

STATEMENT ON SYSTEM PERFORMANCE

(APRIL'24 – JUNE'24)



ORISSA POWER TRANSMISSION CORPORATION LIMITED

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A. POWER SUPPLY SECURITY

Format-A1

Load Restriction due to non availability of Generation

Year	Quarter	Month	Total Hrs.	* Duration of restriction (in HRs.)	Percentage of time load restricted
1	2	3	4	5	6
2024-25	1st	APRIL	720	0.00	0.00
		MAY	744	0.00	0.00
		JUNE	720	0.00	0.00
Total			2184	0.00	0.00

* → SLDC is preparing the drawal schedule for discom considering the availability of power from all sources.
Load restriction is being done by the discom as and when required on rotation basis to curtail the demand.

Format-A2

Particulars of Generating Station which failed to meet forecasted requirement at the time of load restriction

(In relation to Format: A-1)

Year	Quarter	Month	Hour	Name of Generating Station	<u>*Duration of failure to meet forecasted requirement (HRs.)</u>			Quantum/ Percentage of Load Restriction Imposed
					Date	Time	Total	
1	2	3	4	5		6	7	8
2024-25	1st	APRIL	720	-	-	-	-	-
		MAY	744	-	-	-	-	-
		JUNE	720	-	-	-	-	-

* — Load restriction imposed in the state on rotation basis to curtail the demand (During evening peak hour).

Particulars of demand curtailed and areas affected due to failure of Generating Station to meet forecasted requirement at the time of load restriction
(In relation to Format: A-1)

Name of Gen. Station	Year	Quarter	Month	Hour	Duration of failure to meet forecasted requirement (HRs.)				L.R. Imposed in MW	Area / Consumer categories affected
					Date	From	To	Total		
1	2	3	4	5	6	7		9	10	11
-	2024-25	1st	APRIL	720	-	-	-	-	-	Load restriction imposed in the state on rotation basis to curtail the demand.
			MAY	744	-	-	-	-	-	
			JUNE	720	-	-	-	-	-	

* —▶Load restriction imposed in the state on rotation basis to curtail the demand(During evening peak hour).

B. TRANSMISSION SECURITY**Format-B1*****Load Restriction due to non availability of Transmission Capacity, (Percentage of time)
(even though Generation was available)***

Year	Quarter	Month	Total Hrs. of the month	Duration of restriction (in Hrs.)	Percentage of time load restricted [=(5/4) *100]
1	2	3	4	5	6
2024-25	1st	APRIL	720	0.00	0.00
		MAY	744	0.00	0.00
		JUNE	720	0.00	0.00
Total			2184	0.00	0.00

B. TRANSMISSION SECURITY**Format-B2**

Rescheduling of Generation due to non availability of Transmission Capacity, (Percentage of time)
(even though load restriction was not required)

Year	Quarter	Month	Total Hrs.	Duration of Generation rescheduled (HRs.)	Percentage of time Gen.rescheduled [(5/4) *100]
1	2	3	4	5	6
2024-25	1st	APRIL	720	-	-
		MAY	744	-	-
		JUNE	720	-	-
Total			2184	NIL	NIL

