

**CENTRAL ELECTRICITY REGULATORY COMMISSION**

**NEW DELHI**

**Coram:**

**Shri Gireesh B. Pradhan, Chairperson**

**Shri M. Deena Dayalan, Member**

**Shri A.K. Singhal, Member**

**No. L-1/44/2014-CERC**

**Date of Order: 31.3.2014**

**In the matter of:**

Determination of Point of Connection (PoC) rates and transmission losses for the period April to June, 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 31.3.2014 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 First quarter of the year 2014-15 (period April to June, 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 28.3.2014 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. 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 first quarter of the year 2014-15 i.e. from 1.4.2014 to 30.6.2014, 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

1.4.2014, short-term open access charges would be payable at the rates applicable for the application period from January-March, (Q4) 2013 and for applications received on or after 1.4.2014, the short-term open access charges shall be payable as per the application period from 1.4.2014 to 30.6.2014 (Q1) 2014 . In keeping with the application of weekly losses, we direct that the application of the new PoC loss slabs for first quarter would be made applicable from 7.4.2014.

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/-**

**(Gireesh B. Pradhan)**

**Chairperson**

## Annexure I

### Slabs for PoC Rates - Northern Region (Apr'14-Jun'14)

Sl.No.	Name of Entity	Slab Rate (Rs/MW/Month)	Slab Rate (Paisa/Unit)
1	Haryana W	114425	15.81
2	Rajasthan W	114425	15.81
3	Uttar Pradesh Inj	114425	15.81
4	Uttar Pradesh W	114425	15.81
5	Haryana Inj	99425	13.81
6	Parbati III	99425	13.81
7	Punjab W	99425	13.81
8	RAAP C	99425	13.81
9	Rihand	99425	13.81
10	Chamera 1	84425	11.81
11	Chamera II	84425	11.81
12	Chamera Pooling Point	84425	11.81
13	Chandigarh Inj	84425	11.81
14	Chandigarh W	84425	11.81
15	Dadri	84425	11.81
16	Delhi Inj	84425	11.81
17	Delhi W	84425	11.81
18	Dulhasti	84425	11.81
19	HP Inj	84425	11.81
20	HP W	84425	11.81
21	Jammu & Kashmir Inj	84425	11.81
22	Jammu & Kashmir W	84425	11.81
23	Jhajjar	84425	11.81
24	Karcham Wangtoo	84425	11.81
25	Koteshwar	84425	11.81
26	Nathpa Jhakri	84425	11.81
27	Punjab Inj	84425	11.81
28	Rajasthan Inj	84425	11.81
29	Rampur HEP	84425	11.81
30	Singrauli	84425	11.81
31	Sree Cement	84425	11.81
32	Tehri	84425	11.81
33	Uri I	84425	11.81
34	Uri II	84425	11.81
35	Uttarakhand Inj	84425	11.81
35	Uttarakhand W	84425	11.81

**Slabs for PoC Rates - Eastern Region (Apr'14-Jun'14)**

<b>Sl.No.</b>	<b>Name of Entity</b>	<b>Slab Rate (Rs/MW/Month)</b>	<b>Slab Rate (Paisa/Unit)</b>
1	Kahalgaon	114425	15.81
2	Orissa Inj	114425	15.81
3	Orissa W	114425	15.81
4	Talcher	114425	15.81
5	Talcher Stg II	114425	15.81
6	Teesta	114425	15.81
7	Bihar W	99425	13.81
8	Aadhunik	84425	11.81
9	Bangladesh Inj	84425	11.81
10	Bangladesh W	84425	11.81
11	Bihar Inj	84425	11.81
12	DVC Inj	84425	11.81
13	DVC W	84425	11.81
14	Farakka	84425	11.81
15	Injection from Bhutan	84425	11.81
16	Jharkhand Inj	84425	11.81
17	Jharkhand W	84425	11.81
18	MPL	84425	11.81
19	Sikkim Inj	84425	11.81
20	Sikkim W	84425	11.81
21	Sterlite	84425	11.81
22	West Bengal Inj	84425	11.81
23	West Bengal W	84425	11.81

