

**CHHATISGARH STATE POWER TRANSMISSION COMPANY LIMITED**

छत्तीसगढ़ राज्य विद्युत पारेषण कंपनी मर्यादित

(C.G. Govt. Undertaking) (छत्तीसगढ़ शासन का एक उपक्रम)

**BACKUP STATE LOAD DESPACH CENTER: KHEDAMARA, BHILAI**

बैकअप छत्तीसगढ़ राज्य भार प्रेषण केंद्र: खेदामारा, भिलाई

**Web Site: www.sldccg.com** E-mail:- **backupldcg@sldccg.com**

Phone No. 0788-2282025

03-02-/EE/LD/Backup/.999

Bhilai, Date ... 17/01/24

To,

The Executive Director  
SLDC, CSPTCL,  
Dangania, Raipur.


**Sub: -** Weekly Report for week # 01\_01/01/2024 to 07/01/2024 & week #  
02\_08/01/2024 to 14/01/2024.

Please find the enclosed weekly reports for week # 01\_01/01/2024  
to 07/01/2024 & week # 02\_08/01/2024 to 14/01/2024 for further  
needful action.

ANC

Executive Engineer  
O/o SE Backup SLDC, CSPTCL,  
Khedamara, Bhilai.

ok  
[Signature]

 <small>CIN-U40108CT2003SGC015820</small>	<b>CHHATTISGARH STATE POWER TRANSMISSION</b> <b>(C.G. Govt. Undertaking)</b> <b>STATE LOAD DESPATCH CENTRE: RAIPUR</b> PHONE: 0771 - 2574172, FAX NO. 0771- 2574174. Website: www.sldccg.com Email - csebsldc@sldccg.com
	<b><u>WEEKLY REPORT</u></b>
	Year: 2023                                  Week No:                    1                                  Period:                    01-01-2024 To 07-01-2024

i) **FREQUENCY PROFILE (in Hz) :**

01-01-2024 To 07-01-2024			
DATE	MAXIMUM	AVERAGE	MINIMUM
1-Jan-24	50.20	50.01	49.77
2-Jan-24	50.06	49.99	49.81
3-Jan-24	50.08	49.98	49.79
4-Jan-24	50.06	50.00	49.87
5-Jan-24	50.08	50.00	49.83
6-Jan-24	50.14	50.00	49.78
7-Jan-24	50.14	50.02	49.86
MAX	50.20		
AVG		50.00	
MIN			49.77

Note:- The frequency profile is as per the 15-min data recorded in SCADA at SLDC

ii) A. **VOLTAGE PROFILE (of 400 KV BUSES):**

DATE	AVG / MIN / MAX	400 KV Khedamara	400 KV Jagdalpur	400 KV Korba West	400 KV Kurud	400 KV ABVTIPS	400 KV Raita
1-Jan-24	MAXIMUM	417	431	422	421	426	422
	AVERAGE	412	421	418	413	422	416
	MINIMUM	405	409	413	403	418	409
2-Jan-24	MAXIMUM	416	432	423	422	426	420
	AVERAGE	411	421	418	413	422	415
	MINIMUM	404	408	412	402	417	408
3-Jan-24	MAXIMUM	416	429	423	418	426	422
	AVERAGE	410	420	419	409	421	415
	MINIMUM	403	410	415	402	417	408
4-Jan-24	MAXIMUM	416	429	423	N/A	426	422
	AVERAGE	410	419	420		422	416
	MINIMUM	404	391	415		417	408
5-Jan-24	MAXIMUM	417	431	424		427	422
	AVERAGE	411	421	420		423	416
	MINIMUM	405	410	416		418	410
6-Jan-24	MAXIMUM	417	432	425		427	423
	AVERAGE	413	423	421		424	418
	MINIMUM	407	412	416		420	412
7-Jan-24	MAXIMUM	418	433	425	428	424	
	AVERAGE	413	424	421	424	418	
	MINIMUM	406	413	415	419	412	
% of Time of Occurance <380 KV		0.00	0.00	0.00	0.00	0.00	0.00
% of Time of Occurance between 380 & 420 KV		100.00	39.88	51.19	91.24	25.00	76.93
% of Time of Occurance >420 KV		0.00	60.12	48.81	8.76	75.00	23.07
Note:-	1. The voltage profile of stations upto 400 KV have been provided whose telemetry is available in SCADA.						
	2. % of Time of Occurance of 400 KV sub-station is calculated only for the duration when the healthy data was available						
	3. 400 KV Kurud-Jagdalpur line was kept open due to high voltage at 400 KV Jagdalpur end and the line reactor was made Bus reactor at 400 KV S/s Jagdalpur.						

