

Annex-1



भारत सरकार
Government of India

विद्युत मंत्रालय

Ministry of Power

केंद्रीय विद्युत प्राधिकरण

Central Electricity Authority

विद्युत प्रणाली योजना एवं मूल्यांकन प्रभाग-II

[ISO: 9001:2008]

Power System Planning & Appraisal Division-II

सेवा भवन, रा. कृ.पुरम, नयी दिल्ली -110066

Sewa Bhawan, R. K. Puram, New Delhi-110066

No. 83/1/2016/PSPA-2/ 517-520

Dated 07.12.2016

To

1. COO(CTU-Planning),
Power Grid Corporation of India Ltd.,
"Saudamini" Plot no-2, Sector-29,
Gurgaon- 122001, Haryana
2. Shri A. Perme
Chief Engineer (Power),
Vidyut Bhawan, Department of Power,
Zero Point Tinali,
(Arunachal Pradesh) – 791111.
3. The Director (Projects),
Power Grid Corp. of India Ltd.,
"Saudamini", Plot No. 2, Sector-29,
Gurgaon-122001

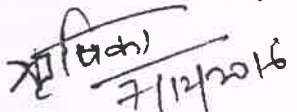
**Subject: Minutes of Meeting related to Arunachal Pradesh System Proposal-
Regarding**

Sir/Madam,

Please find enclosed herewith the minutes of the meeting related to Arunachal Pradesh System Proposal held on 25.11.2016 at 3:00 P.M. in the office of Chief Engineer (PSPA-II), 3rd floor, CEA, Sewa Bhawan, R K Puram, New Delhi-110066.

Encl: As above

Yours faithfully,



(रिषिका शरण / Rishika Sharan)

निदेशक (वि प्र यो मू - 2)/ Director (PSPA-II)

Copy to:

1. Joint Secretary (Trans.), MOP, Shram Shakti Bhawan, Rafi Marg, New Delhi-110001

o/c

Minutes of Meeting related to Arunachal Pradesh System Proposal held on 25.11.2016

- 1.0 Chief Engineer (PSPA-II), CEA welcomed the participants and informed that in this meeting, the technical aspect of the proposal of the DoP, Ar Pradesh to include crucial missing links in "Comprehensive Scheme for Strengthening of Transmission and Distribution System in Arunachal Pradesh and Sikkim" would be discussed.
- 2.0 The list of participants is enclosed at **Annexure-1**.

Line No 1: 132 kV single circuit line on double circuit towers from Khupi to Tawang (160 km) with 10 MVA substations at Bomdila and Tawang:

- 3.0 Chief Engineer (PSPA-2) informed that Ministry of DoNER has given administrative and financial approval of Government of India in April, 2010 for Central Financial Assistance from the Social and Infrastructure Development Fund (SIDF) NER to the Government of Arunachal Pradesh for Rs. 119.48 crore for construction of 132 kV S/C transmission line from Khupi to Tawang including 132/33 kV substations at Bomdila and Tawang. 1st installment of Rs 27.98 Cr was released by MoDoNER to Govt of Arunachal Pradesh for construction of the above sanctioned Project.
- 4.0 Chief Engineer, DoP, Arunachal Pradesh informed that 132 kV Khupi - Tawang S/C line could not be implemented till date due to various unavoidable reasons. Further, he informed that this line is of strategical importance on Tawang border district along India-China border. He requested to include the line in the scope of work of "Comprehensive Scheme for Strengthening of Transmission and Distribution System in Arunachal Pradesh and Sikkim". He further informed that the length from Khupi to Bomdila and Bomdila to Tawang are around 40 Km and 120 Km respectively.
- 5.0 Regarding funding of the said lines in Comprehensive scheme, GM (CTU-Planning) stated that this will result into increase in cost of the scheme and therefore would require fresh approval from Cabinet. He suggested that some of the lines in the comprehensive scheme may be dropped to include Khupi- Tawang Line. CE(PSPA-II) requested that alternatively this line may be funded through some future schemes. However, as part of the discussion it was agreed that this line is important and its implementation should be initiated by DoP, Ar. Pradesh.

