8	Lameney Yeilla	Public	Etalin	Due-
359	Sende Mele	(jout Employee	Etalin	-
360	Bimal Ruhu	Public	Aruli	when

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SL NO	NAME	DESIGNATION	ADDRESS	SIGNATURE / THUMB IMPRESSION
2/-1	Altula Ekroso	Public	Etalin	Dekrso
362	Rubin Elsou	Public	Etalin	Re.
363	Khuko Miggi	Public	Asuli	On-y
364	Rajiv Mano	Public	Allobe	And
365	Duchi Melo	Public	Punti(On)	chert
366	Obmog Mieggi	Public	Arrin]	the the minis
367	Shashi Apron 10	Publi	Etallin	Ser.
368	Shatato Molo	Gove Bervic	Edalin	Bil
369	Lata Mano	Public	Altobe	Juno.
370	Rakesh Ekru	Public	New Aropo	C C
371	Umech Pocha	Public	Efulin	July of the second
372	D. Lysh	oc N Ani	Ann	Axh

SL NO	NAME	DESIGNATION	ADDRESS	SIGNATURE / THUMB IMPRESSION
313	Aleha Pulu	Public	Etalln	NIPULY
374	Yota Mela	GB	Punli (Dri)	
375	Heni Tayu	Public	Eson	AM
376	Baku Mano	Public	New AUTOPO	BAYM
311	K-okena	41N40	Etalin	d.E
378	Bhutmi Mepo	Public	Etain	Pa
379	Paro Mano	Public	Allobe	
380	Merra ElC	Public	Anonli	Tomel.
381	Janala Elroya	Public.	Attunti	Janda
382	Saya Mele	Public	New Aropo	
383	Junih Kata	APSPCB Saintur	NID	Jhoth_
384	Wula Mihu	Public	New Asopo	C

SL NO	NAME	DESIGNATION	ADDRESS	SIGNATURE / THUMB IMPRESSION
365	Telaka Yalla	Public	New Asipo	
386	Namaga Yalla	Public	Anuli	
387	Aprita Pulu	Public	Azali	·
388	Voyay Tayu	Public	Eron	W227
389	Anchi Mepo	Public	Matali	Barrelt
390	Rundu Mihu	Public	Aguli	Rmy
391	Nami Mepo	public	Arzu	Nh
392	Peng Pertin	PHC	Etalin	28t
393	Panchi niggi	Public	Andi	0-21.
	Elasha Melo	Public	Punti (Doi)	F. meet
	Eli umpey	РиЫіс	Merkaney	ę. um ry.
396	Amibi Tayu	Public	Eron	Konthe

		ATTENDANCE		
	UBLIC HEARING IN RESPEC 97MW) EXECUTED BY M/S		IN HQ , DIBAN	
SL NO	NAME	DESIGNATION	ADDRESS	SIGNATURE / THUMB IMPRESSION
397	Shemti Phalu	4/Servic	Efulin	C.H.
398	Sungaya Eksaya	Public	Efalin	s Mili
399	Muya Tayu	Public	Aruli	
900	Eephi Melo	public	Etalin	
401	Elasha Apralo	public	Etalin	2à
402-	Memaya Miuli	Рльвіс	Angulin	
	Machun Menio	Public	Augulin	
	bumli kiku	Public	puuli(02)	
	Juli Miklum	Public	Efallin	anichi
,	Tangeray Mepo	Public	Arunii	
~	Saha Mele	G/Bervil Traches	Efailin	afen
	Akluato Mele	G/Servic	Etalin	ANK .

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SL NO	NAME	DESIGNATION	ADDRESS	SIGNATURE / THUMB IMPRESSION
409	Gumpia Apralo	Public	Etallin	
410	Bashyay Ekroso	Public	Efalin	
NI	Jupili Mele	Public	Efalin	
412	Wumeetin Tarqu	Public	Actuali	Qt
ЧB	Mahleh Tayu	Public	Bary _	And
414	Wunalia Memo	Public	New Aropo	W.Maus
415	Pija Sumar	Public	New Asopo	P.Samor
Jly	Teeni Milli	Public	Andi (Dri)	Call Control
417	Reha Yalla	Public	Anini	Rahi
	Egn mega	Public	New Arop	
	Bag Mega	Public	Ay50	22 ting
	Pach Apralo	Public	Etalin	Her

# PUBLIC HEARING IN RESPECT OF ETALIN HYDRO ELECTRIC POWER PROJECT (3097MW) EXECUTED BY M/S EHEPCL AT ETALIN HQ , DIBANG VALLEY DIST ON 12 th Dec. 2014

SL NO	NAME	DESIGNATION	ADDRESS	SIGNATURE / THUMB IMPRESSION
421	Gohani Ekoroya	GPC	Etallin	Certang -
422.	Govey Apralo	Public	Efallin	No.
423	Ariju Mena	Public	Achali	G
	Mela Melo	Public	punli (Doi)	m. melt
	Meniti pulu	ASM	Punli(pri)	Mily
426	Kosmita Kiemo	Public	Alcobe	for
427	Roliff Monto	public	Alcobe	( ) · · ·
	Chapi Milli	Public	Pun li (Doi)	C. Martin C. Mar
	Agano Melo	Public	Punli(pri)	garto
430	Limi unpey	Public	New Aropo	Lumper
	Kokey Mito	Por GB	Attimi	Carel .
	Ennimer portun	Public	Etalin	
I	/ 9	I	I	

12

SL NO	NAME	DESIGNATION	ADDRESS	SIGNATURE / THUMB IMPRESSION
433	Dechu Melo	Public	Punli (Doi)	Diff.
¥3¥	Anjoya Dullu	Public	Anurli	
1	Elaka Uleto	Public	Punili (Dri)	
436	Juni Melo	Purblic	Printi(Dri)	0
	Gumy Arihu	public	Asunli	45
438	Eto Milchu	Public	Ay 50	ţv.
439	Garo molo	public.	Malaney	(up
440	D.K. Gemange	G/servic	Efalin	Aar
441	Lauju Mele	Public	Efalin	he
442	Keekay Yalla	Public	Etalin	к у
443	B milli	ASM Chanman	Aalin	Pas-
444	Warkana Mullo	Public	Malaney	as mal

SL NO	NAME	DESIGNATION	ADDRESS	SIGNATURE / THUMB IMPRESSION
445	Achilley Ekon	Public	Angulin	Jun /
446	Do. Biyom Potom.	PHE	Etalin	Jan X
44]		Public	Efeilin	d
448	Ahi Mihu	Public	Etalin	Rivel
449	Rebani Miso	Public	Efalin	Gino
450		Arblic	Etalin	
451	Gasu Milli	Aublic .	Anini	Claise
452	Kalu Mele	Public	Challin	Kahe
	Denoted Mito	public	Eteallin	D. wite
	Ayalo pulu	<b>Public</b>	Etalin	Q.:
	Amali Mena	Public	Hallin	Anini
	Solo miso	Ge/servic P.I	Etallin	affit

SL NO	NAME	DESIGNATION	ADDRESS	SIGNATURE / THUMB IMPRESSION
457	Rikugey Mindi	1M& ES Women Wigs	Anini	Runit
458	Hema Prilu	GPM	Etallin	Bare
459	Shava Lombo	Public	Edallu	S. Louiso
460	Chemay Miso	Public	Etalln	C. misr.
461	Kata Taju	puti	Achali	K FOJW
462	Onne Mipi	publ'e	Attal	Gr
463	Muliza Miky	Public	chalis	Rint
464	Rupi Meya	Public	Etallin	deg-
465	Eta Melo	Public	Punti(on)	And 2
466	Muken Tayu	Public	Anini	mon
467	Ayto Miyu	Public	Gallin	Dite
468	Khurdu Mepo	Public	Matuli	Jundy

SL NO	NAME	DESIGNATION	ADDRESS	SIGNATURE / THUMB IMPRESSION
469	ANIL DHAR	AVP	ELEPCL, Gurgan	They which is
470	DHEGRAJ MARUMA	DGM	EHEPCL GURHAN+	In Internet
ųΉ	Sowik ICHAMARY.	Aam	ETAEFU GNAU BAR	5. hh 12-12. 02
472	ur Deshmukh	5IA Ionsuitern	R-S Eminda	Ralun Den KH 12-12-14
43	Dr. Doije Dana	Scientist	CISMHE Velli Un	Ja- 12-14
414	Narendra kraspat Mishro	AGM.	EHEPCL	- 12/12-
475	La- Lingor	Asst Kim.	Enella.	Rupi-
y72	Li DoGuque t		FIFACE	Le J
411	M. MADAN	p	EHEICL (1) gum	ms
५1%	Be I him Chen de Barch	Į T	R HEPCI	Brat
479	DR. BIJIT JUARANA	Deputs Mana in	EHEPCL	Que
480	Anil Bhize	Assistant Manuger	EMEPCL	- Redahing

SL NO	NAME	DESIGNATION	ADDRESS	SIGNATURE / THUMB IMPRESSION
481	Rgjesh Kunner Gang	A.G.M Electril	EHERCH.	2161300
482	SUDRIF TING the	Og mmyra	Eache	Sulta Isu Istuloin
483	Wivek Thaldyct	Prvi remmentist Committee I		Q.J.
484	J.P. Bhall	Sr Scitche	V CISMILLE Delle Univ	the bar 105
485	Muchael Patro	AUP, HAS Delan	EHEPLI.	handsta
466	Slight Blardung	AM, Gerloy	Enerce	Shill Revent
487	Romesh Ro	AMOLIVIL	EHEPCL	2 Near
468	Balkaran Singl	DFM-Gut	EMERCL	amabrily 12.12.14
489	R.K. SHRIVASTAVA	Jy Hop	EHERL	Phintinginging
490	Dr. JBChoudhary	AGM	EHEPCL	12 milling
49)	Rajendou singh Nen	Jy. Manage	TEHEDU	Ane Aztzory
492	Monish Binson	ACM-HR	BHEPCL	M. 12 12/201 4

SL NO	NAME	DESIGNATION	ADDRESS	SIGNATURE / THUMB IMPRESSION
५93	Ma Genoral Lyi	Residen	EHERCL	Barn i
1	Commandant RICRSi			
X95	Sunil Kuman	Nanayur	EHEPCL	Aut
496	Moge minu	PRO	RHBPCL	Ref
497	Santoin Koralgikon	Dy-monages	EHEPLE	lburewon
495	P. B. Sharme	Dy Kay	AHEPCL	Bluel
499	TAMU pulu	pressie	Efaction HQ	
500	ASHA puer	public.	Riteli'n Hog	ĊJ
501	EMPI KIBYA	BYC ZPC	BTALIN HB	A
502	ARUN MILLI	5-E	EHEPCL	Att Lund
503	GAMDE DIGNIUM	AM	EHERCL	Rim
507	Ravi Bhushan Miklow		EHEPCL	

SL NO	NAME	DESIGNATION	ADDRESS	SIGNATURE / THUMB IMPRESSION
505	Bakhtawarshe	8-0	EHLPOL	Sad
506		CSO	,	(25
50)	Mandeet singly	ssly	6.4	Singh
SUB	pankalan	SBG	a.	Dan
509	S. p. Shanner	1+G.		Tung
ŝyb	moham Lal	s4		an
51)	V1/2054.	5-54		URCUSE
SIZ	Sumil Dagne	38-7.		Sul.
513	Athupa Mauo	EHEPCL	Etallin	and in
C,14	Takidi Meh	EHEP41	punhi	Thurs
515	Tako Lega	E-HE-pcl	Etalis	Ch
516	G.P. singh	EHEPO	Etallin	Put

SL NO	NAME	DESIGNATION	ADDRESS	SIGNATURE / THUMB IMPRESSION
557	Kumor San	E. H. F. P.C.L	Etalion	æ
518	Anillen	EMERC	Etain	Aug
519	Sumi Jogna	E HERCL	Elali	aus_
520	and eng	Ercrc.	do	SP
521	-Jitender Yadov	FHEÏC	do-	-frel
522-	Y K Shanna	SINE / CC	ch	Se.
<u>5</u> 23	Vilkash Phon	ENERCL	d	non
524	10hon lel	E. M.C.PCI	do	Q
525	Mayre tSingh	EHCR	-de-	AFingh
52b	Paner Stag ++	Q. H. C. P.C.	. do	Janvy
527	Gonal clieton			alsi
528	Himonthe Elig	EMERCL	- de	(tiput

SL NO	NAME	DESIGNATION	ADDRESS	SIGNATURE / THUMB IMPRESSION
ç29	Maina Kuwar	puptre	Etalin	Mr. varea.
530	Resen: Apralo	pviolic.	Etalun	Superi Doord O
531	Kispa Sharkas Qr	n EHEPCL	Etaler	Qil.
532	Atama Lombo	Public	Halin	
533	CASTRUMAN	EHECIL		A Soundary
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# PUBLIC HEARING IN RESPECT OF ETALIN HYDRO ELECTRIC POWER PROJECT (3097MW) EXECUTED BY M/S EHEPCL AT ETALIN HQ , DIBANG VALLEY DIST ON 12 th Dec. 2014

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# Representations/Petitions submitted by the Project Affected Families (PAFs)/Public

## OFFICE OF THE PROJECT AFFECTED PEOPLES FORUM EHEPCL&AHEPCL DIBANG VALLEY DISTRICT:::::ETALIN

No.PAPE-02/2014-15/

Etalin, the 12<sup>th</sup> Dec 2014

The Member Secretary Arunachal Pradesh State Pollution Control Board Government of Arunachal Pradesh Itanagar.

## Sub:- SUBMISSION OF "CHARTER OF DEMANDS" IN RESPECT OF PAF'S UNDER EHEPCL DURING PUBLIC HEARING.

R/Sir,

To

With due respect, 1 on behalf of all PAFs residing in PAA(Project Affected Areas) under EHEPCL, hereby submitting following 37 points "CHARTER OF DEMANDS" to be materialize by the Project Proponent i.e., Jindal Steel & Hydro Power Company Ltd. through the designated officer of the State Government:-

- Strike out words such as solung dance, adi tribe and ja-jin-ja as a folk song of Idu (Mishmi) from the draft SIA report before publication of final SIA report. Since whole Dibang Valley District is entirely inhabitated by one tribe i.e., the Idu-Mishmi tribe, that's why the project developer should not mention solung dance as a major festival, Adi tribe as a major tribe and Ja-Jin-Ja as a folk song of Dibang Valley District. Therefore, the PAPF hereby request the project developer to rectify the mistake immediately.
- 2. Budget for construction of feeder school for both Dri and Talo Limb should be enhanced up to Rs. 10 crores.
- 3. Additional economic package should be given to partially affected villages viz., Aguli, New Aropo, Athunli, Ayeso similar to additional economic package earmarked for Arunli village amounting to Rs.95,00,000/-.
- 4. Revision of lists of PAFs should be undertaken immediately. It has been found out that names of some PAF members were not given in the original PAFs list. Hence, it is requested to rectify the PAFs list before its final publication.
- 5. As per draft SIA report numbers of involuntary displaced family is 156 only out of 256 families. As per our knowledge, numbers of involuntary displaced family may be more than 156. Thus, revision of lists of involuntary displaced family is necessary.
- 6. Appealed to MD, Sri Toko Anuj, Hydro Power Development Corporation Ltd., AP and the representative of JPL not to sale the M/s EHEPCL and the M/s AHEPCL projects midway to other interested Private or CPSU players. Hence, the Govt. may obtain "Letter of Authority" from the Jindal Power Ltd., wherein it will be clearly written that the management of EHEPCL/AHEPCL shall remain in the hand of Jindal Power Ltd. till commissioning of the project in the larger interest of the PAF's.

- 7. Number of self employed local artisans given in the draft SIA is 9 persons only. Hence, review of same is necessary to ensure that names of genuine self employed local artisans both man and woman should not be deprived of benefits they are entitled under provision of law. In addition, one time financial assistance of Rs.25,000 proposed for local artisans should be enhanced up to Rs.50,000/-.
- 8. Project developer is urged to provide scholarship for 50 students annually for 45 years instead of 10 years.
- 9. Entire PAFs of Akobe village should be included under involuntary displaced family.
- 10. Insert provision for allocation of 2 hectares of agricultural land and 2 hectares of horticultural land and 10 hectares of grazing land for domestic animal like Mithun in and around the resettlement area.
- 11. Under Health Care Facilities-one referral hospital should be established at Etalin Bridge Point area.
- 12. Routine vaccination programme and health check up should be undertaken however, prior consultation of PAPF/PRI members/GBs is necessary during the peak hour of construction of Hydro Electric Project.
- 13. Regular sanitation programme under CSR scheme should be undertaken involving the PAPF executive members and the PRI functionaries at R&R colony to maintain the Health&Hygiene of the PAF's.
- 14. If possible housing grants should be given to entire PAFs of Etalin HQ since it is located in the proximity of prime working zone area.
- 15. Compensation should be given at the highest possible rate i.e., 4 times as envisaged in the RFCT in LARR Act, 2013 against the diversion of the USF/Community Land and against the killing of access to Rights & Privileges.
- 16. Budget for R&R Plan should be enhanced from 15 crores to 30 crores,
- 17. PAPF demands for allocation of contract work upto 5 crores on Non-Tender basis to the PAFs.
- 18. Each and every individual who attained 18 years of age should be identified and given separate household in the revised PAF list.
- 19. Appealed to Shri Rajesh Tacho, MLA 41st Anini (ST) A.C. to move a bill in the state assembly for implementation of the direct cash transfer by the Local Area Development Committee(LADC) to the bank account of PAFs of the amount received from sale of 1% free-power by the project developers according to New Draft Hydro-Power Policy, 2013 in respect of the EHEPCL Project.
- 20. PAPF demands for providing 5% power free from the State Government under LADF as per Hydro Power Policy, 2008 and 2013.
- 21. Appealed to Dy. Commissioner, Anini to initiate immediate property survey of Etalin Bridge Point.
- 22. Representative of EHEPCL was told to handover the responsibility to Environment & Forest Department for reasonable calculation of timber and non-timber products. The DFO and RFO, Anini were requested to frame an estimate regarding the growth of timber/non-timber products for the next 10 years. Valuation of medicinal plants/herbal plants should also be analyzed by the Environment & Forest Department.

- 23. Appealed to Dy. Commissioner, Anini to frame new rate for land category namely- Land Approachable by Motorable road atleast up to Rs.120/-.
- 24. Additional economic package for Etalin Hq. similar to package earmarked for Arunli village amounting to Rs.95,00,000/-,
- 25. Provide housing grant of Rs.25,00,000/- against the approved rate of Rs.15,00,000/- as indicated in draft & summary SIA & R&R Plan report.
- 26.Strict adherence to formalities with regards to issue of Inner Line Permit(ILP) to large number of labourers' who will be hired by the project developer &contractors during the construction period of Hydro Electric Project(3097 MW). Hence, the District Administration is hereby requested to maintain strict procedure for issue of ILP to hired labourers for the security, safety and safeguard of the PAF's.
- 27. Land for CAMPA against the diversion of USF/Community Land for EHEPCL/AHEPCL project should be identified within the district and implemented thereof.
- 28. The Labour Law of the state should be amended in order to ensure the basic rights and privileges of the labourers especially women and child labourers viz. proper working time table, equal pay for equal work, safe working environment and other basic amenities.
- 29. Provide compensation against Catchment Area Treatment(CAT).
- 30. Provide specific fund allocation for preservation of rich Culture&Tradition of Mishmi(Idu).
- 31. Provide separate fund component for promotion and protection of Idu-Mishmi dialect which is endangered language listed under UNESCO.
- 32. Representative of PAPF should be involved in the monitoring of R&R, Environment Management, payment of Compensation Package.
- 33. Before any construction boundary of the project proponent and village or community land should be clearly demarcated so as to avoid land dispute and conflicts in-between Project Proponent and PAFs.
- 34. The fund allocated for basic amenities and facilities for rehabilitation should be increased as the fund allocated in the SIA is very minimum.
- 35. Provide specific scheme for cultivation of Mishmi Teeta and Retisi(Paris-Polyphyla) to improve economic condition of indigenous tribe of Dibang Valley(Idu-Mishmi).
- 36. Allocation of fund for establishment of Mithun(Bros Frontails) breeding center in the district of Dibang Valley.
- 37. Specific fund allocation and scheme for Promotion and protection of varieties of Orchids by establishing Orchid Research Center.

That sir, above "CHARTER OF DEMANDS" are the genuine grievances of the PAF's relating to the free-fair & transparency on implementation of "Compensation against the diversion of the USF/Community Land & killing of access to Rights & Privileges based upon the RFCT in LAAR'2013.

This is favor of your kind consideration and necessary action please.

With high regards.

Yours faithfully,

1912/14

(Tasku Tayu)Chairman (Project Affected Peoples Forum) EHEPCL/AHEPCL::ETAUN Etalin the 12<sup>th</sup> Dec'2014

No.PAPF-02/2014-15/

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A.,

- 1. The Hon'ble MLA, 41<sup>e</sup> Anini(ST) Assembly Constituency for kind information please.
- 2. The Commissioner(Power), Govt. of (A.P) Itanagar for kind information please.
- 3. The Deputy Commissioner, Anini for kind information please,
- 4. The Principal Conservator of Forest, Govt. of (A.P), Itanagar for kind information please,
- . 5. The ZPC, Dibang Valley District for kind information please.
  - 6. The Circle Officer, Etalin for kind information please.
  - 7. The HOP, EHEPCL, Etalin for kind information please.
  - 8. The DIPRO, Anini for wide publicity please.
  - 9. The Editor, Arunachal Times for publicity please.
  - 10. The Editor, Roing times for publicity please.
  - 11. Office copy.

(Tasku Tayu)Chairman (Project Affected Peoples Forum) EHEPCL/AHEPCL::ETAUN

The Chairman, Public Hearing Panel, Étalin.

### Sub <u>Submissions in the Public Hearing for Environmental Clearance of EHEP (3097\_MW).</u> Sir,

The undersigned on behalf of the Project Affected People of Dibang Valley District would like to submit the following points in the Public Hearing for the Environmental clearance of the Etalin Hydroelectric Project (3097 MW).

### 1) Comulative Impact Assessment (CIA):

The Etalin Hydroelectric Project (3097MW) is a second upcoming dam on the Talon (Dibang) River. Therefore as per the EIA Notification 2006 the EHEPCL must conduct a Cumulative Impact Assessment of all projects in the Dibang River Basin. This fact has been reiterated by the Government wide Office Memorandum (OM) of the MoH&F dated 28th May 2013.

