

Government of India
भारत सरकार
Northern Regional Power Committee
उत्तर क्षेत्रीय विद्युत समिति

18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi-110016

18-ए शहीद जीत सिंह मार्ग, कटवारिया सराय, नई दिल्ली- 110016

No: NRPC/SE(C)/Implementation Committee/2010/

दिनांक 22.10.2010

To,

1. CMD, Delhi Transco Ltd., New Delhi.
2. Managing Director, Haryana Vidyut Prasaran Nigam Ltd., Panchkula
3. CMD, HPSEB Ltd, Shimla
4. CMD, Punjab State Transmission Corporation Ltd., Patiala
5. Principal Secretary (Power), Civil Secretariat, Jammu/Srinagar
6. Chairman & Managing Director
Rajasthan Rajya Vidyut Prasaran Nigam Ltd. Jaipur.
7. Managing Director, U.P. Power Transmission Corporation Ltd., Lucknow
8. Managing Director, Power Transmission Corporation of Uttarakhand Limited
(PTCUL), Dehradun
9. Chief Engineer, Electricity Department, UT of Chandigarh

Subject:- Record of the discussions held in the meeting held on 13.10.2010 at NRPC, New Delhi regarding identification of assets of non-ISTS licensees being used for inter-State Transmission

Sir,

A meeting was held at NRPC, New Delhi on 13.10.2010 to identify the assets of non-ISTS licensees being used for inter-State Transmission. The record of discussions held in the aforesaid meeting is enclosed. As discussed in the meeting, a list of 132 kV lines connecting two contiguous States, which form part of meshed network and are normally kept under closed condition should be submitted to NRPC Secretariat at the earliest. It is also requested that the list of identified transmission lines at 220 kV and

above enclosed as Annex-II to the record of discussions may be examined and discrepancy, if any, along with additional information about these transmission lines such as length, part/full ownership etc may also be conveyed to NRPC Secretariat.

Yours faithfully,

(Ajay Talegaonkar)

SE(O),NRPC

Copy to:

1. Development Commissioner (Power), Jammu & Kashmir, Bemina, Srinagar (J&K).
2. Director (Technical), HPSEB Ltd., Vidyut Bhawan, Kumar House Complex, Block – II, SHIMLA – 171 004.
3. Director (Operations), Delhi Transco Limited, Shakti Sadan, Kotla Road, NEW DELHI-110 002
4. Director (Technical), *Haryana Vidyut Prasaran Nigam Ltd., Shakti Bhawan, Sector-6, PANCHKULA - 134 109.*
5. Director (Tech.) , PSTCL, The Mall, PATIALA-147 001.
6. Director (Technical), Rajasthan Rajya Vidyut Prasaran Nigam Ltd, Vidyut Bhawan, Jyoti Nagar, Janpath, JAIPUR-302 005
7. Executive Director, Power Transmission Corporation of Uttarakhand Ltd. (PTCUL), 7-B, Lane No-1, Vasant Vihar Enclave, DEHRADUN - 248 001.
8. Chief Engineer (Transmission), U.P. Power Transmission Corporation Limited, Shakti Bhawan, 14 Ashok Marg, LUCKNOW-226 001.
9. Executive Director, National Load Dispatch Centre, B-9, Qutub Institutional Are, New Delhi - 110 016
10. General Manager, N.R.L.D.C, 18-A, Shaheed Jit Singh Marg, Katwaria Sarai, NEW DELHI – 110 016

Copy for information to:

1. Member Secretary, WRPC, Mumbai
2. Member Secretary, SRPC, Bangaluru
3. Member Secretary, ERPC, Kolkata
4. Member Secretary, NERPC, Shillong

Record of the discussions held in the meeting held on 13.10.2010 at NRPC, New Delhi regarding identification of assets of non-ISTS licensees being used for inter-State Transmission

List of Participants is enclosed as Annex-I.

1. Member Secretary, NRPC welcomed the participants to the meeting. Explaining the purpose of the meeting, he stated that in accordance with Central Electricity Regulatory Commission (Sharing of Inter State Transmission Charges and Losses) Regulations, 2010, RPCs are required to certify assets of non-ISTS Licensees which are being used for inter-state transmission. This meeting has been called so as to evolve criteria for identification of such assets and also to identify such assets by applying the agreed criteria. He informed that in the meeting of the Implementation Committee held on 12.10.2010, the issue was discussed in the context of uniformity in approach in various regions, but it was decided that since Southern Region constituents have agreed for a particular approach, the issue may be left to respective RPCs as prescribed in the CERC regulations.

