

 <p>CIN- U40108CT2003SGC015820</p>	<p><b>CHHATTISGARH STATE POWER TRANSMISSION COMPANY LIMITED</b> छत्तीसगढ़ स्टेट पावर ट्रांसमिशन कंपनी लिमिटेड <b>(C.G. Govt. Undertaking)</b> (छत्तीसगढ़ शासन का एक उपक्रम) <b>STATE LOAD DESPATCH CENTRE: RAIPUR</b> छत्तीसगढ़ राज्य भारप्रेषण केन्द्र, रायपुर</p> <p>दूरभाष <b>PHONE: 0771 - 2574172</b>, फैक्स <b>FAX NO. 0771- 2574174</b>. Website: <a href="http://www.sldccg.com">www.sldccg.com</a> Email - <a href="mailto:csebsldc@sldccg.com">csebsldc@sldccg.com</a></p>
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No.03-02/SLDC/OPN/ 1905

Raipur, Dtd. 19 2 MAR 2021

To,

As Per Distribution List,


**Sub:** Weekly Report for the week # 04\_18/01/2021 to 24/01/2021, week # 05\_25/01/2021 to 31/01/2021.

In compliance to State Grid Code 5.5, the weekly report for the above mentioned weeks is uploaded & available at SLDC's website: [www.sldccg.com/Report/Weekly](http://www.sldccg.com/Report/Weekly) SLDC Report.

  
**Executive Director**  
**SLDC, CSPTCL, Raipur**

**Distribution List:**

1. The Executive Director (C&CP),  
CSPGCL, Raipur.
2. The Executive Director (O&M: GEN),  
CSPGCL, Raipur.
3. The Chief Engineer (S/s: O&M),  
CSPTCL, Raipur.
4. The Chief Engineer (C&RA),  
CSPTCL, Raipur.
5. The Chief Engineer (C&TM),  
CSPTCL, Bhilai.
6. The Chief Engineer (S/s: O&M),  
CSPTCL, Bilaspur.
7. The Chief Engineer (RA&PM.),  
CSPDCL, Raipur.

 CIN-U40108CT2003SGC015820	<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>WEEKLY REPORT</b>		
	Year: 2021	Week No: 4	Period: 18-01-2021 to 24-01-2021

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

18-01-2021 to 24-01-2021			
DATE	MAXIMUM	AVERAGE	MINIMUM
18-Jan-21	50.08	50.00	49.87
19-Jan-21	50.10	50.00	49.82
20-Jan-21	50.09	50.02	49.94
21-Jan-21	50.09	50.02	49.85
22-Jan-21	50.09	50.01	49.91
23-Jan-21	50.09	50.02	49.90
24-Jan-21	50.11	50.03	49.93
MAX	50.11		
AVG		50.01	
MIN			49.82

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 ABVTPS	400 KV Raita
18-Jan-21	MAXIMUM	416	424	425	422	427	423
	AVERAGE	411	416	421	415	423	418
	MINIMUM	404	397	416	397	410	403
19-Jan-21	MAXIMUM	415	424	423	422	426	422
	AVERAGE	410	415	420	414	423	417
	MINIMUM	403	401	416	404	418	410
20-Jan-21	MAXIMUM	414	423	423	420	425	422
	AVERAGE	410	415	420	414	422	417
	MINIMUM	405	403	417	404	415	409
21-Jan-21	MAXIMUM	415	431	423	422	425	422
	AVERAGE	410	418	420	414	421	417
	MINIMUM	403	401	416	403	417	410
22-Jan-21	MAXIMUM	415	435	423	427	425	423
	AVERAGE	410	421	420	416	421	417
	MINIMUM	404	403	416	403	417	410
23-Jan-21	MAXIMUM	415	435	424	422	425	422
	AVERAGE	411	421	421	414	422	418
	MINIMUM	405	406	417	405	418	412
24-Jan-21	MAXIMUM	415	433	424	421	425	422
	AVERAGE	411	421	422	415	422	418
	MINIMUM	406	403	418	404	418	411
% 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		98.21	58.48	43.15	84.23	25.60	69.05
% of Time of Occurance >420 KV		0.00	39.73	55.06	13.99	72.62	29.17
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.To maintain the low and high voltage at 400 KV Jagdalpur, the bus reactor at Jagdalpur is being opened and closed in the morning and evening/night time.						