#### 2) False Labels & False Claims:-

a) FALSE Labels: The Project is not a Run of the River Project as claimed. EIA should not label the project as ROR. The project involves high dams (101.5 m on Dri and 80 m on Tangon), 4 coffer dams of which 2 are large dams more than 20 nuts high, large scale diversion of 16.5 kms in Dri River and 18 kms in Tangon River and its land requirement higher than one thousand hectares of biodiversity rich forest land. The project will undertake peaking and it does not fit into the definition of ROR which is not supposed to change hydrograph of the river at any time scale (Federal Energy Regulatory Commission (FERC), defines ROR as projects where instantaneous inflows equal instantaneous outflows)

b) FALSE Claims: Chapter 2 (24.14) states that the project will need 27 MW Power and will generate this through 7 Dicsel Generating sets. This is false as the project has already applied for Forest Diversion for 22 MW AnonPani Project on the Tangon River to "contribute towards construction power needs of the 3097 MW Etalin Project". (in the Form A submitted to MoEF.)

Therefore, the EIA is faulty and misleading.

#### 3) Hydrology:-

The Chapter 4 in the EIA is Annexure IV. Annexure IV is done not by the EIA Agent but by SNC Lavalin Engineering India. SNC Lavalin has been debarred by World Bank for ten years following bribing charges (Also from India re. HEPs). In addition, the firm which did these studies is not on the QCI accredited Lists of Moef dated 7 Nov 2014. Their studies cannot form Chapters of EIA Document.

4) Geology and Seismotonics:- The Chapter 5 in the EIA is Annexure V. This Annexure V is also done by SNC Lavalin Engineering India. So it is not acceptable, to say the least.

5) Environmental Baselines Status; Biological Resources:- The Chapter 7 is entirely unacceptable as it hides and negates the ecological richness of the region.

- It claims that only 447 plant species with 29 pteridophytes, only 17 species of orchids. With
  only one endangered plant species, that too, the report claimed can be only "tare" and that it
  was not encountered in quadrat surveys.
- Mammals It says that during survey only 5 mammal species were encountered. Total list is
  restricted to 26 mammal species, only 3 endangered Species, 5 in Schedule I. Reasons for
  threat human conflicts and poaching
- Avifauna is represented only 33 species, with only 2 Schedule I species and I Near threatened species (Great Hornbill)
- Reptiles represented by 11 species
- Amphibians represented by 5 species
- 45 species of Butterflies
- Fishes diversity of Dri and Tangon Rivers stated to be comprised of just 12 species.

# This information is incorrect. This region is a part of Mega Biodiversity hotspot and also Eastern Himalayan Biodiversity hotspot for fish diversity.

- It is estimated that there are about 6000 plant species. 100 mammal species and about 700 bird species in the Mishmi Hills region, and more can be discovered with additional efforts. There are also a large number of butterflies and insects, several news species being discovered each year Tiger, common Leopard, Clouded Leopard, Snow Leopard, Golden Cat, Jungle Cat, Marbled Cat, Red Panda, Hoolock Gibbon, Mishmi Takin, Serow, Musk Deer, Himalayan Black Bear and the Leopard Cat are found in the region, which find no mention in the EIA.
- In a recent study, about 300 species of butterflies have been recorded in Dibang Valley District, including new species being recorded.

Therefore it is clear that the baseline biodiversity presented in the EIA report is severely compromised

6) Impact Assessment:- This is the weakest chapter of the EIA and fails to do any comprehensive and project specific Impacts Prediction:-

a) Impacts during Construction Phase: No mention of impacts of blasting and tunnelling on the geology, landslide and disaster potential of the region

 No assessment of impact on RET species. The EIA says that RET Mammals live in deuse forests in upper catchments, but the project site itself is dense forest region! The report also states that. Since significant wildlife population is not found in the region, no major adverse impacts are onticipated on this account." This is an irresponsible claim to be made on the basis of flawed biodiversity baselines.

- The EIA suggests that migratory fish "may be affected" this is a biased reporting. The study
  only considers impact on one specie, that is Snow Trout and does not even bother to assess
  impacts on or presence of other species.
- The ETA states that fish will get "adapted" to changed hydrology and can use tributaries. No
  assessment of planned projects on tributaries, or mention of additional projects like Anon
  Pani HEP and its impacts of fish species mentioned.
- The EIA dismisses any downstream impacts on communities saying communities don't depend on the river. No assessment of impact of deforestation, muck disposal, compensatory Afforestation, loss of species on local communities done.
- No impact assessment of impact of blasting and tunnelling on water sources of communities done, although tunnels pass drainages and streams on which communities directly depend.

#### b) During Operation Phase: No study of reservoir emissions done

- No mention of impacts of peaking on biodiversity, sediment regime, bank stability, downstream safety done.
- The EIA states that in operation sate there will be positive impact on Land Environment due to restoration activities! This is only a hp service as restoration, even if done ideally ( which is not observed in case of hydropower projects in India) will lead to degradation of land environment and not enrichment.
- EIA mentions that there will be no impact on flora and fauna during operational stage. This is
  false as peaking will severely affect flora and fauna as well as taise safety concerns. Animals
  are not expected to understand peaking sirens. No mention of Sirens or any alarms has been
  made in any case.

Keeping in view the long term effects of all concerned we feel that the ElA should be redone and then Public Hearing conducted for Environmental Clearance

Thanking you.

Yours faithfully (Jibi Pulu)/ Chairman, KICES

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Member Secretary,

Arunachal Pradesh State Pollution Control Board

Şub : Public hearing for EHEPCL, Etalin on 12-12-2014

Sir,

With reference to the notice for public hearing as issued by your office, I, on behalf of my clan members and other affected people of Etalin and Anini circle would like to place the following before you for your record:

- 01. The notification for acquisition of some areas was made under thum Land Regulation 1947 after denotification in July 2014. It was not circulated for public information by the administration. It erequested that the acquisition notification be made under the new act of 2013 (RFCT LARR 2013).
  - a. The Jhum Land Regulation is not an act to acquire land for hydro projects.
  - b. On exception acquisition may be made for public purpose and this exception was made for road projects
  - c. Pl inform what are the protection and guarantees towards assessment and payment of compensation?
- 02. It is also important that we are informed of the nature and procedure of acquisiton of land as it is seen that notices are not being served after being published in the gazette. It is not possible for a person at Etalin or Punil to know when and how gazette notification is issued. It is mandatory that a 1 month public notice is issued and circulated by the District Administration and the Circle Officer.
  - a. Ensure that all copies of notification are to be issued by Circle Officer, Etalin after due publication by DC Anini.
- 03. The "Social Impact Assessment" as published for EHEPCL is not correct for the following reasons.
  - a. The study is supposed to be undertaken by the Dist. Administration but has been undertaken by a private party engaged by EHEPCL,
  - b. When SIA is to be prepared it is to be prepared by a committee notified by the Government.
  - c. The Resettlement and Rehabilitation component is also to be decided by the district administration and the number of affected people is to be decided by the District Administration

#### and not EHEPCL.

- 04. In inviting reference to the issue of "employment of local tribal people" as highlighted in the Social Impact Assessment Report,
  - Define the term " local tribal people"
  - b. Will it mean the local Idu Mishmi tribe or tribes of Arunachal Pradesh?
  - c. Will the job guarantee be for Local Idu Mishmi tribe or for other tribes?
  - d. What is the nature of job guarantee and security in ÉHEPCL?
    - i. What are the provisions providing for security of job?
      - ii. Are the employees on third party contract where if anything happens to the employee, the Company will shut its doors and the responsibility fixed on the contractor?
      - iii. What are the provisions and benefits available to family member in case of accidents in the workplace?
      - iv. The new act for land acquisition provides that one member from each family must be provided job in the project or the project developer is to find a job for that person. Will EMEPCL provide job to 1 member from each family as per the statutory requirement?
- 05. Corporate Social Responsibility.
  - a. The SIA contains what will be given to the affected. It is mandatory for the project developer to provide these statutory provisions as outlined in the AP R& R Policy, the Right to Fair Compensation and Land Acquisition and Rehabilitation and Resettlement Act.2013.
  - b. Every project developer is supposed to highlight its effort towards Community and Social Development through Corporate Social Responsibility.
  - c. Pl inform what are the guarantees for CSR and what percentage contribution will be from EHEPCL while the project is under construction
  - d. what percentage of profit will be diverted when the project is commissioned.

- 06. Implementation of provision of Forest Rights Act 2006.
  - a. The provision of Forest Rights Act 2006 must be implemented in full for protecting the rights and privileges of the common man.
  - b. Gram Sabhas will have to be reconvened so that all issues are discussed in an open and transparent manner. EHEPCL would do well to remember that the Vedanta Resources and POSCOs steel project were stopped by the Gram Sabha.
- 07. Under the clause for providing contract to local contractors, pl clarify the following:
  - a. What are the possibilities that contracts will be given to Project Affected People when they will be left with no land, homes or resources.
  - b. What are the specific contracts and the requirements for such contract to be taken up by local people as it is evident that the local people will not be able to take up contractual works if too many conditions are increased;

It is important to understand that people are being exploited in the name of providing some economic benefits. The project is touted to be a development project but we must realize that this is not the development we asked for. It has been foisted on us and we are ready for such provided our demands and conditions are met for a ... secure and safe future.

Hence it is requested that all answers be provided in writing for the record.

Your Sincearly, Name & Umesh Pocha Etalin.

#### Copy to :

- 1. The Chairman, Expert Appraisal Committee, MoEF, New Delhi
- 2. The Chairman. Forest Appraisal Committee, MoEF, New Delhi
- 3. The Chief Secretary, Govt. of Arunachal Pradesh, for information
- 4. The Deputy Commissioner, Dibang Valley District, for information
- 5. The Circle Officer, Etalin for information.
- 6. The Head of Project, EHEPCL, Etalin for information.

Safety measures against future impacts of the excavation of tunnel, during and post construction:- Since such measures find no mention in the MoA signed in between the EHEPCL and the Govt. of AP, the later must keep in place the instrument of policy to implement the mitigating measures as and when needed.

**Provision for Agricultural land to the Involuntarily Displaced land owners:**- The provision of agricultural land as per the SRRP 2008 seems to be missing in the draft EIA. This must be rectified at the earliest and the inclusion clarified.

**CSR and Community Development :-**

# Under the CSR the EHEPCL must provide:-

- 1. Create a corpus fund for the PAFs.
- 2. Construction of a Modern Community Hall cum Auditorium complex at Etalin.
- 3. Flood Protection works along the full stretch of Etalin township.
- 4. All developmental works as promised in the EIA/EMP must be accomplished before the construction of dam begins.
- 5. Adoption of one village as a Model Village for developmental activities.

**Compensation, R&R:-** The R&R works must be completed before the construction phase of the project.

# Independent Monitoring Committee:-

- 1. This committee should be vested with enough power to oversee the mitigation measures and redress the loss to local communities wherever applicable.
- 2. The monitoring committee must have a grievance Redressal cell to address various grievances that will naturally arise as a result of this project.
- 3. To oversee the **Cultural Orientation Programmes**, Since the project involves a huge entry of outsiders into our areas the EHEPCL should commit to a local orientation programme for officers, staffs and other workers so as to sensitize them about the local traditions and cultures. This need is finely mentioned in the EMP but it will require an Independent Monitoring Committee to stringently follows this to the book.
- 4. This committee must have not less than three PAFs persons Members.

Thanking you.

(Jahá Mele) ADVISOR, PAPFs Etalin, Dibang Valley.

Honourable Deputy Commissioner, Honourable Member Secretary APSPCB, Respected MD, Hydropower Dept, GoAP, Respected H.O.P.EHEP, Respected Public Leaders and distinguished Officials of EHEP, my dear Nani Naba, Apiya and Aliya alombro

I sri Rohit Mele, president of MDVSU take the honour to keep the views of the student community of the region in this Public Hearing today.

In the year 2008-2009 we were apprehensive of the project as we were uncertain of the future implications. But eventually we were convinced of the immense opportunities and prospects that the upcoming EHEP would bring to our area. So the public gave an open hearted welcome to the project. The credit belongs to the H.O.P Shri B.B. Guptaji under whose able guidance we have come so far. It is for the welfare of the community and the future prospects of all concerned that the project proponent and the Project Affected Peoples' Forum have now and then took out time together to see through what was best for the region. We are optimistic and hope that sri Guptaji remains to work among our people, at least till the R&R activities are completed.

We appreciate the R&R components as provided in the SIA. We are also appreciative of the various provisions laid down for the community social development programs.

We are sure that the PAPF and the project proponent will work out things as and when needed during the construction as well as operation phase so that both the project and the local people gain every benefit. We urge upon the officials of the Jindal Company to maintain the spirit which they have demonstrated up till now.

Keeping in mind the need of the PAEs in the long run the student community wish to keep only one demand:- From the date of Commencement of Operation (COD) the EHEP (3097 MW) should provide the following Compensatory Allowances to be paid directly to the PAEs:-

#### i) 2 crores annually for 10 yrs as Dri Valley PAFs Welfare Fund.

#### ii) 2 crores annually for 10 yrs as Taloh Valley PAFs Welfare Fund.

This Allowance for the loss of Community rights & livelihood, which commensurate our people's sacrifice will spell permanent sense of justice. This compensatory allowance is also imperative to negate the effects of unseen impacts. I am sure this demand will be taken into consideration with deep sympathy towards the affected people of the area.

If the EHEPCL pledge to adopt <u>a village</u> for all round development under its CSR wing it would be for the better of all concerned.

Last but not the least on behalf of the student community I shall be failing in my duty if I don't remind the dam proponent that the education sector in the region need the utmost priority. The relocation of Etalin Govt Middle School, the Upgradation of existing primary schools and the establishment of two well developed Feeder Schools must not be a mere lip service and should see the light of the day immediately before other concerns are addressed. Establishment of an industrial

Training Institute (ITI) and a Jindal Community College would do wonders in training the local youths and prepare them for live.

We also urge the EHEP to stand by the commitment made in the SIA for the socio-cultural, Health, Education and various other developmental issues.

public dep: Apme-Thank you. 9.10 as slate to gerf. Appa Dest Appres degra DUSU lino W. 01

The Member Secretary APSPCB, Govt. of AP Itanagar.

Sub:- Request for inclusion of all households of Akobe village under involuntary displaced families into the final SIA& R&R plan under EHEPCL.

R/Sir,

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While Inviting the above reference cited ,1 on behave of, the entire PAF's of Akobe Village state that our village is situated in the Prime working proximity of the EMEPCL .On account of, that the village would not be safe place to reside further during the construction period.

Sir, In spite of that out of 23 Households only 4 households are enlisted to be Involuntary displaced families in the Draft summary report of SIA & R&R Plan under EHEPCL

Whereas, the entire PAF's have been demanding for inclusion of the entire households under the Involuntary displaced families In order to, move jointly to a new Resettlement site i.e."AMPO" Area located at 3 Kms from the present abode. Matter has already been appraised to the DC-Cum-R&R Administrator, Dibang Valley Distt, Anini or to the HOP, EHEPCL and Chairman, PAPF several times to sort out the matter as early as possible.

In View of the above circumstances, I on behave of, the PAF's of the said village request your good self authority to kindly redresses the aforesaid genuine grievances prior to, finalization of the EIA,EMP,SIA & R&R Plan reports in respect of the EHEPCL.

With high regards,

Yours Faithfully, (Sanja Mano)President

(Sanja Mano)President Akobe Project Affected Committee Akobe

Copy to:-

- The DC-Cum-R&R Administrator ,Dibang Valley District Anini for kind information please.
- 2. The HOP, EHEPCL Etalin for kind information please.
- 3. O/Copy.

(Sanja Mario)President Akobe Project Affected Committee Akobe 12.12.2014

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The Chairman,

Public Hearing Panel,

Sub: - Submission of concerns of the Idu Mishmi community at the Public Hearing for Environmental Clearance of the EHEP (3097 MW) at Etalin on 12/12/2014.

Sir,

The undersigned on behalf of the Idu Mishmi Culture and Literary Society (IMCL5) take the honour to submit the following submissions in the minutes of this Public Hearing for Environmental Clearance for the Etalin.Hydroelectric Project (3097MW).

#### 1) Cumulative Impacts Assessment:-

According to 68<sup>th</sup> EAC Meeting in September 2014, 14 projects are planned in the Dibang Valley, m addition to projects below 25 MW. All these projects together will require thousands of hectares of forest land, will affect local livelihoods, increase downstream impacts, raise severe safety concerns, affect biodiversity, wildlife, hydrology, local culture, geology and seismicity of the region and its downstream

Before clearing any individual projects (3000 MW Dibang Project has already been recommended for EC), CIA of the basin is a must to assess issues like preclusion of projects, decrease in capacity, protection of biodiversityrich rivers as free-flowing rivers without projects, cumulative impacts of projects on local communities and the downstream, etc. No public bearing for individual projects can be conducted in the meanwhile as the local communities and affected stakeholders will not have an idea of the cumulative impacts of such projects. Local communities are affected not only by individual projects, but cumulatively by all hydropower project related developments in the basin.

Therefore cumulative impacts of Dibang Valley projects need to be assessed before Public Hearing of individual projects.

#### 2) Demographic Impacts:-

The greatest concern coming out of the EIA is the completely disconcerting scenario of the local miniscule Idu population being swamped by the outsiders. Some 12,000 outsiders will compete with some 700-1000 locals in terms of natural resource extraction and basic civic amenities which is scarce, thereby paving the way for extinction of the local Idu Mishmi community. Other than loss of identity, culture and livelihood, the locals will be subjected to transportation and infection of diseases that they may not be immune from. Etalin will cease to be a Idu Mishmi habited settlement dominated by the outsiders.

i) As a possible mitigation measure, no employee colony, labour camp should be located near the current settlements and the project proponent should provide them with their basic amenities and not use present scarce amenities used by the locals.

ii) The outsiders should undergo monthly medical check-up and anyone found with any infectious disease such as hepatitis, flu and influenza strains, STD and HIV should be isolated and immediately deported from the area.

#### 3) Hydrological data:-

The most important part of the EIA for a River Valley Project – concerning the Hydrology, hydrological data and impact has been relegated to the annexure of the report. The reason being that the project proponent has not provided any independent hydrological data related to Dri or Tangon – the two rivers on which the Etalin HEP is dependent. It has merely borrowed data from the Pre-feasibility Report of the proposed project done in 2000-2001, from Brahmaputra Board and that of the Dibang Multipurpose Project. Even with those set of borrowed data it is impossible to construct a statistical model since the primary data available in Dibang Valley related to river discharge, rainfall, flood discharge, sedimentation load etc is not even 30 years old. The earliest rainfall gauge station in Dibang Valley goes back to only 1998. With a dataset of only a decade and a half, one cannot construct a statistical model for a 3097 MW HEP. It is completely scientifically inadequate.

#### 3) Socio-cultural impacts:-

The EIA states that Socio economic levels will improve in the region. This is contrary to available information on hydropower projects. Even the recent Cumulative Impact Assessment of Sutiej Basin Hydropower projects highlights how local communities emerge as losers in case of hydropower impacts.

Therefore the EHEP should keep a provision for **Cultural Orientation Programmes** in which the officers, staffs and other workers are sensitized about the local traditions and cultures.

4) Community land and Livelihood Rights:- The EIA/EMP does not mention any mitigation measures nor compensation for the permanent loss of mithun grazing areas, fishing grounds, medicinal plants and other Minor Forest Produce

5) Employment and Contractual works:-. Notwithstanding any provisions in the EIA the first priority should be given to graduates from Dibang Valley district in providing employment in the project. Local contractors should be empanelled with a body so that the local contractors get the opportunities in the project works.

#### 6) CSR and Community Development Programs: -

Under the Community Development Programs the EHEPCL must take up the following items of works with immediate effect:

i) Establishment of an industrial Training Institute (ITI) at Etalin so that local youth get the opportunity to be trained and prepared for jobs and employment.

ii) Establishment of a hospital with multi super-speciality provisions at Etabe.

#### 7) Independent Monitoring committee:-

The Government of Arunachal Pradesh should immediately notify the formation of an independent Committee consisting of not less than five members of the local Idu Mishmi people. This committee should be vested with enough power to oversee the mitigation measures and redress the loss to local communities where ever applicable.

#### 8) Grievance Redressal Cell>

The monitoring committee must be empowered with a in-built grievance Redressal cell to address various grievances that will naturally arise as a result of this project.

In the interest of all concerned since the public of Dibang Valley have welcomed the project the project proponent must reciprocate by complying with the law of the land before rushing to obtain Environmental Clearance.

Thanking you.

Sincerely,

(Rajiv Mihu)

General Secretary, IMCLS

BEFORE THE HON'BLE CHAIRMAN AND HON'BLE MEMBER SECRETARY OF THE PUBLIC HEARING ,HELD ON 12.12.2014 RELATING TO ENVIRONMENTAL CLEARANCE IN RESPECT ETALIN HYDRO ELECTRIC PROJECT (3097 MW) In ETALIN, Dibang Valley District of Arunachal Pradesh, India , executed by M/S ETALIN HYDRO ELECTRIC POWER CORPORATION LIMITED (SPV OF JINDAL POWER LIMITED)

### IN THE MATTER OF

Written submission on the report of Environmental Impact Assessment report in short EIA as well as Social Impact Assessment Report, in short SIA

AND.

IN THE MATTER OF

Project Affected Families of ETALIN HQ and Aruli Village, annexed as Annexure "A" & "B"

# The Project Affected Families (Annexure -"A" & "B"), in short PAF, state as follows :-

A. That in response to the Notice ,inviting the PAF and others to participate relating to environmental clearance of the **ETALIN HYDRO ELECTRIC PROJECT**, in short the **Project**, the PAF intends to submit their written submission, relating to the adverse affect of the project, violation of rights of the PAF, perfunctory and incomplete survey as well the issues, which are not addressed both in EIA and SIA Reports, which goes herein under :-

At the outset, it is relevant to state that most of the major rivers in the North East India are largely free-flowing till date, which is a rarity in India and the world. Their basins are home to unbelievable ecological and cultural diversity. Main rivers in Arunachal Pradesh which form the mighty Brahmaputra are the Siang (the Yarlung Tsang Po), Dibang and Lohit, which meet at the tri-junction to form Brahmaputra.

Massive hydropower projects are planned on these rivers in cascade. They will have irreversible destructive impacts on the society, forests, rivers, biodiversity, ecosystems, cultural identity and downstream, provided the management plan as well as adequate, fair and transparent rehabilitation package are framed out with the assistance of the Government organisation.

