

Power System Operation Corporation Ltd.

National Load Despatch Center, New Delhi

Dated: 24th December 2018

Implementation of Deviation Settlement Mechanism and related matters

(Fourth Amendment) Regulations, 2018

CERC has notified the Deviation Settlement Mechanism and Related Matters (Fourth Amendment) Regulations, 2018 on the 20th November 2018. These regulations shall come into force with effect from 1st January 2019.

National Load Despatch Centre (NLDC) has been designated as the Nodal Agency to declare the daily DSM rates with suitable information dissemination through its website. NLDC shall be publishing the DSM rates on the NLDC website and these DSM rates shall be applicable for the next day. The exact weblink of the DSM rates on POSOCO website is <https://posoco.in/Market/dsm-rates/>.

A sample format is attached for reference (Annexure-I).

DSM rates based on the "Area Clearing Price (ACP)" in accordance with the 4th Amendment Regulations are being made available on POSOCO website from 25th December-2018 onwards. These prices are for informational purposes only and shall not be used for settlement of DSM till 31st December'2018.

The DSM rates in accordance with the Deviation Settlement Mechanism and related matters (Fourth Amendment) Regulations, 2018 shall be applicable w.e.f 01st January 2019.

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राष्ट्रीय भार प्रेषण केंद्र,
बी-9 (प्रथम तल), कुतुब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली-110016

Date of Issue: DD/MM/YYYY

Average Frequency of the time block (Hz)		Charges for Deviation (Paise/kWh) applicable for: DD - MONTH - 20XX													
Below	Not Below	A1	A2	E1	E2	N1	N2	N3	S1	S2	S3	W1	W2	W3	Inter-Regional/ Cross-Border
	50.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50.05	50.04	63.93	63.93	63.93	63.93	63.93	63.93	63.93	71.26	71.26	71.26	63.93	63.93	63.93	65.49
50.04	50.03	127.86	127.86	127.86	127.86	127.86	127.86	127.86	142.52	142.52	142.52	127.86	127.86	127.86	130.98
50.03	50.02	191.78	191.78	191.78	191.78	191.78	191.78	191.78	213.78	213.78	213.78	191.78	191.78	191.78	196.47
50.02	50.01	255.71	255.71	255.71	255.71	255.71	255.71	255.71	285.71	285.71	285.71	255.71	255.71	255.71	261.96
50.01	50.00	319.64	319.64	319.64	319.64	319.64	319.64	319.64	356.30	356.30	356.30	319.64	319.64	319.64	327.45
50.00	49.99	349.66	349.66	349.66	349.66	349.66	349.66	349.66	384.03	384.03	384.03	349.66	349.66	349.66	356.98
49.99	49.98	379.68	379.68	379.68	379.68	379.68	379.68	379.68	411.76	411.76	411.76	379.68	379.68	379.68	386.52
49.98	49.97	409.71	409.71	409.71	409.71	409.71	409.71	409.71	439.49	439.49	439.49	409.71	409.71	409.71	416.05
49.97	49.96	439.73	439.73	439.73	439.73	439.73	439.73	439.73	467.22	467.22	467.22	439.73	439.73	439.73	445.59
49.96	49.95	469.75	469.75	469.75	469.75	469.75	469.75	469.75	494.96	494.96	494.96	469.75	469.75	469.75	475.12
49.95	49.94	499.78	499.78	499.78	499.78	499.78	499.78	499.78	522.69	522.69	522.69	499.78	499.78	499.78	504.66
49.94	49.93	529.80	529.80	529.80	529.80	529.80	529.80	529.80	550.42	550.42	550.42	529.80	529.80	529.80	534.19
49.93	49.92	559.82	559.82	559.82	559.82	559.82	559.82	559.82	578.15	578.15	578.15	559.82	559.82	559.82	563.73
49.92	49.91	589.84	589.84	589.84	589.84	589.84	589.84	589.84	605.88	605.88	605.88	589.84	589.84	589.84	593.26
49.91	49.90	619.86	619.86	619.86	619.86	619.86	619.86	619.86	633.61	633.61	633.61	619.86	619.86	619.86	622.79
49.90	49.89	649.89	649.89	649.89	649.89	649.89	649.89	649.89	661.34	661.34	661.34	649.89	649.89	649.89	652.33
49.89	49.88	679.91	679.91	679.91	679.91	679.91	679.91	679.91	689.08	689.08	689.08	679.91	679.91	679.91	681.86
49.88	49.87	709.93	709.93	709.93	709.93	709.93	709.93	709.93	716.81	716.81	716.81	709.93	709.93	709.93	711.40
49.87	49.86	739.96	739.96	739.96	739.96	739.96	739.96	739.96	744.54	744.54	744.54	739.96	739.96	739.96	740.93
49.86	49.85	769.98	769.98	769.98	769.98	769.98	769.98	769.98	772.27	772.27	772.27	769.98	769.98	769.98	770.47
49.85		800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00