2. Member Secretary, NRPC informed that CERC regulations already preserve the existing arrangement for evacuation of power from Central generating Stations using STU lines such as evacuation system for Narora Atomic Power Station in U.P. SE(O), NRPC read relevant part of the CERC Regulations namely last sentence of regulation 7 (1)(t) (vii) as reproduced below:

“Long term beneficiaries of ISGS connected to STU network shall continue to pay the transmission charges for the STU network as per the existing mechanisms.”

3. Detailed deliberation took place regarding criteria to be adopted for identification of assets of non-ISTS Licensees which are being used for inter-state transmission. It was agreed that since it is first time the mechanism is being implemented and also since there is hardly any time left for furnishing list of such lines to the Implementing Agency (IA), a criteria, which is simple to implement can be adopted. Since this exercise is to be repeated every year, elaborate and scientific criteria, perhaps based on system studies can be adopted later. It was agreed that generally, transmission lines operating at 220 kV and above and connecting two contiguous States need to be included since such lines can contribute substantially towards regional grid operation. As regards 132 kV lines, there was general agreement that lines connecting two contiguous States, which are being used in radial mode should not be included in ISTS lines for the purpose of implementation of CERC regulation since such lines hardly make any impact at regional level.

4. After detailed deliberation, there was consensus for adopting following criteria for identification of assets of non-ISTS Licensees which are being used for inter-state transmission:

- (i) All lines owned by non-ISTS licensees with voltage level of 220 kV and above and connecting two contiguous States would be certified as assets being used for inter-State transmission.

However, following transmission lines shall be excluded from the above category:

- (a) Transmission lines which are dedicated in nature
 - (b) Transmission lines emanating from sub-station of an ISTS licensee, if transmission line of no other non-ISTS licensee emanates from this sub-station.
- (ii) A transmission line connecting two contiguous States and operating at 132 kV level would be certified as ISTS only if it forms part of meshed network and is normally kept under closed condition.
 - (iii) Lines below 132 kV level, even if they connecting two contiguous States would not be treated as ISTS for this purpose.
 - (iv) In addition, list of transmission lines which form part of STU network and are used for evacuation of power generated at ISGS, shall also be intimated to IA, even though transmission charges for such lines will be continued to be paid as per existing mechanism.

5. Based on the above criteria, most of the transmission lines fulfilling the above criteria were identified in the meeting. However, in respect of few 132 kV lines, there was lack of information as to whether these lines are normally closed and also whether or not they form part of meshed network. It was decided that list of such lines duly certified by respective SLDC will be sent to NRPC Secretariat by 18.10.2010. A list of lines, which can be clearly identified based on the above criteria, is enclosed as Annex-II. Also, enclosed as Annex-III is list of STU owned transmission lines, which are being used for evacuation of power from ISGS and sharing of charges for these transmission lines shall continue to be governed as per existing practice. Member Secretary, NRPC clarified that since in accordance with CERC regulations, these lines are to be certified by NRPC, the list of lines being forwarded to IA will be put up to NRPC for ratification in the upcoming meeting.

6. Member Secretary, NRPC stated that non-ISTS licensees are also required to furnish information regarding Yearly Transmission Charges (YTC). It was pointed out that generally SERCs work out ARR for the entire transmission network in the State and furnishing of YTC for individual line may be an issue. Member Secretary, NRPC stated that even though ARR is worked out for entire transmission system, historical cost may be available in submissions made to SERC. States were advised to get the details regarding date of commercial operation and historical cost of such lines so that YTC for such lines can be worked out. Participants from the States were of the opinion that a common methodology for working out YTC for such lines may be evolved by NRPC Secretariat. SE(O), NRPC pointed out that the CERC regulation requires YTC to have regulatory approval. After deliberation, it was decided that Member Secretary, NRPC may take up the issue regarding submission of YTC in the next meeting of Implementation Committee, so that a common approach to obviate the above mentioned difficulties may be found out.

The meeting ended with vote of thanks to the Chair.