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
1	Lapanga	01.04.24	08:53	09:19	00:26	160MVA Auto TRF-I	O/C, Ir- 2.18kA, Iy- 0.76kA, Ib- 0.23kA	Hirakud	00:56	-	-	0.004084	R Ph insulator burst at Loc No 118 from Lapanga end.	-
						160MVA Auto TRF-II	O/C, Ir- 2.27kA, Iy- 0.08kA, Ib- 0.28kA							
						02.04.24 17:26 132kV Lapanga-Hirakud Feeder	<u>At Lapanga end:</u> R-N, Zone 1, Dist- 3.4km, Ir- 13.76kA <u>At Hirakud end:</u> E/F, Ir- 1.512kA							
						10:21 01:28 132kV Burla PH-Hirakud Feeder	<u>At Burla PH end:</u> E/F							
2	Mania	01.04.24	10:10	10:58	00:48	12.5MVA TRF-I 20MVA TRF-II	TRF I: R-N TRF II: O/C, R-Y-B-N, Ir- 0.59kA, Iy- 0.14kA, Ib- 0.2kA	Mania	00:48	-	-	0.008120	Station TRF II horn gap jumper shorted	-
3	Bhanjanagar	01.04.24	12:10	16:59	04:49	220kV Bhanjanagar-Nayagarh Feeder	<u>At Bhanjanagar end:</u> B-N, Zone 1, Dist- 24.43km, Ib- 4.29kA	-	-	-	-	-	-	-
4	Telkoi	01.04.24	12:32	12:58	00:26	220kV Telkoi-TTPS Feeder	<u>At Telkoi end:</u> Main 1- B-N, Zone 1, Dist- 48km, Ib- 0.96kA; Main 2: B-N, Zone 1, Dist- 35.6km, Ib- 0.973kA <u>At TTPS end:</u> B-N, Zone 1, Dist- 58.39km, Ib- 2.3kA	-	-	-	-	-	-	-
5	Therubali	01.04.24	12:36	13:00	00:24	220kV Therubali-Indravati PH CKT II	<u>At Therubali end:</u> B-N, Zone 1, Dist- 28.5km, Ib- 2.67kA <u>At Indravati end:</u> B-N, Zone 1, Dist- 66.3km, Ib- 1.5kA	-	-	-	-	-	-	-
6	Narendrapur	01.04.24	13:42	18:02	04:20	220kV Narendrapur-Atri CKT II	<u>At Narendrapur end:</u> Main 1- R-N, Zone 1, Dist- 50.48km, Ir- 1.79kA; Main 2: R-N, Zone 1, Dist- 50.4km, Ir- 1.791kA <u>At Atri end:</u> R-N, Zone 1, Dist- 83.37km, Ir- 1.682kA	-	-	-	-	-	-	-
7	Sonepur	01.04.24	16:45	17:00	00:15	132kV Sonepur-Boudh Feeder & 132kV Sonepur-Birmaharajpur Feeder	Source failure due to tree falling 132kV Sonepur-Bolangir line	Sonepur, Boudh, Birmaharajapur, GEDCOL Solar }	00:15 00:14	-	-	0.017730	-	-
8	Muniguda	01.04.24	17:53	17:54	00:01	132kV Muniguda-Bissam Cuttack RTSS Feeder	O/C, Ir- 0.266kA, Iy- 0.264kA	Bissam Cuttack RTSS	00:01	-	-	0.000098	-	-
9	Bhawanipatna	01.04.24	17:54	17:57	00:03	132kV Bhawanipatna-Lanjigarh RTSS Feeder	O/C, Iy- 0.261kA, Ib- 0.258kA	Lanjigarh RTSS	00:03	-	-	0.000323	-	-
10	Bhawanipatna	01.04.24	21:46	21:48	00:02	132kV Bhawanipatna-Lanjigarh RTSS Feeder	O/C, Ir- 0.265kA, Iy- 0.259kA	Lanjigarh RTSS	00:02	-	-	0.000216	-	-
11	Bhawanipatna	02.04.24	08:35	08:41	00:06	132kV Bhawanipatna RTSS Feeder	O/C, Iy- 0.269kA, Ib- 0.259kA	Bhawanipatna RTSS	00:06	-	-	0.000379	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
12	Narasinghpur	02.04.24	11:15	11:44	00:29	220kV Narasinghpur-Bhanjanagar Feeder	At Narasinghpur end: R-N, Zone 1, Dist- 37.9km, Ir- 1.76kA At Bhanjanagar end: R-N, Zone 1, Dist- 57.61km, Ir- 1.97kA	-	-	-	-	-	During the tripping GSS Narasinghpur availed power from Meramundali end	-
13	Podagada	02.04.24	12:18	12:25	00:07	132kV Rayagada-Podagada Feeder	At podagada end: E/F, Dist-85.5km, Ir- 0.03kA, ly- 0.83kA, Ib- 0.03kA	-	-	-	-	-	-	-
14	Therubali	02.04.24	12:50	17:07	04:17	220kV Therubali-Laxmipur CKT II	At Therubali end: Y-B Ph, Zone 1, Dist- 25.98km, ly- 3.83kA, Ib- 4.81kA At Laxmipur end: Y-B Ph, Zone 1, Dist- 15km, ly- 2.42kA	-	-	-	-	-	-	-
				17:11	04:21	220kV Therubali-Laxmipur CKT I	At Therubali end: R-Y Ph, Zone 1, Dist- 26.6km, Ir- 3.819kA, ly- 3.704kA At Laxmipur end: R-Y, Zone 1, Dist- 30.88km, Ir- 2.83kA, ly- 2.95kA							
15	Budhipadar	02.04.24	13:11	03.04.24 01:24	12:13	220kV Budhipadar-Korba CKT II	At Budhipadar end: Main 1: O/C (B-N), Zone 2, Dist- 54.02km, Ib- 2.417kA, A/R Lockout; Main 2: B-N, Zone 2, Dist- 44.7km, Ib- 1.48kA	-	-	-	-	-	-	-
16	Muniguda	02.04.24	20:35	20:36	00:01	132kV Muniguda-Bissam Cuttack RTSS Feeder	O/C, Ir- 0.266kA, ly- 0.264kA	Bissam Cuttack RTSS	00:01	-	-	0.000098	-	-
17	Joda	02.04.24	22:20	03.04.24 13:58	15:38	220kV Joda-Ramchandrapur Feeder	At Joda end: Main 1- E/F (R-Y-B Ph), Zone 2, Dist- 122.7km, Ir- 1.705kA, ly- 1.881kA, Ib- 1.714kA; Main 2- Y-N, Zone 2, Dist- 134.51km, ly- 1.389kA At Ramchandrapur end: CT of the Chandil Feeder at Ramchandrapur Grid switchyard is punctured	-	-	-	-	-	During this time Joda GSS availed power from 220kV Joda-TTPS I (Telkoi) & Joda-TTPS II CKT.	-
18	Nuapada	02.04.24	22:35	22:46	00:11	20MVA TRF I & II	TRF I: O/C, Ir- 76.96A, ly- 79.67A, Ib- 79.79A TRF II: O/C, Ir- 84.59A, ly- 85.97A, Ib- 87.26A	Nuapada	00:11	-	-	0.003751	-	-
19	Aska New	03.04.24	05:20	08:33	03:13	132kV Aska New-Aska CKT I	At Aska New end: E/F (Y Ph), Zone 1, Dist- 2.07km, ly- 7.628kA	-	-	-	-	-	-	-
20	Bhawanipatna	03.04.24	09:28	09:30	00:02	132kV Bhawanipatna-Lanjigarh RTSS Feeder	O/C, ly- 0.271kA, Ib- 0.266kA	Lanjigarh RTSS	00:02	-	-	0.000216	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 & B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
21	Choudwar	03.04.24	13:04	13:13	00:09	132kV Bidanasi-Choudwar Feeder	At Choudwar end: Zone 1, Ir- 0.501kA, ly- 0.792kA, lb- 4.86kA, Dist- 4.537km At Bidanasi end: E/F (Y-N), Zone 1, Dist- 7.44km, ly- 5.9kA	Mania OCL	00:09 01:11	-	-	0.010815	-	-
22	Therubali	03.04.24	13:15	18:03	04:48	220kV Jayanagar-Upper Kolab PH- Therubali Feeder	At Therubali end: R-Y-N, Zone 2, Dist- 117.7km, Ir- 1.96kA, ly- 1.76kA At Kolab end: R-Y-N, Zone 1, Dist- 11.2km, Ir- 3.07kA, ly- 5.8kA	-	-	-	-	-	-	-
23	Podagada	03.04.24	14:33	14:46	00:13	132kV Podagada-Potangi Feeder	At podagada end: Y-B Ph, Zone 2, Dist- 56.77km, ly- 1.422kA, lb- 1.389kA	-	-	-	-	-	-	-
24	Bargarh New	03.04.24	19:31	19:41	00:10	132kV Barpali-Bargarh New Feeder	O/C, Ir- 0.45kA, ly- 0.24kA, lb- 0.44kA	Barapalli, Dunguripali RTSS	00:10	-	-	0.006262	-	-
25	Balasore	03.04.24	19:59	20:18	00:19	132kV Balasore RTSS Feeder	O/C (R Ph), Ir- 0.326kA, ly- 0.325kA	Balasore RTSS	00:19	-	-	0.002516	-	-
26	Laxmipur	04.04.24	13:07	13:25	00:18	220kV Laxmipur-NALCO CKT II	B-N, Zone 1, Dist- 15.5km, lb- 2.46kA	-	-	-	-	-	220kV Laxmipur-Nalco CKT I in service	-
27	Bolangir	04.04.24	20:02	20:12	00:10	132kV Bolangir New-Bolangir CKT I	At Bolangir New end: O/C, Ir- 1.41kA At Bolangir Old end: O/C (Y-N), Zone 1, Dist- 3.946km, ly- 4.285kA	Bolangir old ACME BEL	00:10 00:49 00:09	-	-	0.007527	-	-
						132kV Bolangir New-Bolangir CKT II	O/C							
						132kV Bolangir-ACME Feeder	Zone 2, Ir- 2.846kA, ly- 0.217kA, lb- 0.299kA							
						132kV Saintala-BEL Solar Feeder	E/F							
28	Muniguda	04.04.24	20:31	20:32	00:01	132kV Muniguda-Bissam Cuttack RTSS Feeder	O/C, Ir- 0.27kA, ly- 0.268kA	Bissam Cuttack RTSS	00:01	-	-	0.000098	-	-
29	Gondia	05.04.24	02:47	03:09	00:22	132kV Gondia-TTPS Feeder	lb- 1.95kA, Dist- 5.7km	-	-	-	-	-	-	-
30	Atri	05.04.24	11:14	11:40	00:26	132kV Atri-Chandpur Feeder	At Atri end: O/C (B Ph), lb- 0.854kA At Chandpur end: O/C (B Ph), lb- 0.854kA	Chandpur	00:26	-	-	0.007667	132kV Chandpur-Balugaon feeder was under L/C.	-
31	Budhipadar	05.04.24	11:18	14:26	03:08	220kV Budhipadar-Korba CKT II	Main 1: O/C (Y-B Ph), Zone 1, Dist- 14.14km, ly- 12.24kA, lb- 12.38kA, A/R lockout Main 2: Y-B Ph, Zone 1, Dist- 14km, ly- 12.3kA, lb- 12.32kA	-	-	-	-	-	-	-
32	Bhanjanagar	05.04.24	11:29	11:39	00:10	220kV Bhanjanagar-Therubali CKT I	At Bhanjanagar end: R-N, Zone 1, Dist- 15.6km, Ir- 4.81kA At Therubali end: R-N, Zone 1, Dist- 136km, Ir- 1.256kA	-	-	-	-	-	-	-
33	Laxmipur	05.04.24	12:11	13:35	01:24	220kV Therubali-Laxmipur CKT I	At Laxmipur end: R-N, Zone 1, Dist- 34.6km, Ir- 1.27kA	-	-	-	-	-	220kV Laxmipur-Therubali CKT II in service	-
34	Atri	05.04.24	12:39	13:04	00:25	220kV Atri -Pandiabil PG CKT I & II	Remote end Tripping, DT received and RX 1 relay operated	-	-	-	-	-	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
35	Bonai	05.04.24	12:55	13:14	00:19	220kV Bonai-Barkote Feeder	At Bonai end: B-N, Zone 1, Dist- 17.5km, lb- 2.339kA At Barkote end: B-N, Zone 1, Dist- 37.58km, lb- 1.715kA	-	-	-	-	-	-	-
36	Rairakhol	05.04.24	18:29	18:46 19:08	00:17 00:39	12.5MVA TRF III 132kV Rairakhol-Maneswar Feeder	REF At Maneswar end: Zone 1, Dist- 14.9km, lr- 2.98kA	Rairakhol, Rairakhol RTSS, Bamur	00:10	-	-	0.002172	-	-
37	Tarkera	06.04.24	02:51	04:51 06:58	02:00 04:07	220kV Bonai-Tarkera Feeder 220kV Rengali-Tarkera Feeder	SPS	-	-	-	-	-	-	-
38	Jharsuguda	06.04.24	07:55	08:19	00:24	132kV Jharsuguda-Jharsuguda RTSS Feeder	O/C, lr- 1.402kA, ly- 1.404kA	Jharsuguda RTSS	00:24	-	-	0.006718	-	-
39	Jagatsinghpur	06.04.24	08:01	13:08	05:07	132kV Jagatsinghpur-Cuttack Feeder	At Jagatsinghpur end: E/F (B Ph), Zone 1, Dist- 8.9km, lb- 1.78kA	-	-	-	-	-	-	-
40	Jayanagar	06.04.24	10:07	12:02	01:55	132kV Jayanagar-Jeypore RTSS Feeder	B-N, Zone 1, Dist- 5.57km, lf- 5.13kA	Jeypore RTSS	01:55	-	-	0.023963	-	-
41	Nimapara	06.04.24	11:09	13:21	02:12	132kV Samangara-Nimapara Feeder	At Nimapara end: B-N, Zone 1, Dist- 20.66km, lb- 2.45kA At Samangara end: B-N, Zone 1, Dist- 12.4km, lb- 0.5kA	Samangara, Malatipatapur RTSS	00:28	-	-	0.008709	Samangara availed P/S from Nimapara through Puri Grid reserve bus	-
42	Kesinga	06.04.24	11:17 12:16	11:36 17:20	00:19 05:04	132kV Kesinga-VAL Lanjigarh Feeder	E/F (Y ph), Dist- 45.3km, ly- 1.38kA E/F (Y ph), Dist- 46.3km, ly- 1.42kA	-	-	-	-	-	-	-
43	Joda	06.04.24	12:36	13:22	00:46	220kV Joda-Ramchandrapur Feeder	At Joda end: Main 1- E/F (Y-N), Zone 1, Dist- 18.09km, ly- 3.075kA; Main 2- E/F (Y-N), Zone 1, Dist- 17.15km, ly- 2.975kA At Ramchandrapur end: Y-N, Zone 1, Dist- 109.4km	-	-	-	-	-	During this time Joda GSS availed power from 220kV Joda-TTPS-1(Telkoi) CKT, 220kV Joda-TTPS-2 CKT and from DVC, Jamshedpur end via 220kV Joda-JSPL line	-
44	Khariar	06.04.24	12:53	13:00	00:07	132kV Kesinga-Khariar Feeder	At Kesinga end: Y-N, Dist- 25.27km, ly- 1.58kA At Khariar end: Y-N, Dist- 45.3km, ly- 0.77kA	Khariar, Kantabanji, Kantabanji RTSS	00:07	-	-	0.004681	-	-
45	Laxmipur	06.04.24	13:18	13:37	00:19	220kV Jayanagar-Laxmipur CKT I	At Laxmipur end: R-N, Zone 1, Dist- 44.1km, ly- 1.4kA At Jayanagar end: R-N, Zone 3, Dist- 21.6km, ly- 0.598kA	-	-	-	-	-	220kV Laxmipur-Jayanagar CKT II in service	-
46	Bhawanipatna	06.04.24	20:56	20:58	00:02	132kV Bhawanipatna-Lanjigarh RTSS Feeder	O/C, ly- 0.264kA, lb- 0.259kA	Lanjigarh RTSS	00:02	-	-	0.000216	-	-
47	Muniguda	06.04.24	20:57	20:58	00:01	132kV Muniguda-Bissam Cuttack RTSS Feeder	O/C, ly- 0.266kA, lb- 0.264kA	Bissam Cuttack RTSS	00:01	-	-	0.000098	-	-
48	Gondia	06.04.24	22:07	22:28	00:21	132kV Gondia-JFAL Feeder	lr- 0.18kA, ly- 0.04kA, lb- 1.34kA, Dist- 9.3km	-	-	-	-	-	-	-
49	Tarkera	07.04.24	01:46	06:46	05:00	220kV Tarkera-Bonai Feeder, 220kV Tarkera-Rengali Feeder	SPS	-	-	-	-	-	-	-
50	Laxmipur	07.04.24	05:29	06:10	00:41	220kV Therubali-Laxmipur CKT II	Y-B Ph	-	-	-	-	-	220kV Laxmipur-Thetubali CKT I is in service	-
51	Bolangir New	07.04.24	10:45	12:04	01:19	132kV Bolangir New-Barpali Feeder	E/F (B-N), Zone 1, Dist- 28.92km, lb- 2.375kA	-	-	-	-	-	-	-
52	Podagada	07.04.24	16:04	16:10	00:06	132kV Rayagada-Podagada Feeder	R-N, Dist- 138.9km, lr- 0.4kA	-	-	-	-	-	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
53	Balugaon	07.04.24	17:03	18:42	01:39	132kV Balugaon-Chatrapur Feeder	At Balugaon end: E/F (R-N), Zone 1, Dist- 20.60km, Ir- 1.002kA At Chatrapur end: R-N, Zone 1, Dist- 40.47km, Ir- 1.093kA, A/R Lockout	Balugaon, Keshpur, Khallikote Chatrapur	00:13 00:04	-	-	0.010008	-	-
54	Berhampur	07.04.24	17:04	17:34	00:30	132kV Digapahandi-Berhampur Feeder	E/F (B-N), lb- 2.37kA	-	-	-	-	-	-	-
55	Bidanasi	07.04.24	17:36	08.04.24 00:40	07:04	220kV Mendhasal-Bidanasi CKT I	At Bidanasi end: Zone 2, Dist- 26.95km, Ir- 5.02kA, ly- 5.17kA, lb- 5.1kA At Mendhasal end: E/F (R Ph), Zone 1, Dist- 3.3km, Ir- 13.41kA	-	-	-	-	-	R Phase Insulator punctured at Loc. No. 16 at Mendhasal end	-
56	Chandaka	07.04.24	18:02	19:32	01:30	132kV Chandaka-Nimapara Feeder	At Chandaka end: R-B-N, Zone 1, Dist- 10.21km, Ir- 5.316kA, lb- 5.547kA At Nimapara end: R-B-N, Zone 1, Dist- 50.37km, Ir- 1.13kA, lb- 1.16kA	Ransinghpur	00:17	-	-	0.020136	Alternate power supply availed from Badagada GSS at 18:19 Hrs.	-
				19:36	01:34	132kV Chandaka-Ransinghpur Feeder	At Chandaka end: R-B-N, Zone 1, Dist- 9.673km, Ir- 5.226kA, lb- 5.663kA							
57	Chandaka	07.04.24	18:15	18:36	00:21	220kV Mendhasal-Chandaka CKT I	Remote end Tripping, Carrier Trip received from remote end.	-	-	-	-	-	-	-
58	Berhampur	07.04.24	18:15	18:51	00:36	132kV Narendrapur-Berhampur CKT II	E/F, B-N, lb- 2.292kA	-	-	-	-	-	-	-
59	Chandaka	07.04.24	18:22	19:40	01:18	132kV Chandaka-Bhubaneswar CKT I	Y-N, Zone 1, Dist- 3.946km, ly- 4.285kA	-	-	-	-	-	-	-
60	Choudwar	07.04.24	18:30	18:49	00:19	132kV Choudwar-T.S.Alloys Feeder	At Choudwar end: O/C (B Ph), E/F, Zone 1, Dist- 5.637km, lb- 5.176kA At T S Alloys end: O/C (B Ph)	T.S.Alloys	00:18	-	-	0.003697	-	-
61	Balugaon	07.04.24	18:44	19:02	00:18	132kV Balugaon-Chatrapur Feeder	At Balugaon end: E/F, Ir- 0.85kA	-	-	-	-	-	-	-
62	Duburi	07.04.24	19:10	20:14	01:04	132kV Duburi-Jakhapura RTSS Feeder	Y-N, Zone 1, Dist- 9.115km, ly- 7.26kA	Jakhapura RTSS	01:04	-	-	0.012151	-	-
63	Dhenkanal	07.04.24	19:44	19:52	00:08	132kV Dhenkanal-Joranda RTSS Feeder	Zone 1, Dist- 15.65km, Ir-2.438kA	Joranda RTSS	00:08	-	-	0.001072	-	-
64	Meramundali	07.04.24	19:54	20:33	00:39	132kV Meramundali-Khajuriakata Feeder	At Meramundali end: R-N, Zone1, Dist- 25.623km, Ir- 3.9kA At Khajuriakata end: R-N, Zone1, Dist- 5.6km, Ir- 1.5kA	-	-	-	-	-	At that time 132kV Khajuriakata-DKL-NPT T line is in service .	-
65	Balasore	07.04.24	20:01	20:06	00:05	132kV Balasore RTSS Feeder	O/C (R Ph), Ir- 0.3kA, ly- 0.301kA	Balasore RTSS	00:05	-	-	0.000662	-	-
66	Jaleswar	07.04.24	20:03	20:14	00:11	132kV Jaleswar RTSS Feeder	O/C, Ir-0.29kA, lb-0.29kA	Jaleswar RTSS	00:11	-	-	0.001321	-	-
67	Budhipadar	08.04.24	07:14	12:17	05:03	132kV Budhipadar-Bamra Feeder	At Budhipadar end: O/C (R Ph), Zone 1, Dist- 3.761km, Ir- 10.77kA At Bamra end: O/C (R Ph), Zone 1, Ir- 1.643kA	-	-	-	-	-	-	-
68	Bhawanipatna	08.04.24	08:49	08:52	00:03	132kV Bhawanipatna-Bhawanipatna RTSS Feeder	O/C	Bhawanipatna RTSS	00:03	-	-	0.000010	-	-
69	Bhawanipatna	08.04.24	15:35	15:40	00:05	132kV Bhawanipatna-Lanjigarh RTSS Feeder	O/C, lf- 0.266kA	Lanjigarh RTSS	00:05	-	-	0.000539	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
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Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
70	Muniguda	08.04.24	15:37 15:55	15:38 15:56	00:01 00:01	132kV Muniguda-Bissam Cuttack RTSS Feeder	O/C, Ir- 0.267kA, ly- 0.264kA O/C, Ir- 0.266kA, ly- 0.264kA	Bissam Cuttack RTSS	00:02	-	-	0.000196	-	-
71	Podagada	08.04.24	16:20	16:48	00:28	132kV Podagada-Jayanagar Feeder, 132kV Podagada-Potangi Feeder	Source failure	Podagada Potangi	00:28 00:29	-	-	0.003603	Machkund supply failed at Machkund end.	-
72	Podagada	09.04.24	11:57	12:03	00:06	132kV Rayagada-Podagada Feeder	B-N, Dist- 86.8km, lb- 0.41kA	-	-	-	-	-	-	-
73	Polasponga	09.04.24	14:50	14:53	00:03	132kV Joda-Polasponga Feeder	O/C, Ir- 0.506kA, ly- 0.409kA, lb- 0.348kA	Polasponga, ESIL, MSP, OSISL, Patnaik Steel, Polasponga RTSS	00:03	-	-	0.003003	-	-
74	Muniguda	09.04.24	20:03	20:04	00:01	132kV Muniguda-Bissam Cuttack RTSS Feeder	O/C, Ir- 0.268kA, ly- 0.265kA	Bissam Cuttack RTSS	00:01	-	-	0.000098	-	-
75	Khariar	12.04.24	08:45	08:47	00:02	132kV Kesinga-Khariar Feeder	O/C (R Ph), Ir- 0.28kA	-	-	-	-	-	Charged through 132kV B/C bay	-
76	Polasponga	13.04.24	17:55	17:58	00:03	132kV Joda-Polasponga Feeder	O/C, Ir- 0.525kA, ly- 0.414kA, lb- 0.33kA	Polasponga, ESIL, Patnaik Steel, Polasponga RTSS MSP, OSISL	00:04	-	-	0.004004	-	-
						132kV Polasponga RTSS Feeder	O/C, Ir- 0.3kA, ly- 0.243kA, lb- 0.065kA		00:03	-	-	-		
77	Bhanjanagar	14.04.24	05:42	06:04	00:22	220kV Bhanjanagar-Therubali CKT II	B-N, Zone 1, Dist- 1.1km, lb- 9.7kA	-	-	-	-	-	-	-
78	Aska New	14.04.24	11:12	16:43	05:31	220kV Therubali-Aska New Feeder	<u>At Aska New end:</u> E/F (B Ph), Zone 2, Dist- 180.1km, lb- 0.897kA <u>At Theruvali end:</u> E/F (B Ph), Zone 1, Dist- 8.93km, lb- 5.137kA	-	-	-	-	-	-	-
79	Bhawanipatna	14.04.24	12:07	12:26	00:19	132kV Kesinga-Bhawanipatna Feeder	E/F, Ir- 0.115kA, ly- 0.438kA, lb- 0.124kA	Bhawanipatna, Bhawanipatna RTSS, Lanjigarh RTSS	00:14	-	-	0.005447	-	-
				12:22	00:15	132kV Bhawanipatna-Junagarh Feeder	Zone 2, Dist- 51.62km, Ir- 0.209kA, ly- 0.629kA, lb- 0.159kA		-	-	-	-		
80	Joda	14.04.24	17:21	17:27	00:06	132kV Joda-Bansapani RTSS Feeder	<u>At Joda end:</u> Dir O/C, If- 0.27kA	Bansapani RTSS	00:06	-	-	0.000825	-	-
81	Chandpur	15.04.24	10:15	11:44	01:29	132kV Balugaon-Chandpur Feeder	At Chandpur-A/R block at Chandpur end. Y-B Ph, Zone 1, Dist- 22.5km, Ir- 0.15kA, ly- 1.98kA, lb- 1.84kA At Balugaon-No breaker operated.	Balugaon	00:28	-	-	0.020495	No P/S at Balugaon S/s as the line is under S/D for replacement of damaged conductor	-
82	Dhenkanal	15.04.24	12:25	12:38	00:13	132kV Khajuriakata-Nuapatana-Dhenkanal Feeder	<u>At Dhenkanal end:</u> Zone 1, Dist- 14.32km, Ir- 2.309kA <u>At Khajuriakata end:</u> R-N, Zone 1, Dist-15.9km, Ir-2.23kA	-	-	-	-	-	132kV Khajuriakata-Meramundali Feeder is in service during the fault.	-
83	Bhawanipatna	15.04.24	15:08	15:22	00:14	132kV Bhawanipatna-Junagarh Feeder	Zone 2, Dist- 29.28km, Ir- 0.265kA, ly- 0.82kA, lb- 0.228kA	Bhawanipatna, Bhawanipatna RTSS, Lanjigarh RTSS	00:06	-	-	0.002334	-	-
			15:14	00:06	00:06	132kV Kesinga-Bhawanipatna Feeder	Over Excitation, O/C		-	-	-	-		

