

**CENTRAL ELECTRICITY REGULATORY COMMISSION  
NEW DELHI**

**Petition No.: 15/Suo-Motu/2012**

**Coram: Dr. Pramod Deo, Chairperson  
Shri S. Jayaraman, Member  
Shri V. S. Verma, Member  
Shri M .Deena Dayalan, Member**

**Date of Order: 14.3.2012**

**In the matter of:**

Determination of tariff of the inter-State transmission lines connecting two States.

**And**

**In the matter of:**

1. Chairman & Managing Director, Delhi Transco Ltd., Shakti Sadan Building, New Delhi.
2. Chairman & Managing Director, Rajasthan Rajya Vidyut Prasaran Nigam Ltd., Jaipur.
3. Chairman & Managing Director, Punjab State Transmission Corporation Ltd, Patiala.
4. Managing Director, Power Transmission Corporation of Uttarakhand, Dehradun.
5. Chairman & Managing Director, Himachal Pradesh state Electricity Board, Shimla.
6. Managing Director, Haryana Vidyut Prasaran Nigam Ltd. Haryana.
7. Chairman & Managing Director, Uttar Pradesh Power Transmission Corporation Ltd, Lucknow
8. Development Commissioner, Power Development Department (J&K), Srinagar
9. Chief Engineer, UT of Chandigarh (Electricity Department 1st Floor), Sector 9-D, Chandigarh.
10. Chairman, Bhakhra Beas Management Board, Sector-19B, Madhya Marg, Chandigarh.
11. Chairman & Managing Director, West Bengal State Electricity Transmission Co. Ltd., Vidyut Bhavan, Kolkata.
12. Chairman, Bihar State Electricity Board, Vidyut Bhavan, Patna.
13. Chairman, Jharkhand State Electricity Board, Engineering Bhawan, Ranchi.
14. Chairman, Damodar Valley Corporation, DVC Tower, Kolkata.
15. Chairman & Managing Director (O&M), Orissa Power Transmission Corporation Ltd., Bhubaneswar.
16. Secretary, Energy & Power Department, Government of Sikkim, Gangtok.

17. Chairman, ASEB, Bijili Bhawan, Paltan Bazar, Guwahati.
18. Chairman, MeECL, Short Round Road, Meter Factory, Shillong.
19. Chief Engineer (Power), Electricity Department, Government of Nagaland, Kohima.
20. Chief Engineer (Elect), Electricity Department, Government of Manipur, Imphal.
21. Chief Engineer, Power & Electricity Department, Government of Mizoram, Khatla Aizawl.
22. Chairman & Managing Director, TSECL, Bidyut Bhawan, Government of Tripura, Agartala.
23. Chief Engineer (Power), Department of Power, Government of Arunachal Pradesh, Vidyut Bhawan, Itanagar.
24. Chairman & Managing Director, MSETCL, 'Prakashganga', C-19, E-Block, Bandra Kurla Complex, Bandra (E), Mumbai.
25. Managing Director, Gujarat Energy Transmission Corporation Ltd (GETCO), Sardar Patel Vidyut Bhavan, Race Course, Vadodara, Gujarat.
26. Chairman, Chhattisgarh State Power Transmission Co. Ltd, Banganiya, Raipur.
27. Chairman & Managing Director, Madhya Pradesh Power Transmission Company Ltd, MPPTCL, Nayagaon, Jabalpur.
28. Chief Electrical Engineer, Electricity Department, Government of Goa, Vidyut Bhavan, Goa.
29. Chairman & Managing Director, APTRANSCO, Vidyut Soudha, Hyderabad.
30. Managing Director, KPTCL, Cauvery Bhavan, Bangalore
31. Chairman, KSEB, Vidyuthi Bhavanam, Pattom, Thiruvananthapuram.
32. Managing Director, TANTRANSCO, Anna Salai, Chennai.
33. Superintending Engineer-I (Elec), Electricity Department, Government of Puducherry, Puducherry.
34. Secretary (P), UT of Dadra Nagar Haveli Silvassa.
35. Secretary (P), UT of Daman & Diu, Moti Daman, D&D.

.....Respondents

### **ORDER**

The Commission has been entrusted with the following functions in respect of inter-State transmission system under Section 79(1) (c) and (d) of the Electricity Act, 2003 (hereinafter referred to as "the Act").

*"79. Functions of Central Commission.-(1) The Central Commission shall discharge the following functions, namely:-*

*XXX*

*(c) to regulate the inter-State transmission of electricity;*

*(d) to determine tariff for inter-State transmission of electricity;*

*XXX"*

2. In pursuance of the above provisions, the Commission has been determining tariff of the inter-State transmission lines developed, owned and operated by the Central Transmission Utility and the transmission licensees i.e., who have been granted licence by the Commission.