Annex-I**List of Participants**

Shri A.K. Aggarwal, Member Secretary, NRPC in Chair

Sl. No.	Name	Organisation	Designation	Mobile	E-Mail
1.	Suman Guchh	UPPTCL	EE	9415005397	sumang@721.ac.in
2.	Davindra Singh	UPPTCL	EE	9415220565	singh.davindra@gmail.com
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10.	Sanjeev kumar	DTL	AM (SO)	9540040917	sanjeevkumar2474@gmail.com
11.	D.K.Jain	NRLDC	DGM	9910344127	dkj2009@yahoo.co.in
12.	U.K. Tyagi	POWERGRID	GM	9910344118	umesh@powergridindia.com
13.	V.K. Aggarwal	NRLDC	GM	9818933799	vka1996@gmail.com
14.	Rajiv Porwal	NRLDC	Ch. Manager	9871581133	Rajivporwal@gmail.com
15.	Ajay Talegaonkar	NRPC	SE(O)	9910728144	ajay.talegaonkar@gmail.com
16.	P.S. Mhaske	NRPC	SE(C)	9968667741	psmhaske@yahoo.com

Annex-II**List of transmission lines (220 kV and above) of non-ISTS licensees being used for inter-State transmission : Identified based on criteria agreed in the meeting**

S.No.	Name of the line		Voltage Level (kV)
1	Bamnauli-Ballabgarh ckt-I	DTL	400
2	Bamnauli-Ballabgarh ckt-II	DTL	400
3.	Sahupuri-Pasauli	UPPTCL/BSEB	220
4.	Sahibabad-Patparganj	UPPTCL	220
5.	Noida sec 62- Gazipur	UPPTCL	220
6.	Noida sec 20- BTPS	UPPTCL	220
7.	Noida sec 20- Gazipur	UPPTCL	220
8.	Muzaffarnagar (Nara)- Roorkee	UPPTCL/PTCUL	220
9.	Bareilly-Pantnagar	UPPTCL/PTCUL	220
10.	Saharanpur-Khodri ckt-I	UPPTCL/PTCUL	220
11.	Saharanpur-Khodri ckt-II	UPPTCL/PTCUL	220
12.	Kashipur-Moradabd	UPPTCL/PTCUL	400
13.	Muzaffarnagar-Roorkee	UPPTCL/PTCUL	400
14.	Bareilly-Pantnagar	UPPTCL/PTCUL	220
15.	Kunihar-Panchkula	HPSEB Ltd/HVPNL	220
16.	Baddi-Panchkula	HPSEB Ltd/HVPNL	220
17.	Alwar- Badarpur	RRVPNL	220
18.	Bharatpur –Agra(sikandra)	RRVPNL	220
19.	Khetri -Hissar	RRVPNL	220
20.	Khetri -Dadri- Ckt-I	RRVPNL	220
21.	Khetri- Dadri- Ckt-II	RRVPNL	220
22	Kota -Badod	RRVPNL/MPPTCL	220
23	Morak-Badod	RRVPNL/MPPTCL	220
24	Udhampur-Sarna	PDD J&K	220
25	RSD-Jessore	Punjab/HPSEB Ltd	220
26	220 kV Bhiwadi-Rewari	HVPNL	220
27	220 kV Bhiwadi-Badshahpur	HVPNL	220

Annex-III**List of STU owned lines being used for evacuation of power from ISGS and being paid for as per existing practice**

S.No.	Name of the line	Name of non-ISTS licensee		Voltage Level (kV)
1.	NAPP-Sambhal	UPPTCL		220
2.	NAPP-Atrauli	-do-		220
3.	NAPP-Simbholi	-do-		220
4.	NAPP-Khurja-I	-do-		220
5.	NAPP-Khurja-II	-do-		220
6.	Unchahar-Raibareilly -I	-do-		220
7.	Unchahar-Raibareilly -II	-do-		220
8.	Unchahar-Fatehpur-I	-do-		220
9.	Unchahar-Fatehpur-II	-do-		220
10.	Pampore-Kishanpur -I	PDD, J&K		220
11.	Pampore-Kishanpur -II	PDD, J&K		220
12.	Anta-Kota	RRVPNL		220
13	RAPP(B)-Kota	-do-		220
14	RAPP (B)-RAPP (A)	-do-		220