

**Central Electricity Regulatory Commission**  
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(Tele No.23353503 Fax No.23753923)

No. Eco 1/2013-CERC

New Delhi

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**NOTIFICATION**

In pursuance of Clause 5.6 (vi) of Ministry of Power (MOP) Notification dated 19.01.2005 (as amended from time to time) on *Guidelines for Determination of Tariff by Bidding Process for Procurement of Power by Distribution Licensees*, the Central Electricity Regulatory Commission notifies the following rates and other parameters for the purpose of bid evaluation and payment.

**I: Annual Escalation Rates for Bid Evaluation (for bid opening up to 30.09.2013)**

<b>S.No</b>	<b>Description</b>	<b>Annual Escalation Rates for Bid Evaluation</b>
1	Escalation rate for domestic coal	6.62%
2	Escalation rate for domestic gas	6.00%
3	Escalation rates for different escalable sub-components of energy charge for plants based on imported coal	
3.1	Escalation Rate for coal sub-component	12.97%
3.2	Escalation Rate for transportation sub-component	16.43%
3.3	Escalation Rate for inland handling sub-component	5.85%
4	Escalation rate for inland transportation charges for coal	
4.1	Upto 100 Km distance	2.49%
4.2	Upto 500 Km distance	2.34%
4.3	Upto 1000 Km distance	2.18%
4.4	Upto 2000 Km distance	2.79%
4.5	Beyond 2000 Km distance	2.89%
5	Escalation rate for inland transportation charges for gas	2.09%
6	Escalation rates for different escalable sub-components of energy charge for plants based on imported gas	
6.1	Escalation Rate for gas sub-component	10.85%
6.2	Escalation Rate for transportation of gas sub-component	16.43%
6.3	Escalation Rate for inland handling sub-component	5.85%
7	Inflation rate to be applied to indexed capacity charge Component (annual escalation for O&M expenses)	5.85%
8	Inflation rate to be applied to indexed energy charge component in cases of captive fuel source	5.42%
9	Discount rate to be used for bid evaluation	13.10%
10	Dollar-Rupee exchange variation rate (annual escalation for the dollar)	-0.16%
11	Escalation for normative transmission charges	4.21%

**II: Annual Escalation Rates applicable for the purpose of payment as per the Power Purchase Agreement for the period between 01.04.2013 and 30.09.2013**

S.No	Description	Annual Escalation Rates for Payment
1	Escalation rate for domestic coal	0.00%
2	Escalation rate for domestic gas	9.56%
3	Escalation rates for different escalable sub-components of energy charge for plants based on imported coal	
3.1	Escalation Rate for imported coal	-15.12%
3.2	Escalation Rate for transportation of imported coal	-9.55%
3.3	Escalation Rate for inland handling of imported coal	9.98%
4	Escalation rates for inland transportation charges for coal	
4.1	Upto 100 Km distance	12.84%
4.2	Upto 500 Km distance	12.82%
4.3	Upto 1000 Km distance	12.81%
4.4	Upto 2000 Km distance	12.81%
4.5	Beyond 2000 Km distance	12.80%
5	Escalation rates for inland transportation charges for gas	0.00%
6	Escalation rates for different escalable sub-components of energy charge for plants based on imported gas	
6.1	Escalation Rate for imported gas	-13.71%
6.2	Escalation Rate for transportation of imported gas	-9.55%
6.3	Escalation Rate for inland handling of imported gas	9.98%
7	Inflation rate to be applied to indexed capacity charge component.	9.98%
8	Inflation rate to be applied to indexed energy charge component in cases of captive fuel source	9.82%

**III: Transmission Charges Matrix and Transmission Loss Matrix as per Format 5.10 & 5.11 of the RFP of Standard Bidding Document of Case-1 applicable between 01.04.2013 and 30.06.2013.**

III-A: Transmission Charges Matrix		
S.No.	Injection/Drawal Node	Applicable Transmission Charges (Paise/kWh)
<b>Northern Region</b>		
1	Haryana W	15.10
2	Punjab W	15.10
3	Rajasthan W	15.10
4	Rihand	15.10
5	Uttar Pradesh W	15.10
6	Uttarakhand W	15.10
7	Chamera II	13.10
8	Parbati III	13.10

