

**CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI**

Coram:

Shri Gireesh B. Pradhan, Chairperson

Shri M. Deena Dayalan, Member

Shri A.K. Singhal, Member

No. L-1/44/2010-CERC

Date of Order: 30.6.2014

In the matter of:

Determination of Point of Connection (PoC) rates and transmission losses for the period July to September, 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 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 30.6.2014 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 Second quarter of the year 2014-15 (period July to September, 2014)
- (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 26.6.2014 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 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. In the Principal Regulations it is provided that there shall be three slab rates for injection and demand PoC charges for the year upto 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.

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 second quarter of the year 2014-15 i.e. from 1.7.2014 to 30.9.2014, 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.

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 1.7.2014, short-term open access charges would be payable at the rates applicable for the application period from April-June, (Q1) 2014 and for applications received on or after 1.7.2014, the short-term open access charges shall be payable as per the application period from 1.7.2014 to 30.9.2014 (Q2) 2014 . In keeping with the application of weekly losses, we direct that the application of the new PoC loss slabs for second quarter would be made applicable from 7.7.2014.

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.K. Singhal)
Member

Sd/-
(M. Deena Dayalan)
Member

Sd/-
(Gireesh B Pradhan)
Chairperson

Annexure I

Slabs for PoC Rates - Northern Region (Jul'14-Sep'14)

Sl.No.	Name of Entity	Slab Rate (Rs/MW/Month)	Slab Rate (Paisa/Unit)
1	Haryana W	117165	16.19
2	Punjab W	117165	16.19
3	Rajasthan W	117165	16.19
4	Uttar Pradesh W	117165	16.19
5	Chamera Pooling Point	102165	14.19
6	Dulhasti	102165	14.19
7	RAPP C	102165	14.19
8	Rihand	102165	14.19
9	Uttar Pradesh Inj	102165	14.19
10	Chamera I	87165	12.19
11	Chamera II	87165	12.19
12	Chandigarh Inj	87165	12.19
13	Chandigarh W	87165	12.19
14	Dadri	87165	12.19
15	Delhi Inj	87165	12.19
16	Delhi W	87165	12.19
17	Haryana Inj	87165	12.19
18	Himachal Pradesh Inj	87165	12.19
19	Himachal Pradesh W	87165	12.19
20	Jammu & Kashmir Inj	87165	12.19
21	Jammu & Kashmir W	87165	12.19
22	Jhajjar	87165	12.19
23	KarchamWangtoo	87165	12.19
24	Koteshwar	87165	12.19
25	NathpaJhakri	87165	12.19
26	Parbati III	87165	12.19
27	Punjab Inj	87165	12.19
28	Rajasthan Inj	87165	12.19
29	Rampur HEP	87165	12.19
30	Singrauli	87165	12.19
31	Sree Cement	87165	12.19
32	Tehri	87165	12.19
33	Uri I	87165	12.19
34	Uri II	87165	12.19
35	Uttarakhand Inj	87165	12.19
36	Uttarakhand W	87165	12.19

Slabs for PoC Rates - Eastern Region (Jul'14-Sep'14)

Sl.No.	Name of Entity	Slab Rate (Rs/MW/Month)	Slab Rate (Paisa/Unit)
1	Injection from Bhutan	117165	16.19
2	Jharkhand W	117165	16.19
3	JITPL	117165	16.19
4	Odisha Inj	117165	16.19
5	Talcher Stage I	117165	16.19
6	Teesta	117165	16.19
7	Bihar W	102165	14.19
8	Kahalgaon	102165	14.19
9	Aadhunik Power	87165	12.19
10	Bangladesh Inj	87165	12.19
11	Bangladesh W	87165	12.19
12	Bihar Inj	87165	12.19
13	DVC Inj	87165	12.19
14	DVC W	87165	12.19
15	Farakka	87165	12.19
16	GMR Kamalanga	87165	12.19
17	Jharkhand Inj	87165	12.19
18	Maithon Power Limited	87165	12.19
19	Odisha W	87165	12.19
20	Sikkim Inj	87165	12.19
21	Sikkim W	87165	12.19
22	Sterlite	87165	12.19
23	West Bengal Inj	87165	12.19
24	West Bengal W	87165	12.19