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
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Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
84	Tirtol	16.04.24	12:51	13:17	00:26	132kV Tirtol-Paradeep Feeder	At Paradeep end: O/C (R & B ph), Zone 2, Dist- 35.4km, Ir- 2.2kA, Ib- 2.5kA No tripping at Tirtol end	Tirtol Jagatsinghpur, Jagatsinghpur FSS	00:27 00:30	-	-	0.026622	The power supply can not be extended to Jagatsinghpur and Tirtol from Cuttack end due to over loading of ICT at Mendhasala end	-
				13:24	00:33	132kV Tirtol-Jagatsinghpur Feeder							At 13:20Hrs, Jagatsinghpur GSS availed 132kV power supply from Phulnakhara end via Cuttack 132kV Reserve Bus.	-
85	Laxmipur	16.04.24	13:41	15:45	02:04	220kV Jayanagar-Laxmipur CKT I	At Laxmipur end: R-Y Ph, Zone 2, Dist- 61.2km At Jayanagar end: Zone 1, Dist- 5.136km, Ir- 6.157kA, ly- 6.128kA	-	-	-	-	-	-	-
				13:45	02:01	220kV Jayanagar-Laxmipur CKT II	At Jayanagar end: Y-B Ph, Zone 2, Dist- 61.2km At Laxmipur end: Y-B Ph, Zone 1, Dist- 4.99km, ly- 5.317kA, Ib- 5.305kA							
86	BC Mohanty SW	16.04.24	15:04	15:35	00:31	132kV BC Mohanty SW-Tomka RTSS Feeder	Zone 1, Dist- 4.05km, Ir- 5.48kA	Tomka RTSS Daitari, TATA FAP Bamnipal	00:31 04:57	-	-	0.077577	-	-
				20:01	04:57	132kV BC Mohanty SW-Daitari Feeder	At BC Mohanty: Zone 1, Dist- 5.1km, Ir- 6.17kA, ly- 6.14kA							
87	Jajpur Road	16.04.24	15:22	18:07	02:45	132kV Jajpur Town-Jajpur Road Feeder	Zone 1, Dist- 2.158km, ly- 7.173kA	-	-	-	-	-	-	-
88	Bolangir New	17.04.24	13:41	14:13	00:32	220kV Bargarh New-Bolangir New Feeder	E/F, Dist- 23.81km, Ib- 2.808kA	-	-	-	-	-	-	-
89	Polasponga	18.04.24	01:22	01:36	00:14	132kV Polasponga RTSS Feeder	O/C, Ir- 0.298kA, ly- 0.214kA, Ib- 0.092kA	Polasponga RTSS	00:14	-	-	0.002030	-	-
90	Joda	18.04.24	01:30	01:33	00:03	132kV Joda-Bansapani RTSS Feeder	At Joda end: O/C, If- 0.27kA	Bansapani RTSS	00:03	-	-	0.000413	-	-
91	Pratapsasan	18.04.24	04:23	08:50	04:27	160MVA Auto TRF II	REF, 87T,86A and 86B operated.	-	-	-	-	-	Auto TRF I was in service during the tripping.	-
92	Samangara	18.04.24	10:18	10:44	00:26	132kV Samangara-Satasankha CKT I & II	Source failure	Samangara, Satasankha, Malatipatapur RTSS	00:26	-	-	0.012622	GSS Samangara availed power supply from Nimapara GSS through Puri Grid reserve bus	-
				17:19	07:01	132kV Samangara-Nimapara Feeder	At Samangara end: Zone 1. Dist- 12.1km, Ib- 0.56kA At Nimapara end: B-N, Zone 1. Dist- 21.46km, Ib- 2.257kA							
93	Chandpur	18.04.24	10:56	11:33	00:37	132kV Balugaon-Chandpur Feeder	B-N, Zone 1, Dist- 21.3km, Ib- 1.12kA	Balugaon, Solari RTSS Chandpur	00:10 00:16	-	-	0.010180	Balugaon GSS supply Availed from Chatrapur end.	-
				11:20	00:16	132kV Atri-Chandpur Feeder	At Atri end: O/C (B Ph), Dist- 35.53km, Ib- 0.282kA No tripping at Chandpur end						At that time, 132kV Chandpur-Balugaon Feeder. was on tripped condition.	

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94	Chandaka	18.04.24	11:44	13:11	01:27	132kV Chandaka-Nimapara Feeder	At Chandaka end: R-N, Zone 2, Dist- 50.5km, Ir- 1.577kA At Nimapara end: R-N, Zone 1, Dist- 4.52km, Ir- 2.52kA	-	-	-	-	-	-	-
95	Paralakhemendi	18.04.24	12:32	12:37	00:05	132kV Paralakhemundi-Akhusingh Feeder	B-N	Paralakhemendi, Mohana	00:05	-	-	0.001929	-	-
96	Jayanagar	18.04.24	13:11	18:25	05:14	220kV Jayanagar-Laxmipur CKT I	At Jayanagar end: R-N, Zone 3, Ir- 0.289kA At Laxmipur end: R-N, Zone 2, Dist- 45.5km, Ir- 6.15kA	-	-	-	-	-	220kV Laxmipur-Jayanagar CKT II in service	-
97	Baripada	18.04.24	13:47	14:37	00:50	132kV Baripada-Baripada PG Feeder	At PGCIL end: O/C, Ir- 0.7kA, ly- 0.73kA, lb- 0.7kA	Baripada Betanati Udala	00:50 00:22 00:12			0.033340	-	-
				14:37	00:50	40MVA TRF I, II & III	Source failure from Baripada PG &							
				14:37	00:50	132kV Baripada-Betanati Feeder	Balasore grid end							
				13:59	00:12	132kV Udala-Balasore Feeder	At Balasore end: R-N, Dist- 84.84km, Ir- 0.955kA, ly-0.826kA, lb- 0.589kA							
				14:00	00:13	132kV Udala-Betanati Feeder	Source failure							
98	Laxmipur	18.04.24	15:56	19:09	03:13	220kV Therubali-Laxmipur CKT II	B-N, Zone 1, Dist- 24.8km, lb- 2.3kA	-	-	-	-	-	220kV Laxmipur-Therubali CKT I is in service.	-
99	Narendrapur	18.04.24	17:20	17:57	00:37	220kV Narendrapur-Tata Steel CKT II	O/C (Y Ph), ly- 0.081kA	-	-	-	-	-	-	-
100	Agarpada	19.04.24	10:45	19:35	08:50	132kV Anandapur-Agarpada Feeder	Zone 1, ly- 2.77kA	-	-	-	-	-	-	-
101	Meramundali B	19.04.24	11:15	14:48	03:33	220kV Meramundali-Meramundali B-Goda Feeder	At Meramundali-B end: E/F (B-N), Zone 1, Dist- 12.09km, lb- 7.1kA At Goda end: E/F (B-N), Zone 1, Dist- 53.59km, lb- 1.78kA	-	-	-	-	-	No interruption due to GSS Goda is connected with GSS Duburi, during the said period.	-
102	Polasponga	19.04.24	11:50	12:08	00:18	132kV Polasponga-ESIL Feeder	B-N, Dist- 13.6km, ly- 2.42kA, lb- 2.36kA	ESIL	00:18	-	-	0.004619	-	-
103	Bidanasi	19.04.24	12:21	12:45	00:24	220kV Mendhasal-Bidanasi Feeder	Y-B, Dist- 14.62km, ly- 1.38kA, lb- 2.33kA At Bidanasi end: Y-B, Zone 1, Dist- 14.62km, ly- 1.33kA, lb- 2.33kA At Mendhasal end: Y-B, Zone 1, Dist- 24.8km, ly- 1.26kA, lb- 5.35kA	Bidanasi, Brajabiharipur Godisahi Mania OCL Cuttack Jagatsinghpur Choudwar Choudwar RTSS	00:25 00:45 00:40 00:24 00:11 00:04 00:12 00:39			0.076169	-	-
				12:50	00:29	132kV Mania-OCL Feeder	Remote end Tripping							
				14:34	02:13	220kV Cuttack-Bidanasi CKT I & II	Remote end Tripping 220kV Bidanasi- Cuttack CKT I & II H/T at Cuttack end due to overloading and alternate power supply availed from Phulnakharaa end.							
				16:42	04:21	132kV Mania-ICCL Feeder	Remote end Tripping							
				13:10	00:49	132kV Brajabiharipur-BPPL Feeder	Distance Protection, At BPPL end, Fault Distance-5.4km, Ir-0.19kA, ly- 0.09kA, lb-5.19kA. mAt Brajabiharipur end, O/C & E/F Back up relay pick up in B-phase							
				15:07	02:46	132kV Jagatsinghpur-Cuttack Feeder	Remote end Tripping							