3. "Inter-State transmission system" has been defined under Section 2(36) of the Act as under:-

*"2(36) inter-State transmission system includes-*

- (i) any system for the conveyance of electricity by means of main transmission line from the territory of one State to another state;*
- (ii) the conveyance of electricity across the territory of any intervening State as well as conveyance within the State which is incidental to such inter-State transmission of electricity;*
- (iii) the transmission of electricity within the territory of a State on a system built, owned, operated, maintained or controlled by a Central Transmission Utility;"*

4. Under the above provision, the conveyance of electricity from territory of one state to another State is also considered to be a part of inter-State transmission system. In terms of Section 79(1)(d) of the Act, the tariff of these lines are also required to be determined by the Central Commission.

5. It has come to the notice of the Central Commission that the some of the owners/developers of the inter-State transmission lines of 132 kV and above in North Eastern Region and 220 kV and above in Northern, Eastern, Western and Southern regions as mentioned in the Annexure to this order have approached the Implementing Agency for including their transmission assets in computation of Point of Connection transmission charges and losses under the Central Electricity Regulatory Commission

(Sharing of inter-State Transmission Charges and Losses) Regulations, 2010 (hereinafter "Sharing Regulations").

6. As a first step towards inclusion of non-ISTS lines in the PoC transmission charges, the Commission proposes to include the transmission lines connecting two States, for computation of PoC transmission charges and losses. However, for the disbursement of transmission charges, tariff for such assets needs to be approved by the Commission in accordance with the provisions of Sharing Regulations. Accordingly, we direct the owners of these inter-State lines to file appropriate application before the Commission for determination of tariff for facilitating disbursement.

7. We direct the respondents to ensure that the tariff petitions for determination of tariff is filed by the developers/owners of the transmission line or by State Transmission Utilities where the transmission lines are owned by them in accordance with the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2009, by 20.4.2012.

Sd/-	Sd/-	Sd/-	Sd/-
(M. Deena Dayalan) Member	(V.S. Verma) Member	(S. Jayaraman) Member	(Dr. Pramod Deo) Chairperson

## List of inter-state lines (132 kV and above in NER, 220 kV and above in other regions)

SN	From	To	Voltage (KV)	Connecting states	Connecting regions (if inter-regional)
			<b>INTER REGIONAL</b>		
1	Upper Seleru	Balimela	220	Andhra Pradesh-Orissa	SR-ER
2	Ambewadi	Ponda 1	220	Karnataka-Goa	SR-WR
3	Ambewadi	Ponda 2	220	Karnataka-Goa	SR-WR
4	Chikkodi	Kolhapur 1	220	Karnataka-Maharashtra	SR-WR
5	Chikkodi	Kolhapur 2	220	Karnataka-Maharashtra	SR-WR
6	Budhipadar	Raigarh	220	Orissa-Chhattisgarh	ER-WR
7	Budhipadar	Korba 2	220	Orissa-Chhattisgarh	ER-WR
8	Budhipadar	Korba 3	220	Orissa-Chhattisgarh	ER-WR
9	Pusuali	Sahupuri	220	Power Grid (ER)-Uttar Pradesh	ER-NR
10	Malanpur	Auraiya	220	Madhya Pradesh-Uttar Pradesh	WR-NR
11	Mehgaon	Auraiya	220	Madhya Pradesh-Uttar Pradesh	WR-NR
12	Badod	Kota	220	Madhya Pradesh-Rajasthan	WR-NR
13	Badod	Modak	220	Madhya Pradesh – Rajasthan	WR-NR
			<b>NER</b>		
1	Umtru	Sarusajai I	132	Assam-Meghalaya	
2	Umtru	Sarusajai II	132	Assam-Meghalaya	
3	Kahelipara	Umtru I	132	Assam-Meghalaya	
4	Kahelipara	Umtru II	132	Assam-Meghalaya	
5	Jiribam	Pailapul	132	Assam – Manipur	
6	Kohima	Karong	132	Nagaland-Manipur	
7	Dimapur	Bokajan	132	Nagaland-Assam	
8	Dullavcherra	Dharmanagar	132	Assam-Tripura	
9	Panchgram	Lumshnong	132	Assam-Meghalaya	
10	Mokokchang	Mariani	132	Nagaland-Assam	
11	Kathalguri	Deomali	220	Assam-Andhra Pradesh	
			<b>SR</b>		
1	Chittoor	Thiruvalam	220	Andhra Pradesh-Tamil Nadu	
2	Gooty	Bellary	220	Andhra Pradesh-Karnataka	
3	Sulurpet	Gummidipundi	220	Andhra Pradesh-TAMIL Nadu	
4	Sedam	Tandur	220	Andhra Pradesh-	