**Slabs for PoC Rates - North Eastern Region
(Jul'14-Sep'14)**

Sl.No.	Name of Entity	Slab Rate (Rs/MW/Month)	Slab Rate (Paisa/Unit)
1	Assam W	117165	16.19
2	Mizoram W	117165	16.19
3	Palatana	117165	16.19
4	Tripura Inj	117165	16.19
5	Mizoram Inj	102165	14.19
6	Ranganadi	102165	14.19
7	Arunachal Pradesh Inj	87165	12.19
8	Arunachal Pradesh W	87165	12.19
9	Assam Inj	87165	12.19
10	Manipur Inj	87165	12.19
11	Manipur W	87165	12.19
12	Meghalaya Inj	87165	12.19
13	Meghalaya W	87165	12.19
14	Nagaland Inj	87165	12.19
15	Nagaland W	87165	12.19
16	Tripura W	87165	12.19

Slabs for PoC Rates - Western Region (Jul'14-Sep'14)

Sl.No.	Name of Entity	Slab Rate (Rs/MW/Month)	Slab Rate (Paisa/Unit)
1	Chhattisgarh Inj	117165	16.19
2	Goa-WR W	117165	16.19
3	JPL Extn.	117165	16.19
4	KSK Mahanadi	117165	16.19
5	Maharastralnj	117165	16.19
6	Maharastra W	117165	16.19
7	Sasan UMPP	117165	16.19
8	Vindhyachal	117165	16.19
9	ACB+Spectrum Coal and Power Limited	102165	14.19
10	DB Power	102165	14.19
11	Essar Steel W	102165	14.19
12	Gujarat Inj	102165	14.19
13	Jindal Power Limited+Jindal Steel Powe Limited	102165	14.19
14	Korba	102165	14.19
15	NSPCL, Bhilai	102165	14.19
16	Sipat	102165	14.19
17	Vandana Vidyut	102165	14.19
18	Balco	87165	12.19
19	Coastal Gujarat Power Limited	87165	12.19
20	Chhattisgarh W	87165	12.19
21	D&D Inj	87165	12.19
22	D&D W	87165	12.19
23	DNH Inj	87165	12.19
24	DNH W	87165	12.19
25	EMCO	87165	12.19
26	Essar Steel Inj	87165	12.19
27	Goa-WR Inj	87165	12.19
28	Gujarat W	87165	12.19
29	KWPCL	87165	12.19
30	Lanco	87165	12.19
31	Madhya Pradesh Inj	87165	12.19
32	Madhya Pradesh W	87165	12.19
33	Mauda	87165	12.19
34	SardarSarovar Project	87165	12.19
35	Tarapur Atomic Power Station 3&4	87165	12.19

Slabs for PoC Rates - Southern Region (Jul'14-Sep'14)

Sl.No.	Name of Entity	Slab Rate (Rs/MW/Month)	Slab Rate (Paisa/Unit)
1	Andhra Pradesh W	117165	16.19
2	Karnataka W	117165	16.19
3	Kudankulam	117165	16.19
4	Talcher Stage II	117165	16.19
5	Tamilnadu W	117165	16.19
6	Telangana W	117165	16.19
7	Kerala W	102165	14.19
8	Simhadri 2	102165	14.19
9	Andhra Pradesh Inj	87165	12.19
10	Goa-SR Inj	87165	12.19
11	Goa-SR W	87165	12.19
12	Kaiga	87165	12.19
13	Karnataka Inj	87165	12.19
14	Kerala Inj	87165	12.19
15	NLC	87165	12.19
16	Pondicherry Inj	87165	12.19
17	Pondicherry W	87165	12.19
18	Ramagundam	87165	12.19
19	SEPL+MEPL	87165	12.19
20	TamilnaduInj	87165	12.19
21	Telangana Inj	87165	12.19
22	Vallur	87165	12.19

Annexure II

Slabs for PoC Losses - Northern Region (Jul'14-Sep'14)

Sl.No.	Name of Entity	Slab w.r.t Weighted Avg
1	Rihand	High
2	Singrauli	High
3	Uttarakhand W	High
4	Chandigarh W	Normal
5	Delhi W	Normal
6	Haryana W	Normal
7	KarchamWangtoo	Normal
8	NathpaJhakri	Normal
9	Punjab W	Normal
10	Rajasthan W	Normal
11	Rampur HEP	Normal
12	RAPP C	Normal
13	Uttar Pradesh Inj	Normal
14	Uttar Pradesh W	Normal
15	Chamera I	Low
16	Chamera II	Low
17	Chamera Pooling Point	Low
18	Chandigarh Inj	Low
19	Dadri	Low
20	Delhi Inj	Low
21	Dulhasti	Low
22	Haryana Inj	Low
23	Himachal Pradesh Inj	Low
24	Himachal Pradesh W	Low
25	Jammu & Kashmir Inj	Low
26	Jammu & Kashmir W	Low
27	Jhajjar	Low
28	Koteshwar	Low
29	Parbati III	Low
30	Punjab Inj	Low
31	Rajasthan Inj	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
(Jul'14-Sep'14)**