SAMPLE FORMAT FOR INFORMATIONAL PURPOSE

Average ACP/UMCP (Paise/kWh)	A1	A2	E1	E2	N1	N2	N3	S1	S2	S3	W1	W2	W3	UMCP
	319.64	319.64	319.64	319.64	319.64	319.64	319.64	356.30	356.30	356.30	319.64	319.64	319.64	327.45

	Cleared Volume (in MU)	Market Share
IEX	100.2	100%
PXIL	0.00	0%
Total	100.2	100%

Note 1. The Charges for Deviation are declared in compliance of CERC (Deviation Settlement Mechanism and related matters) (Fourth Amendment) Regulations, 2018
 2. Average Area Clearing Price (ACP) / Unconstrained Market Clearing Price (UMCP) shown above is based on, as the case may be, IEX/PXIL/Weighted Average Day-Ahead Prices

Bid Areas and States covered under Bid-Areas

Sr. No.	Bid Area	Region	States covered under Bid Area
1	N1	North Region	Jammu and Kashmir, Himachal Pradesh, Chandigarh, Haryana
2	N2	North Region	Uttar Pradesh , Uttaraanchal, Rajasthan, Delhi
3	N3	North Region	Punjab
4	E1	East Region	West Bengal, Sikkim, Bihar, Jharkhand
5	E2	East Region	Orissa
6	W1	West Region	Madhaya Pradesh
7	W2	West Region	Maharashtra, Gujarat, Daman and Diu, Dadar and Nagar Haveli, North Goa
8	W3	West Region	Chhattisgarh
9	S1	South Region	Andhra Pradesh, Telangana, Karnataka, South Goa
10	S2	South Region	Tamil Nadu, Puducherry
11	S3	South Region	Kerala
12	A1	North East Region	Tripura, Manipur, Mizoram, Nagaland
13	A2	North East Region	Assam, Arunachal Pradesh, Meghalaya
14	UMCP	All India	For Inter-Regional / Cross Border

Note: For Regional Entity, Charges for Deviation shall be applicable as per their respective Bid Area.

Extracts from CERC (Deviation Settlement Mechanism and Related Matters) (Fourth Amendment) Regulations, 2018

DSM Price Vector

Average Frequency of the time block (Hz)		Charges for Deviation (Paise/kWh)
Below	Not Below	
	50.05	0.00
50.05	50.04	1xP/5
50.04	50.03	2xP/5
50.03	50.02	3xP/5
50.02	50.01	4xP/5
50.01	50.00	P
50.00	49.99	50.00+15xP/16
49.99	49.98	100.00+14xP/16
49.98	49.97	150.00+13xP/16
49.97	49.96	200.00+12xP/16
49.96	49.95	250.00+11xP/16
49.95	49.94	300.00+10xP/16
49.94	49.93	350.00+9xP/16
49.93	49.92	400.00+8xP/16
49.92	49.91	450.00+7xP/16
49.91	49.90	500.00+6xP/16
49.90	49.89	550.00+5xP/16
49.89	49.88	600.00+4xP/16
49.88	49.87	650.00+3xP/16
49.87	49.86	700.00+2xP/16
49.86	49.85	750.00+1xP/16
49.85		800.00

Where P is the Daily average Area Clearing Price in paisa per kwh discovered in the Day Ahead Market segment of power exchange.