

**CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI**

**Coram: Shri Gireesh B. Pradhan, Chairperson
Shri V.S.Verma, Member
Shri M. Deena Dayalan, Member
Shri A.K. Singhal, Member**

No. L-1/44/2013-CERC

Date of Order: 31.12.2013

In the matter of:

Determination of Point of Connection (PoC) rates and transmission losses for the period January to March, 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 31.12.2013 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 Fourth quarter of the year 2013-14 (period January to March, 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 23.12.2013 approved the 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 fourth quarter of the year 2013-14 i.e. from 1.1.2014 to 31.3.2014, 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.

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 1.1.2014, short-term open access charges would be payable at the rates applicable for the application period from October-December, 2013(Q3) and for applications received on or after 1.1.2014, the short-term open access charges shall be payable as per the application period from 1.1.2014 to 31.3.2014 (Q4). In keeping with the application of weekly losses, we direct that the application of the new PoC loss slabs for fourth quarter would be made applicable from 6.1.2014.

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/-
(A.K. Singhal)
Member

Sd/-
(M. Deena Dayalan)
Member

Sd/-
(V.S. Verma)
Member

Sd/-
(Gireesh B. Pradhan)
Chairperson

Annexure I

Slabs for PoC Rates - Northern Region (Jan'14-Mar'14)			
Sl.No.	Name of Entity	Slab Rate (Rs/MW/Month)	Slab Rate (Paisa/Unit)
1	Haryana W	118280	16.34
2	Punjab W	118280	16.34
3	Rajasthan W	118280	16.34
4	Rihand	118280	16.34
5	Uttar Pradesh Inj	118280	16.34
6	Uttar Pradesh W	118280	16.34
7	Jammu & Kashmir W	103280	14.34
8	Parbati III	103280	14.34
9	RAAP C	103280	14.34
10	Singrauli	103280	14.34
11	Uttarakhand W	103280	14.34
12	Chamera 1	88280	12.34
13	Chamera II	88280	12.34
14	Chamera Pooling Point	88280	12.34
15	Chandigarh Inj	88280	12.34
16	Chandigarh W	88280	12.34
17	Dadri	88280	12.34
18	Delhi Inj	88280	12.34
19	Delhi W	88280	12.34
20	Dulhasti	88280	12.34
21	Haryana Inj	88280	12.34
22	HP Inj	88280	12.34
23	HP W	88280	12.34
24	Jammu & Kashmir Inj	88280	12.34
25	Jhajjar	88280	12.34
26	Karcham Wangtoo	88280	12.34
27	Koteshwar	88280	12.34
28	Nathpa Jhakri	88280	12.34
29	Punjab Inj	88280	12.34
30	Rajasthan Inj	88280	12.34
31	Sree Cement	88280	12.34
32	Tehri	88280	12.34
33	Uri I	88280	12.34
34	Uri II	88280	12.34
35	Uttarakhand Inj	88280	12.34

Slabs for PoC Rates - Eastern Region (Jan'14-Mar'14)

Sl.No.	Name of Entity	Slab Rate (Rs/MW/Month)	Slab Rate (Paisa/Unit)
1	DVC Inj	118280	16.34
2	Kahalgaon	118280	16.34
3	Orissa Inj	118280	16.34
4	Sikkim W	118280	16.34
5	Bihar W	103280	14.34
6	Aadhunik	88280	12.34
7	Bangladesh Inj	88280	12.34
8	Bangladesh W	88280	12.34
9	Bihar Inj	88280	12.34
10	DVC W	88280	12.34
11	Farakka	88280	12.34
12	Injection from Bhutan	88280	12.34
13	Jharkhand Inj	88280	12.34
14	Jharkhand W	88280	12.34
15	MPL	88280	12.34
16	Orissa W	88280	12.34
17	Sikkim Inj	88280	12.34
18	Sterlite	88280	12.34
19	Talcher	88280	12.34
20	Teesta	88280	12.34
21	West Bengal Inj	88280	12.34
22	West Bengal W	88280	12.34

**Slabs for PoC Rates - North Eastern Region
(Jan'14-Mar'14)**

Sl.No.	Name of Entity	Slab Rate (Rs/MW/Month)	Slab Rate (Paisa/Unit)
1	Arunachal Pradesh W	118280	16.34
2	Assam W	118280	16.34
3	Meghalaya W	118280	16.34
4	Mizoram Inj	118280	16.34
5	Mizoram W	118280	16.34
6	Nagaland W	118280	16.34
7	Palatana	118280	16.34
8	Tripura Inj	118280	16.34
9	Arunachal Pradesh Inj	88280	12.34
10	Assam Inj	88280	12.34
11	Manipur Inj	88280	12.34
12	Manipur W	88280	12.34
13	Meghalaya Inj	88280	12.34
14	Nagaland Inj	88280	12.34
15	Ranganadi	88280	12.34
16	Tripura W	88280	12.34

Slabs for PoC Rates - Western Region(Jan'14-Mar'14)