Line 2: 132 kV single circuit line on single circuit towers from Bomdila to Kalaktang (42 km) is crucial missing link:

- 6.0 Chief Engineer, DoP, Ar. Pradesh informed that in next 10 years, around 250 MW (including Dikshi HEP 24 MW which in advance stage) of Micro hydro projects are envisaged to be commissioned in eastern part of the Arunachal Pradesh and for evacuation of power, the 132 kV Bomdila - Kalaktang S/c line needs to be constructed. He requested that the funds for construction of above line may be included in the ongoing comprehensive scheme of Govt.

- 7.0 After this, it was agreed that this line is useful and may be taken up for implementation by DoP, Ar Pradesh. Regarding funding of this scheme, it was informed that the matter may be discussed with MoP.

Line 3:132 kV single circuit line on double circuit towers from Rupai in Assam to Namsai in Arunachala Pradesh:

- 8.0 Chief Engineer, DoP, Arunachal Pradesh stated that for reliability and redundancy of system in Arunachal Pradesh, this line is important for Arunachal Pradesh state.
- 9.0 Chief Engineer, CEA stated that AEGCL had informed that there is no bay at 132 kV level at Rupai S/s.
- 10.0 GM (CTU-Planning) informed that the 132/33, 2x15 MVA Namsai S/s (PGCIL) will be commissioned by 2017 and 132 kV Along -Pasighat line (State) would be completed by Dec.2016.
- 11.0 He further added that 132 kV Rupai(Assam)-Chapakhowa(Assam) S/c on D/c line (incl 4 kms river crossing) is in the scope of work for NERPSIP – Tranch- I. The distance from Chapakhowa(Assam) to Roing (PGCIL) is around 35 km. He suggested that 132 kV Chapakhowa - Roing line may be taken up instead of 132 kV Rupai to Namsai line which passes through high hills. Chief Engineer, DoP, Arunachal Pradesh agreed for the same.
- 12.0 Chief Engineer (PSPA-2) stated that 132 kV Chapakhowa to Roing line will be an ISTS line. This line shall be taken up in next Standing Committee of NER. The same was agreed.

Line 4: 132 kV single circuit line on double circuit towers from Likhali to Basar (70 km) with 10 MVA substation at Garu:

- 13.0 Chief Engineer, DoP, Arunachal Pradesh informed that 132 kV Likhali – Basar line S/c on D/c line was planned to increase the reliability of supply of power in Arunachal Pradesh. He requested to include the line in the scope of work of Comprehensive Scheme of Arunachal Pradesh and Sikkim.
- 14.0 Chief Engineer (PSPA- 2) stated that after commissioning of 132 kV Chapakhowa - Roing line (ISTS), the reliability of the power supply in Ar Pr will increase. Hence it was agreed that 132 kV Likhali – Basar line can be dropped at this point of time. Chief Engineer, DoP, Arunachal Pradesh agreed for the same.

Other issues

- 15.0 GM(CTU-Planning), POWERGRID stated that some of the low priority high reach lines connecting Annini, Tuting, Mechuka may be deferred for the time being from Comprehensive Scheme. Chief Engineer, DoP, Arunachal Pradesh expressed his inability to delete these lines from Comprehensive Scheme as many hydro projects are to be commissioned in nearby areas and some of them are in advance stage of commissioning.

The meeting ended with the thanks to Chair.

List of Participants

Annexure-1

Sr. No.	Name	Designation	Organization
1.	Pardeep Jindal	Chief Engineer (PSPA-2)	CEA
2.	Ravinder Gupta	Chief Engineer	CEA
3.	Rishika Sharan	Director (PSPA-2)	CEA
4.	Satyendra Kr.Dotan	Dy. Director (PSPA-2)	CEA
5.	A. Perme	Chief Engineer (P)	Department of Power, Arunachal Pradesh
6.	Ashok Pal	GM (CTU-Planning)	POWERGRID
7.	Supratim Das	AGM	POWERGRID
8.	Anupam Kumar	Engg	POWERGRID