				Karnataka	
5	Yerraandahalli	Hosur	220	Karnataka –Tamil Nadu	
6	Kadakola	Kaniyampetta	220	Karnataka– Kerala	
7	Theni	Mooziyar	230	Tamil Nadu- Kerala	
8	Edamon	Tirunelveli	400	Tamil Nadu-Kerala	
9	Iddukki	Udumalpet	230	Kerala –Tamil Nadu	

			<b>ER</b>		
1	Kolaghat	Baripada	400	WBSETCL- POWERGRID	
2	Waria	Bidhannagar 1	220	DVC-WBSETCL	
3	Waria	Bidhannagar 2	220	DVC-WBSETCL	
4	Chandil	Santaldih	220	JSEB-WBSETCL	
5	Patratu	Bodhgaya 1	220	JSEB-BSEB	
6	Patratu	Bodhgaya 2	220	JSEB-BSEB	
7	Patratu	Bodhgaya 3	220	JSEB-BSEB	
8	Tenughat	Biharshariff	220	JSEB-BSEB	
9	Joda	Ramchandrapur	220	OPTCL-JSEB	
10	Jindal	Jamshedpur	220	OPTCL-DVC	
			<b>WR</b>		
1	Kalmeshwar	Pandurna	220	Maharashtra-Madhya Pradesh	
2	Kotmikala	Amarkantak 1	220	Chhattisgarh- Madhya Pradesh	
3	Kotmikala	Amarkantak 2	220	Chhattisgarh- Madhya Pradesh	
4	Mushtungi	Amona	220	Maharashtra-Goa	
5	Nasik	Navsari 1	220	Maharashtra-Gujarat	
6	Nasik	Navsari 2	220	Maharashtra-Gujarat	
7	Tillari	Amona	220	Maharashtra-Goa	
8	SSP	Dhule 1	400	Gujarat-Maharashtra	
9	SSP	Dhule-2	400	Gujarat-Maharashtra	
10	SSP	Rajgarh 1	400	Gujarat- Madhya Pradesh	
11	SSP	Rajgarh 2	400	Gujarat- Madhya Pradesh	
12	TAPS	Vapi	220	Maharashtra-Gujarat	
13	TAPS	Bhilad	220	Maharashtra-Gujarat	
			<b>NR</b>		
1	Roorkee	Muzafarnagar	400	Uttarakhand-Uttar Pradesh	
2	Khodri	Saharanpur 1	220	Uttarakhand- Uttar Pradesh	
3	Khodri	Saharanpur 2	220	Uttarakhand- Uttar Pradesh	
4	Kashipur	Muradabad	400	Uttarakhand- Uttar Pradesh	

5	Pantnagar	Baikantpur(Bareilly)	220	Uttarakhand- Uttar Pradesh	
6	Patparganj	Sahibabad	220	Delhi- Uttar Pradesh	
7	Gazipur	Sec-62 Noida	220	Delhi- Uttar Pradesh	
8	Bharatpur	Agra	220	Rajasthan- Uttar Pradesh	
9	Majri	Khodri	220	Himachal Pradesh- Uttarakhand	
10	Udhampur	Sarna	220	Jammu & Kashmir- Punjab	
11	Jessore	Ranjitsagar	220	Himachal Pradesh – Punjab	
12	Baddi	Panchkula	220	Himachal Pradesh – Haryana	
13	Kunihar	Panchkula	220	Himachal Pradesh – Haryana	
14	BTPS	Mehrauli Institutional Area	220	Delhi-Rajasthan	
15	Dadri	Khetri 1	220	Haryana-Rajasthan	
16	Dadri	Khetri 2	220	Haryana-Rajasthan	
17	Panipat	Narela 1	220	Haryana-Delhi	
18	Panipat	Narela 2	220	Haryana-Delhi	
19	Panipat	Narela 3	220	Haryana-Delhi	
20	Noida Gajipur	BTPS	220	Uttar Pradesh-Delhi	
21	Bhiwadi	Rewari	220	Rajasthan-Haryana	
22	BTPS	Ballabgarh 1	220	Delhi-Haryana	
23	BTPS	Ballabgarh 2	220	Delhi-Haryana	
24	Mandaula	Bawana 1	400	Uttar Pradesh-Delhi	
25	Mandaula	Bawana 2	400	Uttar Pradesh-Delhi	
26	Bamnauli	Ballabgarh 1	400	Delhi-Haryana	
27	Bamnauli	Ballabgarh 2	400	Delhi-Haryana	
28	Bhiwadi	Badshahpur	220	Rajasthan-Haryana	