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104	Borigumma	19.04.24	12:30	12:45	00:15	132kV Jayanagar-Borigumma Feeder	At Jayanagar end: Zone 1, B-N, Dist-9.28km, Ib- 0.787kA	Borigumma	00:15	-	-	0.002305	132kV Nabarangpur-Borigumma Line was under S/D.	-
105	Tentulikhunti	19.04.24	12:43	13:06	00:23	132kV Tentulikhunti-Jayanagar Feeder	E/F (B Ph), Ib- 0.64kA	-	-	-	-	-	-	-
106	Laxmipur	19.04.24	13:31	17:59	04:28	220kV Jayanagar-Laxmipur CKT I	At Laxmipur end: R-Y, Zone 1, Dist-9.3km, Ir-2.45kA At Jayanagar end: R-Y, Zone 2, Dist-58.1km, Ir- 0.199kA, ly- 0.113kA	-	-	-	-	-	-	-
				18:00	04:29	220kV Jayanagar-Laxmipur CKT II	At Laxmipur end: B-N, Zone 1, If-3.1kA At Jayanagar end: B-N, Zone 2, Dist-63.32km							
107	Meramundali	19.04.24	13:49	15:11	01:22	220kV Meramundali-Kaniha NTPC CKT I	Main 1: B-N, Zone 1, Dist- 2.808km, Ib- 15.3kA Main-2: B-N, Zone 1, Dist- 2.8km, Ib- 15.07kA	-	-	-	-	-	-	-
108	Bolangir New	19.04.24	16:27	18:08	01:41	132kV Bolangir New-Bolangir CKT I & II	Distance Protection, Ia- 532A, Ib- 2.813kA, Ic-2.514kA, Distance-34.54km	Bolangir New, AFTAB Solar Bolangir old Patnagarh, Pa } Nuapada, ALEX Solar, JYOTI Solar, Nuapada RTSS Sonepur, Birmaharajpur, Boudh,	00:23	-	-	0.045736	At 16:50hrs, 132kV Main bus charged through 160MVA Auto-II & III. At 18:40hrs, 160MVA Auto-I charged.	-
				16:51	00:24	132kV Bolangir New-Patnagarh CKT I, II	Remote end Tripping		00:17					
				16:51	00:24	132kV Patnagarh-Padampur Feeder			00:24					
				16:51	00:24	132kV Nuapada-Padampur Feeder								
				18:08	01:41	132kV Boudh-Sonepur Feeder								
				18:08	01:41	132kV Sonepur-Birmaharajpur Feeder			01:41					
109	Dabugaon	19.04.24	17:55	18:50	00:55	12.5MVA TRF I & II	TRF I: O/C, Ir- 1.63kA, ly- 1.56kA, Ib- 1.76kA TRF II: O/C, Ir- 1.74kA, ly- 1.64kA, Ib- 1.79kA	Dabugaon, Umerkote	00:50	-	-	0.029865	Both the TRFs pulled out due to 33kV feeder fault	-
110	Choudwar	19.04.24	18:23	18:50	00:27	132kV Bidanasi-Choudwar Feeder	At Bidanasi end: Zone 2, Dist-7.44km, Ir- 1.055kA, ly- 1.25kA, Ib- 4.97kA At Choudwar end: O/C (R-Y-B), Zone 4, Dist- -0.199km, Ir- 4.985kA, ly- 1.058KA, Ib- 1.254kA	Choudwar Choudwar RTSS, Mania, OCL	00:27	-	-	0.032456	-	-
				20:54	02:31	132kV Mania-ICCL Feeder	Source failure		00:26					
				18:59	00:36	132kV Mania-OCL Feeder								
111	Pratapsasan	20.04.24	04:33	09:02	04:29	160MVA Auto TRF II	REF, 87T, 86A & 86B operated	-	-	-	-	-	During the tripping Auto TRF I was in service.	-
112	Khajuriakata	20.04.24	11:03	11:13	00:10	132kV Khajuriakata-Nuapatana-Dhenkanal Feeder	B-N, Zone 1, Dist- 28.8km, Ib- 1.316kA	-	-	-	-	-	At that time 132kV Khajuriakata-Meramundali Feeder is in service	-
113	Bhanjanagar	20.04.24	12:36	12:54	00:18	220kV Narasinghpur-Bhanjanagar Feeder	R-N, Zone 1, Dist- 65.62km, Ir- 1.618kA	-	-	-	-	-	-	-
114	Podagada	20.04.24	13:24	14:21	00:57	132kV Podagada-Jayanagar Feeder	Remote end Tripping	Podagada	00:57	-	-	0.002913	Machkund supply failed at Machkund end.	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
115	Bolangir New	20.04.24	16:21	17:59	01:38	132kV Bolangir New-Sonepur-Bolangir Feeder	Y-B, Zone 1, Dist- 21.79km, ly- 3.597kA, lb- 3.214kA	Sonepur, Boudh, Birmaharajpur, GEDCOL Sola	01:38 01:56	-	-	0.070982	-	-
116	Jaleswar	20.04.24	16:55	17:00	00:05	132kV Jaleswar RTSS Feeder	O/C, Ir-0.29kA, lb-0.29kA	Jaleswar RTSS	00:05	-	-	0.000601	-	-
117	Rayagada	20.04.24	16:57	17:25	00:28	132kV Rayagada-Therubali Feeder	At Therubali end: E/F (B-N), lb- 3.6kA	Rayagada Rayagada RTSS	00:28 00:29	-	-	0.009151	-	-
118	Rengali	20.04.24	18:52	20:21	01:29	220kV Rengali S/Y-Rengali PG CKT I	O/C (R-Y-B Ph), Ir- 1.055kA, ly- 5.677kA, lb- 1.64kA	-	-	-	-	-	-	-
				22.04.24 19:30	24:38:00	220kV Rengali-Deogarh Feeder	B-N, Zone 1, Dist- 0.2km, lb- 12.47kA							
119	Polasponga	20.04.24	23:03	23:07	00:04	132kV Joda-Polasponga Feeder	O/C, Zone 1, Ir- 0.501kA, ly- 0.433kA, lb- 0.317kA	Polasponga, ESIL, OSISL, Patnaik teel, Polasponga RT S, MSP	00:04 00:05	-	-	0.004004	-	-
120	Bhawanipatna	21.04.24	02:07	02:10	00:03	132kV Bhawanipatna-Lanjigarh RTSS Feeder	O/C	Lanjigarh RTSS	00:03	-	-	0.000323	-	-
121	Joda	21.04.24	09:47	09:51	00:04	132kV Joda-Bansapani RTSS Feeder	O/C, If- 0.26kA	Bansapani RTSS	00:04	-	-	0.000550	-	-
122	Khuntuni	21.04.24	10:51	11:00	00:09	132kV ICCL-Khuntuni Feeder	B-N, Zone 1, Dist- 9.3km, lb- 1.641kA	-	-	-	-	-	-	-
123	Narasinghpur	21.04.24	12:36	12:54	00:18	220kV Narasinghpur-Bhanjanagar Feeder	R-N, Zone 1, Dist- 34.55km, Ir- 1.687kA	-	-	-	-	-	-	-
124	Nayagarh	21.04.24	16:05	16:25	00:20	33kV Bus Nayagarh	E/F	Nayagarh	00:20	-	-	0.016705	-	-
125	Polasponga	21.04.24	17:15	17:17	00:02	132kV Polasponga RTSS Feeder	O/C, Ir- 0.3kA, ly- 0.27kA	Polasponga RTSS	00:02	-	-	0.000290	-	-
126	Muniguda	21.04.24	17:27	17:34	00:07	132kV Muniguda-Bissam Cuttack RTSS Feeder	E/F, Ir- 3.68kA	Bissam Cuttack RTSS	00:07	-	-	0.000686	-	-
127	Chatrapur	21.04.24	23:28	22.04.24 00:08	00:40	132kV Balugaon-Chatrapur Feeder	R-N, A/R Lockout, Dist- 37.4km , Zone 1, Ir- 2kA	-	-	-	-	-	-	-
128	Mohana	22.04.24	10:38	11:01	00:23	132kV Mohana-Digapahandi Feeder	At Digapahandi end: E/F (B Ph), lb- 1.04kA	Mohana	00:23	-	-	0.002566	132kV Mohana-AKhusingh line under S/D from 10:38 Hr to 15:53 Hr	-
129	Telkoi	22.04.24	13:53	14:25	00:32	220kV Telkoi-TTPS Feeder	At Telkoi end: B-N, Zone 1, Dist- 56.80, lb- 0.737kA At TTPS end: B-N, lb- 0.111kA	-	-	-	-	-	Availed supply from 220kV Telkoi-Joda feeder during the tripping.	-
130	Meramundali	22.04.24	14:04	16:48	02:44	220kV Meramundali-Nalco CKT I	Main 1- R-N, Zone 2, Dist- 10.57km, Ir- 9.442kA; Main 2- R-N, Zone 2, Dist- 10.45km, Ir- 9.436kA	-	-	-	-	-	-	-
131	Balugaon	22.04.24	22:32	22:52	00:20	132kV Balugaon-Solari RTSS Feeder	Distance Protection,Earth Fault, Yph O/C &E/F,Dist-0.6km,IR-0A,IY- 2929A,IB-22A,IG-2946A,Yph O/C&E/F,IR-0A,IY-3kA,IB-0.03kA	Solari RTSS	00:20	-	-	0.001359	-	-
132	Polasponga	23.04.24	03:31 07:32	03:33 07:34	00:02 00:02	132kV Polasponga RTSS Feeder	O/C, Ir- 0.3kA, ly- 0.213kA O/C, Ir- 0.299kA, ly- 0.252kA	Polasponga RTSS	00:04	-	-	0.000580	-	-
133	Joda	23.04.24	07:39	07:45	00:06	132kV Joda-Bansapani RTSS Feeder	At Joda end: O/C, If- 0.27kA	Bansapani RTSS	00:06	-	-	0.000825	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
134	Atri	23.04.24	11:04	12:22	01:18	220kV Narendrapur-Atri CKT I	At Narendrapur end: B-N, Zone 1, Dist- 48.81km, lb- 1.862kA At Atri end: B-N, Zone 1, Dist- 90.46km, lb- 1.817kA	-	-	-	-	-	-	-
				14:25	14:25	220kV Narendrapur-Atri CKT II	At Atri end: R-Y, Zone 1, Dist- 90.15km, lr- 2.363kA, ly- 2.156kA At Narendrapur end: Main 1- R-Y-B, Zone 1, Dist- 47.86km, lr- 2.638kA, ly- 2.833kA; Main 1- R-Y-B, Zone 1, Dist- 48.17km, lr- 2.6kA, ly- 2.8kA;							
135	Pratapsasan	23.04.24	14:22	14:38	00:16	220kV Main Bus-1 of Pratapsasan	Bus bar Protection and 96 relay operated.	Pratapsasan Badagada Phulnakhara Jagatsinghpur	00:16 00:08 00:20 00:10	-	-	0.029510	-	-
				14:47	00:25	132kV Phulnakhara-Bhubaneswar Feeder	O/C767.9,762.5,815.1A							
				14:48	00:26	132kV Jagatsinghpur-Cuttack Feeder	Remote end Tripping							
				14:44	00:22	132kV Nimapara-Pratapsasan Feeder	Distance ProtectionZ1 , BN, D- 24.05km , la-493.4A , lb-2.165kA , lc- 310.5A,							
136	Podagada	24.04.24	07:11	07:56	00:45	132kV Podagada-Jayanagar Feeder	Machhkund supply failure	Podagada, Potangi Rayagada, Rayagada RTSS	00:20 00:21	-	-	0.009306	-	-
				18:13	11:02	132kV Podagada-Potangi Feeder								
				08:12	01:01	132kV Rayagada-Podagada Feeder								
137	Aska New	24.04.24	10:33	10:47	00:14	220kV Therubali-Aska New Feeder	At Aska New end: E/F (B Ph), Zone 2, Dist- 117.5km, lb- 0.792kA, A/R lock out At Therubali end: E/F (B Ph), Zone 2, Dist- 64.67km, lb- 1.45kA	-	-	-	-	-	-	
138	Joda	24.04.24	17:35	17:39	00:04	132kV Joda-Bansapani RTSS Feeder	At Joda end: Dir. O/C, lf- 0.26kA	Bansapani RTSS	00:04	-	-	0.000550	-	-
139	Podagada	25.04.24	08:21	08:33	00:12	132kV Rayagada-Podagada Feeder	Machhkund supply failure	Podagada, Rayagada, Rayagada RTSS	00:12	-	-	0.004491	-	-
140	Kesinga	25.04.24	10:44	10:47	00:03	132kV Kesinga-Khariar Feeder	O/C, ly-0.44kA	Khariar, Kantabanji, Kantabanji RTSS Nuapada, Nuapada RTSS, Padampur, Dakshin UPL 132kV	00:03 00:04	-	-	0.005537	-	-
				10:47	00:03	132kV Khariar-Nuapada Feeder	Tripped due to overloading from Kesinga							
				10:47	00:03	132kV Nuapada-Padampur Feeder								
				11:04	00:20	132kV Padampur-DOUPL Feeder								
141	Kesinga	25.04.24	11:20	12:18	00:58	132kV Kesinga-Saintala Feeder	O/C, lr- 0.44kA, ly- 0.42kA, lb- 0.46kA	-	-	-	-	-	-	-
142	Chatrapur	25.04.24	11:53	11:56	00:03	132kV Chatrapur-Rambha RTSS Feeder	O/C (R-Y), lr- 0.27kA, ly- 0.23kA	Rambha RTSS	00:07	-	-	0.000600	-	-
			12:13	12:17	00:04		O/C (R-Y), lr- 0.27kA, ly- 0.28kA							
143	Narendrapur	25.04.24	14:00	14:12	00:12	220kV Narendrapur-Tata Steel CKT II	O/C (Y & B Ph)	-	-	-	-	-	-	-
144	Aska	26.04.24	05:20	08:33	03:13	132kV Aska New-Aska CKT I	At Aska New end: Y-N, Zone 1, Dist- 4.91km, ly- 3.279kA At Aska end: Y-N, Zone 1, Dist- 2.07km, ly- 7.628kA	-	-	-	-	-	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 & B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
145	Nimapara	26.04.24	07:25	07:34	00:09	132kV Nimapara-Pratapsasan Feeder	R-N, Zone 4, Dist- 0.188km, Ir- 2.517kA	Nimapara Samangara, Satasankha, Malatipatapur } RTSS Konark	00:08	-	-	0.023023	Power supply availed from GSS Pratapsasan	-
			07:25	08:00	00:35	132kV Chandaka-Nimapara Feeder	R-N, Zone 4, Dist- 0.674km, Ir- 1.77kA		00:18					
			07:26	07:45	00:19	132kV Samangara-Nimapara Feeder	Zone 1, Dist- 21.1km, Ir- 0.54kA		00:26					
			07:27	07:45	00:18	132kV Samangara-Satasankha CKT I & II	Remote end Tripping D/P, Zone 1, Ir- 0.54kA							
146	Bhadrak	26.04.24	12:09	19:26	07:17	220kV New Duburi-Bhadrak Feeder	At Bhadrak end: Main 1- B-N, Zone 1, Dist- 0.273km, SOTF, Ib- 3.408kA; Main 2- Dist- 0.735km, Ib- 3.351kA At New Duburi end: Distance Protection	-	-	-	-	-	-	-
147	Podagada	26.04.24	13:20	13:27	00:07	132kV Rayagada-Podagada Feeder	At Podagada end: R-N, Zone 1, Dist- 82.3km, Ir- 0.71kA At Rayagada end: E/F (R-N), Zone 1, Dist- 82.3km, Ir- 0.71kA	Rayagada	00:07	-	-	0.001542	-	-
148	Bamra	26.04.24	13:32	14:24	00:52	220kV Budhipadar-Bamra Feeder	E/F (B-N), Zone 1, Dist- 8.7km, Ib- 2.575kA	-	-	-	-	-	-	-
149	Bhanjanagar	26.04.24	15:15	15:29	00:14	220kV Bhanjanagar-Therubali CKT II	R-N, Zone 1, Dist- 115km, Ir- 1.06kA	-	-	-	-	-	-	-
150	Rayagada	26.04.24	17:20	17:29	00:09	132kV Rayagada-Podagada Feeder	At Rayagada end: Zone 1, Dist- 25.43km, Ir- 0.193kA, ly- 0.158kA, Ib- 0.264kA At Podagada end: R-N, Zone 1, Dist- 53.7km, Ir- 0.95kA	Rayagada	00:05	-	-	0.001101	-	-
151	Chikiti	26.04.24	19:15	19:27	00:12	132kV Chikiti-Digapahandi CKT II	R-N, Zone 1, Dist- 3.458km, Ir- 1.416kA	-	-	-	-	-	-	-
152	Purusottampur	26.04.24	19:34	20:48	01:14	132kV Purusottampur-Aska Feeder	At Purusottampur end: R-N, Zone 1, Dist- 15.3km, Ir-1.88kA At Aska end: R-N, Zone 1, Dist- 15.97km, Ir-3.008kA	-	-	-	-	-	-	-
153	Balasore	27.04.24	12:52	15:14	02:22	132kV Balasore-Chandipur Feeder	Y-N, Zone 1, Dist- 6.03km, ly- 8.071kA	-	-	-	-	-	-	-
154	Marshaghai	27.04.24	13:48	14:00	00:12	132kV Marsaghai-Kendrapara Feeder	At Marshaghai end: B-N, Zone 1, Ib- 2.32kA At Kendrapara end: B-N, Zone 1, Dist- 10.81km, Ib- 2.303kA	-	-	-	-	-	132kV Paradeep-Mashaghai Feeder was in service	-
155	Muniguda	28.04.24	08:15	08:19	00:04	132kV Muniguda-Bissam Cuttack RTSS Feeder	O/C	Bissam Cuttack RTSS	00:04	-	-	0.000392	-	-
156	Lapanga	28.04.24	11:45	14:50	03:05	132kV Lapanga-Jharsuguda Feeder	O/C (R-B), Zone 1, Ir- 0.05kA, ly- 0.02kA	-	-	-	-	-	-	-
			15:49	04:04	04:04	132kV Budhipadar-Lapanga Feeder	At Lapanga end: R-B Ph, Dist- 4.9km, Ir- 5.97kA, Ib- 5.97kA At Budhipadar end: O/C (R Ph), Dist- 13.4km, Ir- 4.56kA							