9	Singrauli	13.10
10	Uttar Pradesh Inj	13.10
11	Chamera 1	11.10
12	Chamera Pooling Point	11.10
13	Chandigarh Inj	11.10
14	Chandigarh W	11.10
15	Dadri	11.10
16	Delhi Inj	11.10
17	Delhi W	11.10
18	Dulhasti	11.10
19	Haryana Inj	11.10
20	Himachal Pradesh Inj	11.10
21	Himachal Pradesh W	11.10
22	Jammu & Kashmir Inj	11.10
23	Jammu & Kashmir W	11.10
24	Karcham Wangtoo	11.10
25	Koteshwar	11.10
26	Nathpa Jhakri	11.10
27	Punjab Inj	11.10
28	RAAP C	11.10
29	Rajasthan Inj	11.10
30	Sree Cement	11.10
31	Tehri	11.10
32	Uri I	11.10
33	Uri II	11.10
34	Uttarakhand Inj	11.10
<b>Eastern Region</b>		
1	Bihar W	15.10
2	Kahalgaon	15.10
3	Orissa Inj	15.10
4	Teesta	15.10
5	DVC Inj	13.10
6	DVC W	13.10
7	Maithan Power Limited	13.10
8	Aadhunik power	11.10
9	Bihar Inj	11.10
10	Farakka	11.10
11	Injection from Bhutan	11.10
12	Jharkhand Inj	11.10
13	Jharkhand W	11.10

14	Orissa W	11.10
15	Sikkim Inj	11.10
16	Sikkim W	11.10
17	Sterlite	11.10
18	Talcher	11.10
19	West Bengal Inj	11.10
20	West Bengal W	11.10
<b>North Eastern Region</b>		
1	Assam Inj	15.10
2	Assam W	15.10
3	Mizoram Inj	15.10
4	Mizoram W	15.10
5	Nagaland W	15.10
6	Palatana	15.10
7	Ranganadi	15.10
8	Tripura Inj	15.10
9	Meghalaya W	13.10
10	Arunachal Pradesh Inj	11.10
11	Arunachal Pradesh W	11.10
12	Manipur Inj	11.10
13	Manipur W	11.10
14	Meghalaya Inj	11.10
15	Nagaland Inj	11.10
16	Tripura W	11.10
<b>Western Region</b>		
1	KSK Mahanadi	15.10
2	Madhya Pradesh W	15.10
3	Maharastra Inj	15.10
4	Maharastra W	15.10
5	Sasan UMPP	15.10
6	Sipat	15.10
7	Vindhyachal	15.10
8	ACB+Spectrum Coal and Power Limited	13.10
9	Balco	13.10
10	Goa-WR W	13.10
11	Gujarat Inj	13.10
12	Jindal PowerLimited+Jindal Steel Power Limited	13.10
13	Korba	13.10
14	Lanco	13.10
15	Mahan	13.10

16	NSPCL, Bhilai	13.10
17	Coastal Gujarat Power Limited	11.10
18	Chattisgarh Inj	11.10
19	Chattisgarh W	11.10
20	D&D Inj	11.10
21	D&D W	11.10
22	DNH Inj	11.10
23	DNH W	11.10
24	EMCO Energy Limited	11.10
25	Goa-WR Inj	11.10
26	Gujarat W	11.10
27	Madhya Pradesh Inj	11.10
28	Mauda	11.10
29	Sardar Sarovar Project	11.10
30	Tarapur Atomic Power Station 3&4	11.10
31	Vandana Vidyut	11.10
<b>Southern Region</b>		
1	Andhra Pradesh W	12.86
2	Kerala Inj	12.86
3	Kudankulam	12.86
4	SEPL+MEPL	12.86
5	Tamil Nadu Inj	12.86
6	Andhra Pradesh Inj	10.86
7	Tamil Nadu W	10.86
8	Kerala W	10.86
9	Karnataka W	10.86
10	Goa-SR W	10.86
11	Simhadri 2	10.86
12	Goa-SR Inj	8.86
13	Injection from Talcher	8.86
14	Kaiga	8.86
15	Karnataka Inj	8.86
16	Lanco-Kondapalli	8.86
17	NLC	8.86
18	Pondicherry Inj	8.86
19	Pondicherry W	8.86
20	Ramagundam	8.86
21	Vallur	8.86