ii) B. **VOLTAGE PROFILE (of 220 KV BUSES):**

DATE	AVG / MIN / MAX	220 KV Banari	220 KV Barsoor	220 KV Khedamara	220 KV Bhatapara	220 KV Chhuri	220 KV Doma	220 KV DSPM	220 KV Gurur	220 KV Jagdalpur	220 KV Korba East	220 KV Korba West	220 KV Kurud (Dhamtari)	220 KV Marwa	220 KV Paraswani	220 KV Raita	220 KV Siltara	220 KV Kuthrel	220 KV Narayanpur	220 KV Raigarh
1-Jan-24	MAXIMUM	236	232	232	230	235	233	236	231	234	235	237	233	233	229	232	230	228	235	234
	AVERAGE	233	225	229	225	233	229	234	223	227	233	234	227	230	222	227	226	224	228	230
	MINIMUM	229	216	225	220	229	224	231	215	220	230	230	220	227	215	222	221	219	219	225
2-Jan-24	MAXIMUM	236	232	231	229	235	232	236	231	234	235	238	233	233	228	231	230	228	235	233
	AVERAGE	233	225	228	225	232	228	234	223	228	233	234	227	230	222	227	226	224	228	229
	MINIMUM	229	215	225	219	229	223	230	215	219	230	230	219	226	214	221	220	218	218	224
3-Jan-24	MAXIMUM	236	231	231	229	235	232	236	230	233	235	237	229	233	227	231	229	228	234	233
	AVERAGE	232	225	228	224	232	227	233	223	227	232	233	225	229	220	226	225	223	227	229
	MINIMUM	226	217	224	218	228	222	229	215	221	229	229	220	224	213	221	220	218	220	225
4-Jan-24	MAXIMUM	236	230	231	228	235	232	236	230	233	235	237	225	233	227	230	229	227	233	233
	AVERAGE	232	223	228	224	232	228	233	223	226	232	234	225	230	221	226	225	223	226	229
	MINIMUM	227	209	224	218	228	222	230	209	212	230	229	225	225	210	221	220	218	214	225
5-Jan-24	MAXIMUM	236	231	231	228	235	232	236	230	234	235	237	225	233	227	232	230	229	234	232
	AVERAGE	232	225	228	223	232	228	234	224	228	233	234	225	230	220	227	225	224	228	229
	MINIMUM	228	218	224	218	229	222	230	217	221	230	230	225	226	211	221	219	218	220	224
6-Jan-24	MAXIMUM	236	231	231	228	235	232	236	231	234	235	237	225	233	228	231	230	228	235	233
	AVERAGE	233	226	228	223	233	229	234	225	229	233	235	225	230	221	228	226	225	229	229
	MINIMUM	229	218	225	218	230	224	231	219	222	231	231	225	227	214	224	222	221	221	225
7-Jan-24	MAXIMUM	236	232	232	229	235	233	236	231	234	235	238	225	234	229	232	231	229	235	233
	AVERAGE	233	226	229	224	233	229	234	225	229	233	235	225	231	222	228	227	225	229	230
	MINIMUM	229	219	225	218	230	224	231	219	222	231	231	225	227	214	222	222	219	221	225
% of Time of Occurance <198 KV		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	0.00	0.00	0.00	0.00	0.00
% of Time of Occurance between 198 & 245 KV		100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
% of Time of Occurance >245 KV		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	0.00	0.00	0.00	0.00	0.00
Note:	1. The voltage profile of stations upto 220 KV have been provided whose telemetry is available in SCADA.																			
	2. % of Time of Occurance of 220 KV sub-station is calculated only for the duration when the healthy data was available																			