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
157	New Duburi	28.04.24	12:16	15:31	03:15	220kV New Duburi-JSL CKT I	At New Duburi end: E/F (R Ph), Dist- 3.1km, Ir- 5.1kA At JSL end: DTT trip	-	-	-	-	-	-	-
158	Meramundali	28.04.24	12:46	15:19	02:33	220kV Meramundali-Narasinghpur Feeder	At Meramundali end: Main 1- R-Y Ph, Zone 1, Dist- 8.535km, Ir- 16.64kA, ly- 16.13kA; Main 2- R-Y Ph, Zone 1, Dist- 8.6km, Ir- 15.8kA, ly- 15.59kA At Narasinghpur end: R-Y Ph, Zone 1, Dist- 45.42km, Ir- 1.2kA, ly- 1.67kA	-	-	-	-	-	-	-
159	Infocity-II	28.04.24	17:54	18:10	00:16	40MVA TRF II	At Atri end: Y-N, Zone 1, Dist- 0.739km, ly- 10.71kA	Infocity-II	00:16	-	-	0.002971	Alternate supply was availed from Mendhasal Grid end via 220kV	-
160	Bhadrak	28.04.24	17:58	20:16	02:18	220kV Infocity II-Atri Feeder 132kV Bhadrak-Dhamara port Feeder	O/C (R Ph), Zone 1, Dist- 51.26km, Ir- 1.828kA	Dhamara port	02:18	-	-	0.020920	-	-
161	Kuchinda	29.04.24	07:58	08:10	00:12	132kV Kuchinda-SMC Power Feeder	O/C, R-Y-N, Ir- 0.848kA, ly- 0.865kA	-	-	-	-	-	-	-
162	Jharsuguda	29.04.24	07:58	08:20	00:22	132kV Lapanga-Jharsuguda Feeder	At Jharsuguda end: O/C, ly- 3.671kA At Lapanga end: Y-N, Zone 1, ly- 4.2kA	-	-	-	-	-	-	-
163	Bhadrak	29.04.24	08:15	11:59	03:44	160MVA Auto TRF II	Malfunction of OSR due to rain.	-	-	-	-	-	100MVA Auto -I and 160MVA Auto-III were in service	-
164	Bhanjanagar	29.04.24	12:25	13:23	00:58	220kV Mendhasal-Bhanjanagar Feeder	R-N, Zone 1, Dist- 57.73km, Ir- 2.244kA	-	-	-	-	-	-	-
165	Polasponga	29.04.24	13:40	13:42	00:02	132kV Polasponga-Kendujhargarh RTSS Feeder	O/C, Ir- 0.02kA, ly- 0.245kA, lb- 0.064kA	Kendujhargarh RTSS	00:02	-	-	0.000290	-	-
166	Rayagada	29.04.24	13:43	13:49	00:06	132kV Rayagada-Podagada Feeder	At Podagada end: R-Y-B, Zone 2, Dist- 70.9km, Ir- 0.82kA, ly- 0.81kA, lb- 0.77kA	Rayagada Rayagada RTSS	00:25 00:03	-	-	0.005814	-	-
			13:51	14:52	01:01	At Rayagada end: Y-B, Zone 1, Dist- 41.84km, Ir- 0.218kA, ly- 0.181kA, lb- 0.174kA								
167	Mohana	29.04.24	16:06	16:16	00:10	132kV Mohana-Digapahandi Feeder	At Mohana end: E/F (Y Ph), Zone 1, Dist- 40.79km, ly- 1.612kA At Digapahandi end: E/F (Y Ph), Zone 1, Dist- 40.79km, ly- 1.612kA	Mohana	00:10	-	-	0.001116	Mohana-Akhusingh Line under S/D from 16:06Hrs to 20:42hrs	-
168	Bhawanipatna	30.04.24	02:33 03:04	02:37 03:08	00:04 00:04	132kV Bhawanipatna-Bhawanipatna RTSS Feeder	O/C	Bhawanipatna RTSS	00:08	-	-	0.000027	-	-
169	Joda	30.04.24	07:34	07:36	00:02	132kV Joda-Bansapani RTSS Feeder	Dir O/C, If- 0.26kA	Bansapani RTSS	00:02	-	-	0.000275	-	-
170	Bhanjanagar	30.04.24	10:57	12:54	01:57	220kV Bhanjanagar-Therubali CKT I	R-N, Zone 1, Dist- 142.3km, Ir- 1.164kA	-	-	-	-	-	-	-
171	Kharagprasad	30.04.24	12:55	19:41	06:46	132kV Kharagprasad-MGM Feeder	Y-B Ph, Zone 2, Dist- 6.034km, ly- 7.205kA, lb- 6.810kA	MGM	06:46	-	-	0.000935	Wavetrap jumper & breaker to DI Jumper snapped	-
172	Bhawanipatna	30.04.24	16:08 17:05	16:10 17:07	00:02 00:02	132kV Bhawanipatna-Lanjigarh RTSS Feeder	O/C, ly- 0.264kA, lb- 0.259kA O/C, Ir- 0.264kA, lb- 0.259kA	Lanjigarh RTSS	00:04	-	-	0.000431	-	-
173	Muniguda	30.04.24	17:05	17:06	00:01	132kV Muniguda-Bissam Cuttack RTSS Feeder	O/C, Ir- 0.264kA, lb- 0.262kA	Bissam Cuttack RTSS	00:01	-	-	0.000098	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
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Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
174	Laxmipur	30.04.24	18:46	03-05-24 12:40	17:54	220kV Laxmipur-Utkal Alumina CKT I	Rph, Zone 2, Dist- 27.71km, Ir- 3.53kA	-	-	-	-	-	220kV Laxmipur -Aditya CKT II (Utkal Alumina CKT) was in service	-
175	Chatrapur	30.04.24	23:25	23:31	00:06	132kV Balugaon-Chatrapur Feeder	O/C (Y & B Ph), ly- 0.44kA, lb-0.45kA	Balugaon, Solari RTSS Chandpur MGM Vivacity	00:06 00:11 00:09 00:12	-	-	0.006575	Due to Over Loading as Chandpur load was over balugaon GSS and Balugaon GSS, Drawing P/S from GSS, Chatrapur	-
176	Chandpur	01.05.24	00:09	00:58	00:49	132kV Atri-Chandpur Feeder	<u>At Chandpur end:</u> R-Y Ph, Dist- 14.8km, Ir- 1.07kA, ly- 1.14kA <u>At Atri end:</u> R-Y Ph, Dist- 25.79km, Ir- 4.52kA, ly- 4.3kA	-	-	-	-	-	132kV Chandpur GSS availed supply from Balugaon end.	-
177	Bhanjanagar	01.05.24	11:31	15:29	03:58	220kV Bhanjanagar-Nayagarh Feeder	<u>At Bhanjanagar end:</u> B Ph, Zone 1, A/R Lock out, Dist- 11.71km, lb- 5.962kA	-	-	-	-	-	-	-
			11:37	15:24	03:47	220kV Mendhasal-Bhanjanagar Feeder	<u>At Bhanjanagar end:</u> R Ph, Zone 1, Dist- 6.261km, Ir- 6.372kA							
178	Atri	01.05.24	16:10	19:02	02:52	132kV Atri-Chandpur Feeder	<u>At Atri end:</u> R-Y-B Ph, Zone 1, Dist- 18.98km, Ir- 4.72kA, ly- 4.85kA, lb- 4.63kA <u>At Chandpur end:</u> R-Y-B Ph, Zone 1, Dist- 26.4km, Ir- 1.08kA, ly- 1.17kA, lb- 1.16kA	-	-	-	-	-	132kV Chandpur GSS availed supply from Balugaon end.	-
179	Nuapatna	01.05.24	16:33	16:38	00:05	132kV Nuapatna-Arati Steel Feeder	<u>At Nuapatna end:</u> E/F, O/C	-	-	-	-	-	-	-
			16:39	00:06	12.5MVA TRF III	E/F								
180	Kesura	01.05.24	18:15	19:09	00:54	132kV Kesura-Ranasinghpur Feeder	<u>At Kesura end:</u> O/C (Y Ph), Zone 1, ly- 5.529kA	-	-	-	-	-	Idle Charged from Kesura end	-
181	Bhubaneswar	01.05.24	18:25	18:54	00:29	132kV Phulnakhara-Bhubaneswar Feeder	<u>At Bhubaneswar end:</u> Y-B Ph, ly- 3.444kA, lb- 3.42kA	Phulnakhara	00:29	-	-	0.0181899	-	-
			18:56	00:31	132kV Phulnakhara-Pratapsasan CKT I	<u>At Pratapsasan end:</u> Y-B Ph, Zone 2, Dist- 14.73km, ly- 2.95kA, lb- 2.87kA <u>At Phulnakhara end:</u> Y-B Ph, Zone 2, Dist- 3.615km, ly- 5.461kA, lb- 5.529kA								
182	Baripada	01.05.24	20:57	02.05.24 02:30	05:33	132kV Baripada -Baripada PG Feeder	<u>At Baripada end:</u> O/C (Y Ph), ly- 5.05kA	Baripada Betanati	00:34 00:24	-	-	0.023754	Y-Ph LA of 132kV Baripada-Baripada PG Feeder punctured at Baripada grid end	-
			21:30	00:33	132kV Baripada-Betanati Feeder	At Betanati end: Y Ph, Dist- 14.95km								
183	Palasponga	02.05.24	10:49	10:51	00:02	132kV Palasponga-Kendujhargarh RTSS Feeder	At Palasponga end: O/C, Ir- 0.301kA, ly- 0.27kA	Kendujhargarh RTSS	00:02	-	-	0.000306	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
184	Lapanga	02.05.24	12:06	14:31	02:25	132kV Lapanga-Jharsuguda Feeder	At Lapanga end: R-Y Ph, Zone 1, Dist- 2.8km, Ir- 11.16kA, ly- 12.66kA At Jharsuguda end: R-Y Ph, Zone 2, Dist-9.432km, Ir- 8.079kA, ly- 8.512kA	-	-	-	-	-	-	-
185	Saintala	02.05.24	12:55	13:03	00:08	132kV Saintala-BEL Solar Feeder	At Saintala end: Differential Relay	BEL	00:15	-	-	0.000006	-	-
				13:05	00:10	132kV Saintala-Tusura Feeder	At Saintala end: R-B Ph, Zone 1, Dist- 20.45km, Ir- 4.751kA, Ib- 5.03kA At Tusura end: E/F							
186	Budhipadar	02.05.24	13:06	15:55	02:49	220kV Budhipadar-Bhusan CKT II	At Budhipadar end: E/F (B Ph), Zone 2, Dist- 15.07km, Ib- 11.14kA	Bhusan	00:25	-	-	0.017900	-	-
			13:10	13:35	00:25	220kV Budhipadar-Bhusan CKT I	At Budhipadar end: E/F (B Ph), Zone 2, Dist- 12.97km, Ib- 8.855kA							
187	Narendrapur	02.05.24	14:32	18:31	03:59	220kV Narendrapur-Atri CKT I	At Narendrapur end: Main 1- Y-B Ph, Zone 1, Dist- 56.24Km, ly- 1.659kA, Ib- 2.644kA; Main 2- Y-B Ph, Zone 1, Dist- 56.24km, ly-2.632kA, Ib- 2.524kA At Atri end: Y-B Ph, Zone 1, Dist- 76.18km, ly- 2.555kA, Ib- 2.476kA	-	-	-	-	-	-	-
188	Kesinga	02.05.24	14:45	15:38	00:53	220kV Kesinga-Bolangir PG Feeder	At Kesinga end: E/F (R Ph), Dist- 6.5km, Ir- 1.33kA	-	-	-	-	-	-	-
189	Aska New	02.05.24	19:48	20:01	00:13	132kV Aska New-Digapahandi Feeder	At Digapahandi end: Ir- 0.298kA, ly- 0.402kA, Ib- 0.11kA, Zone 3, Dist- 75.42km	Aska New	-	-	-	-	Weather Condition: Heavy Rain and Thunderstorm	-
			03.05.24 09:02	13:14	13:14	132kV Hinjili-Aska New Feeder	At Aska New end: O/C (R-Y), Zone 1, Dist- 1.634km, Ir- 9.247kA, ly- 9.026kA At Hinjili end : O/C (R-Y), Zone 2, Dist- 24.53km, Ir- 1.012kA, ly- 1.197kA							
190	Bidanasi	03.05.24	07:09	09:07	01:58	132kV Bidanasi-Choudwar Feeder	At Bidanasi end: Y-B Ph, Zone 1, Dist- 10.1km, ly- 1.04kA, Ib- 5.31kA At Choudwar end: O/C (R-B), Zone 1, Dist- 2.14km, Ir- 4.94kA, Ib- 1.04kA	-	-	-	-	-	Auto Reclosure successful	-
191	Telkoi	03.05.24	08:24	08:42	00:18	220kV Telkoi-Joda Feeder	At Telkoi end: B-N, Zone 1, Dist- 78.2km, Ib- 1.142kA At Joda end: B-N, Zone 1, Dist- 6.38km, Ib- 2.94kA	-	-	-	-	-	220kV Telkoi-TTPS feeder was in service during tripping of said feeder.	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
192	Therubali	03.05.24	12:31	13:11	00:40	220kV Therubali-Indravati CKT I	At Therubali end: R-N, Zone 1, Dist- 39.81km, Ir- 3.114kA At Indravati end: R-N, Zone 1, Dist- 77km, Ir- 0.211kA	-	-	-	-	-	-	-
193	Joda	03.05.24	12:32	15:18	02:46	220kV Joda-JSPL Feeder	At Joda end: E/F At Jindal end: Y Ph, ly- 0.718kA	JSPL	02:48	-	-	0.134975	During tripping Joda GSS availed power from 220kV Joda-TTPS CKT I (Telkoi), 220kV Joda-Ramchandrapur CKT.	-
				15:18	02:46	220kV JSPL-Jamshedpur Feeder	At Joda end: E/F At Jamshedpur end: Y Ph, Zone 2, Dist- 147km,ly- 0.77kA							
				15:37	03:05	220kV Joda-TTPS Feeder	At TTPS end: Ir- 0.019kA, ly- 0.076kA, lb- 0.125kA							
194	Tarkera	03.05.24	12:54	13:36	00:42	132kV Tarkera-Chend CKT I & II	At Tarkera end: B-N, Zone 2, lb- 5.225kA	Chend Adhunik Metallic Nuagaon RTSS Sri Ganesh Metallics	00:42 06:14 00:37 06:12	-	-	0.071664	Main bus insulator punctured at Chend GSS resulting in pull-out.	-
195	Lephripada	03.05.24	14:50	15:17	00:27	220kV Budhipadar-Lephripada Feeder	At Budhipadar end: O/C (B Ph), Zone 1, Dist- 7.6km, lb- 4.89kA	Lephripada, Basundhara	00:27	-	-	0.006452	-	-
196	Tarkera	03.05.24	16:11	16:35	00:24	132kV Tarkera-Rajgangpur CKT II	At Tarkera end: Y-N, Zone 1, Dist- 3.577km, ly- 6.417kA At Rajgangpur end: Y-N, Zone 1, Dist- 26.01km, ly- 1.37kA	-	-	-	-	-	-	-
197	Palasponga	03.05.24	17:19	17:21	00:02	132kV Palasponga-Kendujhargarh RTSS Feeder	At Palasponga end: O/C, Ir- 0.308kA, ly- 0.253kA, lb- 0.019kA	Kendujhargarh RTSS	00:02	-	-	0.000306	-	-
198	Kasipur	03.05.24	17:39	18:20	00:41	220kV Therubali-Kasipur Feeder	At Therubali end: B-N, Zone 2, Dist- 61.45km, lb- 2.821kA	Kasipur	01:03	-	-	0.002882	-	-
				18:20	00:41	220kV Kasipur-Jayapatna Feeder	At Jayapatna end: SOTF, O/C (B-Ph) & E/F, Zone-2 ,Dist- 37km, lb- 3.05kA							
				18:42	01:03	20MVA TRF I	Main Bus PT Burst at Kasipur							
199	Joda	04.05.24	00:47	00:51	00:04	132kV Joda-Bansapani RTSS Feeder	At Joda end: O/C, If- 0.27kA	Bansapani RTSS	00:04	-	-	0.000608	-	-
200	Chend	04.05.24	10:27	12:39	02:12	132kV Chend-SGML Feeder	At Chend end: B-N, Zone 1, Dist- 10.59km, ib- 2.761kA	Sri Ganesh Metallics	02:12	-	-	0.008432	-	-
201	Purusottampur	04.05.24	11:42	18:37	06:55	132kV Purusottampur-Aska Feeder	At Purusottampur end: O/C (R-Y), Zone 1, Dist- 22.7km, Ir- 2.3kA, ly- 2.3kA At Aska end: O/C (R-Y), Zone 1, Dist- 4.72km	-	-	-	-	-	During interruption, power supply availed through 132kV Purushottampur-Chatrapur Feeder.	-
202	Palasponga	04.05.24	11:52	11:54	00:02	132kV Palasponga-Kendujhargarh RTSS Feeder	At Palasponga end: O/C, Ir- 0.301kA, ly- 0.208kA	Kendujhargarh RTSS	00:02	-	-	0.000306	-	-
203	Chatrapur	04.05.24	12:20	12:28	00:08	132kV Balugaon-Chatrapur Feeder	At Chatrapur end: O/C (Y-B), E/F, Ir- 0.34kA, ly- 0.44kA, lb- 0.44kA No tripping at Balugaon end	-	-	-	-	-	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 & B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
			13:46	13:53	00:07		At Chatrapur end: O/C (Y-B), E/F, Ir- 0.35kA, ly- 0.45kA, lb- 0.44kA No tripping at Balugaon end							
204	Kalunga	05.05.24	03:06	03:26	00:20	132kV Budhipadar-Kalunga Feeder	At Budhipadar end: O/C (R Ph), Zone 1, Dist- 2.96km, Ir- 3.17kA At Kalunga end: O/C (R Ph), Zone 1, Dist- 69.8km, Ir- 1.132kA			-	-	-	Burst of B-ph insulator	
			10:19	17:33	07:14		At Budhipadar end: O/C (B Ph), Zone 1, Dist- 9.025km, lb- 7.062kA At Kalunga end: O/C (B Ph), Zone 1, Dist- 74.26km, lb- 0.873kA			-	-	-		-
205	Kuchinda	05.05.24	11:02	12:55	01:53	132kV Kuchinda-SMC Power Feeder	At Kuchinda end: O/C (Y Ph), Zone 2, Dist- 46.96km, ly- 0.811kA At SMC end: O/C (Y Ph), Zone 2, Dist- 6.516km, ly- 6.083kA			-	-	-		-
206	Chainpal	05.05.24	11:44	12:42	00:58	132kV Meramundali-Chainpal CKT II	At Chainpal end: E/F, ly- 4.5kA	Chainpal, Talcher Fertiliser	00:34			0.094666		
			13:58	02:14	02:14	132kV Meramundali-Chainpal CKT I	At Meramundali end: O/C, ly- 10.57kA At Chainpal end: Zone 2, Dist- 7.63km, ly- 3.6kA	Chainpal RTSS Global, Heavy Water, TTPS Angul, MCL	00:44 00:57 00:46	-	-			-
			12:01	12:54	00:53	132kV Chainpal-Global-TFL Feeder	Source Failure at GSS Chainpal as AUTO TRF I tripped at TTPS end	Boinda, Boinda RTSS	00:13					
			14:05	02:04	02:04	132kV Chainpal-TTPS CKT I & II	At TTPS end: 160MVA AUTO TRF-I tripped on O/C							
207	Duburi	05.05.24	12:00	12:22	00:22	132kV Duburi-JFAL Feeder	At Duburi end: O/C, Ir- 0.58kA, ly- 0.63kA, lb- 0.61kA	JFAL, Sukinda RTSS	00:17			0.000315		
			12:43	00:43	00:43	132kV Gondia-JFAL Feeder	At Gondia end: Remote End Tripping, O/C			-	-			-
			13:08	01:08	01:08	132kV Gondia-TTPS Feeder	At Gondia end: Remote End Tripping							
208	Kamakhyanagar	05.05.24	12:05	13:32	01:27	132kV Kamakhyanagar-Duburi-Goda Feeder	At Goda end: O/C, Ir- 0.396kA, ly- 0.408kA, lb- 0.334kA	Kamakhyanagar, Kamakhyanagar RTSS	01:16			0.026446	Grid black out at Kamakhyanagar end. Both incomers are failed from Goda and OPCL end.	
			12:13	13:30	01:17	132kV Main Bus Kamakhyanagar	At Kamakhyanagar end: O/C, lb- 0.4kA			-	-			-
209	Podagada	05.05.24	21:44	21:55	00:11	132kV Podagada-Jayanagar Feeder	Machkund supply failure	Rayagada Rayagada RTSS	00:34 00:03	-	-	0.008023		-
210	Podagada	06.05.24	14:04	16:08	02:04	132kV Podagada-Jayanagar Feeder	Machkund supply failure	Rayagada Rayagada RTSS	00:13 00:02	-	-	0.003164		-
211	Aska New	06.05.24	14:49	15:02	00:13	220kV Narendrapur-Aska New Feeder	At Aska New end: E/F (R Ph), Zone 2, Dist- 69.22km, Ir- 1.726kA, A/R lockout			-	-	-		-
212	Digapahandi	06.05.24	15:19	15:25	00:06	132kV Digapahandi- Mohana Feeder	At Digapahandi end: Ir- 0.06kA, ly- 0.7kA, lb- 0.03kA	Mohana	01:45			0.012233		

