

**CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI**

Coram:

**Shri Gireesh B Pradhan, Chairperson
Shri M. Deena Dayalan, Member
Shri A.K. Singhal, Member
Shri A.S. Bakshi, Member**

No. L-1/44/2010-CERC

Date of Order: 31.10.2014

In the matter of:

Determination of Point of Connection (PoC) rates and transmission losses for the period October to December, 2014 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 Despatch Centre as the Implementing Agency has been entrusted with the responsibility of computation of transmission charges and losses under the Sharing Regulations for each financial year. Further, Regulation 17(1) of the Sharing Regulations requires the Implementing Agency 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 vide its letter no. POSOCO/Trans.Pricing/CERC dated 17.10.2014 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 2014-15 (period October to December, 2014); and
- (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 percentage of 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 14.10.2014 approved the slabs of PoC rates for National 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 ₹/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. In the Principal Regulations it is provided that there shall be three slab rates for injection and demand PoC charges for the year up to 2013-14, after which the same shall be rationalized in the year 2014-15 based on a review by the Commission. The review of the slab rate as proposed in the third amendment of Sharing Regulations is under consideration of the Commission. The outcome of review will be applicable from the date as per decision of the Commission

7. 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.

8. 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 2014-15 i.e. from 1.10.2014 to 31.12.2014, as submitted by Implementing Agency. We also direct the Implementing Agency to ensure maximum information disclosure by posting the details of zonal PoC rates and zonal transmission losses and associated details of the calculations used for arriving at these rates on its website, along with underlying network information and base load flows used, in accordance with the Regulation 17(3) of Sharing Regulations.

9. 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 1.11.2014, short-term open access charges would be payable at the rates applicable for the application period from July-September, 2014(Q2) and for applications received on or after 1.11.2014, the short-term open access charges shall be payable as per the application period from 1.10.2014 to 31.12.2014 (Q3). In keeping with the application of weekly losses, we direct that the application of the new PoC loss slabs for third quarter would be made applicable from 3.11.2014.



10. 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/-
(A.S Bakshi)
Member

sd/-
(A.K. Singhal)
Member

sd/-
(M. Deena Dayalan)
Member

sd/-
(Gireesh B. Pradhan)
Chairperson

Annexure I

Slabs for PoC Rates - Northern Region (October to December, 2014)			
Sl. No.	Name of Entity	Slab Rate (₹/MW/Month)	Slab Rate (Paisa/Unit)
1	Haryana Inj	118067	16.31
2	Haryana W	118067	16.31
3	Jammu & Kashmir W	118067	16.31
4	Rajasthan W	118067	16.31
5	RAPP C	118067	16.31
6	Uttar Pradesh W	118067	16.31
7	Rihand	103067	14.31
8	Uttarakhand W	103067	14.31
9	Chamera I	88067	12.31
10	Chamera II	88067	12.31
11	Chamera Pooling Point	88067	12.31
12	Chandigarh Inj	88067	12.31
13	Chandigarh W	88067	12.31
14	Dadri	88067	12.31
15	Delhi Inj	88067	12.31
16	Delhi W	88067	12.31
17	Dulhasti	88067	12.31
18	Himachal Pradesh Inj	88067	12.31
19	Himachal Pradesh W	88067	12.31
20	Jammu & Kashmir Inj	88067	12.31
21	Jhajjar	88067	12.31
22	Karcham Wangtoo	88067	12.31
23	Koteshwar	88067	12.31
24	Nathpa Jhakri	88067	12.31
25	Parbati III	88067	12.31
26	Punjab Inj	88067	12.31
27	Punjab W	88067	12.31
28	Rajasthan Inj	88067	12.31
29	Rampur HEP	88067	12.31
30	Shree Cement	88067	12.31
31	Singrauli	88067	12.31
32	Tehri	88067	12.31
33	Uri I	88067	12.31
34	Uri II	88067	12.31
35	Uttar Pradesh Inj	88067	12.31
36	Uttarakhand Inj	88067	12.31

Slabs for PoC Rates - Eastern Region (October to December, 2014)			
Sl. No.	Name of Entity	Slab Rate (₹/MW/Month)	Slab Rate (Paisa/Unit)
1	JITPL	118067	16.31
2	Kahalgaon	118067	16.31
3	Odisha Inj	118067	16.31
4	Talcher	118067	16.31
5	Bihar W	103067	14.31
6	DVC Inj	103067	14.31
7	Jharkhand W	103067	14.31
8	Maithon Power Limited	103067	14.31
9	Teesta	103067	14.31
10	Aadhunik Power	88067	12.31
11	Bangladesh Inj	88067	12.31
12	Bangladesh W	88067	12.31
13	Bihar Inj	88067	12.31
14	DVC W	88067	12.31
15	Farakka	88067	12.31
16	GMR Kamalanga	88067	12.31
17	Injection from Bhutan	88067	12.31
18	Jharkhand Inj	88067	12.31
19	Odisha W	88067	12.31
20	Sikkim Inj	88067	12.31
21	Sikkim W	88067	12.31
22	Sterlite	88067	12.31
23	West Bengal Inj	88067	12.31
24	West Bengal W	88067	12.31