## 1. PRILIMANARY OBJECTION :-

1.1 The hearing, held on today as contemplated by notification dated 14.09.2006, published in the Gazette of India by the Ministry of Environment and Forest on the basis of request of the Jindal Power Limited (JPL), a subsidiary of Jindal Steel & Power Ltd. (JSPL), herein after referred as Project **Proponent**, but as per publication of news in the national paper "The Hindu" on July 24 of 2014 , the Project Proponent reportedly seeks to sell its entire stock in the Hydro Project in the State of Arunachal Pradesh. That being so , the purpose and affect of public hearing has lost its purposeful significance . In that view of the matter, the Project Proponent is required to express their views in respect of their actual intention in carry forward the project as well as the Project Proponent is required to assure the PAF of the entire project area by submitting appropriate undertaking.

A copy of the news item dated July 24 of 2014 is annexed bereto and marked as "Annexure-C".

1.1.1 It is also seriously noticed that the New Delhi based consultants higher by the Project Proponent having no accountability towards the public at large producing reports only to justify the projects of their clients with no concern for the ecological or social security of the area. It is also relevant to state herein that the SIA is prepared by New Delhi based consultant firm in contravention of the provision of The **Right** to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013, in short Resettlement Act'2013, wherein ,as per Section 4 of the Resettlement Act'2013, the appropriate government shall carry out a SIA in consultation with the Public but herein, the SIA report was prepared by a consultant firm, engaged by the Project Proponent.

The EIA and SIA reports identified **265** families as PAF, but such identification and categorization of PAF is not in conformity with the definition "Family" as per section -3 (m) of Resettlement Act,2013. In terms of Section -3 (m) of Resettlement Act/2013, the family only includes a person, his or her spouse, minor children, minor brothers and minor sisters dependent on him and all other shall be considered as that **around 417** families shall be deemed and considered to be PAF instead of **265 PAF**. Upon such consideration, the entire report of EIA and SIA, being vague, uncertain and incomplete are not acceptable and tenable in present form and the both the reports required to be verified afresh.

- 1.1.2 The EIA and SIA reports measurably failed to consider the Schedule Tribes and Other Traditional Forest Dwellers (Recognisation of Forest Rights) ACt'2006, in short Forest Right Act'2006, in as much as both the reports violates the provision of Forest Right Act'2006 and as well as Section -41 of the Resettlement Act'2013. The blatant disregard displayed by the Project Proponent with regard to the rights of the Tribal people dependent on the area for their livelihood. The Forest Right Act 2006 provided full protection of their right under the law, whereby, the recognized the rights of the forest dwelling ST and other Traditional Forest dwellers (TFD) includes the responsibility and authority for sustainable use, conservation of bio-diversity and maintenance of ecological balance.
- 1.1.3 It is relevant to refer herein that the authority as well as the Project Proponent Violates the provision of **Panchayats** [Extension to the Schedule Areas] Act,1996 in short PESA Act,1996, whereby, extending the provisions of Part IX of the Constitution relating to Panchayats to the Scheduled Areas. The Statement of Objects and Reasons of the Act reads as follows:

"There have been persistent demands from prominent leaders of the Scheduled Areas for extending the provisions of Part IX of the Constitution to these Areas so that Panchayati Raj Institutions may be established there. Accordingly, it is proposed to introduce a Bill to provide for the extension of the provisions of Part IX of the Constitution to the Scheduled Areas with certain modifications providing that, among other things, the State legislations that may be made shall be in consonance with the customary law, social and religious practices and traditional management practices of community resources;..... The offices of the Chairpersons in the panchayats at all levels shall be reserved for the Scheduled Tribes; the reservations of seats at every panchayat for the Scheduled Tribes shall not be less than one-third of the total number of seats."

As per clause (i) of Section 4 the Gram Sabha or the Panchayats at the appropriate level shall be consulted before making the acquisition of land in the Scheduled Areas for development projects and before re-settling or rehabilitating that the actual planning and implementation of the projects in the Scheduled Areas, shall be coordinated at the State level, but in the EIA and SIA reports it is apparent that the authority as well as the Project Proponent Violates the provision. Similarly, clause (k) of Section 4 provides that the recommendations of the Gram Sabha or the Panchayats at the appropriate level shall be made mandatory, but, herein such compliance has not been followed. Situated thus, the reports, being incomplete and lack of legal compliance could not be accepted in its present form and the reports are required to be prepared and verified afresh after due compliance of the mandate of the law.

**1.2** The project, says to be largest Hydro Project in India shall create serious environmental consequences, having direct impacts to the biological, chemical and physical properties of rivers and stream-side environments.

The dam wall itself blocks fish migrations, which in some cases and with some species completely separate spawning habitats from rearing habitats. The dam also traps sediments, which are critical for maintaining **physical processes and habitats downstream** of the dam. (include the maintenance of barrier islands, fertile floodplains and coastal wetlands).

Another significant and obvious impact is the transformation upstream of the dam from a free-flowing river ecosystem to an artificial slack-water reservoir habitat. Changes in temperature, chemical composition, dissolved oxygen levels and the physical properties of a reservoir are often not suitable to the aquatic plants and animals that evolved with a given river system. In reality, reservoirs often host non-native and invasive species (e.g. snails, algae, predatory fish) that further undermine the river's natural communities of plants and animals.

The alteration of a river's flow and sediment transport downstream of a dam often causes the greatest sustained environmental impacts. Life in and around a river evolves and is conditioned on the timing and quantities of river flow. Disrupted and altered water flows can be as severe as completely de-watering river reaches and the life they contain. Yet even slight changes in the quantity and timing of water flows impact aquatic and riparian life, which can affect the ecological network of a river system.

A dam also holds back sediments that would naturally **replenish downstream ecosystems.** When a river is deprived of its sediment load, it seeks to recapture it by eroding the downstream river bed

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structures, as well as riverside woodlands). Riverbeds downstream of dams are typically eroded by several meters within the decade of first closing a dam; the damage can extend for tens or even hundreds of kilometers below a dam.

Riverbed extent (or "cut into") will also lower groundwater tables along a river, lowering the water table accessible to plant roots (and to human communities drawing water from wells). Altering the riverbed also reduces habitat for fish that spawn in river bottoms, and for invertebrates.

In aggregate, dammed rivers have also impacted processes in the broader biosphere. Large dams have led to the extinction of many fish and other aquatic species, the disappearance of birds in floodplains, huge losses of forest, wetland and farmland, erosion of coastal deltas, and many other negative impacts.

## 1.3 Changes to the Ecosystem

## 1.3.1. Reservoirs and Stratification

Reservoirs can significantly slow the rate at which the water is moving downstream. Surface temperatures tend to become warmer as the slower moving or "slack" water absorbs heat from the sun. The Reservoirs causes a layering affect i.e stratification and when stratification occurs, there is also another ecosystem effect. Specifically, the colder water that sinks toward the bottom contains reduced oxygen levels. Further, some time when water is released from the colder, oxygen-depleted depths, downstream habitat conditions change because of the reduced oxygen level in the water.

## 1,3,2. Super saturation

Super saturation effects caused injury to the various spices of fish over the Dri River, Tangon River and Dibang River.

## 1.3.3. Changing Water Levels

Building a storage project can raise the water level behind a dam from a few feet to several hundred feet. When stream banks and riparian areas become covered by the reservoir's higher water level, the habitat conditions change and impacting species that traditionally grow, nest, feed, or spawn in these areas. Once built, storage projects can also raise and lower the level of water in a reservoir on a daily, weekly or seasonal basis to produce electricity and as a result of it in riparian zone, this may result in shoreline vegetation not being effectively reestablished.

### 1.3.4. Sedimentation

Sediments, which are fine organic and inorganic materials that are typically suspended in the water, can collect behind a dam because the dam itself is a physical barrier. From the time a project is built, manmade and natural erosion of lands adjacent to a reservoir can lead to sediment build-up behind a dam. This build-up can vary based on the ability of a river to "flush" the sediments past the dam. It can also vary based on the natural conditions specific to the river and its upstream tributaries.

When sediments collect, the ecosystem can be affected in two ways. First, downstream habitat conditions can decline because these sediments no longer provide important organic and inorganic nutrients.

Second, where sediment builds up behind a dam, an effect called "nutrient loading "can cause the supply of oxygen to be depleted. This happens because more nutrients are now available, thus more organisms populate the area to consume the nutrients. As these organisms consume the nutrients, more oxygen is used, depleting the supply of oxygen in the reservoir.

Similarly, gravel can be trapped behind a dam in the same way as sediment. In cases where the movement of gravel downstream is part of establishing spawning areas for fish, important habitat conditions can be affected.

# 1.3.5. Erosion

Changing water levels and a lack of streamside vegetation can also lead to increased erosion. For example, the lack of vegetation along the shoreline means that a river or reservoir can start cutting deeply into its banks. This can result in further changes to a riparian zone and the species which it can support. Increases in erosion can also increase the amount of

## 1.3.6. Changing Habitat Conditions for Fish and Wildlife

Just as the changes that occur to ecosystems vary greatly from project to project, so do changes in habitat. Indeed, painting a picture of all or even most hydroelectric projects as having more or less the same impacts is a serious mistake. For a given project, learning what habitat conditions exist and the extent of ongoing impacts requires a good deal of investigation.

When ecosystem changes occur at a project, a new pattern of biological activity and equilibrium is likely to emerge. As this happens, a new and dynamic equilibrium takes hold. With this new equilibrium comes changes to the plants, fish, and wildlife that populate these areas. Over time, observation indicates which species continue to do well, which ones become attracted or more attracted to the area around a hydroelectric project, and which species begin a gradual, sharp, or complete decline.

To examine these possible habitat changes, let's begin with lish. There can also be effects to fish from loss of riparian vegetation, sedimentation, erosion, and temperature changes. Unlike the impacts listed above, however, these effects are also caused by non-dam activities such as farming, logging, and land development. As a result, when studying the **health of habitat** along a particular reach of river or tributary, all sources of environmental impacts must be reviewed.

## 1.3.7. Wildlife

Riparian vegetation and its bordering waters provide critical habitat for birds, waterfowl, and small and large mammals. When a hydroelectric project results in inundation of a free-flowing river, the nesting, forage, and cover provided by these areas is temporarily or permanently lost. When habitat is lost, animals are forced to move to higher ground or other areas where habitat conditions may be less suitable, predators are more abundant, or the territory is already occupied. As an example, ground birds require cover and cannot successfully move to higher, more open, ground.

In cases where water levels stabilize at a new height, vegetation in riparian zones can re-emerge and species can re-populate an area. With storage projects, the riparian zone that re-emerges has conditions that now reflect that of a reservoir or lake rather than a freeflowing river. When such conditions occur, certain species will begin to decline, others will become more abundant, and some will populate these areas for the first time.

## 1.3.8. Pulling the Pieces Together

Hydroelectric projects do affect the ecosystems of rivers and their **surrounding areas**. The degree, however, to which any one project affects a river varies widely. As discussed, one of the most important variables is whether a dam is part of a storage or runof-the-river hydroelectric project. Other variables include the size and flow rate of the river or tributary where the project is located; the existing habitat and climatic conditions; the type, size, and design of a project; and whether a project is located upstream or downstream of other projects.

As changes in habitat occur, observation and time make it increasingly clear which plants, fish, and wildlife are affected. Some species end up doing quite well, others sharply or completely decline, and some are minimally affected.

For instance, there are natural conditions that can dramatically affect the health of a river's ecosystem and habitat. As an example, drought years at the beginning of the decade impacted critically important stream flows. Beyond these natural conditions are a host of man-made conditions. Such conditions include but are not limited to:-

- Reduced stream flows from irrigation withdrawals and altered vegetation from land development, e.g., parking lots, roads, etc.
- II. Loss of riparian zone, changes in water temperature and quality, loss of large woody debris, erosion, and sedimentation can come from various types of logging practices, agricultural activities and other land uses, e.g., grazing of cattle, mining and the building of roads.
- III. Changes in estuary conditions from wetland drainage and navigational improvements.
- IV. The harvesting (catching) of fish by both commercial and domestic fishermen.

## 1.4 POSSIBLE IMMIDIATE IMPACT (-

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- During digging of about 26kms long tunnel was proposed to divert the water of Dibang, Dri and Tangon river, heavy blasting will be used for which it will create cracks in the hills and houses of the surrounding areas. Around large number people of project area will be affected by this problem. It will also caused drying up of springs, grazing and agricultural fields.
- il. During the making tunnel to give water a slope, the excavation material will directly dumped into Dibang river or near road side, which not only causes deterioration of water quality but also air pollution.
- III. There is no industry in Etalin HQ, the only and only one reason for air pollution in Etalin HQ will be Dust and the poisonous gases from these excavation material.
- IV. Transmission tower lines will be used to transmit electricity from project area to other states and district. During making of these towers many forest land will be diverted.
- V. The local residents of Etalin HQ & Aruli Villages do not perceive any benefit in terms of employment opportunities or improvement in infrastructure.
- VI. The main impact will be decrease in crop production which will arise from dumping of excavation material, which

during its time of pollination, the dust when settle down on the stigma of flower it stops an anther to contact with stigma, which affects the pollination.

- VII. The EIA Report clearly refers about 85 % of the project area is covered with dense forest with Jhum cultivation having numbers of medicinal plant (25 types plants are referred in the report). It is obvious that the indigenous medicinal plant and the Jhum cultivation shall be badly effected.
- VIII. The EIA report and the Environmental Management Plan (EMP) failed to address an important issue as to whether embankments in the downstream had been verified or not which is very crucial for flood moderation. The Flood regulation is the single most important aspect of the project planning but that has got ignored by the Project Proponent.
  - IX. The parameters use for the construction of the Dam was of much lower value then it should have been. There is some uncertainty about the seismotectonic environment of the project.
  - X. The project area and its surroundings are known to be affected by frequent landslides. The frequency of landslides could grow faster and seriously affected the entire area.
  - XI. As evident from a report published by International Rivers Network that the hydropower industry is eager to promote dams as "climate-friendly" alternatives to fossil fuel plants, hoping to benefit from subsidies intended to curb global warming. But, growing evidence suggests that dams and reservoirs are globally significant sources of the greenhouse gases carbon dioxide and, in particular, methane

A Copy of the Report is enclosed herewith marked as Annexure -D

# 1.5 Inconsistency and contradiction in ENVIRONMENTAL IMPACT ASSESSMENT and Preliminary Feasibility Report:-

 1.5.1 As per EIA , under the Para - 1.3.2 Ambient Air Quality - "The air environment around project site is free from any significant pollution source" but Para -1.4.1.2 Construction of Main Project Components of EIA, "For construction of main project components Excavation will have impact in terms of muck generation. Excavation and concreting process will require use of various construction equipment such as batching plants, aggregate processing plants, dumper trucks, excavators, dozers, concrete machines, jack hammers, generators, pumps, etc. leading to generation of pollution in terms of emissions, wastewater, noise and solid waste"

- 1.5.2 As per Preliminary Feasibility Report, April 2004 prepared by NHPC Ltd (herein after referred as PFR) , Para- 9.5.1 IMPACTS ON LAND ENVIRONMENT -"The acquisition of land for various project activities would also lead to cutting of vegetation on these lands. With the acquisition of forest land, the local population, dependent on these forests, might get affected. During construction phase, activities like construction of roads, bridges, project colonies, quarry, excavation of tunnels, muck generation etc. may cause degradation of the environment, if the activities are to carried out judiciously. But in the report such important aspect/issues left EIA. unanswered.
- 1.5.3 As per PFR , Para- 9.5.2 IMPACT ON WATER ENVIRONMENT – "The construction of a reservoir replaces the river eco-system by a lacustrine ecosystem. The vectors of various diseases breed in shallow areas not very far from reservoir margins. The breeding site for mosquitoes and other vectors in impounded water is in direct proportion to the length of the shoreline". But in the EIA report such important aspect/issues left unanswered.
- 1.5.4 As per PFR, Para 9.5.4 IMPACTS ON FLORA AND FAUNA- During the construction activity i.e Mobilization of labor /construction machinery and other addendum activities accrued with the project construction like blasting, deforestation, quarrying etc. may disturb the wildlife habitat in the vicinity of the project. Proper conservation and management plans for the wildlife if required, need to be framed, to mitigate any adverse impacts on wildlife But in the Para 1.4.1.7 of the ElA, it has mentioned that no

significant impact on the wildlife as such the EIA report such important aspect/issues left unanswered.

In addition to the submission referred herein above, it is also 2.0relevant to refer in today's public hearing that reports , more particularly in the SIA report while identifying and distinguishing the categories of involuntary displacement families, the authority and the Project Proponent acted discriminately without any fairness and transparency and thereby violates the provisions of the Resettlement Act'2013, National Rehabilitation and Resettlement Policy'2007, in short Policy '2007 and other allied polices and regulations. The PAF of Etalin HQ are heavily discriminate by displacing 41 families (as per the Annexure of the SIA, which is likely to be enhanced) from their lawful rights of getting fair compensation . It is neither understandable nor it is acceptable. It is relevant to state that the Etalin HO is within the areal distance of less than 1 K.M from the Power House but no rehabilitation package has been offered to the PAF families. It is also relevant to mention herein that the PAF of Etalin HQ has been arbitrarily demarcated by taking only 4 (four) families as involuntary displacement and rest of the inhabitants, despite having their residence within the close proximity of said 4 families, thereby, it is apparent that the PAF of Etalin HQ are depriving from fair and transparent rehabilitation package. In this connection it is not out of place to mention herein that on the eastern side of Etalin HQ, 1 K.M ahead new AROPE village has been considered to be involuntary displacement and offered them rehabilitation package, but the inhabitants of the Etalin HQ has been arbitrarily deprived from getting their fair and transparent rehabilitation package.

> Similarly, the inhabitants of ARULI Village though offered with special package of Rs 95 Lacks but they were not considered as involuntary displacement families, thereby, they were deprived of being getting the full rehabilitation package. It is relevant to state herein that in the month of October 2008, a substantial portion of the ARULI village was washed away by devastating flood and the villagers now reasonably apprehends that due to the proposed construction of Dam in the upstream, there is every possibilities of inundated the entire area of the village, thereby, the inhabitants of ARULI Village are required to be considered as involuntary displacement PAF and all the families of Aruli Village are entitled to get fair and transparent rehabilitation package.

Upon consideration of the above referred submission , the PAF of Etalin HQ and Aruli Village respectfully submits as follows :-

- I. The PAF are welcoming the Hydro Electric Project to be implemented effectively and for implementation, execution and commencement of the project, the **Appropriate Government** may constitute an expert body consisting of representative of the State Government, Wildlife Institute of India (WII), Central Electricity Authority, Central Water Commission and other experts bodies to make a detail study to prepare an Environmental Management Plan.
- II. The entire list of PAF be surveyed and prepared afresh in accordance with the definition of the Family as per the Section -3 (m) of The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013.
- III. Adequate and fair rehabilitation package and compensation be offered and awarded to all the inhabitants of Etalin HQ and Aruli Village by considering and declaring them as involuntary displacement families as per the provision of The Right to Fair Compensation and Transparency in Land Acquisition , Rehabilitation and Resettlement Act,2013, other relevant laws and provisions.

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Jindal Power seeks to sell entire stake in Arunachal hydro project | Bu... http://www.thchindubusinessline.com/companies/jindal-power-seek

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# BusinessLine

Jindal Power seeks to sell entire stake in Aranachal hydro project

Debabrata Das



Jindal Steel and Power has equity interests in three hydroelectric projects China Supplier - Connect with over 120,000 suppliers from Hong Kong, China and Taiwan w<u>ww.hktdc.com</u>

Project delayed as Jindal's partner fails to come up with its share of funds

#### New Delhi, July 24:

Jindal Power Ltd, a subsidiary of Jindal Steel and Power Ltd (JSPL), is looking to sell its entire stake in the 1,800-MW Kamala hydro electric power project in Arunachal Pradesh.

The company has not officially commented on the exact percentage of equity stake it plans to sell, but resolutions passed by its board – a copy which has been reviewed by *BusinessLine* – state that the board of directors has approved the sale of its "entire equity share" in the Kamala project.

#### Three projects

JSPL has equity interests in three hydroelectric projects, including the Kamala project in Arunachal Pradesh through Jindal Power. The other two are the 3,097-MW Etalin project and the 680-MW Attunli project.

These three ventures, with a combined projected capacity of 6,100 MW, were to be developed by Jindal Power through three separate 74:26 joint ventures with Hydro Power Development Corporation of Arunachal Pradesh Ltd (HPDCAPL).

Earlier, the Arunachal Pradesh Government had decided to scrap a deal that gave JSPL a 49 per cent stake in HPDCAPL. "With respect to the 1,800-MW Kamala project, we have submitted expression of interest to Satluj Jal Vidyut Nigam Ltd (SJVNL)," a JSPL spokesperson told *BusinessLine*.

SJVNL had sought expressions of interest in April from hydro power developers in Arunachal Pradesh for a partnership or a complete stake sale.

Since it has not heard from SJVNL yet, it has started speaking to other developers to "unlock shareholder value", the spokesperson added. People close to the development indicated that the valuation of Jindal Power's stake in the Kamala project won't be too high as the plant has not been developed yet.

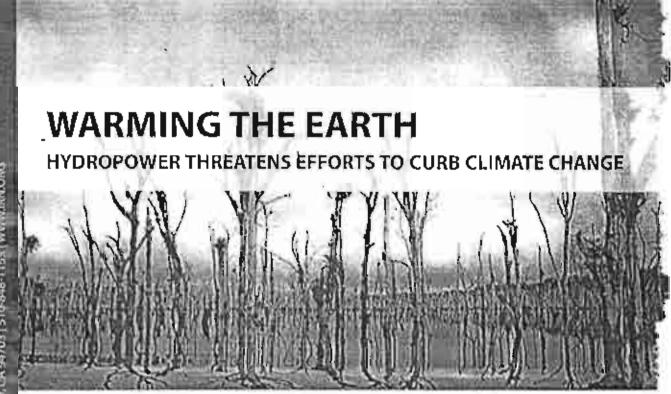
According to the latest annual balance sheet, the company has total borrowings of ₹1,307.88 crore as on March 31, 2013.

JSPL had won the Kamala hydro power project in 2009. However, the detailed project report was cleared by the Central Electricity Authority only in December 2013.

Project implementation was further delayed as HPDCAPL could not come up with its share of funding. In all, JSPL had earmarked ₹50,000 crore for the three hydro projects in the State.