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 & B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
			15:32	16:10	00:38		At Digapahandi end: Ir- 0.06kA, ly- 0.8kA, lb- 0.03kA							
			16:34	16:44	00:10		At Mohana end: Ir- 0.079kA, ly- 0.493kA, lb- 0.064kA, Dist- 59.5km			-	-		-	-
			16:45	07.05.24 12:34	18:07	132kV Akhusingh-Mohana Feeder	At Mohana end: Distance Protection,At Akhusingh end: Dist=14.3Km, Ir=0.05Ka, ly=0.45Ka, lb=0.04Ka							
213	Kesura	06.05.24	15:23	15:56	00:33	132kV Kesura-Ranasinghpur Feeder	At Kesura end: O/C (R Ph), Zone 1, Dist- 16.46km, Ir- 3.421kA	-	-	-	-	-	Idle Charged from Kesura end	-
214	Meramundali	06.05.24	15:49	19:24	03:35	220kV Meramundali-Kaniha NTPC CKT II	At Meramundali end: R-N, Zone 1, Dist- 12.03km, Ir- 9.853kA At Kaniha end: R-N, Zone 1, Dist- 31.7km, Ir- 3.87kA	-	-	-	-	-	-	-
215	Duburi	06.05.24	16:13	17:25	01:12	132kV Duburi-Jajpur Road CKT II	At Duburi end: B-N, Zone 1, Dist- 4.291km, lb- 8.736kA At Jajpur Road end: B-N, Zone 1, Dist- 8.052km, lb- 2.352kA	-	-	-	-	-	-	-
			20:31	20:31		160MVA Auto TRF II	At Duburi end: WTI HV alarm & WTI HV trip							
216	Khuntuni	06.05.24	17:27	17:47	00:20	132kV Dhenkanal-Khuntuni Feeder	At Khajuriakata end: E/F (B Ph), Zone 1, Dist- 13.2km, lb- 1.825kA	Khuntuni, Shree Cement	00:20			0.007008	At the time of fault 132kV Khajuriakata-Meramundali Feeder was in service.	-
						132kV Khajuriakata-Nuapatana-Dhenkanal Feeder	At Khajuriakata end: B-N, Zone 1, Dist- 13.2km, lb- 1.825kA At Dhenkanal end: B-N, Zone 1, Dist- 16.78km, lb- 1.65kA			-	-			
217	Bangiriposi	06.05.24	19:01	19:53	00:52	132kV Bangiriposi-Baripada PG CKT I	At Baripada PG end: Directional O/C, Ir- 0.18kA, ly- 0.32kA, lb- 2.79kA	Bangiriposi, Rairangpur Karanjia, Dhenkikote	00:52 00:28	-	-	0.034468	-	-
218	Rourkela	06.05.24	19:24	19:35	00:11	40MVA TRF I, 35MVA TRF II, III & IV	O/C	Rourkela	00:11	-	-	0.009765	-	-
219	Jayanagar	06.05.24	19:34	20:07	00:33	132kV Jayanagar-Meenakshi Feeder	At Jayanagar end: R-N, Dist- 43.74km, Ir- 2.3kA	Megalift	00:44	-	-	0.000005	-	-
220	Jayanagar	07.05.24	00:32	00:45	00:13	132kV Jayanagar-Borigumma Feeder	At Jayanagar end: R-N, Zone 1, Dist- 10.27km, Ir- 5.31kA	-	-	-	-	-	-	-
221	Jayanagar	07.05.24	04:35	05:21	00:46	132kV Jayanagar-Meenakshi Feeder	At Jayanagar end: Y-B-N, Zone 2, Dist- 46.22km, Ir- 2.4kA	Megalift	00:46	-	-	0.000006	-	-
222	Jayapatna	07.05.24	05:26	05:44	00:18	220kV Kasipur-Jayapatna Feeder	At Jayapatna end: O/C (R-Ph) & E/F, Zone 1 , Dist-29.97km, Ir- 3.2kA	-	-	-	-	-	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
223	Bolangir New	07.05.24	05:27	06:07	00:40	132kV Bolangir New-Sonepur-Bolangir Feeder	At Bolangir New end: O/C, Ir- 0.605kA, ly- 0.454kA, lb- 0.345kA	Sonepur, Boudh, Birmaharajapur GEDCOL Solar Aditya Birla Solar	00:42 02:15 01:15	-	-	0.054667	-	-
224	Laxmipur	07.05.24	05:29	06:10	00:41	220kV Laxmipur-Therubali CKT II	At Laxmipur end: Y-B Ph	-	-	-	-	-	220kV Laxmipur-Jayanagar CKT II is in service	-
			05:33	05:41	00:08	220kV Jayanagar-Laxmipur CKT I	At Laxmipur end: B-N, Zone 1, Dist- 23.6km, lb- 2.6kA At Jayanagar end: B-N, Zone 1, Dist- 47.6km, lb- 2.99A							
			05:39	05:48	00:09	220kV Laxmipur-NALCO CKT I	At Laxmipur end: Ir- 2.98kA, Zone 1, Dist- 31.72km							
225	Bhawanipatna	07.05.24	05:52	06:00	00:08	132kV Bhawanipatna-Bhawanipatna RTSS Feeder	Fault at Railway end	Bhawanipatna RTSS	02:55	-	-	0.000863	-	-
226	Therubali	07.05.24	06:09	07:06	00:57	132kV Therubali-Bhalumaska RTSS CKT	At Therubali end: B-N, Zone 1, lb- 5.571kA	Bhalumaska RTSS	00:57	-	-	0.002134	-	-
227	Therubali	07.05.24	06:50	07:10	00:20	220kV Therubali-Indravati CKT I	At Therubali end: R-N, Zone 1, Dist- 17.2km, Ir- 4.394kA At Indravati end: R-N, Zone 1, Dist- 125.7km, Ir- 0.799kA	-	-	-	-	-	-	-
228	Podagada	07.05.24	07:05	11:58	04:53	132kV Podagada-Jayanagar Feeder	Machkund supply failure	-	-	-	-	-	-	-
229	Kesinga	07.05.24	07:15	08.05.24 19:36	12:21	132kV Kesinga-POWMEX Feeder	At Kesinga end: E/F, B-Ph conductor of 132kV POWMEX Feeder snapped	Kesinga, Junagarh POWMEX, SADIPALI Solar, Kesinga RTSS, Vento Power Solar Bhawanipatna, Bhawanipatna RTSS, Lanjigarh RTSS, Khariar, Kantabanji, Kantabanji RTSS, Tusura Deogaon RTSS BEL Solar, ABREL Solar, Aditya Solar Ordinance	00:51 00:52 00:55 00:35 00:27 00:22 00:33	-	-	0.110192	220kV Bolangir PG-Kesinga line tripped from Bolangir PG end. All power transformers are pulled out.No power supply to Kesinga command are. Power supply resumed at 08:07 hrs.	-
			08:59	02:09		132kV Kesinga-Bhawanipatna Feeder	At Junagarh end: Y-B, Dist- 50.6km, SOTF							
			08:14	01:09		132kV Bhawanipatna-Junagarh Feeder	At Junagarh end: Y-B, Dist- 50.6km, SOTF							
			08:12	00:57		132kV Kesinga-Junagarh Feeder	At Junagarh end: Y-B, Dist- 50.6km, SOTF							
			07:52	00:37		132kV Kesinga-Khariar Feeder	Transformer Failed from Kesinga end							
			07:38	00:23		132kV Saintala-Tusura Feeder	At Saintala end: O/C							
			07:38	00:23		132kV Saintala-ABREL Feeder	At Saintala end: E/F		00:23					

