

**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/902

Bhilai, Date 31/01/24

To,

The Executive Director  
SLDC, CSPTCL,  
Dangania, Raipur.

**Sub:** - Weekly Report for week # 03\_15/01/2024 to 21/01/2024 & week # 04\_22/01/2024 to 28/01/2024.

Please find the enclosed weekly reports for week # 03\_15/01/2024 to 21/01/2024 & week # 04\_22/01/2024 to 28/01/2024 for further needful action.

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

*d/c*  
*Ans*



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
15-Jan-24	MAXIMUM	235	231	231	228	234	231	235	230	233	234	236	232	233	227	231	228	228	233	232
	AVERAGE	232	223	228	223	232	226	233	221	227	232	233	225	230	219	226	224	223	226	227
	MINIMUM	227	214	224	217	229	221	230	212	219	230	229	218	226	211	221	219	218	216	222
16-Jan-24	MAXIMUM	236	231	231	228	235	231	236	230	234	234	237	233	N/A	227	232	229	229	235	231
	AVERAGE	232	223	228	223	232	227	233	222	227	232	234	226		220	227	224	224	226	227
	MINIMUM	227	213	224	217	229	221	230	211	218	230	230	217		212	221	219	218	215	223
17-Jan-24	MAXIMUM	236	232	231	228	235	231	236	230	234	234	237	233		228	232	228	229	235	231
	AVERAGE	232	224	228	222	232	227	233	222	227	232	234	226		219	226	224	224	226	227
	MINIMUM	227	213	225	215	228	221	230	211	218	230	229	217		210	221	219	218	215	222
18-Jan-24	MAXIMUM	237	233	232	228	235	232	236	231	236	235	237	234		228	232	229	229	237	231
	AVERAGE	233	225	229	223	233	228	234	223	228	233	234	226		221	228	225	225	227	228
	MINIMUM	230	215	226	219	230	223	232	213	220	231	226	219		214	223	220	220	217	224
19-Jan-24	MAXIMUM	236	233	232	228	235	232	235	232	236	234	237	234		229	233	229	230	236	232
	AVERAGE	233	225	229	223	232	228	233	223	228	232	233	226		221	227	225	224	227	227
	MINIMUM	228	213	225	217	229	222	230	211	218	230	229	217		212	221	219	219	215	223
20-Jan-24	MAXIMUM	237	231	232	227	234	232	235	230	233	234	235	233	234	229	232	229	229	235	232
	AVERAGE	233	225	229	223	231	228	232	223	228	231	231	227	226	214	224	221	221	219	224
	MINIMUM	228	217	227	217	226	224	227	215	222	228	226	221	226	214	224	221	221	219	224
21-Jan-24	MAXIMUM	236	232	233	228	234	233	235	231	230	234	236	233	234	229	232	231	230	235	232
	AVERAGE	234	225	230	224	231	229	233	224	230	232	233	228	231	224	229	227	226	228	229
	MINIMUM	230	215	227	219	228	225	230	215	230	230	228	220	228	217	224	223	222	219	226
% 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: 3									
15-01-2024 To 21-01-2024									
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	-	-	-	-	-	-
		3	210	-	-	-	-	-	-
		4	210	-	-	-	-	-	-
		5	500	-	-	-	-	-	-
2	DSPM	1	250	1	19-01-2024 21:23	20-01-2024 13:40	16:17	4.070833333	BTL
		2	250	-	-	-	-	-	-
3	ABVTPS	1	500	-	-	-	-	-	-
		2	500	1	16-01-2024 00:02	-	-	-	BOILER STEAMING LICENSE EXTENSION
<b>Total</b>				<b>2</b>			<b>16:17:00</b>	<b>4.071</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	15-Jan-24	400 KV KHEDAMARA - RAITA CKT No.I	09:12	18:13	09:01
2	18-Jan-24	ICT No.II AT 400 KV S/S KURUD	16:45	21:14	04:29

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	16-Jan-24	220 KV STATION X-MER NO. I AT 400 KV S/S MARWA	11:34	CONTD	-
2	16-Jan-24	220 KV TBC AT 400 KV S/S MARWA	11:27	CONTD	-
3	16-Jan-24	220 KV MAIN BUS NO. I AT 400 KV S/S MARWA	11:51	CONTD	-
4	16-Jan-24	220 KV DSPM - KEB CKT NO. I	09:31	18:50	09:19
5	16-Jan-24	160 MVA X-MER NO. II AT 220 KV S/S PARASWANI	14:34	16:32	01:58
6	17-Jan-24	220 KV DSPM - KE CKT No.I	08:36	16:46	08:10
7	17-Jan-24	160 MVA XMER No.I AT 220 KV S/S SILTARA	13:01	15:47	02:46

