

**CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI**

**Coram: Shri V.S. Verma, Member
Shri M. Deena Dayalan, Member**

No. L-1/44/2013-CERC

Date of Order: 30.09.2013

In the matter of:

Determination of Point of Connection (PoC) rates and transmission losses for the period October, 2013 to December, 2013 in accordance with Regulation 17(2) of Central Electricity Regulatory Commission (Sharing of Inter State Transmission Charges and Losses) Regulations, 2010 as amended from time to time.

And

In the matter of:

1. National Load Despatch Centre, New Delhi
2. Central Transmission Utility, New Delhi

..... Respondents

ORDER

The Central Electricity Regulatory Commission (Sharing of Inter-State Transmission Charges and Losses) Regulations, 2010 (hereinafter "Sharing Regulations") came into effect from 1.7.2011.

2. National Load Dispatch Centre as the Implementing Agency has been entrusted with the responsibility for computation of transmission charges and losses under the Sharing Regulations for each financial year. Further, Regulation 17 of the Sharing Regulations provides that the Implementing Agency shall be required to provide the following information consequent to the computation of transmission charges and losses undertaken by it:



- (a) Approved Basic Network Data and Assumptions, if any;
- (b) Zonal or nodal transmission charges for the next financial year differentiated by block of months;
- (c) Zonal or nodal transmission losses data;
- (d) Schedule of charges payable by each constituent for the future application period, after undertaking necessary true-up of costs as per these regulations and detailed procedures.

3. The Implementing Agency in its letter No. POSOCO/Trans. Pricing/CERC dated 29.9.2013 has submitted following information in compliance with Regulation 17 of the Sharing Regulations:

- (a) Basic Network and load flow data approved by Validation Committee
- (b) Yearly Transmission Charge (YTC) details of ISTS Licensees
- (c) PoC rates and loss percentage computation details
- (d) Assumptions used for computation of PoC rates and losses
- (e) Schedule of charges payable by each DIC for the third quarter of the year 2013-14 (period October, 2013 to December, 2013)
- (f) List of assets of other non-ISTS Licensees whose assets have been certified as being used for interstate transmission by the RPCs (Whose transmission charges have been considered for sharing along with the ISTS).

4. We have examined the basic network data and assumptions, the results of the Load Flow Studies, the yearly transmission charges of the ISTS licensees and the calculation of PoC charges for generation and demand zone submitted by the Implementing Agency. We have also examined the calculation of losses on PoC basis, average losses, final%



losses applicable on generation and demand zones. We find that the calculations submitted by the Implementing Agency have been done as per Sharing Regulations and amendments thereof.

5. The Commission had by its order dated 27.9.2013 approved slabs of PoC rates for NEW grid and SR grid and also approved the slabs in respect of transmission losses. The Implementing Agency after computation of PoC rates and transmission losses for each injection and withdrawal zone has assigned them to different tiers of slabs. We have gone through the details furnished by Implementing Agency and find the same to be in order. We approve the applicable PoC slab rates for Long Term Access and Medium Term Open Access (MTOA) in Rs./MW/Month and rates for Short Term Open Access (STOA) in paisa per unit for each Generation (injection) zone and Demand (withdrawal) zone as per the details at **Annexure-I** to this order.

6. Similarly, we have examined the details of PoC losses in percentage for each Generation (injection) zone and Demand (withdrawal) zone and its applicable slab as per slabs approved by the Commission and have found them to be in order. We, therefore, approve the same as per the details at **Annexure -II** to this order. These average slabs for each region shall be applied based on last week's actual Regional Losses.

7. In exercise of power under Regulation 17(2) of Sharing Regulations, we approve the Basic Network, Load Flow, assumptions used for computation of the final PoC rates and final transmission losses, their fitment into slabs and schedule of charges payable by each DIC for the third quarter of the year 2013-14 i.e. 1.10.2013 to 31.12.2013, as submitted by Implementing Agency. We also direct the Implementing Agency to publish



zonal PoC Rates and zonal Transmission Losses and associated details that will enable a clear understanding of the calculations used for arriving at these rates, along with underlying network information and base load flows used, in accordance with the Regulation 17(3) of Sharing Regulations.