Slabs for PoC Rates - North Eastern Region (October to December, 2014)			
Sl. No.	Name of Entity	Slab Rate (₹/MW/Month)	Slab Rate (Paisa/Unit)
1	Assam W	118067	16.31
2	Meghalaya W	118067	16.31
3	Mizoram Inj	118067	16.31
4	Mizoram W	118067	16.31
5	Nagaland W	118067	16.31
6	Palatana	118067	16.31
7	Tripura Inj	118067	16.31
8	Arunachal Pradesh W	103067	14.31
9	Arunachal Pradesh Inj	88067	12.31
10	Assam Inj	88067	12.31
11	Manipur Inj	88067	12.31
12	Manipur W	88067	12.31
13	Meghalaya Inj	88067	12.31
14	Nagaland Inj	88067	12.31
15	Ranganadi	88067	12.31
16	Tripura W	88067	12.31

Slabs for PoC Rates - Western Region (October to December, 2014)			
Sl.No.	Name of Entity	Slab Rate (₹/MW/Month)	Slab Rate (Paisa/Unit)
1	Chhattisgarh Inj	118067	16.31
2	Goa-WR W	118067	16.31
3	Gujarat Inj	118067	16.31
4	JPL Extn.	118067	16.31
5	KSK Mahanadi	118067	16.31
6	KWPCL	118067	16.31
7	Madhya Pradesh W	118067	16.31
8	Maharashtra Inj	118067	16.31
9	Maharashtra W	118067	16.31
10	NSPCL, Bhilai	118067	16.31
11	Sasan UMPP	118067	16.31
12	ACB+Spectrum Coal and Power Limited	103067	14.31
13	Essar Steel W	103067	14.31
14	Jindal Power Limited + Jindal Steel Power Limited	103067	14.31
15	Korba	103067	14.31
16	Lanco	103067	14.31
17	Sipat	103067	14.31
18	Vindhyachal	103067	14.31
19	Balco	88067	12.31
20	Chhattisgarh W	88067	12.31
21	Coastal Gujarat Power Ltd.	88067	12.31
22	D&D Inj	88067	12.31
23	D&D W	88067	12.31
24	DB Power	88067	12.31
25	DGEN	88067	12.31
26	Dhariwal	88067	12.31
27	DNH Inj	88067	12.31
28	DNH W	88067	12.31
29	EMCO	88067	12.31
30	Essar Mahan	88067	12.31
31	Essar Steel Inj	88067	12.31
32	Goa-WR Inj	88067	12.31
33	Gujarat W	88067	12.31
34	JP Nigrie	88067	12.31
35	Madhya Pradesh Inj	88067	12.31
36	Mauda	88067	12.31
37	Sardar Sarovar Project	88067	12.31
38	Tarapur Atomic Power Station 3&4	88067	12.31
39	Vandana Vidyut	88067	12.31

Slabs for PoC Rates - Southern Region (October to December, 2014)			
Sl. No.	Name of Entity	Slab Rate (₹/MW/Month)	Slab Rate (Paisa/Unit)
1	Andhra Pradesh W	118067	16.31
2	Karnataka W	118067	16.31
3	Kerala W	118067	16.31
4	Talcher Stage II	118067	16.31
5	Tamilnadu W	118067	16.31
6	Telangana W	118067	16.31
7	Kudankulam	103067	14.31
8	Andhra Pradesh Inj	88067	12.31
9	Goa-SR Inj	88067	12.31
10	Goa-SR W	88067	12.31
11	Kaiga	88067	12.31
12	Karnataka Inj	88067	12.31
13	Kerala Inj	88067	12.31
14	NLC	88067	12.31
15	Pondicherry Inj	88067	12.31
16	Pondicherry W	88067	12.31
17	Ramagundam	88067	12.31
18	SEPL+MEPL	88067	12.31
19	Simhadri 2	88067	12.31
20	TamilnaduInj	88067	12.31
21	Telanganalnj	88067	12.31
22	Vallur	88067	12.31