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	15-Jan-24	132 KV DOMA - RAWANBHATA CKT	10:09	15:14	05:05
2	15-Jan-24	132 KV NAWAGARH - MUNGELI CKT	10:55	14:30	03:35
3	16-Jan-24	132 KV DOMA - RAWANBHATA CKT NO. II	10:05	16:39	06:34
4	16-Jan-24	40 MVA X-MER NO. I AT 132 KV S/S MANDIRHASOUD	10:35	15:30	04:55
5	16-Jan-24	40 MVA X-MER NO. I AT 132 KV S/S KASDOL	11:20	15:45	04:25
6	16-Jan-24	40 MVA X-MER NO. II AT 132 KV S/S BISHRAMPUR	11:18	13:38	02:20

7	16-Jan-24	132 KV KURUD - GURUR CKT	11:37	12:53	01:16
8	17-Jan-24	33 KV MAIN BUS AT 220 KV S/S BEMETARA	09:05	18:10	09:05
9	17-Jan-24	40 MVA XMER AT 220 KV S/S URLA	10:10	15:27	05:17
10	17-Jan-24	132 KV DOMA - MANA CKT No.I	10:12	17:12	07:00
11	17-Jan-24	40 MVA XMER AT 132 KV S/S BAGBEHARA	18:59	20:19	01:20
12	18-Jan-24	40 MVA XMER No.I AT 132 KV S/S CHARAMA	09:58	16:45	06:47
13	18-Jan-24	132 KV RAJIM - PARASWANI CKT No.I	09:39	18:25	08:46
14	18-Jan-24	132 KV DOMA - MANA CKT No.II	10:09	16:52	06:43
15	18-Jan-24	63 MVA XMER No.I AT 132 KV S/S SECTOR -C ( URLA )	10:52	15:57	05:05
16	18-Jan-24	40 MVA XMER No.I AT 220 KV S/S BARSOOR	10:27	18:09	07:42
17	18-Jan-24	63 MVA XMER No.I AT 132 KV S/S KUHERA	10:45	15:40	04:55
18	19-Jan-24	63MVA Xmer NO. II AT 132KV S/S KUHERA	10:12	16:05	05:53
19	19-Jan-24	63MVA Xmer NO. II AT 132KV S/S SEC.-C URLA	10:10	15:38	05:28
20	19-Jan-24	40MVA Xmer NO. II AT 132KV S/S CHARAMA	10:10	CONTD	-
21	19-Jan-24	132KV MAIN BUS - I AT 132KV S/S BHILAI	10:19	17:07	06:48
23	19-Jan-24	132KV MANENDRAGARH - KOTMIKALA CKT. NO. I	12:11	18:48	06:37
24	19-Jan-24	63MVA Xmer NO. II AT 220KV S/S SILTARA	14:09	15:38	01:29
25	19-Jan-24	63MVA Xmer AT 220KV S/S SARAIPALI	14:57	15:41	00:44
26	20-Jan-24	132KV BHANUPRATAPPUR - KANKER CKT.	11:05	17:29	06:24
27	20-Jan-24	132KV MAIN BUS AT 132KV S/S PATHALGAON	11:30	13:48	02:18

**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)
1	19-Jan-24	400KV BHILAI - KIRNAPUR CKT.	04:43	08:43	4:00:00
2	19-Jan-24	400KV BHILAI - KORADI CKT.	04:43	08:44	4:01:00

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	18-Jan-24	220 KV RAITA - KUTHREL CKT No.II	13:58	15:02	01:04

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	16-Jan-24	132 KV BHATAPARA - MUNGELI CKT	20:43	21:17	00:34
2	18-Jan-24	40 MVA XMER AT 132 KV S/S RAJPUR	02:06	CONTD	-
3	18-Jan-24	132 KV RAJIM - KURUD CKT	10:05	17:53	07:48
4	20-Jan-24	132KV DONGARGARH - KIRNAPUR CKT.	00:58	01:36	00:38
5	21-Jan-24	132 KV SARANGARH - BARAMKELA CKT	03:35	11:22	07:47

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 NO. I & II	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 JAIJAIPUR - ADBHAR CKT	15:44 07/01/2024	-	-
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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
NIL					

vii) Grid Disturbance :

DETAILS OF ENERGY NOT SERVED DUE TO GRID DISTURBANCE IN RESPECT OF CHHATTISGARH SYSTEM FOR THE PERIOD										
15-01-2024 To 21-01-2024										
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					

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

07c  