iii) (a) Major Generating unit outages

OUTAGES OF STATE GENERATING STATIONS									
Week No: 1									
01-01-2024 To 07-01-2024									
S.N	Station	Unit No.	INSTALLED CAPACITY (IN MW)	NO.OF TRIPPINGS	OUTAGE DATE & TIME	SYN. DATE & TIME	OUTAGE (HH:MM:SS)	GENERATION LOSS(IN MU)	REASON
1	HTPS	1	210	-	-	-	-	-	-
		2	210	1	11:01 01/01/2024	16:05 02/01/2024	05:04	6.104	BTL
		3	210	-	-	-	-	-	-
		4	210	1	10:00 07/01/2024	11:42 07/01/2024	01:42	0.357	MASTER FUEL RELAY OPERATED
		5	500	1	09:04 05/01/2024	16:08 06/01/2024	-	-	BTL
2	DSPM	1	250	1	07:46 03/01/2024	15:17 04/01/2024	07:31	7.879	BTL
		2	250	-	-	-	-	-	-
3	ABVTPS	1	500	-	-	-	-	-	-
		2	500	-	-	-	-	-	-
<b>Total</b>				<b>4</b>			<b>62:17:00</b>	<b>14.340</b>	

**iii. (b) Major Shutdown in Transmission line**

400 KV					
S. No.	Date	Name of the Transmission Elements	From [ (mm/dd/yy) hh:mm ]	To [ (mm/dd/yy) hh:mm ]	Outage Hours (hh:mm:ss)
1	03-Jan-24	400 KV BHILAI - KORBA EXT. NO. I	09:49	17:25	07:36
2	04-Jan-24	400 KV RAITA - KURUD CKT	10:52	15:59	05:07

220 KV					
S. No.	Date	Name of the Transmission Elements	From [ (mm/dd/yy) hh:mm ]	To [ (mm/dd/yy) hh:mm ]	Outage Hours (hh:mm:ss)
1	03-Jan-24	160 MVA X-MER NO. I AT 220 KV S/S SARAIPALI	10:34	17:51	07:17
2	03-Jan-24	160 MVA XMER No.I AT 220 KV S/S KEB	10:50	15:42	04:52
3	04-Jan-24	220 KV DSPM - MOPKA CKT NO. II	04-01-2024 11:04	06-01-2024 15:13	04:09
4	04-Jan-24	160 MVA X-MER NO. II AT 220 KV S/S KEB	10:28	15:28	05:00
5	05-Jan-24	160 MVA X-MER NO. II AT 220 KV S/S SARAIPALI	10:27	18:22	07:55
6	05-Jan-24	220 KV TRANSFER BUS AT 220 KV DSPM	10:51	17:40	06:49
7	05-Jan-24	160 MVA X-MER NO. I AT 220 KV S/S BHATAPARA	10:42	12:13	01:31
8	05-Jan-24	220 KV DSPM TPS - KORBA EAST CKT NO. I	11:34	11:42	00:08
9	05-Jan-24	160 MVA X-MER NO. II AT 220 KV S/S BHATAPARA	14:15	16:17	02:02

132 KV					
S. No.	Date	Name of the Transmission Elements	From [ (mm/dd/yy) hh:mm ]	To [ (mm/dd/yy) hh:mm ]	Outage Hours (hh:mm:ss)
1	02-Jan-24	40 MVA XMER No.I AT 132 KV S/S PULGAON	10:22	15:26	05:04
2	02-Jan-24	40 MVA XMER No.I AT 220 KV S/S KOTMIKALA	10:22	16:52	06:30
3	03-Jan-24	132 KV MAIN BUS AT 132 KV S/S RAJIM	09:00	19:00	10:00
4	03-Jan-24	40 MVA XMER No.II AT 132 KV S/S PULGAON	10:32	15:49	05:17

5	03-Jan-24	132 KV MAGARLOAD - GARIYABAND CKT NO. I	13:37	15:52	02:15
6	04-Jan-24	132 KV KORBA EAST - JAMNIPALI CKT NO. I	09:52	17:35	07:43
7	04-Jan-24	132 KV BALODA BAZAR - AMBUJA CEMENT LTD	04-01-2024 14:34	06-01-2024 15:54	01:20
8	04-Jan-24	132 KV MAIN BUS & 33 KV MAIN BUS AT 132 KV S/S DHAMTARI	12:00	15:19	03:19
9	05-Jan-24	40 MVA X-MER NO. I AT 132 KV S/S BILASPUR	10:01	11:40	01:39
10	05-Jan-24	40 MVA X-MER NO. I AT 132 KV S/S KORBA (OLD 100MW)	10:05	17:04	06:59
11	06-Jan-24	40 MVA X-MER NO. II AT 132 KV S/S RAJIM	09:10	CONTD	-
12	06-Jan-24	132 KV GURUR - DALLIRAJHARA CKT	10:02	16:53	06:51
13	06-Jan-24	40 MVA X-MER NO. I AT 132 KV S/S KEB	14:32	17:57	03:25
14	07-Jan-24	40 MVA X-MER NO. I AT 132 KV S/S SARANGARH	09:41	13:27	03:46
15	07-Jan-24	63 MVA X-MER AT 132 KV S/S RAWANBHATA	11:35	12:20	00:45
16	07-Jan-24	40 MVA X-MER NO. II AT 132 KV S/S SARANGARH	13:31	17:32	04:01

