

ANNEXURE 123

K.A - RRK Parana Ramda
AVP

BY FAX / SPEED POST

FAX NO. 011-26169881



भारत सरकार/ Government of India
विद्युत मंत्रालय/Ministry of Power
केंद्रीय विद्युत प्राधिकरण/Central Electricity Authority
(पी.ए.सी. निदेशालय/ PAC Directorate)
सेवा भवन/Sewa Bhavan, आर.के.पुरम/R.K. Puram
नई दिल्ली/New Delhi - 110066 [आई.एस.ओ. : 9001-2008]
वेबसाइट/Website : www.cea.nic.in



No.2/ARP/37/CEA/2011-PAC/21-22

Dated 31st January, 2014

M/s. Sew New Melling Power Corporation Limited,
6-3-871, Snehalata 1st Floor,
Greenland Road, Begum Pet,
Hyderabad - 500 016.

(Fax No.040-23417553/23405016) / 66300001

Subject: Submission of Power Potential Chapter of HEP (96 MW) in Arunachal Pradesh.

Reference: Your letter No. SEL/NMHEP/T/2013/56 dated 8.1.2013.

Sir,

Please refer to your letter cited above submitting therewith Power Potential Chapter of New Melling HEP in Arunachal Pradesh. The same has been examined in CEA and our comments/ approval on Power Potential Studies are enclosed for further necessary action.

Yours faithfully,

(A.K. Sinha)
(A.K. Sinha)
Consultant (PAC)



भारत सरकार
सर्वोच्च न्यायालय के अधीन
7th floor, Sewa Bhavan, R K Puram
New Delhi



[आई.एस.ओ : 9001-2000]

विषय: Power potential studies of New Melling HEP (90 MW) by M/s Sew New Melling Power Corporation Ltd. (M/s SNMPCL) in Arunachal Pradesh.

Reference is made to PAC Directorate letter no. 2/ARP/37/CEA/2011-PAC/181 dated 13.01.2014 forwarding therewith power potential chapter of New Melling HEP (90 MW) as submitted by M/s Sew New Melling Power Corporation Ltd.

The discussions were held in CEA regarding aquatic releases and considering aquatic releases as 30% of average of monsoon flows during monsoon period, 20% of average lean flows during lean season and 25% of average flows during remaining period, the power potential chapter was revised by developer and forwarded vide PAC letter dated 20.01.14. As per PPS chapter, FRL, MDDL and TWL of the project have been considered as 2730 m, 2720 m & 2508 m respectively.

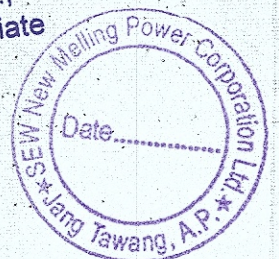
The revised power potential chapter has been examined and installed capacity of 90 MW for New Melling HEP, as proposed by the developer is found to be in order and the same may tentatively be adopted. However, the installed capacity may need to be reviewed at detailed appraisal of DPR on account of following:

1. Reservoir operational restrictions on account of silt management.
2. Change in various operating levels (FRL, MDDL, TWL), etc, if any,
3. Change in WCS Losses
4. As approved by CWC, 16 year hydrology series (1992-93 to 2007-08) has been adopted for preliminary planning of the project. However, the project authorities should start observations of G&D data and sediment data. The hydrological studies need to be firmed up when sufficient good quality project specific observed data are available.
5. Any other aspect which gets derived during detailed appraisal of the DPR.

As per power potential chapter, 3 nos. of generating units were proposed. It may be pointed out that the no. and size of units may be optimally selected keeping in view the operational flexibility and transportation limitations.

Further, developer on 04.01.2014 has requested State Govt. to revise the Minimum TWL of the project as 2506.24 m. Developer may be requested to furnish the approval of revised level from State Govt. as and when received.

[Signature]
Jayaprakash N.,
Business Associate



89-41-0-अ
30-1-14