8. In order to ensure smooth changeover for short term transactions from the existing rates to the new rates of sharing of transmission charges, we direct that in respect of the applications made for scheduling of bilateral and collective transactions received before 1.10.2013, short-term open access charges would be payable at the rates applicable for the application period from July, 2013-September, 2013(Q2) and for applications received on or after 1.10.2013, the short-term open access charges shall be payable as per the application period from 1.10.2013 to 31.12.2013 (Q3). In keeping with the application of weekly losses, we direct that the application of the new PoC loss slabs for the period 1.10.2013 to 31.12. 2013 would be made applicable from 7.10.2013.

9. The Implementing Agency is directed to endorse a copy of this order to all DICs and other concerned agencies. The Implementing Agency and Central Transmission Utility shall also give wide publicity to this order through their websites.

sd/-
(M. Deena Dayalan)
Member

sd/-
(V.S. Verma)
Member



Annexure I

Slabs for PoC Rates - Northern Region (October 2013 – December 2013)			
Sl.No.	Name of Entity	Slab Rate (Rs/MW/Month)	Slab Rate (Paisa/Unit)
1	Haryana W	109391	15.11
2	RAAP C	109391	15.11
3	Rajasthan W	109391	15.11
4	Rihand	109391	15.11
5	Uttar Pradesh Inj	109391	15.11
6	Uttar Pradesh W	109391	15.11
7	Jammu & Kashmir W	94391	13.11
8	Parbati III	94391	13.11
9	Punjab W	94391	13.11
10	Rajasthan Inj	94391	13.11
11	Singrauli	94391	13.11
12	Uttarakhand W	94391	13.11
13	Chamera 1	79391	11.11
14	Chamera II	79391	11.11
15	Chamera Pooling Point	79391	11.11
16	Chandigarh Inj	79391	11.11
17	Chandigarh W	79391	11.11
18	Dadri	79391	11.11
19	Delhi Inj	79391	11.11
20	Delhi W	79391	11.11
21	Dulhasti	79391	11.11
22	Haryana Inj	79391	11.11
23	Himachal Pradesh Inj	79391	11.11
24	Himachal Pradesh W	79391	11.11
25	Jammu & Kashmir Inj	79391	11.11
26	Karcham Wangtoo	79391	11.11
27	Koteshwar	79391	11.11
28	Nathpa Jhakri	79391	11.11
29	Punjab Inj	79391	11.11
30	Sree Cement	79391	11.11
31	Tehri	79391	11.11
32	Uri I	79391	11.11
33	Uttarakhand Inj	79391	11.11



Slabs for PoC Rates - Eastern Region (October 2013 – December 2013)			
Sl. No.	Name of Entity	Slab Rate (₹/MW/Month)	Slab Rate (Paisa/Unit)
1	Bihar W	109391	15.11
2	Kahalgaon	109391	15.11
3	Maithon Power Limited	109391	15.11
4	Orissa Inj	109391	15.11
5	Sikkim W	109391	15.11
6	DVC Inj	94391	13.11
7	Teesta	94391	13.11
8	Aadhunik Power	79391	11.11
9	Bihar Inj	79391	11.11
10	DVC W	79391	11.11
11	Farakka	79391	11.11
12	Injection from Bhutan	79391	11.11
13	Jharkhand Inj	79391	11.11
14	Jharkhand W	79391	11.11
15	Orissa W	79391	11.11
16	Sikkim Inj	79391	11.11
17	Sterlite	79391	11.11
18	Talcher	79391	11.11
19	West Bengal Inj	79391	11.11
20	West Bengal W	79391	11.11