**Slabs for PoC Rates - North Eastern Region  
(Apr'14-Jun'14)**

<b>Sl.No.</b>	<b>Name of Entity</b>	<b>Slab Rate (Rs/MW/Month)</b>	<b>Slab Rate (Paisa/Unit)</b>
1	Assam W	114425	15.81
2	Mizoram Inj	114425	15.81
3	Mizoram W	114425	15.81
4	Nagaland W	114425	15.81
5	Palatana	114425	15.81
6	Tripura Inj	114425	15.81
7	Assam Inj	99425	13.81
8	Arunachal Pradesh Inj	84425	11.81
9	Arunachal Pradesh W	84425	11.81
10	Manipur Inj	84425	11.81
11	Manipur W	84425	11.81
12	Meghalaya Inj	84425	11.81
13	Meghalaya W	84425	11.81
14	Nagaland Inj	84425	11.81
15	Ranganadi	84425	11.81
16	Tripura W	84425	11.81

**Slabs for PoC Rates - Western Region(Apr'14-Jun'14)**

<b>Sl.No.</b>	<b>Name of Entity</b>	<b>Slab Rate (Rs/MW/Month)</b>	<b>Slab Rate (Paisa/Unit)</b>
1	Chattisgarh Inj	114425	15.81
2	Goa-WR W	114425	15.81
3	Maharastra Inj	114425	15.81
4	Maharastra W	114425	15.81
5	NSPCL	114425	15.81
6	Sasan	114425	15.81
7	Tamnar	114425	15.81
8	Vindhyachal	114425	15.81
9	ACB+Spectrum	99425	13.81
10	DB Power	99425	13.81
11	Essar W	99425	13.81
12	Gujarat Inj	99425	13.81
13	JPL+JSPL	99425	13.81
14	Korba	99425	13.81
15	KSK Mahanadi	99425	13.81
16	Madhya Pradesh W	99425	13.81
17	Mahan	99425	13.81
18	Sipat	99425	13.81
19	Balco	84425	11.81
20	CGPL	84425	11.81
21	Chattisgarh W	84425	11.81
22	D&D Inj	84425	11.81
23	D&D W	84425	11.81
24	DNH Inj	84425	11.81
25	DNH W	84425	11.81
26	EMCO	84425	11.81
27	Essar Inj	84425	11.81
28	Goa-WR Inj	84425	11.81
29	Gujarat W	84425	11.81
30	Lanco	84425	11.81
31	Madhya Pradesh Inj	84425	11.81
32	Mauda	84425	11.81
33	SSP	84425	11.81
34	TAPS 3&4	84425	11.81
35	Vandana	84425	11.81



**Slabs for PoC Rates - Southern Region (Apr'14-Jun'14)**

<b>Sl.No.</b>	<b>Name of Entity</b>	<b>Slab Rate (Rs/MW/Month)</b>	<b>Slab Rate (Paisa/Unit)</b>
1	Andhra Pradesh W	114425	15.81
2	Karnataka W	114425	15.81
3	Tamil Nadu W	114425	15.81
4	Kerala W	99425	13.81
5	Kudankulam	99425	13.81
6	Andhra Pradesh Inj	84425	11.81
7	Goa-SR Inj	84425	11.81
8	Goa-SR W	84425	11.81
9	Kaiga	84425	11.81
10	Karnataka Inj	84425	11.81
11	Kerala Inj	84425	11.81
12	Lanco-Kondapalli	84425	11.81
13	NLC	84425	11.81
14	Pondicherry Inj	84425	11.81
15	Pondicherry W	84425	11.81
16	Ramagundam	84425	11.81
17	SEPL+MEPL	84425	11.81
18	Simhadri 2	84425	11.81
19	Tamil Nadu Inj	84425	11.81
20	Vallur	84425	11.81