(This article was published on July 24, 2014)

Printable version | Dec 8, 2014 9:53:58 PM | http://www.thchindubnsinessline.com/companies/jindul-power-seeks-to-sell-emire-stake-in-arunachal-hydroproject/article6245960.cec @ The Ijindu Business Line



The Potit Saut reservoir floods a French Guyana forest, emisting greenhouse gases. Caption: Jacky Brunetaud

The hydropower industry is eager to promote dams as "climate-friendly" alternatives to fossil fuel plants, hoping to benefit from subsidies intended to curb global warming. But, growing evidence suggests that dams and reservoirs are globally significant sources of the greenhouse gases carbon dioxide and, in particular, methane.

Scientists have studied more than 30 reservoirs, and found emissions at all of them. In tropical countries, several of the hydropower plants studied appear to have a much greater impact on global warning than natural gas plants generating equivalent amounts of electricity. While the global warning impact of hydropower outside the tropics does appear to be significantly lower than that of fossil fuel-generated electricity, it is not negligible as has commonly been assumed.

#### HOW EMISSIONS ARE PRODUCED

Reservoirs emit greenhouse gases because of the rotting of organic matter – the vegetation and soils flooded when the reservoir is created, the plants that grow in the reservoir, and the detritus that flows into the reservoir from upstream. The gases are emitted continuously from the surface of the reservoir, in sudden pulses when gases bubble up from the reservoir bottom and when water is discharged through turbines and spillways.

Canadian scientists have made a preliminary estimate that reservoirs worldwide refease up to 70 million tons of methane and around a billion tons of CO<sub>2</sub> each year. This is equivalent to four percent of CO<sub>2</sub> emissions from other sources linked to human activities and about one-fifth of total human-related The science of quantifying reservoir emissions is still young, however, and filled with uncertainties which are the subject of a heated scientifie – and political – dehate. The controversies include determining the best methods for measuring emissions from reservoir surfaces, how to account for sources and sinks of gases in the watershed before a dam was built, the magnitude of emissions generated when water is discharged from the dam, and how to compare hydropower emissions with those from fossil fuels.

Gross reservoir emissions are those measured directly at the reservoir surface and dam. But the actual impact of a dam on the global climate depends on *net* emissions. These are calculated by factoring in preexisting sources and sinks of greenhouse gases in the watershed and how the dam has altered these.

At the Petit Saut Dam in French Guyana, researchers were surprised to find massive methane emissions from water released from the dam – much as a can of fizzy drink suddenly froths up when it is opened and depressurized. These turbine and spillway emissions were much greater than the total volume of methane released from the surface of the Petit Saut reservoir. Few other attempts have been made to measure turbine and spillway emissions. If the Petit Saut data is representative of other dams, researchers may have substantially under-

#### GLOBAL WARMING IMPACT OF VARIOUS ELECTRICITY OPTIONS

Power plant type _	Emissions (g CO <sub>2</sub> -eg/kWh)	
Hydro (tropical)	200-3,000*	
Hydro (temperate/boreal)	10-200*	
Coal (modern plant)	790-1,200	
Heavy oil	690-730	
Diesel	\$\$\$-880	
Combined cycle natural gas	460-760	
Natural gas cogeneration	300	

Represents gross emissions and does not include emissions produced when water is released from the reservoir.

Conadian researchers have estimated average figures for the grass emissions from hydropower, wallout considering turbine and spillway releases. They calculate that average hydro emissions in Canada are 10-200 grams of CO<sub>2</sub>-equivalent per kilowatt-hour generated; in the tropics, reservoir emissions are between 200 and 3,000 g CO<sub>2</sub>-eq/kWh. By comparison a modern coal plant releases around 1,000 g CO<sub>2</sub>-eq/kWh (see table). CO<sub>2</sub>-equivalent combines the warning impact of both CO<sub>2</sub> and methane.

#### BANKING ON CARBON CREDITS

The dam industry has been working hard to ensure that large hypero projects gain from the entergent trade in "carbon credits" being established under the United Nations' Kyoto Protocol. The Protocol's Clean Development Mechanism (CDM) is a carbontrading scheme that allows developed countries to purchase "carbon credits" that subsidize "connate friendly" projects in developing countries. This is supposed to create a win-win situation by helping developed countries meet their emissions quotas under the Protocol and by helping ueveloping countries finance projects that have low greenhouse gas emissions.

Research by IRN and the Indonesta-based NGO CDM Watch levents that the large-hydro industry could be one of the largest winners from the CDM. Efforts to reduce climate pollution will suffer as a result. Big hydro threatens to undermine the Kyata Protocol by taking carbon credits for projects that do not actually reduce emissions, both because of dam and reservoir emissions and because many of the dams proposed for credits would be built even without the credits. Approving carbon credits for big hydro will also divert credits that might otherwise have gone to promoting new renewables like solar or wind power.

Of the 30 projects proposed for credits as of November 2002, seven are large hydropower schemes. These large hydropower projects make up 38 percent of the potential emission reduction credits. New renewable projects, by comparison, make up only 27 percent of the claimed credits.

The main result of Northern countries buying these carbon credits would not be to support chinate-friendly projects. It would instead be to subsidize hydropower developers – which for these projects are mainly subsidiaries of large US energy corporations.

Based on growing evidence that reservoirs are globally significant sources of greenhouse gases, policymakers are taged to adopt the following recommendations.

- Datas and reservoirs (including non-hydronower dams) should be incorporated into global and national inventories of sources of greenhouse gases.
- Regulatory agencies and funders should require an estimate of the global warming impact of any proposed data project as part of the project approval process, as recommended by the World Commission on Datas.
- The only hydropower projects eligible for Clean Development Mechanism credits should be small projects (10 MW) which comply with the recommendations of the World Commission on Dams.

# RESOURCES

"Damming the CDM: How Big Hydro is Ruining the Clean Development Mechanism," by International Rivers Network and CDM Watch.

"Flooding the Land, Warming the Earth," published by International Rivers Network.

Both reports can be downloaded at www.irn.org/programs/greenhouse/.

CDM Watch www.cdmwatch.org

IRN subdorts local communities working to protect their rivers and watersheds the work to bolt documenting work download on the test

# Project Affected Committee held on 4th Feb 2014 at Anini Circuit House

A Project Affected Committee Meeting for final submission of " Comprehensive Plan " was held at Anini Circuit House on 4<sup>th</sup> Feb 2014.

In a welcome Address Shri Tasku Tayu, Secretary delivered a heartiest welcome to all the members presence in the meeting and simultaneously rendered aims and objectives of the meeting in substitution of Shri Sadhu Mihu.

Meanwhile, Shri Ngasi Mena Chairman, PAC elaborately presented the details incorporated in the consolidated manner of demands in comprehensive plan. During the discussion upon comprehensive plan participating members have suggested to rectify the PAF's listed in comprehensive. Further, house resolved that final base line survey of the Project Affected Families in all the Project Affected Areas shall be done in consultation with PAC members from each villages.

As suggested by the members the following resolutions were adopted:-

- It has been decided in the house that 1% power free for management of LADF (Local Area Development Fund) shall be demanded for cash transfer to the accounts of the project affected families of the project affected areas. House also decided that a team members from PAC shall represent to the state Govt, for consideration in same line of draft guidelines in respect of central sector Hydro Electric Projects.
- House is of opinion that Mepo Epayin & Mega Ayeso villages not appeared in the Project Affected Families list of comprehensive plan and resolved to appeal the District Administration for immediately base line survey. House also resolved for final submission of "comprehensive Plan" for immediate action.
- House resolved that PAC team comprising 6 (Six) member will represent to the state govt, for immediate action to the points included in comprehensive plan of related to the state govt. (Read 10.1,10.2,10.4 & 10.5 in comprehensive plan). However house suggested the following members to represent the state govt.
  - 1. Shri Ngashi Mena, Chairman
  - 2. Shri Tasku Tayu, Secretary
  - 3. Shri Sadhu Mihu, Jt. Secy.
  - 4. Shri Empi Meya, Treasurer
  - 5. Shri Komiso Apralo, Convener
  - 6. Shri Rukmo Mow, Member

Cont...2.

In the light of above resolution Shri Empi Meya, Treasurer PAC opined that whereas central sector Hydro Electric Projects have new guidelines for directly cash transfer of 1% Power free for management of LADF to the accounts of PAFs in PAA why should not be in private sector hydroelectric Projects. Further Shri Empi Meya suggested for immediate team up for representation to the state govt, for the matter urgently.

In conclusion, Shri Tasku Tayu, Secretary PAC suggested that any establishment for PAF's like educational institution should be considered equally shared in both Dri-Limb and Tangon – Limb. Shri Tasku Tayu also suggested for subordinate PAC in Dri –Limb.

PAC meeting concluded with vote of thanks by Shri Komiso Apralo, Convener PAC.

Sd/-(Ngashi Mena) Chairman PAC

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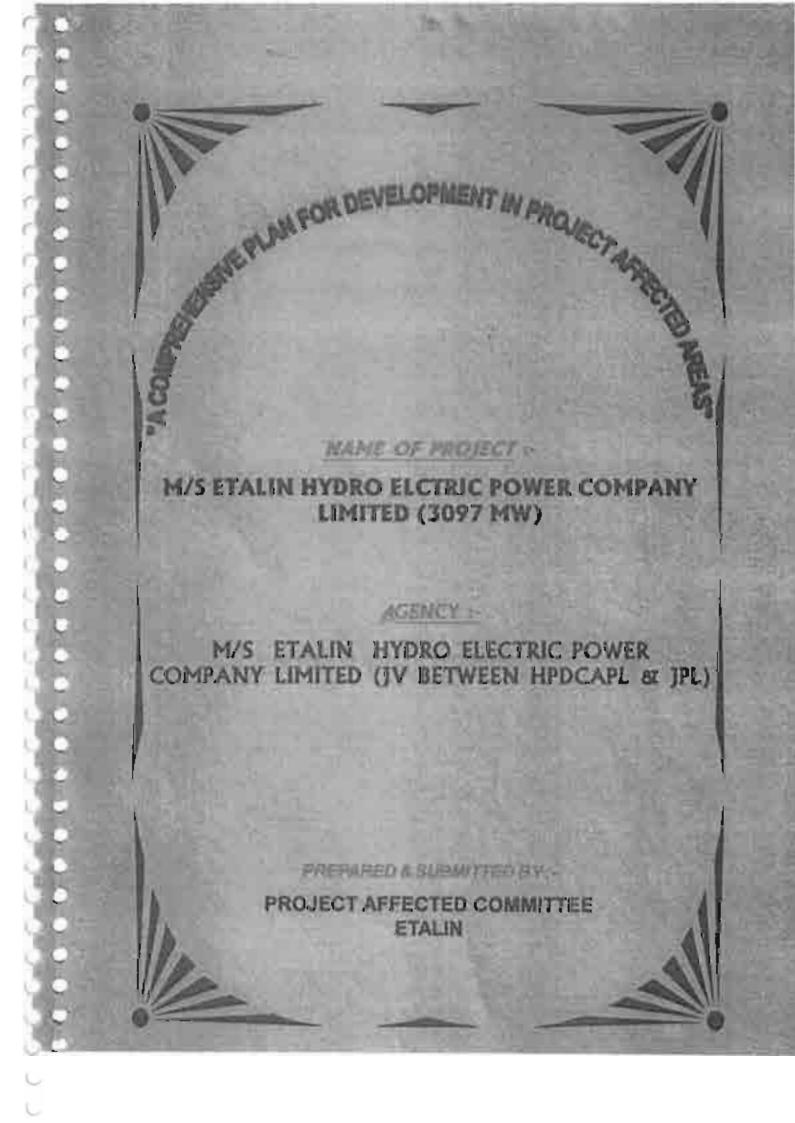
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- 1. The Deputy Commissioner, Dibang Valley District for his kind approval and recommendation to the requiring body for further necessary please.
- 2. The Head of Project, EHEPCL for his necessary action please.
- 3. All concern for information please.
- 4. Office copy.

(Tasku Tayu) Secretary PAC



#### Intro<u>duction</u>

Dibang Valley District is tenth district of the state of Arunachal Pradesh with thinly populated in the scattered manner of its inhabitant areas of about 7948 population, 145 villages & 1308 house holders as per 2011 census. Dibang Valley is known of international bordering with china on the focal point of "Kaya-Pass" in East, Andrela-Pass and Bassem-Pass in North West of famous controversial MC Mohan -line as a demarcated international border of "LAC" (Line of Actual Control).

1.2 Dibang Valley District is known as reach cultural beritage of Idu-Mishmi's and its evolution in the past different events. Dibang Valley is also one of the frontal and strategic border districts among the other District of Arunachal Pradesh with having largest power potential of estimated target of 10977 MW generations which is a part of 50,000 MW power generation target in the state. Apart from the energy resources, there is a large scope for investment in the horticulture, medicinal and aromatic plants, Avenue plantation, Adventure tourism. Agro-based industries and eco-tourism etc. The development of Hydropower Projects in the district would enhance a leaving standard of the people of this most backward area and economically upgraded the business community of the area and well being of PAFs. Mere exploration of power resources would not emphases on the interest of the people but to providing much more incentives towards long sustenance for the Project affected people of the District better than that of laid down provision in R& R 2008.

1.3 Considering serious note on the issue like, loss of land, Rivers, forests and other resources of leaving style by way of the rights and privileges of tribal people, which automatically get extinguished on diversion of forest land, are compensated higher than in the provisions.

1.4 In the "Comprehensive Plan" PAC have brought out all the demands of the PAFs on data-base considering a viable and legitimate way of demands which is pre-requisite for development in the project affected areas in consultation with all the PAFs.

## <u>Objectives</u>

2.1 The basic objectives that should govern the state policy on Rehabilitation of Project Affected Families, acquisition of immovable property, private land including agriculture and horticulture land and compensation against diversion of forest area especially USF area over which community enjoyed rights of land use and various privileges to meet their bonafide requirements of forest produce are as follows:- i. To explore possible displacement considering ground situation and extended better rehabilitation and resettlement with modern facility and amenities to maximize leaving standard of the poor people of project affected areas.

ii. To provide appropriate and adequate compensation to the affected families.

iii. To provide adequate social and physical infrastructure at rehabilitation site keeping in view the cultural and emotional values of tribal community as also to provide necessary community services and facilities.

iv. To be relocated as village units, community or clan in consultation with the displaced communities.

v. To improve the standard of living of the project affected displaced families at the resettlement site.

vi. To compensate adequately the project affected tribal community for the extinction of their traditional rights and privileges of USF land use and collection of forest produce.

vii. To facilitate harmonious relationship between the requiring body and the project affected families.

#### 3. Definition

3.1 "Community" means the resident of a village as a whole, the clan, sub- clan or kindred.

3.2 Definition of various expressions used in this "Comprehensive Plan" is the related policy under NRRP 2007' and SRRP 2008' with slightly modified in due consideration of demands from the PAFs.

3.3 "Affected Area" under the comprehensive plan means area of village or locality notified by the State government under paragraph 7.1.2 of the SRRP 2008'.

#### Social impact Assessment of Project

4.) Proposed project of Etalin Hydro Electric Project (3097 MW) which involves involuntary displacement of 05 (five) or more families, the State government and power developer shall ensure that a social impact assessment study is carried out by the requiring body using agencies accredited in the proposed affected areas in such manner as may be prescribed and in accordance with the provisions of the National Policy of rehabilitation and resettlement 2007' and SRRP 2008'.

# 5. Mode of Compensation Package.

5.1 At present, the compensation shall be provided to the affected people by any requiring body for acquisition of private land, immovable property and agricultural land is as per the provisions for four times higher in rural and two times in urban area as per new land acquisition Act 2013' and as per the agreements reached between the requiring body and the affected families / community in consultation with the State government.

5.2 Compensation against Land Acquisition should be in accordance with "THE RIGHT TO FAIR COMPENSATION AND TRANSPARENCY IN LAND ACQUISITION, REHABILITATION AND RESETTLEMENT ACT, 2013"

5.3 Lump - sum amount of two hectares value of land at the lowest category of land in this project shall be paid to the Project Affected Families those whose land are not acquired under Project purposes and duly valuation by the District Administration.

5.4 Compensation against movable properties belonging to PAFs standing on the acquired land would be payable to PAFs at present market rate, as per valuation done by the state authorities.

5.5 Compensation for trees: Compensation for trees standing on the acquired agriculture land would be payable to the land owner families at present market rate, as per valuation done in consultation with land owner by the state authorities.

## 6. Project Affected Families.

6.1 Family division is a human nature in every religion, tribes and sub-tribes in due course of situation arise and increasing by family's statistical effects etc. The PAC Proposed that any male member of the PAFs family who attained 18 years of age shall be granted a housing benefit under the project against the survey record conducted by the circle Office of Etalin and Anini circle for Etalin Hydro Electric Power Company Limited.

No. of Project Affected Families shall be notified by Govt. of Arunachal Pradesh and Project Affected Families listed in this comprehensive plan will be followed as per base line survey by the District Administration.

### List of divided families, see in table - 1.

# DARF LIST PROJEST AFFECTED FAMILIES OF ETALIN BRIDGE POINT (UNDER DISPLACEMENT)

SL NO	NAME	AGE	SEX	RELATIONSHIP WITH HEAD
2	Basuge Ekruso	60	M	Self
2	Ambey Ekruso	L	F	Wife
з.,	Hubi Ekruso	25	м	\$on
4	Chimbo Ekruso	20	м	5on
5	Athola Ekruso		м	Son
6	Robin Ekruso	15	м	Son
7	Rimi EKruso	13	F	Daughter
8	Riski Ekruso	10	м	Son
1	Chodo Tayu	30	M	Self
2	Jine Melo	25	F	Wife
1	Hira Yalla	25	M	Self
2	Same Mega	22	F	Wife
3	Emume yalla	08	F	Daughter
⊥. _4	Ekuthi Yalla	02	м	\$on
1	hlanni hAnna	40	M	Self
	Ngasi Mena			
2	Chasi Mena	18	F	Daughter
3	Ellaya Mena	15	F	Daughter
4	Wuthu Mena	10	F	Daughter
5	Enjayo Miena	07	۶	Daughter

1	Ambu Mena	18	М	Self
2	Atoko Mikhu	21	м	Cousin

1	Jotane Mena	19	M	Self
2	Wumasi Taru	46	F	Muther
3	Game Mena	23	£	Sister
- 4	Appeli Mena	<u>15</u>	F	Sister
5	Jako Mena	13	M	Brother
6 –	Aproko Mena	09	M	Brother

1	Gomte Ekruso	30	M	Self
2	Uni Pulu	28	F	Wife
3	Lathu Ekruso	13	F	Daughter
4	Siji Ekruso	11	— <u>м</u>	5on
ſś	Ambibi Ekruso	Q9	<del>-</del>	Son
6	Mea Milli	60	F	Mother

1.	Pawka Mihu	34	M	Self
- 2.	Richa Mihu	27	F	Wife
3.	Leu Mihu	01	F	Daughter

ΝΑΜΈ	AGE	SEX	RELATIONSHIP WITH HEAD
Ekhipi Tayu	35	۶	Self
Sita Apralow	20	 F	Daughter
Tore Epralow	15	M	Son
Kona Apraiow	13	M	Son
Pikata Apralow	11	F	Daughter
Jinu Apralow	09	F	Daughter
	Ekhipi Tayu Sita Apralow Tore Epralow Kona Apralow Pikata Apralow	Ekhipi Tayu35Sita Apralow20Tore Epralow15Kona Apralow13Pikata Apralow11	Ekhipi Tayu     35     F       Sita Apralow     20     F       Tore Epralow     15     M       Kona Apralow     13     M       Pikata Apralow     11     F

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0	3.	Ahi Meya
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$C^{-}$	[ - <u>1</u> ·	Orundu Ekroya
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0	4	Moniya Ekroya
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(	1	Lachi Ekroya
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0		Msi Ekroya
6	3	Ala Ekroya
C	4	Lahe Ekroya
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0	1 .	Sunari Mele
0	2	Bonti Lingi
0		
0	1	Taya Mele
0	2	Muchi Mele
$\bigcirc$	3	Tagin Mele
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9		Phindi Pralow
10	2	Firza Pralow
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Asha Mega	28	F	Wife
 Ahi Meya	05	F	Daughter
 Orundu Ekroya	60	М	Self
Ngapi Milli	30	F	Wife
Raje Ekroya	26	м	Son
 Moniya Ekroya	14	f	Daughter
	- · ·		
 Lachi Ekroya	30	м	Self
Msi Ekroya	20	۴	Sister
Ala Ekroya	15	М	Brother
tahe Ekroya	12	м	Brother
Sunari Mele	30	М	Self
Bonti Lingi	25	F	Wife
	I I	L	
 Taya Mele	16	м	Self
 Muchi Mele	23	F	Sister
 Tagin Mele	20	м	Brother
 		<b></b>	
 Gumti Apralo	85	м	Self
 <b>_</b>			<b>_</b>
 Phindi Pralow	70	м	Self

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М

Self

Grand Daughter

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SLNO.	NAME	AGE	SEX	RELATIONSHIP WITH HEAD
1 -	Baro Ekroya	50	м	Self
2	Dimili Miso	- 35	F	Wife
- <u>3</u>	Ferna Ekroya	15	F	Daughter
<sub>4</sub> −1−−−	Јіма Екгоуа	13	F	Daughter
5	Raja Ekroya	10	M	Son
6	Bari Ekroya	08	M	Son
7	Wunji Ekroya	02	м	Son
8	Duti Ekroyu	70	M	Father

Dinthi Lombo	50	м	Self
Sima Lombo	20	F	Daughter
Siva Lombo	15	F	Daughter
Biva Lombo	10	М	Son
Meka Lombo		F	Sister
	Sima Lombo Siva Lombo Biva Lombo	Sima Lombo 20 Siva Lombo 15 Biva Lombo 10	Sima Lombo 20 F Siva Lombo 15 F Biva Lombo 10 M

Γ	1	Bikas Lombo	18	м	Self
F	2	Wuhina Mega	17	F	Wife

1	Kidi Milli	45	M	Self
' z	Sunjiya Ekroya	35	F	Wife
	Ambasa Milli	13	F	Daughter
4	Ahiya Milli	11	M	50n
5	Meha Milli	08	F	Daughter
6	Amu Milli	05	м	\$on

1	Rana Mihu	25	М	Self
2	Nana Apralow	22	Ł	. Wife

3	Ena Mihu	05	F	Daughter
4	Deji Mihu	01	M	Son

2     8ita Miso     25     F     Wife       3     Miliya Miggi     05     F     Daughter	1	Achai Miggi	35	м	Self
	2	- Bita Miso	25	F	Wife
4 Liva Miggi 01 E Daughter	3	Miliya Miggi	-06	F	Daughter
	4	Liya Miggi	01	F	Daughter