Slabs for PoC Rates - North Eastern Region (October 2013 – December 2013)			
Sl. No.	Name of Entity	Slab Rate (₹/MW/Month)	Slab Rate (Paisa/Unit)
1	Assam Inj	109391	15.11
2	Assam W	109391	15.11
3	Mizoram Inj	109391	15.11
4	Mizoram W	109391	15.11
5	Palatana	109391	15.11
6	Tripura Inj	109391	15.11
7	Meghalaya W	94391	13.11
8	Nagaland W	94391	13.11
9	Arunachal Pradesh Inj	79391	11.11
10	Arunachal Pradesh W	79391	11.11
11	Manipur Inj	79391	11.11
12	Manipur W	79391	11.11
13	Meghalaya Inj	79391	11.11
14	Nagaland Inj	79391	11.11
15	Ranganadi	79391	11.11
16	Tripura W	79391	11.11



Slabs for PoC Rates - Western Region (October 2013 – December 2013)			
Sl. No.	Name of Entity	Slab Rate (₹/MW/Month)	Slab Rate (Paisa/Unit)
1	Chattisgarh Inj	109391	15.11
2	Goa-WR W	109391	15.11
3	Gujarat Inj	109391	15.11
4	Gujarat W	109391	15.11
5	KSK Mahanadi	109391	15.11
6	Madhya Pradesh W	109391	15.11
7	Maharastra Inj	109391	15.11
8	Maharastra W	109391	15.11
9	Vindhyachal	109391	15.11
10	ACB+Spectrum Coal and Power Limited	94391	13.11
11	Jindal Power Limited+Jindal Steel Power Limited	94391	13.11
12	Korba	94391	13.11
13	Lanco	94391	13.11
14	Mahan	94391	13.11
15	NSPCL, Bhilai	94391	13.11
16	Sasan UMPP	94391	13.11
17	Sipat	94391	13.11
18	Balco	79391	11.11
19	Coastal Gujarat Power Limited	79391	11.11
20	Chattisgarh W	79391	11.11
21	D&D Inj	79391	11.11
22	D&D W	79391	11.11
23	DNH Inj	79391	11.11
24	DNH W	79391	11.11
25	EMCO	79391	11.11
26	Goa-WR Inj	79391	11.11
27	Madhya Pradesh Inj	79391	11.11
28	Mauda	79391	11.11
29	Sardar Sarovar Project	79391	11.11
30	Tarapur Atomic Power Station 3&4	79391	11.11

Slabs for PoC Rates - Southern Region (October 2013 – December 2013)			
Sl. No.	Name of Entity	Slab Rate (₹/MW/Month)	Slab Rate (Paisa/Unit)
1	Goa-SR W	101818	14.06
2	Karnataka W	101818	14.06
3	Kerala W	101818	14.06
4	SEPL+MEPL	101818	14.06
5	Tamil Nadu Inj	101818	14.06
6	Tamil Nadu W	101818	14.06
7	Andhra Pradesh W	86818	12.06
8	Simhadri 2	86818	12.06
9	Andhra Pradesh Inj	71818	10.06
10	Goa-SR Inj	71818	10.06
11	Injection from Talcher	71818	10.06
12	Kaiga	71818	10.06
13	Karnataka Inj	71818	10.06
14	Kerala Inj	71818	10.06
15	Lanco-Kondapalli	71818	10.06
16	NLC	71818	10.06
17	Pondicherry Inj	71818	10.06
18	Pondicherry W	71818	10.06
19	Ramagundam	71818	10.06
20	Vallur	71818	10.06



Annexure II

Slabs for PoC Losses - Northern Region (October 2013 – December 2013)		
Sl. No.	Name of Entity	Slab w.r.t Weighted Average
1	RAPP C	High
2	Rihand	High
3	Shree Cement	High
4	Singrauli	High
5	Uttar Pradesh Inj	High
6	Uttarakhand W	High
7	Delhi W	Normal
8	Rajasthan Inj	Normal
9	Rajasthan W	Normal
10	Uttar Pradesh W	Normal
11	Chamera I	Low
12	Chamera II	Low
13	Chamera Pooling Point	Low
14	Chandigarh Inj	Low
15	Chandigarh W	Low
16	Dadri	Low
17	Delhi Inj	Low
18	Dulhasti	Low
19	Haryana Inj	Low
20	Haryana W	Low
21	Himachal Pradesh Inj	Low
22	Himachal Pradesh W	Low
23	Jammu & Kashmir Inj	Low
24	Jammu & Kashmir W	Low
25	Karcham Wangtoo	Low
26	Koteshwar	Low
27	Nathpa Jhakri	Low
28	Parbati III	Low
29	Punjab Inj	Low
30	Punjab W	Low
31	Tehri	Low
32	Uri I	Low
33	Uttarakhand Inj	Low