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 Bemetara	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 Mopka	220 KV Paraswani	220 KV Raita	220 KV Siltara	220 KV Saraipali
18-Jan-21	MAXIMUM	230	232	233	228	230	234	236	227	231	236	238	228	232	241	227	233	230	227
	AVERAGE	229	226	228	222	220	230	233	221	226	234	234	223	228	239	221	229	226	221
	MINIMUM	228	214	214	213	206	221	229	208	215	230	228	212	218	233	210	220	214	212
19-Jan-21	MAXIMUM	230	231	231	227	227	233	236	227	230	235	236	227	232	239	226	232	229	226
	AVERAGE	230	225	225	222	221	230	233	220	225	233	233	222	229	236	220	229	225	220
	MINIMUM	230	216	214	213	209	224	230	211	217	230	229	214	224	233	211	223	219	211
20-Jan-21	MAXIMUM	234	231	231	227	226	232	N/A	226	230	235	236	227	232	240	226	231	228	227
	AVERAGE	230	225	223	221	218	229		220	225	233	233	222	229	236	220	228	225	222
	MINIMUM	229	217	215	214	200	223		211	218	230	229	215	225	231	211	223	211	214
21-Jan-21	MAXIMUM	234	232	231	227	226	233	236	226	233	235	236	227	232	237	226	232	229	227
	AVERAGE	230	226	224	221	217	229	233	220	226	233	233	222	229	235	219	228	225	221
	MINIMUM	226	216	214	213	205	224	230	210	217	230	229	214	224	232	210	223	220	213
22-Jan-21	MAXIMUM	234	236	231	227	226	233	236	229	236	235	236	230	232	239	226	233	230	226
	AVERAGE	230	228	224	221	220	229	233	221	228	233	233	223	229	235	219	229	225	220
	MINIMUM	226	217	213	212	203	224	230	211	218	230	228	215	224	233	209	224	220	212
23-Jan-21	MAXIMUM	234	235	229	227	227	234	236	228	235	235	236	228	232	239	226	232	230	227
	AVERAGE	231	227	223	221	218	230	234	220	228	233	233	222	229	237	219	229	226	220
	MINIMUM	227	219	214	213	205	224	231	212	220	231	229	216	225	233	210	225	221	212
24-Jan-21	MAXIMUM	234	233	229	227	224	234	236	226	234	235	236	227	232	235	226	232	229	225
	AVERAGE	230	227	223	222	216	231	234	220	228	233	233	222	229	235	220	229	226	220
	MINIMUM	227	217	216	215	204	226	231	211	218	231	229	215	225	235	211	225	222	213
% 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
% 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
% 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
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: 4									
18-01-2021 to 24-01-2021									
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	1	19/12/20 23:55	CONTD	-	-	AOH
		2	210	1	17/01/21 19:00	19/01/21 04:39	33:39:00	7.0665	BTL
		3	210	-	-	-	-	-	-
		4	210	-	-	-	-	-	-
		5	500	-	-	-	-	-	-
2	DSPM	1	250	-	-	-	-	-	-
			250	-	-	-	-	-	-
		2	250	1	21/11/20 08:05	-	-	-	AOH
3	ABVTPS	1	500	-	-	-	-	-	-
		2	500	-	-	-	-	-	-
<b>Total</b>				<b>3</b>			<b>33:39:00</b>	<b>7.067</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	19-Jan-21	315 MVA ICT NO. II AT 400 KV S/S KURUD	10:13	16:18	6:05:00
2	22-Jan-21	400 KV MARWA - KHEDAMARA CKT ( REACTOR)	13:41	19:20	5:39:00

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	19-Jan-21	220 KV KEB - KWB I/C NO. I	08:18	14:08	5:50:00
2	19-Jan-21	125 MVA X-MER AT 220 KV S/S BHATAPARA	19/01/21 10:02	22/01/21 17:11	79:09:00
3	20-Jan-21	220 KV KWB - KEB I/C NO. II	08:07	13:22	5:15:00
4	21-Jan-21	220 KV KE - KW I/C NO. II	08:18	12:24	4:06:00
5	22-Jan-21	220 KV KE - DHARDEHI CKT	08:06	16:22	8:16:00
6	23-Jan-21	220 KV KE - DHARDEHI CKT	08:20	13:32	5:12:00
7	23-Jan-21	220 KV PGCIL RAIPUR - DOMA CKT No.I	11:01	18:11	7:10:00
8	23-Jan-21	220 KV KHEDAMARA - BSP CKT No.II	13:05	16:43	3:38:00