SL NO.	NAME	AGE	SEX	RELATIONSHIP WITH HEAD
1	Bapi Pulu	40	м	Self
2 + -	Amisha Pulu	35	F	Wife
3	Roshan Pulu	06	м	Son
4	Tuluka Pulu	13	M	Son
5	Bame Pulu	10	F	Daughter
6	Name Pule	04	F	Daughter
7	Nane Pulu	02	۶	Daughter

1	Kisinge Apralow	45	F	Selí
- <u>-</u> <u>-</u>	Athumi Milli	20	F	Daughter
3	Esuli Milli	65	F	Mother

Pachu Apralow	50	M	Self
Mina Mimi	30	F.	Wife
Manuli Melo	45	F	Wife
Enuma Apralow	22	F	Daughter
Dagost Apralow	18		Son
Punji Apralow	16	M	Son
Wushmi Apralow	13	F	Daughter
	Mina Mimi Manuli Melo Enuma Apralow Dagost Apralow Punji Apralow	Mina Mimi30Manuli Melo45Enuma Apralow22Dagost Apralow18Punji Apralow16	Mina Mimi     30     F       Manuli Melo     45     F       Enuma Apralow     22     F       Dagost Apralow     18     M       Punji Apralow     16     M

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8	Wuthu Apralow	11	F	Daughter
9	Depi Apralow	09	F	Daughter
10	Abapi Apralow	05	м	Son
11	Ohoni Apralow	02	м	Son

1	Hunchi Mano	35	M	Self
2	Eyange Mena	25	• • • F —•	Wife
3	Aba Mano	03	M	Son

1	Kaku Mano	65	М	Self
2	Tato Ekru	35	۴	Wife
3	Kiyunu Mano	15	м	5on
4	Yeno Mano	11	F	Daughter
5	Shoho Mano	80	F	Daughter

SLNO.	NAME	AGE	SEX	RELATIONSHIP WITH HEAD
1	Solo Miso	45	м	Self
2	Anjelo Pulu	27	F	Wife
3	Anami Miso	<u>11</u>	 F	Daughter
4	Jino Miso	80	M	Son
5	Kachi Miso	05	M	Son
6	Sajan Miso	15		Brother

i	Nati Miso	30	M	Self
2	Amili Mena	28	F	Wife
3	Picha Miso	OS 1	F	Daughter
4	Eha Miso	03	М	5on
5	Pidi Miso	01	М	Son

1	Tamu Pulu	40	м	Self
2	Biri Yalla	50	F	Wife
'3 <sup>'</sup> Ξ	Atima Pulu	16	F	Daughter
4	Emumi Pulu	14	F	Daughter
5	Eheme Pulu	11	F	Daughter
6	Laha Pulu	09	F	Daughter
7	Ngabasi Pulu	07	F	Daughter
1	Wuma Yalia	35	F	Self
2	Ambrey Ekru	60	F	Mother
3	Ekhibe Pocha	16	F	Daughter
4	Thrune Pocha	14	F	Daughter
	Ewuji Pocha	10	F	Daughter

Doro Apralow	50	M	Self
Nuduh Mele	45	F	Wife
Richa Apralow	22	F	Daughter
Thruha Apralow	20	F	Daughter
Ninda Apralow	18	F	Daughter
Asidu Apralow	15	F	Daughter
Alona Apralow	12	M	Son
Wubiya Apralow	08	F	Daughter
	Nuduh Mele Richa Apralow Thruha Apralow Ninda Apralow Asidu Apralow Alona Apralow	Nuduh Mele45Richa Apralow22Thruha Apratow20Ninda Apralow18Asidu Apralow15Alona Apralow12	Nuduh Mele     45     F       Richa Apralow     22     F       Thruha Apralow     20     F       Ninda Apralow     18     F       Asidu Apralow     15     F       Alona Apralow     12     M

ILNO.	NĂME	AGE	5EX	RELATIONSHIP WITH HEAD
1	Jati Apralow	45	м	Self
2	Tunchi Yalla	28	F	Wife
3	Achana Aprałow	09	м	Daughter
4	Jasi Apralow	07	M	Son
5	Andome Apralow		м	Son

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6	Wuhina Apralow	02	F	Brother
		02		) biother
			-	
1	Jimi Molo	20	۶	Self
Z	Eliza Molo	18	F	Sister
3	Thrupi Molo	15	м	Brother
			• • • • • • • •	.L
1	Natu Mena	45	M	Selí
2	Jina Yalla	28	F	Wife
3	Yagmi Mena	. 12	Ł	Daughter
4	Liha Mena	10	<u>۶</u>	Daughter
5	Ehi Mena	06	F	Daughter
6	Ajalu Mena	03	F	Daughter
				I
1	Dukhu Mihu	35	м	Self
2	Apronda Pulu	30	F	Wife
3	Kerpa Miyu	13	F	Son
4	Tabang Miyu	11	Μ	Daughter
5	Mena Miyu	09	Ł	Daughter
6	Yamme Miyu	05	F	Daughter
7	Hune Miyu	02	м	Son
	Tukhu Milli	25	М	Self
- 2	Letame Meye	35	Ę	Wife
				<u> </u> ]
1	Rohi Yalla	30	tv1	Self
2	Remi Meme	25	F	Wife
3	Puso Miso		м	Half Brother
				Brother
4	Soko Yalla	13	М	Brother

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5	Asizu Yalla	01	м	Son
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SLNO.	NAME	AGE	SEX.	RELATIONSHIP WITH HEAD
1	Jima Mena	30	M	Self
· · · · ·				
1	Tumure Pulu	35	M	5elf
2	Ruía Keche	- 30-	F	Wife
3	Tojo Pulu	08	м	Son
4	Ampi Pulu			Sister
5	Shanti Pulu	25	F	Sister
Б	Sameya Pulu	23	F	Sister
7	Jumuna Pulu	21	f	Sister
1	Jokha Ekru	60	F	Self
L L		I		
1	Sipu Mena	20	M	Self
2	Yuli Mena	14		Sister
3.	Mindo Mena	27	<u>w</u>	Elder Brother
4	Aluna Mega	24	F	Sister-In-Law
·		1 1	-	
1	Omesh Pocha	23	M	Self
2	Yakim Pocha	16	F	Sister
<u> </u>			l	
1	Buge Mena	62	м	Self
2	Niriya Linggi		F	Wife
3	Tina Mena	26	F	Daughter
	Soni Mena	21	F	Daughter

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1 Paresh Mena 27 M Self	
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1	Empi Meya	42	М	Self
2	Asinda Miyee	35	F	Wife
3	Akunga Miuli	28	F	Wife
4	Roshnì Molo	20	F	Wife
5	Neami Meya	14	F	Daughter
6	Nelina Meya	10	F	Daughter
7	Eza Meya	4	м	Son
8	Yamuli Meya	24	<sub>F</sub>	Sister
9	Sunti Meya	26	м	Brother
10	8umili Meya	23	F	Sister-In-Law
	Kesaya Meya	12	F	Nice
12	Ората Меуа	5	м	Nephew
13	Helina Meya	8	F	Nice

1	Mindo Mena	31	M	Self
2	Alanu Mega	22	ę.	Wife

# DARF LIST PROJEST\_AFFECTED FAMILIES OF NEW AROPO (UNDER DISPLACEMENT)

SI No.	NAME	AGE	SEX	RELATIONSHIP WITH HEAD
1.	Jamu Mihu	55	M	5elf
2.	Rata Elo	40	F	Wife
3.	Satili Mihu	10	F	Daughter
4.	Drama Mihu	08	M	Son

5.	Rundu Elo	13	M	Brother-in-Law
				Son
_i	Naru Apralow	55	M	Self
Z.	Athupi Miyu	30	F	Wife
3.	Chinda Apralow	13	M	Son
4.	Esami Apralow	10	F	Daughter
5.	Eketo Apralow		M	Son
6.	Muya Apralow	06	F	Daughter
7.	Ngahi Apralow	04	F	Daughter
1.	Wuri Umbrey	45		Self
2.	Silə Yəllə	18	F	Daughter
	D-Lu Ma-a			Self
1.	Baku Mano	50	M	
2.	Toloka Yalta	40	F	Wife
3.	Athupra Mano	23	M	Son
4.	Hema Mano	15	F	Daughter
5.	Alinji Mano	11	M	Son
б.	Enuma Mano	08	м	Son
<u>1.</u>	field & face	65	M	Self
_	Sido Mepo			
Z.	Sitha Mano	45	F	Wife
1. ···	Jana Yalla	65	M	Self
2.		45	F	Wife
3.	Nefa Yalla	22	М	Son
4.	Migi Yalla	16	F	Daughter
5.	Boro Yalla	14	м	Son

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1.	Yupi Pocha	25	M	Self
2.	Siya Mele	55	F	Mother
1.	Komiso Apralow	35	M	Self
2.	Himani Miuli	30	F	Wife
3.	Ewe Apralow	01	М	Son

## DARF LIST PROJEST AFFECTED FAMILIES OF ALIWU VILLAGE (UNDER DISPLACEMENT)

SL NO.	NAME	AGE	SEX	RELATIONSHIP WITH HEAD
1	Nayi Miso	70	М	Self
2	Sajan Miso	14	М	Son
3	Dapi Miso	22	ŕ	Daughter

1	Hero Miso	25	м	Self
- 2	Nepti Miso	20	f	Wife
3	Ruchiko Miso	Q\$	м	Son
<u>-</u>	Rakesh Miso	07	Μ	Son

1	Nake Miso	65	M	Self
2	Ratema Mepo	40	F	Wife
3	Jaru Umbrey	50	F	Wife
4	Itə Miso	· <u>25</u>	M	Son
5	Dupi Miso	30	F	Daughter
- <u>;</u> ·	Deben Miso	16	M	Son
7	Atiy Miso	10	м	Son

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Solo Miso	45	М	Self
Anjelo Pulu	27	F	Wife
Anami Miso	11	F	Daughter
Jino Miso		м	Son
Kachi Miso	05	м	Şon
Sajan Miso	15	M	Brother
	Anjelo Pulu Anami Miso Jino Miso Kachì Miso	Anjelo Pulu     27       Anami Miso     11       Jino Miso     08       Kachi Miso     05	Anjelo Pulu     27     F       Anami Miso     11     F       Jino Miso     08     M       Kachi Miso     05     M

1	Nati Miso	30	м	Self
2	Amili Mena	28	£	Wife
' 3 <sup>-</sup>	Picha Miso	05	F	Daughter
···· 4	Eha Miso	03	М	Son
5	Pi <b>d</b> i Miso	01	М	Son

' <u>'</u> ) _	Robi Miso	30	М	Şelf
2	NGapi Miyu	28	۶	Wife
3	Engo Miso	05	М	Son
4	Wungo Miso	03	М	Son
5	Ali Miso	01	М	Son

-	SUNO.	NAME	AGE	SEX	RELATIONSHIP WITH HEAD
-	1	Ajay Miso	25	M	Self
-	2	Sono Pulu	50	F	Mother

1	Kipinu Miso	20	M	Self
ż	Asanja Taru	50	F	Mother
3	Cheme Miso	15	۴	Sister
4	Asumi Miso	10	M	Brother

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ł	Puso Miso	20	M	Self
<u>z</u>	Sako Miso		M	Brother

# DARF LIST PROJEST AFFECTED FAMILIES OF EMULI VILLAGE (NON- DISPLACEMENT)

LNO.	NAME	AGE	SEX	RELATIONSHIP WITH HEAD
1	Kaka Yalta	60	- M	Self
2	Uli Palu	45	F	Wife
3	Moti Yalla	20	м	\$on
4	Akoyo Yəlla	09	F	Daughter
1	Kirme Yalla	65	м	Self
I		I	I	
1	Pasidi Yalla	40	м	Self
2	Riko Miso	30	F	Wife
3	Yobita Yalla	16	м	Son
1	Hira Yalla	25	M	Self
2	Same Mega	22	F.	Wife
3	Emume Yalla	09	٤	Daughter
4	Ekuthi Yalla	02	М	Son
	Rohi Yalla			Self
1			M	
2	Remi Meme	22	F	Wife
3	Puso Miso	18	M	Son
4	Soko Yalla	15	F	Daughter
5	Asizu Yallə	01	м	Son
_ L	<u>-</u>		I	

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1	Jana Yalla	65	٩vī	Self
2	Wula Mihu	45	F	Wife
3	Nefa Yalla	22	M	Son
4	Migi Yalla	16	F	Daughter
5	Baro Yalia	14	M	Son
	]	L		L
1	Amonge Yalla	48	M	Self

# DARF LIST PROJEST AFFECTED FAMILIES OF ARULI VILLAGE (NON- DISPLACEMENT)

SL NO.	NAME	ÅGÉ	SEX	RELATIONSHIP WITH HEAD
1	Jansho Mihu	25	М	Self
2	Mopi <b>Mihu</b>	20	F	Sister

1	Bumbai Pulu	50	F	Self
2	Apondo Mihu	15	F	Daughter
3	Musə Mihu	13	F	Daughter
4	Dume Mihu	11	F	Daughter

-	1	Gamu Mihu	25	М	Self
			.		

Khako Miggi	50	М	Self
Tengore Mepo	40	F	Wife
Wumachi Mimi	40	F	Wife
Obang Miggi	2ö	М	Son
Pəri Miggi		М	Søn
Kirba Miggi	16	М	Son
Lasemi Miggi	14	М	Son
Lawe Miggi	09	м	Son
	Tengore Mepo Wumachi Mimi Obang Miggi Pari Miggi Kirba Miggi Lasemi Miggi	Tengore Mepo     40       Wumachi Mimi     40       Obang Miggi     20       Pari Miggi     18       Kirba Miggi     16       Lasemi Miggi     14	Tengore Mepo     40     F       Wumachi Mimi     40     F       Obang Miggi     20     M       Pari Miggi     18     M       Kirba Miggi     16     M       Lasemi Miggi     14     M

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9 -	Ekhe Miggi	07	M	Son
1 .	Anoko Mihu	65	M	Self
2	Jiko Meya	35	۶	Wife
3	Gobin Mihu	05	м	Son
4	Mina Mihu		 F	Daughter
ŝ .	Musimi Mihu	07	F	Daughter
6	Lasimi Mihu	05	M	Son
1	Mura Mepo	65	М	Self
1	Lanu Mimi	50	F	Şelf
2	Khito Mihu	14	M	Son
NO.	NAME	AGE	SEX	RELATIONSHIP WITH HEAD
1 -	Uchna Miggi	35	м	Self
2		30	F	Wife
-	Ngama Yalla			
3	Ngama Yalla Ranchi Miggi	14	F	Daughter
_			F M	Daughter Son
3	Ranchi Miggi	14		
3 4 <sup></sup>	Ranchi Miggi Emu Miggi	14	M	Son
3 4 <sup></sup> 5	Ranchi Miggi Emu Miggi Akhome Miggi	14 05 03	M	Son Son
3 4 5 1 2	Ranchi Miggi Emu Miggi Akhome Miggi Meja Miggi	14 05 03 45	M	Son Son Self
3 4 <sup></sup> 5	Ranchi Miggi Emu Miggi Akhome Miggi Meja Miggi Kumuli Mihu	14 05 03 45 40	M M M	Son Son Self Wife
3 4 5 1 2 3	Ranchi Miggi Emu Miggi Akhome Miggi Meja Miggi Kumuli Mihu Bisai Miggi	14 05 03 45 40 15	M M F M	Son Son Self Wife Son

4	Paiya Pulu	03	F	Daughter
5.	Akushi Mano	65	F	Mother
6.	Suno Pulu	45	F	Sister

1	Eyalo Mihu	70	M	Self
2	Meya Tayu	50	F	Wife
3	Ram Miyu	16	м	Son
4	Laxman Miyu	16	M	Son

1	Ononge Miyu	25	М	Self
2	Suni Miyu	18	F	Sister

Bora Mihu	35	м	Self
Bimta Mihu	26	F	Sister
Ameya Mikhu	30	F	Wife
Jesha Mihu	07	F F	Daughter
Muyu Mihu	- 02	M	5on
	Bimtə Mihu Ameyə Mikhu Jesha Mihu	Bimta Mihu 26 Ameya Mikhu 30 Jesha Mihu 07	Bimta Mihu 26 F Ameya Mikhu 30 F Jesha Mihu 07 F

SENQ.	NAME	AGE	\$EX	RELATIONSHIP WITH HEAD
1	Bonty Mihu	38	м	Self
2	Thachi Ekru			Wife
3	Pimbu Mihu	11	M	Son
4	Asebu Mihu	08	м	Son
5	Abrebo Mihu	06	F	Daughter
6.	Enjayu Mibu	06	F	Daughter

1	Nati Mihu	36	M	Self
2	 Krishna Linggi	30	F	Wife .

3	Pimeh Mihu	07	M	Son

## DARF LIST PROJEST AFFECTED FAMILIES OF CRIPHLI VILLAGE (NON- DISPLACEMENT)

SLNO.	NAME	AGE	\$EX.	RELATIONSHIP WITH HEAD
ì	Tima Pulu	60	M	Şelf
2	Simno Mano	S0	F	Wife
3	Machi Molo	40	۴	Wife

### DARF LIST PROJEST AFFECTED FAMILIES OF PUNU VILLAGE (ETAUN CIRCLE) (NON- DISPLACEMENT)

NAME	AGE	SEX	RELATIONSHIP WITH HEAD
Rumu Taru	18	м	Self
Mamuchi Apralow	35	F	Step mother
Huchima Miuli	30	F	Mother
	Rumu Taru Mamuchi Apralow	Rumu l'aru 18 Mamuchi Apralow 35	Rumu l'aru 18 M Mamuchi Apralow 35 F

Γ 1	Ewuwu Mena		M	Self
2	Wuko Mena	10	-`M	Son

1	Asige Pulu	50	М	Self
2	Rimi Miwu		۴	Wife
3	Mina Menjo	25	Ł	Wife
4	Sokeie Pulu	09	<u>M</u>	Son
5	Mekele Pulu	07	F	Daughter
6	Hita Pulu	05	M	Son
7	Tali Pulu	03	м	Son

#### DARF LIST PROJEST AFFECTED FAMILIES OF AUNU VILLAGE (NON-DISPLACEMENT)

SL NO	NAME	AGE	SEX	RELATIONSHIP WITH HEAD
	Bahaji Taru	50	M `	Self

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2	Ųmsi Taru	20	F	Daughter
	Ajo Taru	10	M	Son
4	Eri Taru	13	F	Daughter
5	Enji Taru	08	F	Daughter
1	Etho Miyee	35	F	Self
21	Eran Taru	18	M	Son
3	Atoma Taru	12		5on
4	Masili Taru	10	F	Daughter
5	Anjane Taru	08	۴	Daughter
6	Amuli Taru	60	F	Mother in low
L				
1	Jando Taru	30		Self
2	Kuli Tayu	25	F	Wife
3	Ekho Taru	10	M	Son
4	Dekho TAru	08	м	Son
5	Mayu Taru		F	Daughter'
6	Rajiv Taru	20	M	Brother
7	Belaka Taru	25	F	Sister
			-	
1	Chodo Tayu	35	M	Self
2	Senphi Ekroya	30	F	Wife
3	Eketo Tayu	09	M	Son
4	Apowe Tayu	05	м	Son
5	Penda Tayu	60	F	Aunty

1	Jambu Taru	25	М	Self
ʻ 2	Beta Mimi	45	F	Mother

3	Anari Taru	15	F	Sister
4	Enda Tau	L 80	F	Sister
5	Aphili Taru	12	F F	Sister
6	Mone Mikhu	22	Ê.	Wife
1	Chekete Tayu	28	M	Self
2	Mina Mimi	25		Wife
3	Аауи	05	F	Daughter

## DARF LIST PROJEST AFFECTED FAMILIES OF ATHUNU VILLAGE (NON- DISPLACEMENT)

SL NÖ.	NAME	AGE	SEX	RELATIONSHIP WITH HEAD
1	Khako Mito	35	м	Self
2	Miuli Umbrey	30	F	Wife
	Harami Mito	15	- M [	Son
4	Japuli	13	F	Daughter
5	Apang Mito	11	м	Son
6	Ele Mito	09	F	Daughter
7	Dimak Mito	07	M	Son
-8	Ehina Mito	05	F	Daughter
9	Ashiko Mito	02	F	Daughter

Natho Linggi	40	Μ	Self
Biman Mimi	35	F	Wife
Gama Linggi	15	F	Daughter
Anjan Linggi	13	5	Daughter
Akhomi Linggi	09	M	Son
Enumi Linggi	11	F	Daughter
Ayo Linggi	07	F	Daughter
	Biman Mimi Gama Linggi Anjan Linggi Akhomi Linggi Enumi Linggi	Bimari Mimi     35       Gama Linggi     15       Anjan Linggi     13       Akhomi Linggi     09       Enumi Linggi     11	Bimari Mimi     35     F       Gama Linggi     15     F       Anjan Linggi     13     F       Akhomi Linggi     09     M       Enumi Linggi     11     F

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8	Sikange Linggi	65	F	Mother
		I	·	1
1	Kanko Milli	65	М	Self
-2-	Mesa Mito	55	F	- Wife
	0.1118			
1	Bai Milli	35	M	Self
2	One Mipi	30	£	Wife
3	Sunta Milli	15	۶	Daughter
4	Engo Milli	13	м	Son
5	Pengo Milli	11	M	Son
6	Aya Milli	09		Son
7	Tokulu Milli	06	M	Son
8	Lacho Milli	05	M	Son
		I	•	
1	Suna Mito	35	M	Self
2	Вало Мірі	28	F	Wife
3	Erina Mito	12	F	Daughter
4	Gobind Mito	09	м	Son
5	Dondeli Mito	07	F	Daughter
б	Emu Mito	05	м	Son
7	Ehimi Mito	02	м	Son
SLNO.	NAME	AGE	SEX	RELATIONSHIP WITH HEAD
1	Koke Mito	55	м	Self
2	Ada Meto	40	F	Wife
3	Tiri Mito	ī3	ŀ	Daughter
4	Solita Mito	20	M	Son
5	Tagin Mito	10	·	Son

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 6	Eho Mito	09	м	Son
/	Ehali Mito	01	F	Daughter