Slabs for PoC Losses - Eastern Region (October 2013 – December 2013)		
Sl. No.	Name of Entity	Slab w.r.t Weighted Average
1	Maithon Power Limited	High
2	Orissa Inj	High
3	Sterlite	High
4	Talcher	High
5	Aadhunik Power	Normal
6	Bihar W	Normal
7	DVC Inj	Normal
8	Farakka	Normal
9	Injection from Bhutan	Normal
10	Kahalgaon	Normal
11	Orissa W	Normal
12	Sikkim W	Normal
13	Teesta	Normal
14	West Bengal W	Normal
15	Bihar Inj	Low
16	DVC W	Low
17	Jharkhand Inj	Low
18	Jharkhand W	Low
19	Sikkim Inj	Low
20	West Bengal Inj	Low

Slabs for PoC Losses - North Eastern Region (October 2013 – December 2013)		
Sl. No.	Name of Entity	Slab w.r.t Weighted Average
1	Mizoram W	High
2	Palatana	High
3	Arunachal Pradesh W	Normal
4	Assam Inj	Normal
5	Assam W	Normal
6	Manipur Inj	Normal
7	Manipur W	Normal
8	Meghalaya W	Normal
9	Nagaland W	Normal
10	Ranganadi	Normal
11	Tripura Inj	Normal
12	Arunachal Pradesh Inj	Low
13	Meghalaya Inj	Low
14	Mizoram Inj	Low
15	Nagaland Inj	Low
16	Tripura W	Low

Slabs for PoC Losses - Western Region (October 2013 – December 2013)		
Sl. No.	Name of Entity	Slab w.r.t Weighted Average
1	ACB+Spectrum Coal and Power Limited	High
2	Goa W	High
3	Jindal Power Limited+Jindal Steel Power Limited	High
4	KSK Mahanadi	High
5	Lanco	High
6	Maharashtra W	High
7	Sipat	High
8	Balco	Normal
9	Chhatisgarh Inj	Normal
10	D&D W	Normal
11	DNH W	Normal
12	EMCO	Normal
13	Gujarat W	Normal
14	Korba	Normal
15	Madhya Pradesh Inj	Normal
16	Madhya Pradesh W	Normal
17	Mahan	Normal
18	Maharashtra Inj	Normal
19	Mauda	Normal
20	Coastal Gujarat Power Limited	Normal
21	NSPCL, Bhilai	Normal
22	Sasan UMPP	Normal
23	Vindhyachal	Normal
24	Chhatisgarh W	Low
25	D&D Inj	Low
26	DNH Inj	Low
27	Goa Inj	Low
28	Gujarat Inj	Low
29	Sardar Sarovar Project	Low
30	Tarapur Atomic Power Station 3&4	Low



Slabs for PoC Losses - Southern Region (October 2013 – December 2013)		
Sl.No.	Name of Entity	Slab w.r.t Weighted Average
1	Andhra Pradesh Inj	High
2	Injection at Kolar*	High
3	Kerala W	High
4	Lanco-Kondapalli	High
5	Pondy W	High
6	Simhadri 2	High
7	Tamilnadu W	High
8	Andhra Pradesh W	Normal
9	Ramagundam	Normal
10	SEPL+MEPL	Normal
11	Goa Inj	Low
12	Goa W	Low
13	Kaiga	Low
14	Karnataka Inj	Low
15	Karnataka W	Low
16	Kerala Inj	Low
17	NLC	Low
18	Pondy Inj	Low
19	Taminadu Inj	Low
20	Vallur	Low

* On Account of HVDC Talcher – Kolar Losses