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	18-Jan-21	63 MVA X-MER NO. II AT 132 KV S/S KUHERA	15:45	18:42	2:57:00
2	18-Jan-21	40 MVA X-MER NO. II AT 132 KV S/S SIMGA	11/01/21 10:38	18/01/21 19:22	176:44:00

3	19-Jan-21	40 MVA X-MER NO. II AT 132 KV S/S BIRGAON	10:14	19:19	9:05:00
4	19-Jan-21	40 MVA X-MER NO. II AT 132 KV S/S SIMGA	11:14	12:18	1:04:00
5	19-Jan-21	33 KV MAIN BUS & 40 MVA X-MER AT 132 KV S/S CHARAMA	10:59	12:34	1:35:00
6	19-Jan-21	40 MVA X-MER NO. I AT 220 KV S/S MOPKA	12:05	13:57	1:52:00
7	19-Jan-21	132 KV MAHASAMUND - PARASWANI CKT	12:05	15:43	3:38:00
8	19-Jan-21	40 MVA X-MER NO. II AT 132 KV S/S PULGAON	14:23	15:57	1:34:00
9	20-Jan-21	132 KV BISHRAMPUR - RRVUNL CKT	09:21	17:33	8:12:00
10	20-Jan-21	132 KV MAIN BUS AT 132 KV S/S BALODABAZAR	12:35	14:33	1:58:00
11	20-Jan-21	132 KV PATHARIYA - SIMGA CKT	13:39	14:25	0:46:00
12	20-Jan-21	132 KV PATHARIYA - BILASPUR CKT	15:01	17:14	2:13:00
13	20-Jan-21	132 KV JAMNIPALI - KUSMUNDA CKT	13:35	16:40	3:05:00
14	21-Jan-21	132 KV JAMANIPALI - KUSMUNDA CKT	13:31	16:54	3:23:00
15	22-Jan-21	40 MVA XMER No.II AT 132 KV S/S PATHARIYA	13:18	14:29	1:11:00
16	22-Jan-21	40 MVA XMER No.II AT 132 KV S/S LORMI	14:05	15:32	1:27:00
17	23-Jan-21	63 MVA XMER No.II AT 220 KV S/S GERWANI	11:45	13:33	1:48:00

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

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

<b>220 KV</b>					
<b>S. No.</b>	<b>Date</b>	<b>Name of the Transmission Elements</b>	<b>From [ (mm/dd/yy) hh:mm ]</b>	<b>To [ (mm/dd/yy) hh:mm ]</b>	<b>Outage Hours (hh:mm:ss)</b>
1	20-Jan-21	220 KV BUS TIE CT AT 220 KV S/S SUHELA	20/01/21 19:35	21/01/21 13:52	18:17:00
2	21-Jan-21	220 KV CHHURI - BISHRAMPUR CKT	06:33	06:53	0:20:00
3	21-Jan-21	220 KV BARSOOR - BIJAPUR CKT	14:50	17:34	2:44:00

<b>132 KV</b>					
<b>S. No.</b>	<b>Date</b>	<b>Name of the Transmission Elements</b>	<b>From [ (mm/dd/yy) hh:mm ]</b>	<b>To [ (mm/dd/yy) hh:mm ]</b>	<b>Outage Hours (hh:mm:ss)</b>
1	18-Jan-21	132 KV SIMGA - BEMETARA CKT	19:23	19:33	0:10:00
2	18-Jan-21	40 MVA X-MER NO. I AT 132 KV S/S PAKHANJUR	18:30	18:55	0:25:00
3	18-Jan-21	132 KV BHANUPRATAPPUR CHARAMA CKT	19:40	19:55	0:15:00
4	18-Jan-21	132 KV BISHRAMPUR - RRVNL CKT	22:40	22:52	0:12:00
5	20-Jan-21	132 KV THELKADIH - DHAMDHA CKT	04:45	05:05	0:20:00
6	20-Jan-21	132 KV BHILAI ACC CEMENT CKT	10:54	12:49	1:55:00
7	20-Jan-21	132 KV SKS - SILTARA CKT	12:55	13:10	0:15:00