1	Khana Mito	50	м	Self
2	Kapha Mito	25	М	Brother
3	Ambobra Mito	20	М	Brother

1	Sadhu Mihu	30	М	Self
	Rinki Mega	25	F	Wife
3	Ehijo Mihu	02	м	Son
4	Jama Mihu	20	F	Sister
5	Ratane Mihu	65	М	Uncle
6	Emili Mihu	60	F	Aunty

1	Bimu Milli	48	Μ	Self
2	Asapi Mele	35	F	Wife
3	Emachi Milli	14	۴	Daughter
4	Anako Milli	12	М	Son
5	Boko Milli	10 -	F	Daughter
6	Giba Milli	08	F	Daughter
7	Riba Milli	05	F	Daughter
8	Sine Mihu	65	F	Mother

Kisu Linggi	45 `	м	Self
Esili Menjo	30	F	Wife
Echi tunggi	09	F	Daughter
Edu Linggi	07	м	Son
Dethi Linggi	02	F	Daughter
	Esili Menjo Echi Linggi Edu Linggi	Esili Menjo 30 Echi Unggi 09 Edu Linggi 07	Esili Menjo 30 F Echi Linggi 09 F Edu Linggi 07 M

SL NO.	NAME	AGE	SEX	RELATIONSHIP WITH HEAD
1	Kama Milli	35	м	Self
2	Meya Migri	28	F	Wife
3	Muma Milli	14	F	Daughter
4	Deme Milli	12	F	Daughter
5	Gupa Miłli	10	м	Son
6	Jango Milli	. 08	M	Şon
7	Riya Milli	06	F	Daughter
- 8	Athume Miłli	03	F	Daughter
9	Deposi Milli	01	м	Son

[ 1 <sup>—</sup>   <sup>-</sup>	Akha Milli	\$5	М	Self
2	Janda Ekroya	40	F	Wife
3	Ajay Milli	15	M	Son
4	Yapi Milli	11	F	Daughter
5	Namu Millî	08	۴	Daughter
6	Jimi Milli	05	۶.	Daughter
7	Gingo Milli	02	м	Son
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# DARF LIST PROJEST AFFECTED FAMILIES OF ETALIN HEADQUATER (NON- DISPLACEMENT)

SL NØ,	NAME	AGE	SEX	RELATIONSHIP WITH HEAD
1	Tuti Milli	70	м	Self
2	Uine Mihu	50	F	Wife
3	Khiko Milli	20	м	5on
4	Chilu Milli	18	F	Daughter
5	Jine Milli	16	F	Daughter
· 6 ·	Chiko Milli	13	м	Son

1	Gete Mele	40	M	Self
2	Eha Mono	30	-	Wife
3	Nasri Mele	18	M	Son
4	Makho Mele	16	м	Son
5	Michime Mele	14	F	Daughter
6	Khundo Mele	09	M	Son
7	Handi Mele	05	M	Son

1	Simi Milli	70	F	Self
2	Pailo Mele	30	M	Son
3	Akhiya Mele	80	F	Mother-in-law

1	Yona Mele	45	M	Self
2	Aketo Linggi	40	F	Wife
3	Sando Mele	25	M	Son
4	Ninja Mele	22	M	Son
5	Adu Mele	16	M	Son
6	Tupuli Mele	48	F	Sister
7	Athuma Taru	14	м	Nephew

1	Kaka Yalla	<b>5</b> 0	М	Self
2	Uli Pulu	45	F	Wife
3	Moti Yalla	20	м	San
4	Akoyo Yalla	09	۶	Daughter

1	Empi Meya	44	Μ	Self
2	Asinda Miyee	35	F	Wife
· 3 - ·	Nilina Meya	10	F	Daughter

4	Neme Meya	13	F	Daughter
5	Eja Meya	01	<u>M</u>	Son

	AGE	SEX	RELATIONSHIP WITH HEAD
Hira Molo	30	F	Self
New Male	05	M	Son
Mame Mele	02	F	Daughter
	New Mele	New Mate 05	New Mete 05 M

1	Bachni Apralow	<sup>r</sup> 30	м	Self
2	Taha Linggi	25	۴	Wife
3	Lephe Melo	60	F	Mother
4	Anta Apralow	18	м	Brother
5	Peso Apralow	15		Brother

1	Lipi Taru	35	F	Self
1	Bailo Mele	30	M	Self
2	Jene Mepo	28	F	Wife
3	Jibu Mele	70	M	Father
_4 ·	Anasi Mele	14	M	Son
5	Hane Mele	10	F	Daughter
6	Lili Mele	06	F	Daughter
1				
1	Gochi Apralow	30	M	Self

1	Gochi Apralow	30	M	Self
2	Emumi Pocha	25	F .	Wife
	Keyendre Ekoya	60	F	Mother
4	Athano Apralow	06	M	5ûn
S	Alowe Apralow	03	4	Daughter
		_		

6	Ajawe Apralow	01	F	Daughter
1	Rajiv Pulu	30	M	Self
z	Jana Mepo	26	F	Wife
3	Khusu Pulu	05	M	Son
4	Makao Pulu	01	M	Son

1	Erita Pulu	35	м	Self
2	Hema Pulu	28	F	Wife
3	Asiya Pulu	08	F	Daughter
4	Wusimi Pulu	06	F	Daughter
٤,	Jimiya Pulu	02	F	Daughter

ILNO.	NAME	AGE	SEX	RELATIONSHIP WITH HEAD
1	Cheko Meya	35	M	Self
2	<u>U</u> mchi Miwu	30	F	Wife
3	Dichu Meya	15	M	Son
4	Ampi Meya	11	F.	Daughter
5	Laji Meya		м	Son

		M	Self
Tina Mele	35	f	Wife
Pamki Mepo	15	M	Són
Nisha Mepo	12	F	Daughter
Depi Меро	10	м	5on
Pimbi Mepo	07	F	Oaughter
	Pamki Mepo Nisha Mepo Depi Mepo	Pamki Mepo 15 Nisha Mepo 12 Depi Mepo 10	Pamki Mepo 15 M Nisha Mepo 12 F Depi Mepo 10 M

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1	Ekipi Ekruso	40	F	Seif
i	Elisha Apralow	35	F	Self
2	Yame Melo	10	F	Daughter
3	Diama Melo		۲ ۲	
		08		Daughter
4	Khuhi Melo	06	M	Son
5	Mupa Mele	55	F	Mother's sister
1	Rupì Meya	25		Self
2		31	- <u>-</u>	Husband
	Moge Mihu			
3 1	Drema Mihu	01	F	Daughter
4	Үати Меуа	20	F	Sister
1	Dapi Apralow	30	M	Self
2	Seloli Mepo	25	۴	Wife
1	Azad Mele	30	M	Self
2	Manju Mihu	27	F	Wife
	ivanja mina	2,		
- <u>-</u>	Jaha Mele	30	м	Self
2	Bindu Mili	26	F	. Wife
3	Rohita Mele	25	м	Brother
4	Trindu Mele	02	М	Son
SLNO.	NAME	AGE	SEX	RELATIONSHIP WITH HEAD
1	Dista Apralow	25	М	Self
2	Kira Apralow	70	M	Father

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Sachi Mele	40	F	Wife
			sone.
Kuku Miyu	20	м	Son
Kara Miyu	18	м -	Son
Ebali Miyu	15	Ę	Daughter
Yasili Miyu	12	F	Daughter
	Ebali Miyu	Ebali Miyu 15	Ebali Miyu 15 F

1	Sitato Molo	45	М	Self
2	Mira Ekoya	35	F	Wife
3	Ayuli Molo	13	F	Daughter
4	Amili Molo		F	Daughter
5	Wuna Molo	08	Ē	Daughter
6	Jime Molo	05	F	Daughter

1	Pane Milli	40	м	Self
2	Reshma Milli	25	F	Wife

1	Tili Meya	45	F	Self
2	Oniya Meya	18	F	Daughter
3	Hampaty Meya	15	М	Son

ì	Kirame Yalla	65	M	Self	I

1	Rukma Apralow	28	M	Self
2	Yamı Apralow	Z5	F	Wife
3	Jali Apralow	05	F	Daughter
í <u>4</u>	Endro Apralow	01	м	Son

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SLNO.	NAME	AGE	SEX	RELATIONSHIP WITH HEAD
i	Jimane Mihu	45	м	Self
2	Ena Umpo	35	F	Wife
1	Rahani Milli	30	M	Self
2	Durmus Milli	25	F	Wife
3	Angli Milli	80	F	Daughter
4	Ashish Milli	05	м	Son
- <u>.</u>	Cheposi Milli	50	м	Self
2	Meyo Rondo	45	۴	Wife
3	Wuna Milli	20	F	Daughter
4	Wuthu Milli		F	Daughter
5	Ambo Milli	12	м	Søn
1	Shumti Apralow	50	٤	Self
2	Mashi Mili		F	Daughter
3	Hiniya Apralow	20	F	Daughter
			. [	
1 .	Chana Milli	40	M	Self
2	Nutha Pulu	30	۶	Wife
3	Neha Milli	12	۶	Daughter
4	Anjite Milli	09	м	Son
5	Neji Milli	05	F	Daughter
1	Kimbu Milli	35	M	Self

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1	Gumpo Apralow	30	М	Self
2	Yopi Taru	28	F	Wife
3	Dukaro Apralow	10	M	Son
4	Athuma Apralow	08	м	Son
<u></u> _	Maselo Apralow	06	F	Daughter
6	Eyena Apralow	02	F.	Daughter
1		<u></u>	I	
 1	Jaha Ekroya	40	M	Self

SLNO.	NAME	AGE	SEX	RELATIONSHIP WITH HEAD
1	Akhato Mele	35	м.	Self
2	Kami Milli	30	F	Wife
3	Kamili Mele	15	F	Daughter
4	Kone Molo	65	F	Mother
I				

1	Pasidi Ya <b>lla</b>	40	М	Self
2	Riko Miso	30	F	Wife
3	Yobìta Yalla	16	М	Daughter

1	Konga Mele	45	F	Self

1	Tawu Milli	50	м	Self
2	Sanda Mihu	45	F	Wife
3	Manish Milli	25	M	Son
4	Yima Milli	22	м	Son
5	Tima Milli	19	F	Daughter
6	Elito Milli	15	F	Daughter
7	Mefeya Lombo	11	F	Daughter

8		70	F	Mother
	·			

1	Khelo Mepoya	60	Self
2	Eto Mepoya	22	Son

1	Andayi Pulu	40	F	Self
. 2	Eho Milli	20	м	Son
3	Thuko Milli	15	f	Daughter
4	Yone Milli	13	£	Daughter
5	Amu Milli	11	F	Daughter

# DARF LIST PROJEST AFFECTED FAMILIES OF APUNLI VILLAGE (UNDER DISPLACEMENT)

SLNO.	NAME	AGE	SEX	RELATIONSHIP WITH HEAD
1	Kada Ekroya	50	м	Self
2	Masi Mele	40	F	Wife
3	Juhina Ekroya		м	Son
4	Gobind Ekruya	18	M	Son
5	Ngami Ekroya		F.	Daughter
6	Tadu Ekroya	13	M	Son
7	Thupi Ekroya	11	F	Daughter
8	Echo Ekroya	05	м	Son

1	Masere Apralow	· 40	м	Self
1	Chopa Apralow	40	. м	Self
2	Juli Mito	35	F	Wife
	Biju Apralow	15	м	Son
4	Hari Paralow	13	м	Son

5	Cheyta Apralow	11	м	Son
5	Meta Apralow	09	м	Son
7	Alonge Apralow	06	F	Daughter

Emuhu Mele	46	м	Self									
Jali Milli	35	F	Wife									
Aho Mele	14	M	Son									
Emili Mele 12 F Dau	Emili Mele 12 F	Emili Mele 12 F Daughter	12 F Daug	Emili Mele 12 F Daughter	Emili Mele 12 F Daughter	nili Mele 12 F Daughter	- 12 F Daug	e - 12 F Daughter	- 12 F Daught	- 12 F Daugh		Daughter
Awuli Mele	īo	F	Daughter									
Ajili Mele	08	F	Daughter									
Huma Mele	05	М	Son									
Dija Mele		M	Son									
	Jali Milli Aho Mele Emili Mele Awoli Mele Ajili Mele Huma Mele	Jali Milli     35       Aho Mele     14       Emili Mele     12       Awoli Mele     10       Ajili Mele     08       Huma Mele     05	Jali Milli     35     F       Aho Mele     14     M       Emili Mele     12     F       Awuli Mele     10     F       Ajili Mele     08     F       Huma Mele     05     M									

1	Komane Mele	60	М	Self
2	Sipindo Ekroya	55	F	Wife

# DARF LIST PROJEST AFFECTED FAMILIES OF PUNLI VILLAGE (ANINI CIRCLE) (UNDER DISPLACEMENT)

51	No. of	Name of the Families	Relationship with	Gender	Total
No. PAFs	Members	Head of the Family		Members	
1.		Yota Melo	Self	M	
2.		Dumiya Mihu	J. Wife	F	
3.		Umili Mikhu	Wife	F	
4.		Dukha Melo	5on	M	
5.		Endo Melo	Son	M	
6.		Ella Melo	San	M	
7.	1	Ahunkina Melo	Grand Son	М	13
8.		Malla Melo	Daughter	F	
9.		Lucky Mela	Daughter	F	
10.		Kanya Melo	Daughter	F	

11.		Ehimi Melo	Grand daughter	£	
ï2.	F	Jinyo Melo	Grand daughter	F	-
13.	F				_
14.		Kati Melo	Self	м	
15.	2	Esha Milli	Wife	F	4
<b>16</b> .	_	Ango Melo	Son	М	
17.	-	Mapu Melo	Son	М	-
18.	ĺ	Alako Melo	Self	м	
19.	F	Musiya Meme	Wife	F	_
20.		Agano Melo	Son	м	7
21.	-	Rajini Melo	Son	М	-
22.	-	Vishma Melo	Son	М	-
23.	-	Yongo Melo	Grand son	м	-
24.	ŀ	Sily Melo	Daughter	F	-
25.	3 -	Sami Melo	Daughter	F	- 14
26.	_	Juhi Melo	Daughter	۶	_
27.	_	Ami Melo	Daughter	F	_
28.	-	Asami Melo	Daughter	۴	_
29		Apuli Melo	Daughter	F	_
30.	-	Anasi Melo	Grand daughter	F	1
31.	Г	Heema Mena	Daughter in Law	F	1
32.		Aro Melo	Self	М	
33.		Khoboro Melo	Brother	М	1
34.	-	Imuya Meme	Mother	F	-
35.	ſ	Khendaya Linggi	Brother's wife	F	-1
36.	4	Yamî Mili	Wife	F	<b>1</b> 4
37.	L	Byaido Aprolo	Wife	F	]
38.	1	Meta Melo	Son	M	-

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36

39.		Sichang Melo	Son	м	
40.		Wooming Melo	Son	М	
41		Numuli Melo	Daughter	F	
42		Peha Melo	Daughter	F	
43		Indika Melo	Daughter	F	
44		Amune Melo	Amume Melo	F	
45		Pinja Elapra	Mother in low	F	
46		Mangeso Melo	Self	M	
47		Lina Aprolo	Son	м	
48		Manti Melo	Son	м	
49		Ellaka Melo	Son	м	
50	ċ	 Díchu Melo	Son	M	10
51		Imiko Melo	Son	м	
<u>57</u> .)		Lane Melo	Son	м	
53		Chune Melo	Daughter	F	
54		Athuhi Melo	Grand daughter	F	
55		Hichi Mimi	Daughterin law	F	
56		Dilli Melo	Self	м.	
57		Bimmiya Melo	Wife	F	
58		Tirap Melo	Son	M	
59		Indro Melo	Son	м	6
60		Mawu Melo	Daughter	F	
61		Leso Meio	Daughter	F	
62		Khele Melo	Self	M	
63		China Mena	Wife	F	
64	6	lchuwru Melo	Brother	<u> </u>	5
65		Tatum Melo	- Son	M	
66		Phichi Mena	Daughter	F	

67	7	Padm Melo	Self	M	2
68	F	Danti Mili	Wife	F	
69		Eta Melo	Self	M	
70	F	Pime Melo	Wife	F	
71	Γ	Wusami Melo	Şon	M	
72 1	L	Thruni Meło	Son	M	
73	-	Lani Melo	Son	M	
74	ſ	Miya Melo	Daughter	F	
75	9	Ojome Melo	Self	м	
76	-	Sukha Mele	Mother	f	
77		Joto Ekru	Self	м	
78	F	Piyane Melo	Wife	F	
79	F	Limi Ekroya	Wife	F	
80	10	July Ekru	Son	M	7
81	L	Ayangi Ekru	Daughter	F	
82	F	Chihi Ekru	Daughter	F	
83 -	-	Ngaya Ekru	Daughter	F	
84	1 [	Phindra Melo	Self	F	1
ë5⊺ Γ		Dacha Melo	Self		
86	F	Unti Tayu	Wife	F	
87	-	Poso Melo	Son	. M	7
88	-	Eja Melo	Son	M	
89	L	Chanku Melo	Son	м	
90	-	Yama Melo	Daughter	F	

91	 Masiya Melo	Daughter	F	
92	Bachu Mihu	Self	м	
93	11 mi Mili	Wife	F	

94	13	Saiba Mihu	Son	м	6
95		Chanchi Mihu	Son	м	
96	-	Lahi Mihu	Daughter	F	
97	F	Mune Mihu	Daughter	F	
98		Rupu Mena	Self	м	
99		Elisha Melo	Wife	F	
100	L	Riko Mena	Son	м	7
201	î4	ija Mena	Son		
102		Throna Mena	San	М	
103	-	Thrusa Mena	! Daughter	F	
104	_	Athume Mena	Daughter	F	
105		Atoma Melo	Self	M	
106	-	Sichili Melo	Wife	F	
107	Γ	Dero Melo	Son	м	
108	F	Sendre Mipi	Daughterin low	F	
109	F	Zeng Melo	Grand son	м	
110	-	Ozeng Melo	Grand son	M	
111	L	Jiheta Melo	Grand son	M	
112	15	Toheta Melo	Grand son	- M	18
113		Tuni Melo	Son	M	
114		Bajini Melo		M	
115		Takidi Melo		M	
116	_	Mrachi Melo	Daughter	F	
117	Γ	Asasi Melo	Grand daughter	۶	
118		Khune Melo	Grand son	м	
119	_	Line Melo	Grand gaughter	Ę.	
120	—	Rine Melo	Grand daughter	f	
121		Monoti Pulu	Daughterin low	F	

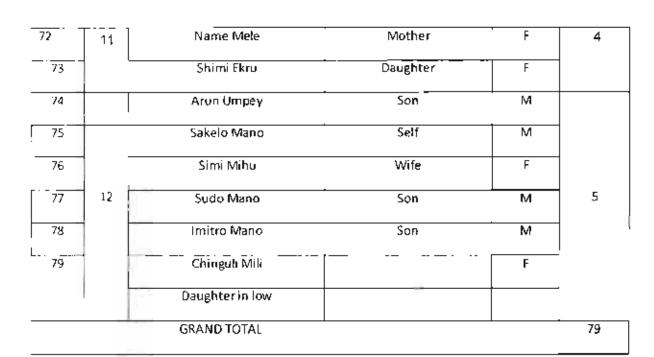
122		Milan Meme	Daughter in low	F	
123	16	Ajad Melo	Self	М	1
124	17	Yani Mena	Self	м	1
125	] .	Hati Melo	Self	М	
126	_	Yubi Mengo	Mother	F	
127	18 —	Kulita Melo	Son	м	5
128	_	Lahu Melo	Son	М	
129	-	Luti Melo	Son	Μ	
	·	GRAND TOTAL			129

# DARF LIST PROJEST AFFECTED FAMILIES OF AKOBE VILLAGE (ANINI CIRCLE) (UNDER DISPLACEMENT)

SL NO.	NO. OF PAFs	Name of the Family Members	Relationship with Head of the Family	Gender	Totəl Member
1	PAL	Athuko Flapra	Self	F	
2		Kosto Mano	Daughter	F	
3	1	Lato Mano	Son	Μ	5
4		Yami Mano	Daughter	F	
5		Azaru Mano	Son	м	
6		Ebili Mimi	Self	F	
7	2	Khraketo Mano	Daughter	F	
8		Deketo Mano	Daughter	F	
9	3	Êpi Umpey	5elf		
10		Amune Melo	Mother	F	
11		Jivan Umpey	Brother	М	
12		Sona Umpey	Sister	F	
13		Ehi Melo	Nephew	Μ	
14		Wondahimi Umpey	Son	М	
15		Wupi Mikhu	Sister in low	F	

16	4	Timu Mano	Self	м	
17		Mri Ealpra	Wife	F	
1`8		Lorati Mano		M	]
		Sima Meto	Daughter in low	- F	
			-		
20	_	Mane Mano	Daughter		
21		Tafu Mano	Daughter	F	
22		Ithora Mano	Son	M	
Z3	5	Bijari Mano	Self	м	I
24		Sita Tayu	Wife	F	
25		Anami tayu	Daughter	F	
26		Mirna Tayu	Daughter	F	
27	Ţ	Gocho Tayu	5on	M	
28	- 	Ayonka Tayu	Daughter	F	
29	6	Eko Mano	Self	м	
30		Diya Mipi	Wife		
31	i —	Atega Mano	Father	м	
32		Lajo Mano	Son	м	
33	6 —	Alokho Mano	Son	M	7
34 —	-	Hoja Mano	Son	M	
35		AthaduMano	San	M	
36		Thandu umpey	Self	M	
37	-	Masa Mimi	Mother	F	
38	7	Ела <b>M</b> ili	Niece	F	5
39	-	Korne Mili	Nephew	F	
40	-	Subah Mili	Brother in low	M	
41	<u> </u>	Paro Mano		l	
42		Mana Melo	Wife	F I	
43	-	Sanmija Mano	+ <u> </u>	M	

44	· · · ·	Rimi Molo	Daughterin low	F	
45	-	Rajiv Mano	Son	М	-
46	_ L_	Marina Mano	Daughter in low	F	-
47	· ·	Saniya Mano	) Daughter	F	-
48	-	Popen Mano	Brother	M	-
49	-	Shanti Mano	Daughter	F	-
50		Rina Mano	Daughter	F	-
51		Wula Mano	Grand daughter	F	
52		lmu Mano	Grand son	м	-
53	+	Shanti Mano	Self	M	
54	-)	Jali Mipi	Wife	F	-
55	-	Maiya Mihu	Mother	F	-
56	9	Jine Mano	Daughter	F	-
57	-	Pooja Mano	Daughter	F	8
58		Ambuji Mano	Son	M	
59		Daiku Mano	Son	м	
60					{
61		Puini Melo	Self	М	
62		Dafu Mito	Wife	F	-
63		Yali Mihu	Mother	F	1
64		Hero Melo	Son	M	
6S	10	Ayapi Melo	Son	M	10
66	-	Luta Melo	Son	м	
67	-1	Rima Melo	Daughter	F	.
68		Pinyo Melo	Daughter	F	
69		Athupa Melo	Daughter	F —	
70	_	Tala Melo	Son	M	
71		Dalipi Umpey	Self	F	