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
				07:48	00:33	132kV Saintala-BEL Solar Feeder	<u>At Saintala end:</u> E/F							
230	Kendrapara	07.05.24	10:07	10:11	00:04	132kV Kendrapara-Chandikhol Feeder	<u>At Kendrapara end:</u> E/F, Ir- 4.4kA, Iy- 2.2kA, Ib- 3.3kA	-	-	-	-	-	-	-
231	Palasponga	07.05.24	10:33	10:35	00:02	132kV Palasponga-Kendujhargarh RTSS Feeder	<u>At Palasponga end:</u> O/C, Ir- 0.301kA, Iy- 0.235kA, Ib- 0.091kA	Kendujhargarh RTSS	00:02	-	-	0.000306	-	-
232	Bhawanipatna	07.05.24	16:17	16:21	00:04	132kV Bhawanipatna-Lanjigarh RTSS Feeder	O/C	Lanjigarh RTSS	00:04	-	-	0.000473	-	-
233	Joda	08.05.24	04:16	04:20	00:04	132kV Joda-Bansapani RTSS Feeder	<u>At Joda end:</u> O/C, If- 0.27kA	Bansapani RTSS	00:04	-	-	0.000608	-	-
234	Kesinga	08.05.24	10:14	10:48	00:34	132kV Kesinga-VAL Lanjigarh Feeder	<u>At Kesinga end:</u> O/C, Ir- 0.38kA, Iy- 0.4kA, Ib- 0.38kA	-	-	-	-	-	-	-
235	Nuapatna	08.05.24	12:24	12:51	00:27	12.5MVA TRF III	<u>At Nuapatna end:</u> E/F	-	-	-	-	-	-	-
				16:56	04:32	132kV Nuapatana-Banki Feeder	<u>At Nuapatna end:</u> O/C (R-Y), Zone 2, Dist- 19.39km, Ir- 1.06kA, Iy- 1.04kA							
236	Kendrapara	08.05.24	15:58	16:52	00:54	132kV Kendrapara-Pattamundai Feeder	<u>At Kendrapara end:</u> R-N, Zone 1, Dist- 10.88km, Ir- 4.15kA <u>At Pattamundai end:</u> R-N, Zone 1, Dist- 11.34km, Ir- 2kA	Rajnagar	00:49	-	-	0.0078593	-	-
			16:06	16:55	00:49	132kV Pattamundai-Rajnagar CKT I	<u>At Pattamundai end:</u> B-N, Zone 1, Dist- 6.9km, Ib- 1.83kA <u>At Rajnagar end:</u> B-N, Zone 1, Dist- 11km, Ib- 0.5kA							
237	Paradeep	08.05.24	16:11	16:18	00:07	220kV New Duburi-Paradeep CKT I	At Paradeep end: O/C, Tripped on O/C B-Phase and E/F at Paradeep end. At New Duburi end: O/C B-Phase, E/F, Zone-1, Distance- 81.0Km and Auto recloser success	-	-	-	-	-	Paradeep Grid avail power supply through 220kV Paradeep-New Duburi CKT II. The load has been managed as low load draw of the feeders due to heavy wind and lightning.	-
238	Salipur	08.05.24	16:37	17:12	00:35	132kV Salipur-kendrapara Feeder	<u>At Salipur end:</u> Distance Protection, Tripped on DP, Zone-1, distance=17.05km, IR=72.9A, IY=2.96kA, IB=2.91kA, IN=26A <u>At Kendrapara end:</u> Distance Protection, Tripped on DP, Zone-1, distance=17.05km, IR=72.9A, IY=2.96kA, IB=2.91kA, IN=26A	Salipur OCL	00:35 00:10	-	-	0.019766	OCL availed P/S from GSS Mania at 16:47 Hrs. Salipur availed P/S from Kendrapada end at 17:12 Hrs after improvement in weather conditions.	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
239	Paradeep	08.05.24	16:55	20:20	03:25	132kV Kendrapara-Paradeep Feeder	At Paradeep end: Earth Fault,Tripped on Zone-1, Distance-2.297Km , II1-7.276KAmp , II2-117Amp, II3-60Amp At Kendrapara end: Distance Protection,Tripped on DP, Zone-1, R-phase, Distance=21.57km, IR=2.51kA, IY=221.05A, IB=77.72A, IN=2.52kA	-	-	-	-	-	Kendrapara Grid draw power supply through 132kV Paradeep-Marshaghai-Kendrapara feeder and 132kV Kendrapara-Pattamundai feeder from Chandabali end.	-
240	Barbil	08.05.24	17:27	17:43	00:16	132kV Joda-Barbil Feeder	At Joda end: O/C,At Joda end: DP relay: AGT, Fault current: A=4958A,B=222A,C=208A,G=4905A, Zone-I.Dist=2.08KM At Barbil end: CB not tripped	Barbil, Bolani ARYA Steel, BRPL, PTCL, Karakolha, Nalda RTSS	00:15 00:16	-	-	0.013738	-	-
241	Meramundali	08.05.24	17:54	19:38	01:44	400 kV New Duburi-Meramundali CKT II	At Meramundali end: Distance Protection,Distance Protection,MAIN_1--SOTF,Z-1,R_N, DIST=37.2KM,Ir=6.98kA,MAIN_2--SOTF,Z-1,R-N,DIST=37.0 KM,Ir=6.97kA At New Duburi end: Distance Protection,NEW-DUBURI END MAIN-1 "GENERAL TRIP,RYB TRIP, EVENT-1: L1-E/F LOOP, AR 1ST CYCLE STARTED, AR COMMAND ON, AR NOT READY, IL1-4.7KA, DIST-56.2KM EVENT-2: L1-E/F	-	-	-	-	-	-	-
242	Khajuriakata	08.05.24	17:56	18:03	00:07	132kV Khajuriakata-Nuapatana-Dhenkanal Feeder	At Khajuriakata end: Distance Protection,Z-1,Bph-N,Ib-1.841KA,Dist-35.3km	Khuntuni, Shree Cement	00:08	-	-	0.002803	At the time fault 132kV Khajuriakata-Meramundali Feeder was in service.	-
				18:04	00:08	132kV Dhenkanal-Khuntuni Feeder	At Khuntuni end: Distance Protection,At Khntn end- Zone-1, R-Ph fault, fault distance-14.33 KM, Fault current-Ir=298.32 A, Iy=163.71 A, Ib=289.07 A.							
243	Dhenkanal	08.05.24	18:39	18:48	00:09	132kV Dhenkanal-Joranda RTSS Feeder	At Dhenkanal end: Distance Protection,Z-2, Distance=15.66Km, Ia=20.7A, Ib=0A, Ic=2.188KA	Joranda RTSS	00:09	-	-	0.001197	-	-
244	Chandaka B	08.05.24	19:30	19:52	00:22	220kV Mendhasal-Chandaka B Feeder	At Chandaka B end: Earth Fault,Earth Fault, R-N, IR=4.2KA, IY= 74A, IB=371A	-	-	-	-	-	-	-
245	Palasponga	08.05.24	23:12	09.05.24 13:00	13:48	132kV Palasponga-Turumunga Feeder	At Palasponga end: Distance Protection,ZONE-2, DISTANCE=90.92KM, IR=33A,IY=876A, IB=33A,IG=907A	-	-	-	-	-	Y-ph LA of 132KV Palasponga Feeder punctured at Karanjia GSS. LINE WAS IDLE CHARGED FROM PALASPANGA END, LINE WAS CHARGED AFTER REPLACEMENT OF LA ON 09/05/24 AT 13:00HR	-
						132kV Turumunga-Karanjia Feeder	At Karanjia end: Remote End Tripping,Time: 23:12hrs, Zone 2, Distance= 90.92kms, Ia=32A, Ib=876A, Ic=33A, Ig=907A							