Sl.No.	Name of Entity	Slab Rate (Rs/MW/Month)	Slab Rate (Paisa/Unit)
1	ACB+Spectrum	118280	16.34
2	Chattisgarh Inj	118280	16.34
3	DB Power	118280	16.34
4	Goa-WR W	118280	16.34
5	JPL+JSPL	118280	16.34
6	KSK Mahanadi	118280	16.34
7	Lanco	118280	16.34
8	Madhya Pradesh W	118280	16.34
9	Mahan	118280	16.34
10	Maharastra Inj	118280	16.34
11	Maharastra W	118280	16.34
12	Sasan	118280	16.34
13	Sipat	118280	16.34
14	Vindhyachal	118280	16.34
15	Gujarat Inj	103280	14.34
16	Korba	103280	14.34
17	NSPCL	103280	14.34
18	Balco	88280	12.34
19	CGPL	88280	12.34
20	Chattisgarh W	88280	12.34
21	D&D Inj	88280	12.34
22	D&D W	88280	12.34
23	DNH Inj	88280	12.34
24	DNH W	88280	12.34
25	EMCO	88280	12.34
26	Essar Steel Inj	88280	12.34
27	Essar Steel W	88280	12.34
28	Goa-WR Inj	88280	12.34
29	Gujarat W	88280	12.34
30	Madhya Pradesh Inj	88280	12.34
31	Mauda	88280	12.34
32	SSP	88280	12.34
33	TAPS 3&4	88280	12.34
34	Vandana	88280	12.34

Slabs for PoC Rates - Southern Region (Jan'14-Mar'14)

Sl.No.	Name of Entity	Slab Rate (Rs/MW/Month)	Slab Rate (Paisa/Unit)
1	Andhra Pradesh W	95055	13.12
2	Goa-SR W	95055	13.12
3	Karnataka W	95055	13.12
4	Kerala W	95055	13.12
5	Kudankulam	95055	13.12
6	NLC	80055	11.12
7	Simhadri 2	80055	11.12
8	Tamil Nadu W	80055	11.12
9	Andhra Pradesh Inj	65055	9.12
10	Goa-SR Inj	65055	9.12
11	Injection from Talcher	65055	9.12
12	Kaiga	65055	9.12
13	Karnataka Inj	65055	9.12
14	Kerala Inj	65055	9.12
15	Lanco-Kondapalli	65055	9.12
16	Pondicherry Inj	65055	9.12
17	Pondicherry W	65055	9.12
18	Ramagundam	65055	9.12
19	SEPL+MEPL	65055	9.12
20	Tamil Nadu Inj	65055	9.12
21	Vallur	65055	9.12

Annexure II

Slabs for PoC Losses - Northern Region (Jan'14-Mar'14)		
Sl.No.	Name of Entity	Slab w.r.t Weighted Avg
1	Punjab W	High
2	Rihand	High
3	Singrauli	High
4	UP Inj	High
5	UP W	High
6	Uttarakhand W	High
7	Delhi W	Normal
8	J&K W	Normal
9	Rajasthan W	Normal
10	Chamera I	Low
11	Chamera II	Low
12	Chamera Pooling Point	Low
13	Chandigarh Inj	Low
14	Chandigarh W	Low
15	Dadri	Low
16	Delhi Inj	Low
17	Dulhasti	Low
18	Haryana Inj	Low
19	Haryana W	Low
20	HP Inj	Low
21	HP W	Low
22	J&K Inj	Low
23	Jhajjar	Low
24	Karcham Wangtoo	Low
25	Koteshwar	Low
26	Nathpa Jhakri	Low
27	Parbati III	Low
28	Punjab Inj	Low
29	Rajasthan Inj	Low
30	RAPP	Low
31	Shree Cement	Low
32	Tehri	Low
33	Uri I	Low
34	Uri II	Low
35	Uttarakhand Inj	Low

**Slabs for PoC Losses - Eastern Region
(Jan'14-Mar'14)**

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

**Slabs for PoC Losses - North Eastern
Region (Jan'14-Mar'14)**

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

**Slabs for PoC Losses - Western Region
(Jan'14-Mar'14)**

Sl.No.	Name of Entity	Slab w.r.t Weighted Avg
1	ACB+Spectrum	High
2	DB Power	High
3	Goa W	High
4	JPL+JSPL	High
5	KSK Mahanadi	High
6	Lanco	High
7	Maharashtra W	High
8	Sipat	High
9	Balco	Normal
10	Chhatisgarh Inj	Normal
11	D&D W	Normal
12	DNH W	Normal
13	EMCO	Normal
14	Gujarat W	Normal
15	Korba	Normal
16	Madhya Pradesh W	Normal
17	Mahan	Normal
18	Maharashtra Inj	Normal
19	Mauda	Normal
20	Mundra	Normal
21	NSPCL	Normal
22	Sasan UMPP	Normal
23	Vandana Vidyut	Normal
24	Vindhyachal	Normal
25	Chhatisgarh W	Low
26	D&D Inj	Low
27	DNH Inj	Low
28	Essar Steel Inj	Low
29	Essar Steel W	Low
30	Goa Inj	Low
31	Gujarat Inj	Low
32	Madhya Pradesh Inj	Low
33	SSP	Low
34	TAPS 3&4	Low

Slabs for PoC Losses - Southern Region (Jan'14-Mar'14)		
Sl.No.	Name of Entity	Slab w.r.t Weighted Avg
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	Andhra Pradesh W	Normal
8	NLC	Normal
9	Ramagundam	Normal
10	SEPL+MEPL	Normal
11	Tamilnadu W	Normal
12	Goa Inj	Low
13	Goa W	Low
14	Kaiga	Low
15	Karnataka Inj	Low
16	Karnataka W	Low
17	Kerala Inj	Low
18	Kudankulam	Low
19	Pondy Inj	Low
20	Taminadu Inj	Low
21	Vallur	Low

* On Account of HVDC Talcher – Kolar Losses