**iii. (c) Tripping of Major Transmission Elements :**

400 KV					
S. No.	Date	Name of the Transmission Elements	From [ (mm/dd/yy) hh:mm ]	To [ (mm/dd/yy) hh:mm ]	Outage Hours (hh:mm:ss)
NIL					

220 KV					
S. No.	Date	Name of the Transmission Elements	From [ (mm/dd/yy) hh:mm ]	To [ (mm/dd/yy) hh:mm ]	Outage Hours (hh:mm:ss)
1	03-Jan-24	220 KV MOPKA - DSPM CKT	00:26	01:00	00:34
2	03-Jan-24	220 KV GURUR - BARSOOR CKT	19:16	19:33	00:17
3	04-Jan-24	220 KV BHILAI - GURUR CKT NO. I	09:40	10:27	00:47

132 KV					
S. No.	Date	Name of the Transmission Elements	From [ (mm/dd/yy) hh:mm ]	To [ (mm/dd/yy) hh:mm ]	Outage Hours (hh:mm:ss)
1	03-Jan-24	132 KV MUNGELI - PANDARIYA CKT	09:36 03/01/2024	05-01-2024 17:33	07:57
2	03-Jan-24	132 KV SUHELA - SHREE CEMENT CKT	14:20	17:02	02:42
3	04-Jan-24	132 KV KURUD - DHAMTARI CKT	09:40	10:10	00:30
4	04-Jan-24	132 KV KURUD - GURUR CKT	09:40	10:10	00:30
5	06-Jan-24	40 MVA X-MER NO. I AT 220 KV S/S BHATAPARA	12:31	17:52	05:21
7	07-Jan-24	132 KV KHARMORA - KEB CKT NO. I	06:54	10:34	03:40
8	07-Jan-24	132 KV RAIGARH - ADBHAR CKT	10:25	15:27	05:02

iv Transmission Constraints (if any)					
S.N	Lines Opened	From	To	Remarks	
1	132 KV BHILAI - SIMGA CKT	16:59 24/11/2021	-	-	
2	132 KV KOTMIKALA - MANENDRAGARH CKT N	09:29 09/07/2022	-	FOR LOAD MANAGE	

3	132 KV KURUD - RASMADA CKT	11:32 03/09/2022	-	-
4	132-PULGAON-THELKADIH-CKT1	15:57 01/02/2023	-	FOR LOAD MANAGE
5	132-KACHANA -SILTARA-CKT1	11:00 15/012/2022	-	FOR LOAD MANAGE
6	132-GERWANI-RAIGARH_220-CKT2	10:26 23/12/2022	-	S/D FOR 160 MVA X-MER NO. I AT 220 KV S/S RAIGARH
7	132-GERWANI-RAIGARH_220-CKT1	10:25 23/12/2022	-	-
8	132-MANENDRAGARH-KOTMIKALA-CKT1	15:27 23/12/2022	-	-
9	132-DHAMDHA -RASMADA-CKT	13:01 10/04/2023	-	FOR LOAD MANAGE
10	132 KV GUNDERDEHI - RUABANDHA CKT	15:06 14/06/2023	-	-
11	132 KV SARANGARH - KONDATARAI CKT	11:40 30/04/2023	-	-
12	132 KV CHAMPA - CHAPLE CKT	11:23 30/04/2023	-	-
13	132 KV JAJAIPUR - ADBHAR CKT	20:29 30/06/2023	-	-
14	220 KV CHHURI - KOTMIKALA CKT NO. I	10:37 29/05/2023	-	-
15	132 KV BERLA - BHILAI CKT	17:40 14/06/2023	-	-
16	220 KV MOPKA - DHARDEHI CKT NO. II	12:17 22/06/2023	-	-
17	132 KV RENKI - KONI CKT	13:10 22/06/2023	-	-
18	132 KV BISHRAMPUR - BAIKUNTHPUR CKT	11:31 15/07/2023	-	FOR S/D ON 160 MVA X-MER NO. II AT 220 KV S/S BISHRAMPUR
19	132 KV AMBIKAPUR - BATAULI CKT	11:33 15/07/2023	-	-
20	132 KV KUHERA - MANDIR HASAUD CKT	20:36 09/08/2023	-	-
21	132 KV SARANGARH - BARAMKELA CKT	16:48 24/08/2023	-	-
22	132 KV KE - RENKI CKT	10:30 09/10/2023	-	-
23	132 KV KE - MOPKA CKT	10:36 09/10/2023	-	-
29	132 KV ADBHAR - JAJAIPUR CKT	10:13 11/10/2023	-	-
30	132 KV JAJAIPUR - ADBHAR CKT	21:56 12/10/2023	-	-
31	132 KV SARANGARH - SARAIPALI CKT NO. I & II	'10:21 21/11/2023	-	-
32	220 KV SUHELA - BANARI CKT	'11:00 21/11/2023	-	-
33	132 KV PATHALGAON - BATAULI CKT	'16:45 09/12/2023	-	-
34	220 KV KOTMIKALA - CHHURI CKT CKT	10:21 14/12/2023	-	-