### DARE LIST PROJEST AFFECTED FAMILIES OF YURON VILLAGE (ANINI CIRCLE) (UNDER DISPLACEMENT)

SL NO.	NO. OF PAFs	Name of the Family Members	Relationship with Head of the Family	Gender	Total Member
l		Rukmo Mow	Self	M	1
2		Manaya Mena	Wife	F	
3	1	Niti Mow	Daughter	F	5
4		Chosa Mow	Daughter	F	
5		Gusi Mow I	Son	м	
6		Sunil Mow	Self	м	
7	2	Seema Linggi	Wife	F	
8		Weene Mow	Daughter	F	4
9		Imme Mihu	Mother	F	
10		Непі Тауц	Self	М	
11		Junaki Keche	Wife	F	
12	3	Wuya Тауш	Şon	м	5
13		Throne Tayu	Son	м	
14		Vijay Tayu	Brother	M	

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15	•	Tasuku Tayu	Self	М	
16		Amiya Milli	Mother	F	
17	[	Puney Tacho	Wife	F	
1.8		Lucy Molo	Wife	F	
19	4	Kamili Mimi	Wife		
		Soco Тауи	Brother		
21 -		Sudama Tayu	Sister	F	
- 22 <sup>-</sup>		Jeenita Tayu	Daughter	F	4
23		Ambeya Tayu	Daughter	F	
24		Aho Tayu	Son	M	
25		Jiha Tayu	Daughter	F	
26		Liha Tayu	Daughter	F	
27		Manji Tayu	Son	<u>.</u>	
28		Lunjikhi Tayu		- † - <u>m</u>	
29		Indo Тауц	San	M	
30	· · · ·	Juhutu Tayu	Self	M	
31	5	Tawrungi Ekru	Wife	F	3
		Awonje Yalla	Mother	۴	
33		Vijay Tayu	Self	M	
34	6	Lucky Tayu	Niece	F	3
35		Kumili Tayu	Mother	F	
36		Soko Tayu	Self	M	
37		Sudama Tayu	Sister	F	4
38	7	Ambeya Tayu	Niece	F -	
39		tiha Tayu	Niece	F	
40		Aho Tayu	Self	M	
41	8 —	Jiha Yayu	Sister	F	3
42		Pune Tacho	Mother	. F	

43	Ranchi Tayu	Self	М	
44	Endu Umpo	Wife	м	
45	Алі Тауц	Daughter	F_	
46 9	Ebi Tayu	Daughter	F	8
47	Еуа Тауо	San		
48	Арі Тауи	Daughter	F	
49	Jungli Tayu	Nepphew	м	
50	Yiha Tayu	Nephew	M	
51	Ambi Tayu	Şelí	M	
52	Niri Mimi	Mother	F	
53 10	Elichi Tayu	Sister	F	5
54	Deepa Тауи	Sister	F	
55	Jomoya Tayu	Sister		

# DARE LIST PROJEST AFFECTED FAMILIES OF AYESO VILLAGE (ANINI CIRCLE) (NON-DISPLACEMNT)

SL NO.	NO. OF PAFs	Name of the Family Members	Relationship with Head of the Family	Gender	Total Member
- <u> </u>		Pasige Mikhu	Self	м	
2		Ramu Mikhu	Son	M	
3		Jita Mikhu	Son	M	
4		Runtí Mikhu	Son	M	
5		Rinko Mikhu	Son	M	
6	1	Eho Mikhu	Son	м	11
7		Gintu Mikhu	Son	м	
8		Yali Mikhu	Daughter	F	
9		Toklu Mikhu	Grand-Son	M	
10		Pichkii Mikhu	Grand-daughter	Ē	

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11	Рорі Меро	Daughter in law	F	
	GRAND TO	[ TAL		11

# DARF LIST PROJEST AFFECTED FAMILIES OF AUGLI VILLAGE (ANINI CIRCLE) (non-displacement)

SL. No.	Name	Sex	Relationship with Head	Remarks
House N	0.1			
ī —	Shri Ruchu Mihu	м	Self	
2	Woyama Melo	F	Wife	
3	Emuya Meme	]F	Mother	
4	Eran Mihu	M	Son	
5	Gandhi Mihu	M	Son	Under 18 yr
6	Karan Mihu	тм	Son	Under 18 Yr
7	Hene Mihu	 _ F	Daughter	Under 18 Yr
House No	o. 2		l	
8	Takode Mihu	M	Self	
9	Pisa Tayu	F	Wiofe	ł —
10	Ayenji Miri	F	Wife	
11	Atoma Mihu	M	Son	Under 18 yr
12 -	Ashi Mihu	F	Daughter	Under 18 Yr
House				
No. 3				
13	Chimili Tacho	F	Self	,
14	Dopi Mihu	M	Son	
15	Anju Mipi	F	Daughterin Law	
House Nr	0.4			
16	Elisha Mihu	м	Self	
17	Junti Mango	F	Wife	
18	Rawuh Mihu	M	Son	Under 18 Yr
19	Athuko Mihu	M	Son	Under 18 yr

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20	Mita Mihu	F	Self	
23	Noben Mihu	M	San	
22	Riju Mihu	M	Son	
23	Kelebe Mihu	м -	Son	·
24	Chula Mihu	м	Son	
25	Ando Mihu	M	Son	
26	Jine Mihu	F	Daughter	Under 18 Yr
House	No. 6			
27	Yuda Tayu	M	Self	;
28	Bamiya Mikhu	F	Wife	
29	Bijili <b>Yay</b> u	M	Son	
30	Antbika Tayu	F	Grand Daughter	
House	Ne. 7			
31	Wushi Pocha	F	Self	
32	Rundu Mihu	M	Grand Son	
House	No. 8		•·	1
33	Leena Mili	F	Self	1
34	Bete Tayu	` M	Son	
35	Hutili Tayu	M	Son	
36	Mele Tayu	F	Daughter	
37	Γιου Ταγμ	M	Grand Son	I
38	Toloh Tayu	M	Grand Son	İ
House	No. 9			
39	Wuti Təyu	м.	Self	
	หกบรก่ โลงน	F F	Wife	
40				
40 41	Lauthu Tayu	] M	Son	

43	Nasma Mega	F	Daughter in Law	
44	Ejuli Tayu	F	Daughterin Law	Under 18 Yr
45	Echu Tayu		Grand Son	Under 18 Yr

6.2 The Project Affected Committee Etalin, proposes that value of land to be calculated based on the rates of land approved by State Govt.

SL NO.		CLASSIFICATION OF LAND RATE	PROPOSED RECOMMENDED RATES PER SQ.MTR
L 1.		Commercial plots in market area	350/-
2.		Residential plots in urban area	250/-
3.		Residential plots in rural area	80/-
4.		Industrial area	500/-
5.		Agricultural area	
ŀ	1.	Irrigated land approachable by motorable road	150/-
ŀ	2,	Rainfed terrace land approachable by motorable road	120/-
ŀ	З.	Irrigated land not approachable by motorable road	100/-
ļ	4.	Rainfed terrace land not approachable by motorable road	80/-
6.		Horticultural land	
-	1.	Approachable by motorable road	150/-
-	2.	Not approachable by motorable road	110/-
		Under developed cultivable land approachable by mo	l Itorable road
	1.	Flat land	100/-
	2.	Siope land	75/-
	3	Steepslope land	30/-
8.		Underdeveloped cultivable not approachable by mot	L orable road
ŀ	1.	Flat land	105/-

_	Z	Stope land	S0/-
	3.	Steep slope land	50/-
9.		Barren/uncultivable land	25/-
10		Marshy land	25/-
11.		Grazing land	40/-

### 7. Rehabilitation and resettlement plan

7.0 In order to provide the adequate compensation to affected families and infrastructure facilities in the area, Project Affected Committee, Etalin has proposed "A Comprehensive Development Plan in Project Affected Areas" as its own definition relatively with NRRP 2007 and SRRP 2008'. A comprehensive plan considering in the shape of few modified definitions and enhanced from that provisions laid down in NRRP 2007' and SRRP 2008' keeping in view to the greater interest of PAFs.

7.1 The Rehabilitation and Resettlement Plan shall be made as per the procedure laid down in Chapter-VI of the NRRP 2007' where in the words 'two hundred or more facilities en-mass in tribal or hilly area" under 6.1, of NRRP 2007' are substituted by the words "05 (five) or more families" In the case of Etalin Hydro Electric Project, PAFs have shown their interest to settle in different small pockets of resettlement plan which shall be finalized in consultation with State Govt.

7.2. Compensation against loss of rights and privileges of the tribal people to collect and use forest produce from USF @Rs. 1,56,000 per Ha for USF area and RS. 78,000 per Ha for Reserved Forest land (if any rights and privileges are granted by notification constituting RF) for the base year 2008 as on 1-4-2008. In addition, in case of diversion of USF, the Community shall also be paid compensation against extinction of their traditional rights over the USF land use @ 25% of NPV as determined by Go1 from time to time. This compensation to the community is over and above the NPV paid to CAMPA.

Requisite amenities for PAFs in the resettlement colony in the shape of the following manners:-

- a) Link Road & Footpaths.
- b) Drainage in around resettlement colony.
- c) Tree Plantation.

d) Drinking Water Facilities.

e) Electrification.

f) Utility Centre (Common facility area - To be centrally located)

g) Community Hall.

h) Street Light.

i) Welcome Arch for each resettlement village

j) Graveyard.

7.3 The State govt, shall declare, by notification in the official Gazette in area of villages or localities as an affected are where there is likely to be involuntary displacement of 05(five) or more families due to acquisition of land for any project or due to any other reason.

7.4 The Administrator for rehabilitation and resettlement shall undertake a base survey and census for identification of the persons and families likely to be displaced with notification of the affected areas as well as proposed resettlement sites.

7.5 It shall be the responsibility of M/S/ Jindal Power Limited / EHEPCL to provide sufficient funds to the Administrator for Rehabilitation and Resettlement or Deputy Commissioner, Dibang Valley for proper implementation of the rehabilitation and Resettlement scheme or plan is finalized, the requiring body shall deposit the cost of the rehabilitation and resettlement scheme or plan with the administration for rehabilitation and Resettlement. The master plan of resettlement colony shall be finalized in consultation with the displaced families of each displaced villagers and work out as early as possible.

7.6 The compensation award shall be declared well in time before displacement of the affected families. Full payment of compensation as well as adequate progress in resettlement shall be ensured prior to the actual displacement of the project affected families.

8. Land Allotment and Compensation

8.1 Resettlement sites for Project Affected Families getting displaced shall be identified considering the clanship obligations in consultation with State Govt.

SL.	Description of item	Unit	Rate (Rs in Lakhs)
No.		I	
Ι.	Providing Housing Grant to	Per House	(EHEPCL shall
	displaced families		construct house as
			per the mutually
			agreed design)

8.2. Housing benefit and components suggested see in Table 1 below.

2,	One time lump-sum livelihood grand @agricultural wages to affected family	Per tàmiły	2.00
3.	One time financial assistance to affected person who is self employed and displaced	Per person	0.75
4.	Transportation grant to displaced family for shifting of their home appliances.	Per family	0.60
5.	One time Financial assistance to displace family for cattle shed.	Per family	0.40
6.	One time financial assistance to displace family for horticulture garden	Per family	5.00
7	Subsistence allowance to the project affected families for One year	Per family	0.60
8.	Arrangement annuity policies for pension to the vulnerable persons	Per person	1.00
9	Free Electricity to PAFs	Per family	As per MoA
10.	Expenditure on stamp duty etc. registration of the instruments related to transfer of land or house allotted to the affected families	Per family	As per actual
ll.	Providing Mithun grazing ground grant at resettlement area	Per village	Covered under Para 7.2 of this plan
12.	Assistance to entrepreneurs for providing transport services in the District		To be separately provided in Local Area Development Programme

#### Table : I

8.3 Recruitment of project personal M/S Jindal Steel & Power Limited shall reserve categories of posts against the project to be filled up by the local tribal people, subject to the incumbents fulfilling the job requirements as per SRRP. The Project Affected eligible candidates will be given preference.

8.4 Other things being equal, the company shall give preference to the local contractors according to their experience, capability & expertise.

8.5 Where ver necessary the company shall arrange for training of the affected persons, so as to enable such persons to take on suitable jobs.

8.6 The Project Affected persons shall be offered the necessary training / educational lacilities for development of entrepreneurship, technical and professional courses and specialized courses.

8.7 Provisions left out in the Comprehensive Plan would be standing in the implementation subjects to which ever in the State Rehabilitation and Resettlement Policy 2008.

## 9. Land allotment and grants in lieu of land acquired.

## i) Budget for Social Welfare Scheme

SI.   No.	Programme	Amount
		(Rs. in lakhs)
·· <sub>I</sub>	Wildow grants	Provisions as per SRRP Clause No.
2.	Assistant to physically handicapped	8.122.1
3.	Marriage grants (One time financial assistance @Rs. 25,000/- per marriage)	To be separately provided in Local Area Development Programme
4.	Tribal Community Development	To be separately provided in Local Area Development Programme
<b>э</b> .	Support Services for agricultural and Horticultural activities	To be separately provided in Local Area Development Programme
6.	Assistance to the Students from PAFs for pursuing Medical, Engineering & other professional studies in the various disciplined institution in India.	Should be extended to deserving students.

# 10. Overall Economic Development Package.

As the Project is located in one of the most remote districts of Artinachal Pradesh, which is under developed area of the state, it is therefore imperative for both State government and Project Developer to become dutiful partner in the economic development of the area. Due to absence of the requisite administrative jurisdiction like ADC, SDO & EAC HQs in the district which heading in back track of socio- economic development in the region.

The Project Affected Committee proposes the following points to be considered for the project affected people.

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10.1 Govt, of Arunachal Pradesh shall be requested for creating Independent Additional Deputy Commissioner headquarter at Itinli-Etonli for smooth administration in Project Affected area and Middle belt of Dibang Valley District and also to open up of more resettlement area to enhance village units in future.

10.2 Road Network and Transportation: Govt. of Arunachal Pradesh shall be requested for creating connecting road network from Etalin to ttinh- Etonli for proposed independent ADC, H.Q. and R&R extension with 2 lane provision.

- 10.3 <u>Educational facilities :-</u> Opening of high standard educational institutions for Project Affected families in the following manners :
- Opening of one each Feeder School from Nursery to Class V standard at Dri Limb and Tangon Limb in project affected areas with provision of separate Boys & Girls Hostel.
- (ii) Opening of Senior Secondary school for Project Affected Families with separate boarding facilities for boys & girls.
- (iii) Opening of one Community College for PAFs in suitable location for favourable atmosphere condition of expertise trainers / instructors.
- 10.4 Projected Affected Community shall take up with State Govt, proposing 3% instead of1% for Local Area Development from the Power Free share of the State Govt.
- 10.5 PAC shall take up with State Govt, proposing that 1% power free for Local Area Development by the requiring body shall be directly benefited to PAFs monetarily in monthly basis.

#### 10.6 Health care facilities.

The health care facilities are very poor in the district at present, so, the Project Affected Committee proposed for opening a hospital with State of Art equipments.

To create a mutual understanding and co-operation, participation and feedback, PAFs and PAC need to be systematically informed and consulted during preparation and implementation of R&R Plan about their options and rights. In the proposed Project, Cooperation and participation of PAFs in this process could be ensured a better atmosphere in the project works

Prepared and submitted on behalf of PAFs by:- Project Affected Committee, Etalin.



(Tasku Tayu) Secretary Project Affected Committee

(Sadhu Mihu) Joint Secretary Project Affected Committee

(Shri Empi Meya) Treasurer

(Shri Rajiv Sulu) Member

6

(Rukmo Mow) Member

(Miss Ampi Pulu) Member

(Natu Mena)

Member

Yours faithfully,

(Ngasi Mena) Chairman Project Affected Committee

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(Komiso Apralo) Convenor Project Affected Committee

(Dache Melo) Member

(Shri Cheko Meya) Member (Jaha Mele)

Member

(Balo Mele) Member

(Youpi Pocha) Member

(Jándo Taru)

Member

(Phutani Mepoya ) Member

( Rajiv Pulu ) Member

L. Maro

(Eko Mano) Member

(Childo Tayu)

Member



(Robin Mano) Member



(Elisha Mihu) Member

# r

(Runi Yalla) Member

(Vikrant Mepo) Member

(Tabin Pulu) Member



(Kasmi Mano) Member

( Miss Sona Mano ) Member

(Kama Milli) Member

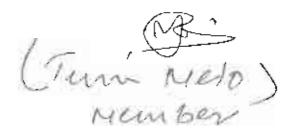
(Runchie Mega) Member

(Smti Anjiwo Pulu) Member

> (Ajay Miso) Member



(AZad Mele) Mauber





The Hon'ble Chief Minister Govt.of Arunachal Pradesh Itanagar.



Dated: 24.11.2014

## Sub:- SUBMISSION OF 3 (Three) POINTS MEMORANDUM IN RESPECT OF EHEPCI. PROJECT.

R/Sir,

While Inviting the above reference, It is on behalf of the entire PAF's under EHEPCL, we the executive member's of PAPF (Project Affected people's forum) humbly herewith submitting the genuine grievances & demands to your good office prior to, the conduct of Public hearing for reconsideration and redresses.

Sir, the Committee PAPF is the sole representative of PAA (Project affected Areas) under EHEPCL 3097Megawatt.We have thoroughly observed the substances of the draft documents like EIA,EMP,SIA and R& R reports brought to the public domain by the project proponent. Sir, PAPF seeks for assurance from your majesty government to implement the "COMPENSATION & R& R PLANS" in a free-fair and transparent way to ensure security and bright future of the 265 PAF's to be mandatorily based upon RFCT In LARR Act'2013.

So, the PAPF (Project affected peoples forum) humbly submitting the following 3(Three) points memorandum, which required to be given prior-importance from your end sir.

- PAPF appeal for introduction of direct electronic cash transfer of 1% power free from the project developer's into PAF's bank account through the Bank account of LADC(Local area development Committee).Although the scheme being introduced against PSU's Hydro-power project based upon New Draft Hydro-power policy'2013.So, the forum request the government for early introduction of the scheme against the Hydro projects being allotted in respect of the private companies including M/s Jindai steel & Hydro power corpn ltd in the larger interest of the PAA& PAF's for the whole districts of Arunachal Pradesh. Please refer to the Para. (5) 5.1 & 5.1.1 and 5.1.3 under "GUIDELENES FOR MANAGEMENT OF LADF IN RESPECT OF CENTRAL SECTOR'S" Hydro electric projects.
- 2) The Forum request the state government to assure for "EQUITY FREE" against the EHEPCI. Project to ensure the PAF's for bearing the 100% expenses to be incut on the "COMPENSATION, R&R Plan Packages" by the project developer's itself in the larger interest of the PAF's.

3) The said Forum urges the state government to assure for implementation of disbursement of "COMPENSATION PACKAGE" against the diversion of USF land & killing of rights & privileges shall be .. done in single installments based upon RFCT IN LA R R Act'2013.

In the above context, the forums (PAPF) appeal to the state government to look into the aforesaid genuine grievances& demands sincerely and seriously for early fruitful redresses.





(Sidu Mihu) General Secy,PAPF Etalin.

(Rajive Pulu) Vice-ChairmanPAPF Etalin.

(Sana Mano)

Assit.General Secy, PAPF Akobe.

(Janua Umpey) Joint Secy, PAPF Etalin,

(Jando Taru) Convenor,PAPF Aulin.

Memo No.PAPF-02/2014-15/

Dated Anini the 24th Nov" 2013.

Copy to:-

- The Commissioner Ministry of Power, Govt. of Arunachal Pradesh, Itanagar for kind information please.
- 2) The Member Secretary APSPCB, Govt. (A.P) Itanagar, for kind information please.
- The Honorable MLA, 41 Anini ST Assembly Connstituency Anini, for kind information please.
- The Managing Director, Hydro Power Development Corporation, Govt. of Arunachal Pradesh for kind information please.
- The Chief Engineer Monitoring, Govt. of Arunachal Pradesh for kind information please.
- 6) The ZPC Dibang Valley District, Anini for kind information please.
- The DC-Cum-R& R Administrator, Dibang Valley District, Anini for kind information please.
- 8) The Circle Officer Etalin for kind information please.
- 9) The Hop, EHEPCL Etalin, for kind information please.
- 10) The Editor of Arunachal Time for kind publicity.
- 11) Office copy/spare copy

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(Tasku Tayu ) Chairman,PAPF Anini. (Sadu Mihu) General Secy,PAPF Etalin.

(Rajive Pulu) Vice-ChairmanPAPF Etalin.

(Sanja Mano)

Asstt.General Secy, PAPF Akobe. (Janta Umpey) Joint Secy,PAPF Etalin. (Jando Taru) Convenor,PAPF Aulin.

# **Public Notice**

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## Government of Arunachal Pradesh ARUNACHAL PRADESH STATE POLLUTION CONTROL BOARD Department of Environment & Forests Naharlagun

No APSPCB-91/2014/EHEP/ 301

Dated Naharlagun, the 23-8, 2014

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Το,

The Deputy Commissioner, Dibang Valley District (Anini), Govt. of Arunachal Pradesh

Sub: Public Hearing for grant of Environmental Clearance in respect of Etalin Hydro-Electric Project (3097MW), Dibang Valley District-regarding

Sir,

It is to inform you that this office is in receipt of an application from the Executive Vice President (Environment), M/s Etalin Hydro Electric Power Company Limited executing the Etalin Hydro Electric Project (3097 MW), Dibang Valley District, Arunachal Pradesh with a request to conduct public hearing for grant of Environmental Clearance from the Ministry of Environment & Forests, Govt. of India, New Delhi.

As per the EIA Notification dtd 14<sup>th</sup> September, 2006 and subsequent amendments the venue and the date of public hearing of the said Hydro Electric Project is to be fixed in the project site/area.

In view of the above, I am to request you to fix a suitable date and venue for conducting the public hearing of Etalin Hydro Electric Project (3097 MW), Dibang Valley District, so that the Project Affected Families/Public of the area has greater participation during the public hearing proceedings.