<b>III-B(i): Transmission Loss Matrix: Identifying Loss Category for Various Nodes</b>		
<b>S.No.</b>	<b>Injection/Drawal Node</b>	<b>Loss Category</b>
<b>Northern Region</b>		
1	Rihand	High
2	Singrauli	High
3	Uttarakhand W	High
4	Chamera I	Normal
5	Chamera II	Normal
6	Delhi W	Normal
7	Dulhasti	Normal
8	Haryana W	Normal
9	Punjab W	Normal
10	Rajasthan W	Normal
11	Uttar Pradesh Inj	Normal
12	Uttar Pradesh W	Normal
13	Chamera Pooling Point	Low
14	Chandigarh Inj	Low
15	Chandigarh W	Low
16	Dadri	Low
17	Delhi Inj	Low
18	Haryana Inj	Low
19	Himachal Pradesh Inj	Low
20	Himachal Pradesh W	Low
21	Jammu & Kashmir Inj	Low
22	Jammu & Kashmir W	Low
23	Karcham Wangtoo	Low
24	Koteshwar	Low
25	Nathpa Jhakri	Low
26	Parbati III	Low
27	Punjab Inj	Low
28	Rajasthan Inj	Low
29	RAPP C	Low
30	Shree Cement	Low
31	Tehri	Low
32	Uri I	Low
33	Uri II	Low
34	Uttarakhand Inj	Low
<b>Eastern Region</b>		
1	Kahalgaon	High
2	Sterlite	High
3	West Bengal Inj	Normal
4	Orissa Inj	Normal
5	DVC Inj	Normal

6	Injection from Bhutan	Normal
7	Farakka	Normal
8	Teesta	Normal
9	West Bengal W	Normal
10	Orissa W	Normal
11	DVC W	Normal
12	Bihar W	Normal
13	Sikkim W	Normal
14	Talcher	Normal
15	Maithon Power Limited	Normal
16	Aadhunik Power	Normal
17	Bihar Inj	Low
18	Jharkhand Inj	Low
19	Jharkhand W	Low
20	Sikkim Inj	Low
<b>North Eastern Region</b>		
1	Meghalaya W	High
2	Mizoram W	High
3	Palatana	High
4	Assam Inj	Normal
5	Assam W	Normal
6	Manipur W	Normal
7	Meghalaya Inj	Normal
8	Mizoram Inj	Normal
9	Nagaland W	Normal
10	Ranganadi	Normal
11	Tripura Inj	Normal
12	Arunachal Pradesh Inj	Low
13	Arunachal Pradesh W	Low
14	Manipur Inj	Low
15	Nagaland Inj	Low
16	Tripura W	Low
<b>Western Region</b>		
1	ACB+Spectrum Coal and Power Limited	High
2	Goa W	High
3	Jindal Power Limited+Jindal Steel Power Limited	High
4	Korba	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 Energy Limited	Normal
14	Gujarat W	Normal
15	Madhya Pradesh W	Normal
16	Mahan	Normal
17	Maharashtra Inj	Normal
18	Mauda	Normal
19	Sasan UMPP	Normal
20	Vandana Vidyut	Normal
21	Vindhyachal	Normal
22	Chhatisgarh W	Low
23	D&D Inj	Low
24	DNH Inj	Low
25	Goa Inj	Low
26	Gujarat Inj	Low
27	Madhya Pradesh Inj	Low
28	Coastal Gujarat Power Limited	Low
29	NSPCL, Bhilai	Low
30	Sardar Sarovar Project	Low
31	Tarapur Atomic Power Station 3&4	Low
<b>Southern Region</b>		
1	Andhra Pradesh Inj	High
2	Injection at Kolar*	High
3	Kerala W	High
4	Lanco-Kondapalli	High
5	Simhadri 2	High
6	Andhra Pradesh W	Normal
7	Karnataka Inj	Normal
8	Karnataka W	Normal
9	Kudankulam	Normal
10	Ramagundam	Normal
11	SEPL+MEPL	Normal
12	Tamilnadu W	Normal
13	Goa Inj	Low
14	Goa W	Low
15	Kaiga	Low
16	Kerala Inj	Low
17	NLC	Low
18	Pondicherry Inj	Low
19	Pondicherry W	Low
20	Tamilnadu Inj	Low
21	Vallur	Low

\* On Account of HVDC Talcher – Kolar Losses



<b>III-B(ii): Transmission Loss Matrix: Loss Figure in Percentage</b>				
<b>S.No.</b>	<b>Region</b>	<b>Low Loss Category (%)</b>	<b>Normal Loss Category (%)</b>	<b>High Loss Category (%)</b>
1	Northern	1.38	1.68	1.98
2	Western	1.54	1.84	2.14
3	Eastern	1.07	1.37	1.67
4	North-East	1.41	1.71	2.01
5	Southern	1.88	2.18	2.48

The CERC is now notifying the PoC slab rates and PoC slab losses on quarterly basis. Therefore, the transmission charges and loss matrix has been notified for the period April to June 2013 only. The transmission charges and loss matrix applicable for the period from July to September 2013 will be notified after the issue of CERC order on PoC slab rates and PoC slab losses for the same period.

(Rajiv Bansal)  
Secretary