## Annexure-II

### Slabs for PoC Losses - Northern Region (Apr'14-Jun'14)

Sl.No.	Name of Entity	Slab w.r.t Weighted Avg
1	RAPP	High
2	Rihand	High
3	Singrauli	High
4	UP Inj	High
5	UP W	High
6	Uttarakhand W	High
7	Chamera I	Normal
8	Chamera II	Normal
9	Chamera Pooling Point	Normal
10	Delhi W	Normal
11	Dulhasti	Normal
12	Haryana W	Normal
13	Punjab W	Normal
14	Rajasthan W	Normal
15	Shree Cement	Normal
16	Chandigarh Inj	Low
17	Chandigarh W	Low
18	Dadri	Low
19	Delhi Inj	Low
20	Haryana Inj	Low
21	HP Inj	Low
22	HP W	Low
23	J&K Inj	Low
24	J&K W	Low
25	Jhajjar	Low
26	Karcham Wangtoo	Low
27	Koteshwar	Low
28	Nathpa Jhakri	Low
29	Parbati III	Low
30	Punjab Inj	Low
31	Rajasthan Inj	Low
32	Rampur HEP	Low
33	Tehri	Low
34	Uri I	Low
35	Uri II	Low
36	Uttarakhand Inj	Low

<b>Slabs for PoC Losses - Eastern Region (Apr'14-Jun'14)</b>		
<b>Sl.No.</b>	<b>Name of Entity</b>	<b>Slab w.r.t Weighted Avg</b>
1	Orissa Inj	High
2	Sterlite	High
3	Talcher	High
4	Talcher Stg II	High
5	Aadhunik	Normal
6	Bihar W	Normal
7	DVC Inj	Normal
8	Farakka	Normal
9	Injection from Bhutan	Normal
10	Kahalgaon	Normal
11	MPL	Normal
12	Orissa W	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	Sikkim W	Low
23	West Bengal Inj	Low

<b>Slabs for PoC Losses - North Eastern Region (Apr'14-Jun'14)</b>		
<b>Sl.No.</b>	<b>Name of Entity</b>	<b>Slab w.r.t Weighted Avg</b>
1	Mizoram W	High
2	Palatana	High
3	Assam Inj	Normal
4	Assam W	Normal
5	Manipur W	Normal
6	Meghalaya W	Normal
7	Nagaland W	Normal
8	Ranganadi	Normal
9	Tripura Inj	Normal
10	Arunachal Pradesh Inj	Low
11	Arunachal Pradesh W	Low
12	Manipur Inj	Low
13	Meghalaya Inj	Low
14	Mizoram Inj	Low
15	Nagaland Inj	Low
16	Tripura W	Low

**Slabs for PoC Losses - Western  
Region(Apr'14-Jun'14)**

<b>Sl.No.</b>	<b>Name of Entity</b>	<b>Slab w.r.t Weighted Avg</b>
1	ACB+Spectrum	High
2	DB Power	High
3	EMCO	High
4	Goa W	High
5	JPL+JSPL	High
6	Korba	High
7	KSK Mahanadi	High
8	Lanco	High
9	Maharashtra W	High
10	Sipat	High
11	Tamnar	High
12	Balco	Normal
13	Chhatisgarh Inj	Normal
14	D&D W	Normal
15	DNH W	Normal
16	Essar Hazira W	Normal
17	Madhya Pradesh Inj	Normal
18	Mahan	Normal
19	Maharashtra Inj	Normal
20	Mauda	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 Hazira Inj	Low
29	Goa Inj	Low
30	Gujarat Inj	Low
31	Gujarat W	Low
32	Madhya Pradesh W	Low
33	Mundra	Low
34	SSP	Low
35	TAPS 3&4	Low

**Slabs for PoC Losses - Southern Region  
(Apr'14-Jun'14)**

<b>Sl.No.</b>	<b>Name of Entity</b>	<b>Slab w.r.t Weighted Avg</b>
1	Karnataka W	High
2	Tamilnadu W	High
3	Andhra Pradesh Inj	Normal
4	Andhra Pradesh W	Normal
5	Kerala W	Normal
6	Simhadri 2	Normal
7	Goa Inj	Low
8	Goa W	Low
9	Kaiga	Low
10	Karnataka Inj	Low
11	Kerala Inj	Low
12	Kudankulam	Low
13	Lanco-Kondapalli	Low
14	NLC	Low
15	Pondy Inj	Low
16	Pondy W	Low
17	Ramagundam	Low
18	SEPL+MEPL	Low
19	Taminadu Inj	Low
20	Vallur	Low