The venue and the date may kindly be intimated at 45 days in advance to enable this office to publish the "Notice of the Public Hearing" in News papers for which a minimum period of 30 days is required before the date of public hearing.

I would appreciate if the said date and the venue of the public hearing is intimated to the undersigned at the earliest.

Enclo: Appendix-IV of the EIA NotiFication, 2006

Yours faithfally,

(N. Tam),//FS

Member Secretary

Paryavaran Bhawan, Papu Hill, Yupia Road, Naharlagun – 791110 E-mail: <u>arunachalspcb@g</u>mail.c<u>om</u>, Website: <u>www.apspcb.org</u>.in Ph. No. 0360 – 2005120, 2005121

# GOVERNMENT OF ARUNACHAL PRADESH ARUNACHAL PRADESH STATE POLLUTION CONTROL BOARS PARYAVARAN BHAWAN, YUPIA ROAD, PAPU HILL NAHARLAGUN



No.APSPCB.91/2014/EHEP/ 312 -14

Dated, Naharlagun, 29 .8.2014

To,

- The Deputy Commissioner, Dibang Valley District, Anini, Gov of Arunachal Pradesh
- The District Industries Officer, DIC, Anini, Dibang Valley District, Gov of Arunachal Pradesh
- The Zilla Parishad Member, Etalin, Dibang Valley District
- Sub: Submission of the EIA, EMP and Executive Summaries in respect of Etalin Hydro Electric Project (3097 MW), Dibang Valley District, Arunachal Pradesh.

#### Sir,

Please find enclosed herewith the copies of EIA, EMP, Executive Summaries, Social Impact Assessment Reports along with the report on assessment of Environmental Flows for Etalin Hydro Electric Project (3097 MW), Dibang Valley District, Arunachal Pradesh for display in your office, so that the interested persons can have access to it during normal office hours.

As per ether EIA Notification dtd 14<sup>th</sup> September, 2006 and subsequent amendments, the above mentioned documents may please be kept in your office for inspection electronically or otherwise to the public during normal office hours till the public hearing is over.

Enclo; As above

Yours faithfully, li le itte

(J. Kato) Scientist-B, APSPCB for Member Secretary

# The Times of India

Guwahati/North East, Tuesday, November 11, 2014

#### GOVERNMENT OF ARUNACHAL PRADSER ARUNACHAL FRADSER STATE POLLUTION CONTROL BOARD PARYAVARAN BUAWAN, Y CPUA ROAD, PAPPU BUL NAUARLAGUN

No.APSPCB/91/2014/1.HEP/341

#### Daix 7 /11/2014

NOTICE OF ENVIRONMENTAL PUBLIC HEARING

It is for general information to all concerned that the Public Hearing relating for Environmental Clearance order Environmental (Protection) Act, 1986 in respect of Etalia Hydro Electric Project (2007 NIW). Dubing Valley District, Arunachal Prodesh executed by Mis Eraba Hydro Electric Prover Corporation Entrated (SPV of Jundat Power Limited) with the held as per details given below:

Name of District	Venue	Oute of Public Hearing	Time	
Dibang Valley	Etalin	12 12 2014	1000 HRS	

Suggestions, views, comments and objections of the proposed project, if any, are invited within thiny days (30) from the date of publication of this notification.

All persons including bonafule residents, environmental groups and others located at the projects site/sites of displacement/sites likely to be affected can participate in the Environmental Public Hearing. They can also make oral/written suggestions to the Arunachaf Pradesh State Pollution Control Board (APSPCB). Nabarlagun or the Deputy Commissioner, Dibang Valley District (Anini).

Copies of the draft Environmental Impact Assessment (draft EIA), Environment Management Plan (EMP) and the summing I ovarionmental Impact Assessment along with soft copies have been submitted to the following softwes for the Unvironmental Public Hearing process pertaining to Ecalin Hydro Flecture Project (3097 MW), Dibang Valley District, Aronachat Pradesh

SI, No.	Name of the Office/Place	Location	District
01.	O/o of the Deputy Commissioner	Anai	Dibang Valley
02.	O/o the District Industries Officer	Anini	Dibang Valley
03.	Oto The Zilla Parisad of the area	Etalin	Dibang Valley
04.	Ministry of Environment & Forests, Govt of Iudia, Paryavaran Bhawao, New Dellu	New Delhi (CGO Complex)	- 1.1.1
05.	O/o the APCCF, Ministry of Environment & Forests, Regional Office, Shillong, Meghalaya, Govt. of India.	Shillong (Meghalaya)	-848) 194 1.2
£6.	Aronachal Pradesh State Pollution Control Board, Department of Environment & Foresis, GoAP	Paryayaran Bhawan, Yupia Road, Papu Hill, Naharlagun	Papumpare

Interested persons can access the above mentioned documents from the following places;

# The Arunachal Times Tuesday, November 11, 2014

### GOVERNMENT OF AUGNACUAL TRADSER ARUNACUAL PRADMER STATE POLLUTION CONTROL BOARD PARYANARAN DUAWAN, Y PUA ROAD, PAPPU UILL NAMARLAGUN

NEAPSPER 90/2014/E00P344

Date 7 /11/2014

## NOTICE OF ENVIRONMENTAL PUBLIC HEARING

In its for general internation to all concerned that the Public Hearing relating to Environmental Clearness and Environmental (Protection) Act, 4986 in respect of Lin-Hydro Flecture Project (13092 AIW), Odslag Vialley District. Annualial Protection excerted by Mis Light Protect Excern Prove Environment on Capited (SPV of body Power Linuted) will be held as per denois given below.

Name of District	Venue	Oute of Public Hearing	Time
Dinny Volley	Lum	12 12 2014	1000 HRS

Secretations, views, comments and objections of the proposed project, at any, are avoided, within theiry days. We found the date of publication of this notification.

A Eperatus includity boustide icx dents, covportional groups and others located at the projects sate/sites of displacement/sites likely to be affected can participate in the Environmental Public Hearing. They can also make ora/wristen suggestions to the Arunachal Publics' State Perturbation General Beard (APSPCB), Nabarlagun of the Deputy Commissioner, Dosing Valley District (Anini).

Copies of the draft Levinomentin Topact Assessment (draft EIA). Environment Management Plact (CMP) and the veroneary Environmental topport Assessment along with soft copies have been submitted to the following offices for the Environmental Public Rearing, process performing to Erahn Hydro Electric Project (3697 MW), Dibang Valley District, Aromachal Pradesh

Interested persons can access the above mentioned documents from the failowing places:

SI, No.	Name of the Office/Place	Location	District
01.	Olo of the Deputy Commissioner	Aniesi	Dibong Valley
02.	O/o the District Industries Officer	Anini	Dibang Valley
03.	Oto The Zalia Parisad of the area	Etalin	Dihang Valley
Ū4.	Ministry of Environment & Forests, Govt of India, Paryavaran Bhawan, New Della	New Delhi (CGO Complex)	=A
(iš	O/o the APCO, Ministry of Linvironment & Forests, Regional Office Shillong, Mechalayo, Gost of India	Shillong (Meghalaya)	
06	Aranactual Pradesh Store Polantion Control Board, Department of Environment & Forests GoAP	У ори Road, Раро Ник.	Papumpare
The abov	e mentioned information/documents ca	. s	speb.org.in d/- (N.T), 2FS corretativ, APSPC1

# The Arunachal Times

Tuesday, November 11, 2014

## GOVERNMENT OF ARUNACHAL PRADESH ARUNACHAL PRADESH STATE POLLUTION CONTROL BOARD PARYAVARAN BHAWAN, YUPIA ROAD, PAPU-HILL NAHARLAGUN

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No: APSPCB-91/2014/Etalin HEP/340

Date: 7/11/2014

NOTICE OF THE ENVIRONMENTAL PUBLIC HEARING (Idu Mishmi Dialect)

Echa also homey elinsy kebane alsop, Etalin Hydro Electric Project (3097 MW), Dibang Valley District inachi environmental clearaisse geba ma public hearing jigayewe. Aya hemey M/s Etalin Hydro Electric Power Company United mey jincynwe, aya prowru als ekobe echa andongoh hala cha

District Amuh (District Name)	Hearing Jimu (Venue)	Hearing jigayiwe Machinyeh (Date)	Enne(Time)
Dibang Valley -	Etalio	12.12 2014	<1000 Hrs

Aya pruwru ah, kajiya mey lakotoh, wukotoh, ahi elidoney ilimi-ilign laweda wuji beya echa inyeh jipotela asohru (30) kokoma hajiyotu lagagali.

Keba khe, airdohneh aya jiyegah athi heta-emu hea abh dohney environmental group alumbroh alidoney project anyundoh jiyiga/aya project jogagemey jimu-hamu ma abbey achunga ja wesadah woyi alombroh, ehnekeba aya public hearing ma jigene ahubie jiena lagagah. Ab doneh ehney mey Arusayluil Pradesh. Poliution: Control Board ablidoney Deputy Commissioner, Anini goh ekobe maney( ajoh tiragene ijih hangwe wuji beya abhe hantehna lagagah.

Eastin Hydro Electric Project (3097 MW), Dibang Valley District, Arunachal Pradesh geba machi Environmental Impact Assessment (ElA draft) abjob thrata, Environment Assessment plan (EAP) antidolmey, Environmental Impact Assessment summary aya machi soft copy (CD/DVD) beiney echa andongob thratene degab abja (Officer) alombrob ga khagada lagagab.

Kajiyamey ahya ahjoh ahthu nusi da wuji beya echa ahtih ahnuh hatela mamahney hilajihina lagaga."

SI. No.	Office shmuk	Ahlib amab	District
ī.	O/o the Deputy Commissioner	Anini	Dibang Valley
2.	O/o the District Industries Office, DIC, Anini	Anini	Dibang Valley
3	O/o the Zills Parishad Member (of the area)	Etalin	Dibang Valley
4	Ministry of Environment & Forests, Govt of India, Paryavaran Bhawan, New Delhi	New Delhi (CGO Complex)	
5.	O/o the APCCF, Ministry of Environment & Forests, Regional Office, Shillong, Meghalaya, Govt, of India	Shillong (Meghalays)	
6.	Arunachal Pradesh State Pollution control Board, Department of Environment & Forests, GoAP	Paryawaran Bhawan Yupia Road, Papu Hill, Naharlagun	Papumpare
Athedra I	hanhla ahon/ajohpra herney echa website ma chiwey <u>www</u>		.Tam), 1FS lary, APSPCB

# Echo of Arunachal Tuesday, November 11, 2014

# GOVERNMENT OF ARUNACHAL PRADSEN ARUNACHAL PRADSEN STATE POLUCTION CONTROL BOARD PARY AVARAN BHAWAN, Y EPIA ROAD, PAPPU HILL

NARARLAGEN

No.APSPC1091720\_41\_01.03341

#### Dute 7 /11/2014 💡

# NOTICE OF ENVIRONMENTAL PUBLIC HEARING

It is for general information to all concerned that the Public Hearing relating to Environmental Clearance under Environmental (Protection) Act, 1986 in respect of Etailin Hydro Electric Project (3097 MW). Dibang Valley District. Acousted Pradesh executed by M/s Etailin Hydro Electric Power Corporation Limited (SPV of Jindal Power Limited) will be held as per details go on below.

1	Name of District	Venue	Date of Public Hearing	Time
1	Jibang Valley	Etalin	12.12.2014	1000 HRS

Suggestions, views, comments and objections of the proposed project, if any, are invited within shirty days (30) from the date of publication of this notification.

All persons including bounded residents, environmental groups and others located at the projects site sites of displacementates likely to be affected can participate in the Environmental Public Hearing. They can also make orol/worten suggestions to the Aninachal Profesh State Publisher Control Bourd (APSPC3), Nuharlagun or the Deputy Commissioner, Didong Vailey District (Anau)

Copies of the draw Environmental Impact Assessment (draft EIA), Environment, Management Plan (LMP) and the summary howronmental Impact Assessment along with soft copies have been submated to the following offices for the Environmental Public Hearing process pertaining to Etalin Hydru Electric Project (3097 MW), Dihang Valley District, Animachat Pradesh

Interested persons can access the above mentioned documents from the following places.

SI. Nu.	Name of the Office/Place	Location	District
01.	Olo of the Deputy Commissioner	Anini	Dihang Valley
02.	O/o the District Industries Officer	Anini	Dibang Valley
03.	Oto The Zitta Parisad of the area	Etafin	Dibang Valley
04.	Ministry of Environment & Forests, Govi of India, Paryavaran Bhawan, New Delhi	New Delhi (CGO Complex)	
05.	O/o the APCCF, Ministry of Environment & Forests, Registral Office, Shilloog, Meghalaya, Gost, of India.	Smillong (Meghalaya)	
06	Anunachal Predesh State Pollosion Comrol Board, Department of Environment & Forests, GoAP	Paryavaran Bhawan, Yupia Road, Papu Hill, Naharlagan	Papumpare

# Echo of Arunachal

Tuesday, November 11, 2014

### GOVERNMENT OF ARUNACHAL PRADESH ARUNACHAL PRADESH STATE POLLUTION CONTROL BOARD PARYAVARAN BHAWAN, YUPIA ROAD, PAPU-HILU NAHARLAGUN

No: APSPCB 91/2014/Etalin HEP/340

Date: 7/11/2014

NOTICE OF THE ENVIRONMENTAL PUBLIC HEARING ([doi: Mishing Dialect)

Echa aho homey chney kobane ahuji, Eutim Hydro Hectire Project (3097 MW), Dibang Valley District machi environmental clearance geba ma public hearing jigayewe. Aya hemey M/s Etalin Hydro Electrict Power Company unified mey jineyiwe, aya pruwru ah ekobe ocha andongoh hala cha

District Amuh (District Name)	Hearing Jimu (Venue)	Henring jigayine Machinyeh (Date)	Enue(Time)
Dibung Valley	Easlin	12.12.2014	1000 Hirs

Aya prowru ah, kajiya mey laketoh, wuketoh, ahi alidoney dimi-iligii laweda wuyi beya echa inyeh jipoxela asohru (30) kokoma hajiyena lagogah

Keba khe, alidohinch aya jiyegah athi heta emu bea ahh-dohiney environmental group alombrah alidoney project anyondoh jiyiga/aya project jogugemey jimu hamit na abbey achonga ja wisadah wuyi alombrah, chinckeba aya public hearing ma jigene ahobre jiena lagagah. Ali doneh ehney mey Arunachal Prodesh Pollution Control Board ahlidoney Deputy Commissioner, Anna gob ekobe maney/ ajon thragene jih hangwe wuji beya abbi hantehna lagagah.

Ethlui Hydro Electric Project (3097 MW), Dibang Valley District, Arunachal Pradesh goba machi Environmental Impact Assessment (EIA draft) ahjok thrata, Environment Assessment plan (EAP) shlidohney, Environmental Impact Assessment summary aya machi soft copy (CD/DVD) hentey eclas andougob thratene degub ahjo (Officer) alombroh ga khagada tagagah.

Kajiyamey ahya ahjob ahihu misi da woji beya echa ahtih ahmuh hatela mamahney hilajihina lagaga.

Office shmuh	Ahtik amuh	District
O/a the Deputy Commissioner	Anini	Dibang Valley
Oro the District Industries Office, DIC, Anim	Anini	Dibang Valley
O/o the Zilia Parishad Member (of the area)	Etalm	Dibang Valley
Ministry of Environment & Forests, Govt of India, Paryayaran Bhawan, New Dellui	New Delhi (CGO Complex)	
O/o the APCCF, Ministry of Environment & Forests, Regional Office, Shillong, Meghalaya, Govt, of India	Shillong (Meghalaya)	- 101/2-3
Anunachal Pradesh State Pollution control Board, Department of Environment & Forests, GoAP	Paryavaran Bhawan Yupia Road, Papu Hill, Naharlagun	Papumpare
	Olo the Deputy Commissioner Olo the District Industries Office, DIC, Anim Olo the Zilla Parishad Member (of the area) Ministry of Environment & Forests, Govt of India, Paryayaran Bhawan, New Dellui Olo the APCCF, Ministry of Environment & Forests, Regional Office, Shillong, Meghalaya, Govt, of India Anunachal Pradesh State Pollution control Botrd,	Ofo the Deputy Commissioner     Anini       Ofo the District Industries Office, DIC, Animi     Anini       Ofo the Zilla Parishad Member (of the area)     Etalin       Ministry of Environment & Forests, Govt of India,     New Delhi       Paryayaran Bhawan, New Delhi     (CGO Complex)       Ofo the APCCF, Ministry of Environment & Forests,     Shillong       Regional Office, Shillong, Meghalaya, Govt, of India     (Meghalaya)       Anunachal Pradesh State Pollution control Board,     Paryavaran       Department of Environment & Forests, GoAP     Bhawan, Yupia

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Picture-1: Sri. T. Miso, Deputy Commissioner, Dibang Valley District and Sri. J. Kato, Scientist-B, Arunachal Pradesh State Pollution Control Board, (PANEL MEMBERS).



Picture-2: Sri. J. Kato, Scientist-B, APSPCB. Naharlagun welcoming the Project Affected Families / Public during the Public Hearing held on 12.12.2014 at Etalin, Dibang Valley District, Arunachal Pradesh.



**Picture-3:** Sri. M.M. Madan, President & CEO – Hydro Business, M/s Etalin Hydro Electric Power Company Limited giving Power point Presentation during the Public Hearing held on 12.12.2014 at Etalin, Dibang Valley District, Arunachal Pradesh.



Picture-4: PowerPoint Presentation on Etalin Hydro Electric Project (3097 MW) given by the Developer at Etalin on 12.12.2014 during the Environmental Public Hearing.



Picture-5: Maj Gen (Retd) Balwinder Singh, President (Roads & Logistics), EHEPCL briefing the Project Affected Families (PAFs)/Public about various aspects of Etalin Hydro Electric Project.



**Picture-6:** Project Affected Families/Public present during the Public Hearing of Etalin Hydro Electric Project (3097 MW) held on 12.12.2014 at Etalin, Dibang Valley District, Arunachal Pradesh.



Picture-7: Rear view of the Project Affected Families/Public present during the Public Hearing of Etalin Hydro Electric Project (3097 MW) held on 12.12.2014 at Etalin, Dibang Valley District, Arunachal Pradesh.



**Picture-8**: A speaker seen presenting his view on proposed construction of Etalin Hydro Electric Project (3097 MW) during the Environmental Public Hearing held on 12.12.2014 at Etalin, Dibang Valley District, Arunachal Pradesh.



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**Picture-9**: A youth of the area seen presenting his view on the proposed construction of Etalin Hydro Electric Project (3097 MW) during the Environmental Public Hearing held on 12.12.2014 at Etalin, Dibang Valley District, Arunachal Pradesh.



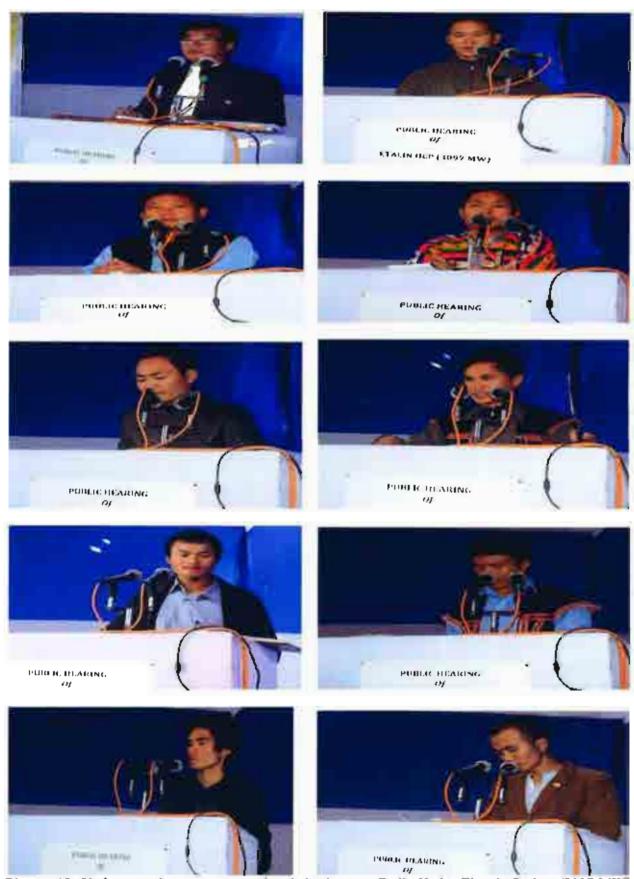
**Picture-10 :** An enthusiastic youth of the area presenting his view on the proposed construction of Etalin Hydro Electric Project (3097 MW) during the Environmental Public Hearing held on 12.12.2014 at Etalin, Dibang Valley District, Arunachal Pradesh.



**Picture-11:** A senior citizen of the area presenting his view on the proposed construction of Etalin Hydro Electric Project (3097MW) during the Environmental Public Hearing held on 12.12.2014 at Etalin, Dibang Valley District, Arunachal Pradesh.



Picture-12: Smt. Akunge Miuli, General Secretary, IMCLS (Women Wing) speaking on behalf of and for the women during the Environmental Public Hearing of proposed construction of Etalin Hydro Electric Project (3097 MW) held on 12.12.2014 at Etalin, Dibang Valley District, Arunachal Pradesh



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**Picture-13:** Various speakers seen presenting their views on Etalin Hydro Electric Project (3097 MW) during the Environmental Public Hearing held on 12.12.2014 at Etalin, Dibang Valley District, Arunachal Pradesh.



ETALIN HER (2005) Picture-14 : Local MLA addressing the public during Environmental Public Hearing held at Etalin on 12.12.2014.



Picture-15 : Sri V. B. Gupta, HoP, EHEPCL giving clarification on the queries raised by the Project Affected Families/Public during the Environmental Public Hearing held on 12.12.2014 at Etalin, Dibang Valley District, Arunachal Pradesh.



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Picture-16: Er T. Manlong, Assistant Environment Engineer, APSPCB reading out the minutes of the meeting to the Project Affected Families (PAFs)/Public at the end of the meeting.



Picture-17: Vote of thanks by Smti. Olaak Apang, Circle Officer, Etalin to the chair and to all participants, senior citizens and Project Affected Families during the meeting held on 12.12.2014.

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Picture-18: All is well that ends well. A stress relaxing photo session period after the completion of the Public Hearing of Etalin Hydro. District. Project. (3097 MW.), at Etalin., Dibang Valley, District. Arunachal Pratesh.