Annexure II

Slabs for PoC Losses - Northern Region (October to December, 2014)		
Sl. No.	Name of Entity	Slab w.r.t Weighted Average
1	RAPP C	High
2	Rihand	High
3	Singrauli	High
4	Uttar Pradesh W	High
5	Uttarakhand W	High
6	Chamera I	Normal
7	Chamera II	Normal
8	Chamera Pooling Point	Normal
9	Delhi W	Normal
10	Haryana W	Normal
11	Jammu & Kashmir W	Normal
12	Punjab W	Normal
13	Rajasthan Inj	Normal
14	Rajasthan W	Normal
15	Uttar Pradesh Inj	Normal
16	Chandigarh Inj	Low
17	Chandigarh W	Low
18	Dadri	Low
19	Delhi Inj	Low
20	Dulhasti	Low
21	Haryana Inj	Low
22	Himachal Pradesh Inj	Low
23	Himachal Pradesh W	Low
24	Jammu & Kashmir Inj	Low
25	Jhajjar	Low
26	Karcham Wangtoo	Low
27	Koteshwar	Low
28	Nathpa Jhakri	Low
29	Parbati III	Low
30	Punjab Inj	Low
31	Rampur HEP	Low
32	Shree Cement	Low
33	Tehri	Low
34	Uri I	Low
35	Uri II	Low
36	Uttarakhand Inj	Low

Slabs for PoC Losses - Eastern Region (October to December, 2014)		
Sl. No.	Name of Entity	Slab w.r.t Weighted Average
1	JITPL	High
2	Orissa Inj	High
3	Talcher	High
4	Aadhunik Power	Normal
5	Bangladesh W	Normal
6	Bihar W	Normal
7	DVC Inj	Normal
8	Farakka	Normal
9	Injection from Bhutan	Normal
10	Jharkhand W	Normal
11	Kahalgaon	Normal
12	Maithon Power Limited	Normal
13	Odisha W	Normal
14	Sterlite	Normal
15	Teesta	Normal
16	West Bengal W	Normal
17	Bangladesh Inj	Low
18	Bihar Inj	Low
19	DVC W	Low
20	GMR Kamalanga	Low
21	Jharkhand Inj	Low
22	Sikkim Inj	Low
23	Sikkim W	Low
24	West Bengal Inj	Low

Slabs for PoC Losses - North Eastern (October to December, 2014)		
Sl. No.	Name of Entity	Slab w.r.t Weighted Average
1	Meghalaya W	High
2	Mizoram W	High
3	Arunachal Pradesh W	Normal
4	Assam Inj	Normal
5	Assam W	Normal
6	Manipur Inj	Normal
7	Manipur W	Normal
8	Mizoram Inj	Normal
9	Palatana	Normal
10	Ranganadi	Normal
11	Tripura Inj	Normal
12	Arunachal Pradesh Inj	Low
13	Meghalaya Inj	Low
14	Nagaland Inj	Low
15	Nagaland W	Low
16	Tripura W	Low

Slabs for PoC Losses - Western Region (October to December, 2014)		
Sl. No.	Name of Entity	Slab w.r.t Weighted Average
1	ACB+Spectrum Coal and Power Ltd.	High
2	DB Power	High
3	Dhariwal	High
4	EMCO	High
5	Goa-WR W	High
6	Jindal Power Limited + Jindal Steel Power Limited	High
7	JPL Extn.	High
8	KSK Mahanadi	High
9	KWPCL	High
10	Lanco	High
11	Maharashtra W	High
12	Sipat	High
13	Balco	Normal
14	Chhattisgarh Inj	Normal
15	Essar Steel W	Normal
16	Gujarat W	Normal
17	Korba	Normal
18	Madhya Pradesh W	Normal
19	Essar Mahan	Normal
20	Maharashtra Inj	Normal
21	Mauda	Normal
22	NSPCL, Bhilai	Normal
23	Sasan UMPP	Normal
24	Vandana Vidyut	Normal
25	Vindhyachal	Normal
26	Chhattisgarh W	Low
27	Coastal Gujarat Power Limited	Low
28	D&D Inj	Low
29	D&D W	Low
30	DGEN	Low
31	DNH Inj	Low
32	DNH W	Low
33	Essar Steel Inj	Low
34	Goa-WR Inj	Low
35	Gujarat Inj	Low
36	JP Nigrie	Low
37	Madhya Pradesh Inj	Low
38	Sardar Sarovar Project	Low
39	Tarapur Atomic Power Station 3&4	Low

Slabs for PoC Losses - Southern Region (October to December, 2014)		
Sl. No.	Name of Entity	Slab w.r.t Weighted Average
1	Karnataka W	High
2	Kerala W	High
3	Talcher Stage II	High
4	Andhra Pradesh W	Normal
5	Simhadri 2	Normal
6	Tamilnadu W	Normal
7	Telangana W	Normal
8	Andhra Pradesh Inj	Low
9	Goa-SR Inj	Low
10	Goa-SR W	Low
11	Kaiga	Low
12	Karnataka Inj	Low
13	Kerala Inj	Low
14	Kudankulam	Low
15	NLC	Low
16	Pondicherry Inj	Low
17	Pondicherry W	Low
18	Ramagundam	Low
19	SEPL+MEPL	Low
20	Tamilnadu Inj	Low
21	Telangana Inj	Low
22	Vallur	Low