35	132 KV BHATAPARA - LAFARGE CKT	'15:06 23/12/2023	-	-
36	132 KV SARANGARH - KONDATARAI CKT	'16:42 30/12/2023	-	-
37	132 KV SARANGARH - BARAMKELA CKT	'16:42 30/12/2023	-	-
38	132 KV KEB (100) - MOPKA CKT	10:16 03/01/2024	15:54 03/01/2024	-
39	132 KV KEB (100) - KHARMORA CKT NO.I	10:28 03/01/2024	16:00 03/01/2024	-
40	132 KV BASNA - SARAIPALI CKT	10:29 03/01/2024	17:58 03/01/2024	-
41	132 KV SANKRA - SARAIPALI CKT	10:29 03/01/2024	17:58 03/01/2024	-
42	132 KV KEB (100) - KHARMORA CKT NO.II	10:44 03/01/2024	16:01 03/01/2024	-
43	132 KV SARAIPALI - BASNA CKT	10:18 05/01/2024	18:25 05/01/2024	-
44	132 KV SARAIPALI - SANKARA CKT	10:18 05/01/2024	18:25 05/01/2024	-
45	132 KV GUNDERDEHI - BALOD CKT	09:51 06/01/2024	17:12 06/01/2024	-
46	132 KV JAJAIPUR - ADBHAR CKT	15:44 07/01/2024	-	-

V)	<b>Instances of persistent/significant non compliance of the Grid Code:</b>	The monthly data of non compliance of BDI is being sent seperately.
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vi) **Addition of new grid elements:**

S.No	DATE	TIME	NAME OF SUB STATION	NAME OF CHARGED EQUIPMENTS & LINES	REMARKS
1	3-Jan-24	14:00	220/132 KV PGCIL SUHELA S/S	132 KV SUHELA - SHREE CEMENT SOLAR PLANT CKT	FIRST TIME CHARGED
2	3-Jan-24	17:25	132 KV S/S SHREE CEMENT SOLAR PLANT	50/60 MVA X-MER	FIRST TIME CHARGED
3	6-Jan-24	11:53	132 KV S/S RAWANBHATA	63 MVA X-MER	FIRST TIME CHARGED
4	6-Jan-24	11:54	132 KV BALODA BAZAAR S/S	132 KV SUHELA - BALODABAZAR CKT NO. II	FIRST TIME CHARGED

vii) Grid Disturbance :

DETAILS OF ENERGY NOT SERVED DUE TO GRID DISTURBANCE IN RESPECT OF CHHATTISGARH SYSTEM FOR THE PERIOD									
01-01-2024 To 07-01-2024									
S.N	DATE	TIME OF OCCURRENCE	CATEGORY GD-1 TO GD-5, GI-1 - GI-2	BLACK OUT AT BUS	RESTORATION TIME	MW AFFECTED	DURATION OF INTERUPTION (IN HRS: MIN)	ENERGY NOT SUPPLIED (MUs)	REMARKS
NIL									

AKC

EXECUTIVE ENGINEER  
O/o SE (BACKUP SLDC) KHEDAMARA  
CSPTCL, BHILAI

o/c