8	20-Jan-21	132 KV THELKADIH - DONGARGARH CKT	14:13	14:20	0:07:00
9	21-Jan-21	132 KV CHAMPA - CSPL CKT	07:48	07:58	0:10:00
10	22-Jan-21	132 KV THELKADIH - DONGARGARH CKT	13:18	13:24	0:06:00
11	22-Jan-21	132 KV THELKADIH - DONGARGARH CKT	13:35	13:45	0:10:00
12	22-Jan-21	132 KV THELKADIH - DONGARGARH CKT	22/01/21 14:10	23/01/21 12:05	21:55:00
13	22-Jan-21	132 KV RUABANDHA - JP CEMENT CKT	16:36	16:57	0:21:00
14	23-Jan-21	63 MVA XMER AT 220 KV S/S BORJHARA	09:40	15:54	6:14:00
15	24-Jan-21	40MVA Xmer NO. I AT 220KV S/S RAIGARH	14:28	14:50	0:22:00
16	24-Jan-21	40MVA Xmer NO. II AT 220KV S/S RAIGARH	14:28	14:45	0:17:00

iv	Transmission Constraints (if any)			
S.N	Lines Opened	From	To	Remarks
1	132 KV SIMGA - PATHARIYA CKT	17:52 27/09/19	-	-
2	220 KV BHILAI - GURUR CKT NO. II	10:10 03/01/2021	-	TO CONTROL NSPCL - BSP CKT
3	220 KV BHILAI - GURUR CKT NO. I	11:18 04/01/2021	-	-
4	220 KV KEB - RAIGARH CKT	07:03 10/01/2021	-	TO CONTROL OD AT KWB ICT
5	220 KV KEB - DHARDEHI CKT	07:26 10/01/2021	-	TO CONTROL OD AT KWB ICT
6	220 KV KEB - BUDHIPADAR CKT NO. II	06:39 18/01/2021	07:35 19/01/2021	TO CONTROL OD AT KWB ICT
7	220 KV DSPM - SUHELA CKT AT DSPM END	18:08 18/01/2021	09:40 19/01/2021	TO CONTROL OD AT KWB ICT
8	220 KV KHEDAMARA - BEMETARA CKT	10:01 18/01/2022	14:25 18/01/2021	-
9	132 KV JAIJAIPUR - CHAMPA CKT	10:01 18/01/2021	14:25 19/01/2021	-



10	132 KV KEB - CHAMPA CKT I & II	10:12 18/01/2021	14:20 18/01/2021	-
11	220 KV DSPM - BANARI CKT	18:58 18/01/2021	21:03 18/01/2021	TO CONTROL OD AT KWB ICT
12	220 KV KHEDAMARA - BEMETARA CKT	09:42 19/01/2021	20:43 20/01/2021	-
13	132 KV GURUR - KANKER CKT	10:33 19/01/2021	16:50 19/01/2021	-
14	132 KV CHAMPA - CHAPLE CKT AT CHAMPA END	14:22 19/01/2021	-	-
15	132 KV JAIJAIPUR - ADBHAR CKT AT JAIJAIPUR END	14:27 19/01/2021	-	-
16	220 KV DSPM - SUHELA CKT AT DSPM END	18:05 19/01/2021	-	TO CONTROL OD AT KWB ICT
17	220 KV BHILAI - SILTARA CKT	10:08 20/01/2021	20:38 20/01/2021	-
18	220 KV DSPM - SUHELA CKT	12:03 20/01/2021	-	-
19	220 KV KHEDAMARA - BEMETARA CKT	07:08 21/01/2021	22:55 21/01/2021	-
20	400 KV KURUD - JAGDALPUR CKT	19:30 21/01/2021	19:35 21/01/2021	-

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	21-Jan-21	16:53	132 KV S/s LORMI	40 MVA XMER-II	FIRST TIME CHARGED
2	21-Jan-21	19:06	132 KV S/s PATHARIYA	40 MVA XMER-II	FIRST TIME CHARGED

*Annexure-I*

vii) Grid Disturbance :

DETAILS OF ENERGY NOT SERVED DUE TO GRID DISTURBANCE IN RESPECT OF CHHATTISGARH SYSTEM FOR THE PERIOD									
18-01-2021 to 24-01-2021									
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 INTERRUPTION (IN HRS: MIN)	ENERGY NOT SUPPLIED (MUs)	REMARKS
NIL									

SUPERINTENDING ENGINEER  
BACKUP SLDC, KHEDAMARA  
CSPTCL, BHILAI