Sl.No.	Name of Entity	Slab w.r.t Weighted Avg
1	JITPL	High
2	Odisha Inj	High
3	Sterlite	High
4	Talcher Stage I	High
5	Aadhunik Power	Normal
6	Bangladesh W	Normal
7	Bihar W	Normal
8	DVC Inj	Normal
9	DVC W	Normal
10	Farakka	Normal
11	GMR Kamalanga	Normal
12	Injection from Bhutan	Normal
13	Jharkhand W	Normal
14	Kahalgaon	Normal
15	Maithon Power Limited	Normal
16	Odisha W	Normal
17	Teesta	Normal
18	West Bengal Inj	Normal
19	West Bengal W	Normal
20	Bangladesh Inj	Low
21	Bihar Inj	Low
22	Jharkhand Inj	Low
23	Sikkim Inj	Low
24	Sikkim W	Low

**Slabs for PoC Losses - North Eastern
Region (Jul'14-Sep'14)**

Sl.No.	Name of Entity	Slab w.r.t Weighted Avg
1	Meghalaya W	High
2	Mizoram W	High
3	Palatana	High
4	Assam Inj	Normal
5	Assam W	Normal
6	Manipur Inj	Normal
7	Manipur W	Normal
8	Meghalaya Inj	Normal
9	Mizoram Inj	Normal
10	Nagaland Inj	Normal
11	Ranganadi	Normal
12	Tripura Inj	Normal
13	Tripura W	Normal
14	Arunachal Pradesh Inj	Low
15	Arunachal Pradesh W	Low
16	Nagaland W	Low

**Slabs for PoC Losses - Western Region
(Jul'14-Sep'14)**

Sl.No.	Name of Entity	Slab w.r.t Weighted Avg
1	ACB+Spectrum Coal and Power Limited	High
2	EMCO	High
3	Goa-WR W	High
4	Jindal Power Limited+Jindal Steel Powe Limited	High
5	KSK Mahanadi	High
6	KWPCL	High
7	Maharashtra W	High
8	Mauda	High
9	Sipat	High
10	Balco	Normal
11	Chhattisgarh Inj	Normal
12	D&D W	Normal
13	DB Power	Normal
14	DNH W	Normal
15	Essar Steel W	Normal
16	Gujarat W	Normal
17	Korba	Normal
18	Lanco	Normal
19	Madhya Pradesh Inj	Normal
20	Madhya Pradesh W	Normal
21	Maharashtra Inj	Normal
22	Coastal Gujarat Power Limited	Normal
23	Sasan UMPP	Normal
24	JPL Extn.	Normal
25	Vandana Vidyut	Normal
26	Vindhyachal	Normal
27	Chhattisgarh W	Low
28	D&D Inj	Low
29	DNH Inj	Low
30	Essar Steel Inj	Low
31	Goa-WR Inj	Low
32	Gujarat Inj	Low
33	NSPCL, Bhilai	Low
34	SardarSarovar Project	Low
35	Tarapur Atomic Power Station 3&4	Low

**Slabs for PoC Losses - Southern
Region (Jul'14-Sep'14)**

Sl.No.	Name of Entity	Slab w.r.t Weighted Avg
1	Talcher Stage II	High
2	Karnataka W	High
3	Andhra Pradesh Inj	Normal
4	Andhra Pradesh W	Normal
5	Kerala W	Normal
6	Simhadri 2	Normal
7	Tamilnadu W	Normal
8	Telangana Inj	Normal
9	Telangana W	Normal
10	Goa-SR Inj	Low
11	Goa-SR W	Low
12	Kaiga	Low
13	Karnataka Inj	Low
14	Kerala Inj	Low
15	Kudankulam	Low
16	NLC	Low
17	Pondicherry Inj	Low
18	Pondicherry W	Low
19	Ramagundam	Low
20	SEPL+MEPL	Low
21	TamilnaduInj	Low
22	Vallur	Low