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
246	Tentulikhunti	09.05.24	05:46	06:10	00:24	132kV Tentulikhunti-Nabarangpur Feeder	At Tentulikhunti end: R-B Ph, Zone 2, Ir- 0.823kA, Ib- 0.792kA	Tentulikhunti	00:20	-	-	0.003104	-	-
				06:06	00:20	132kV Tentulikhunti-Jayanagar Feeder	At Tentulikhunti end: Earth Fault,R&B-phase to Earth Fault, (Ir = 1.68KA, Ib=1.78KA)							
				06:12	00:26	132kV Dabugaon-Tentulikhunti Feeder	At Tentulikhunti end: Zone 2, Ir- 1.053kA, Ib- 1.047kA							
247	Angul	09.05.24	15:08	15:46	00:38	132kV Angul-MCL CKT II	At Angul end: O/C,At MCL end tripped on O/C Y-ph and M/T	-	-	-	-	-	-	-
248	Budhipadar	09.05.24	16:47	18:00	01:13	132kV Budhipadar-Bamra Feeder	At Budhipadar end: O/C (R-N), Zone 1, Dist- 21.83km, Ir- 3.316kA At Bamra end: O/C (R-N), Zone 1, Dist- 26.71km, Ir- 2.28kA	Bamra	01:13	-	-	0.009305	-	-
249	Kuchinda	09.05.24	16:59	19:18	02:19	132kV Kuchinda-Kutra SW Station Feeder	At Kuchinda end: Distance Protection,kuchinda end fault data: Tripped ph R, Zone-1, fault duration=44.99ms, fault location=25.32km, Ir=1.165kA, Iy=100.5A, Ib=84.38A, Fault resistance=27.74 ohm At Kutra end: Tripped ph R, Zone-1, fault distance=42.99km, Ir=2079A, Iy=112.7A, Ib=121.5A, In=2084 A, Fault impedance=17.9125 ohm	-	-	-	-	-	-	-
250	Bhadrak	09.05.24	17:06	18:05	00:59	132kV Bhadrak-Facor Feeder	At Bhadrak end: O/C,IL1-79.87A,IL2-92.54A. IL3-47.01A	Facor	00:59	-	-	0.008137	-	-
251	Joda	09.05.24	17:17	17:30	00:13	220kV Joda-TTPS Feeder	At Joda end: Earth Fault,220kV Joda-TTPS-II CKT Feeder. tripped at both end but AR success at Joda end, DP-I Zone-1 Fault loop- C-N Dist- 68.24KM Ia-133.4A Ib-210.6A Ic-1.365KA DP-II Zone-1 CG T Dist- 63.30KM Ia-138A Ib-210A Ic-1369A In-1715A At TTPS-II end: DP Relay Tripped Zone-1 Fault loop- C-N Dist- 109.5KM Ia-98.26A Ib-205.2A Ic-1.605KA	-	-	-	-	-	During this time Joda GSS availed power from 220kV Joda-TTPS-1(Telkoi) CKT, 220kV Joda-Ramchandrapur CKT and from DVC Jamshedpur via the 220kV Joda-JSPL Feeder	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
252	Joda	09.05.24	17:44	18:56	01:12	220kV Joda-Ramchandrapur Feeder	At Joda end: Earth Fault,220kV Joda-Ramchandrapur Feeder tripped at both end but A/R succesful at Joda end only, with following relay indication AT Joda end:- D.P.Relay (Main- 1) C trip Zone-1 Dist=1.392KM Fault Current: Ia=248.6A, Ib=714.2A, Ic=5.90KA VAN=133.7KV, VBN=133.5KV, VCN=7.92KV D.P Relay (Main-2) CG T Dist-1.10KM Zone-1 A-274A , B-746A , C-6331A , N-7314A , G-7313A At Ramchandrapur end: D.P relay Zone- 2 Distance=120.6KM Fault Current : Ia-0.19KA, Ib=0.71KA, Ic-1.80KA	-	-	-	-	-	During this time Joda GSS availed power from 220kV Joda-TTPS-1(Telkoi) CKT, 220kV Joda-TTPS-2 and from DVC Jamshedpur via the 220kV Joda-JSPL Feeder	-
253	Boudh	09.05.24	21:47	21:56	00:09	20MVA TRF I, II	At Boudh end: O/C,33kv I/C Solar-II Feeder Pulled out TRF-I LV side on O/C fault	Boudh	00:09	-	-	0.000983	-	-
254	Bhawanipatna	10.05.24	06:07	06:09	00:02	132kV Bhawanipatna-Lanjigarh RTSS Feeder	O/C	Lanjigarh RTSS	00:02	-	-	0.000236	-	-
255	Paradeep	10.05.24	15:36	17:27	01:51	132kV Paradeep-PPT CKT II	At Paradeep end: Earth Fault,Tripped on E/F on B-Phase and O/C, Ib-10.26KAmp	Paradeep Port	00:25	-	-	0.007928	There was no power supply to Port due to tripping of 132kV PPT CKT II at 15.36Hrs due to lightening.	-
				16:01	00:25	132kV Paradeep-PPT CKT I	At Paradeep end: Earth Fault,Tripped on O/C and E/F on R-Phase , Ir-5.21KAmp							
256	Bhanjanagar	10.05.24	17:57	18:28	00:31	220kV Aska New-Bhanjanagar CKT I	At Bhanjanagar end: Line Differential Protection,Master trip operated	-	-	-	-	-	-	-
257	Palasponga	10.05.24	22:28	22:30	00:02	132kV Palasponga-Kendujhargarh RTSS Feeder	At Palasponga end: O/C, IA=300.0A, IB=222.1A, IC=89.6A,INM=7.25A, IND=5.69A	Kendujhargarh RTSS	00:02	-	-	0.000306	-	-
258	Katapali	11.05.24	00:05	02:34	02:29	132kV Katapali-Burla PH CKT II		-	-	-	-	-	-	-
259	Bhawanipatna	11.05.24	06:02	06:04	00:02	132kV Bhawanipatna-Lanjigarh RTSS Feeder	O/C	Lanjigarh RTSS	00:02	-	-	0.000236	-	-
260	Mania	11.05.24	11:10	11:25	00:15	132kV Mania-ICCL Feeder	At Mania end: Remote End Tripping,NIL	-	-	-	-	-	-	-
261	Angul	11.05.24	11:49	12:06	00:17	132kV Angul-Boinda Feeder	At Angul end: Remote End Tripping,CB did not trip at Boinda end.	Boinda, Boinda RTSS	00:17	-	-	0.004115	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.

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Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
262	Palasponga	11.05.24	13:28	12.05.24 11:22	21:54	132kV Palasponga-Turumunga Feeder	At Palasponga end: Distance Protection,Earth Fault,BGT, Z-2, D=0.6KM,IA=32A,IB=2632A,IC=32A,IG=2657A,IA=29.7A,IB=2710.5A,IC=32.6A,IG=2736A	-	-	-	-	-	LINE DID NOT STAND WITH FIRST TEST CHARGED AT 14:52HR WITH FAULT DETAILS AS INITIAL FAULT, HENCE PATROLLING DONE AND FOUND SUSPENSION INSULATOR WAS SNAPPED FROM CROSS ARM AT LOC 61/73 (AT THAT TIME THERE WAS HEAVY LIGHTNING AT PALASPANGA END). AFTER REPLACEMENT OF INSULATOR LINE WAS CHARGED ON DT:12/05/24 AT 11:22HR	-
263	Telkoi	11.05.24	13:33	14:48	01:15	220kV Telkoi-TTPS Feeder	At Telkoi end: Distance Protection,AR successful at Telkoi end only. DP relay data (Main-I): (1) Started phase A N (2) Tripped phase A (3) Zone 1 (4) Fault location 57.51 KM (5) Ia=935.5 A, Ib=124.7 A, Ic=57.43 A (6) Van=48.70 KV, Vbn=136.1KV, Vcn=132.6KV,DP relay data(Main-II): (1) fault type A G (2) Fault location 57.2 KM (3) Ia=1.223 KA, Ib=31.577A, Ic=31.002A, In=1.251KA (4) Zone-1 (5)Van=52.723KV, Vbn=136.849KV, Vcn=132.982KV At TTPS end: (1) fault type A G (2) Fault location 5.386 KM (3) Ia=16.72 KA, Ib=143.3 A, Ic=86.80A (4) Zone-1 (5)Van=72.17KV, Vbn=141.0 KV, Vcn=110.0 KV .	-	-	-	-	-	No area load interruption. Availd supply from 220kV Telkoi-Joda feeder while 220kV Telkoi-TTPS feeder Tripped.	-
264	Atri	11.05.24	14:14	14:51	00:37	132kV Atri-Banki Feeder	At Atri end: Distance Protection,B phase- N, Zone-2, Ir= 342.4 A, Iy=388.6 A, Ib= 4.454 kA, Fault location=16.61 km	-	-	-	-	-	-	-
265	Bangriposi	11.05.24	14:21	14:59	00:38	132kV Bangiriposi-Baripada PG CKT I	At Bangriposi end: Remote End Tripping, At Baripada End:-B/U Relay I>>Dir.Trip-L1, Directional O/C Trip, IL1-2.646KA, IL2-0.342KA, IL3-0.457KA & IN-1.848KA	Bangiriposi Rairangpur Karanjia, Dhenkikote	00:38 00:42 00:45	-	-	0.036082	-	-
				15:02	15:02	132kV Bangiriposi-Rairangpur Feeder	At Bangriposi end: Distance Protection, DP Relay O/C & E/F Trip, Zone-1, Dist.-5.6KM, Fault Loop: L1-E, IL1-2.34KA, IL2-0.22KA & IL3-0.33KA.							

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
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										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
266	Balasore	11.05.24	15:32	16:49	01:17	132kV Chandipur-Balasore Feeder	At Balasore end: Distance Protection,Balasore end: B-ph optd,Dist optd,Zone-1,carrier send, Dist-17.16KM,Fault current Ir-117A,Iy-212A,Ib-5431A,In-5.2KA, At Chandipur end: B-ph optd,Zone-1,Dist-20.06KA,Fault current Ir-167A,Iy-213A,Ib-1.19KA.	-	-	-	-	-	132kV Balasore-Chandipur line tripped so Chandipur GSS avail power supply from Soro GSS end.	-
267	Chatrapur	11.05.24	15:39	16:12	00:33	132kV Balugaon-Chatrapur Feeder	At Chatrapur end: O/C,O/C(B) E/F,BU Opearted,M/R Operated,IR=0.02KA,IY=0.01KA,IB=0.46KA . At Balugaon end: Earth Fault,IR=0.05KA,IY=0.03KA,IB=0.13 KA	Balugaon	-	-	-	-	Balugaon was getting P/S from 132kV CHANDPUR	-
268	Atri	11.05.24	15:43	16:06	00:23	220kV Narendrapur-Atri CKT I	At Atri end: Distance Protection,B phase- N, Zone-1, Ir= 33.28 A, Iy=311.6 A, Ib= 1.638 kA, Fault location=82.54 km At Narendrapur end: Distance Protection,Main-1 & Main-2 Protection operated. M/R operated. MainI:Z1,C to G,Ig=1969A,Ic=1750A,Ia=96A,Ib=206 A,Loc=54.31Km MainII((MicomP444): A/R block, Tripped phase- B, Z1, Loc=57.10km, Ia=94.55A,Ib=207.7A, Ic=1.793KA, Van-127.6KV,Vbn-127KV, Vcn-95.52KV, Fr-26.75Ohm.	-	-	-	-	-	220kV Atri- Narendrapur CKT II was in service.	-
269	Balasore	11.05.24	15:44	16:17	00:33	220kV Balasore-Baripada PG CKT I	At Balasore end: Distance Protection, Main-I: Dist R-ph Optd,Zone-1,carrier send,Auto reclose Optd,fault distance-0.86 KM, fault current-Ir=7830A, Iy=231.71A, Ib=732.197A At PGCIL end: Main-I: R-ph to ground,A/R OPTD,Fault in Zone-II,Carrier aided trip,Fault current Ir-2.747KA,Dist-79.09KM. Main-II : R-ph to ground,A/R optd,Fault in zone-II.	-	-	-	-	-	The breaker didnt trip from PGCIL END (A/R opertaed successfully at PGCIL end) but breaker tripped from Balasore end(A/R wasnt operated)	-
270	Rourkela	11.05.24	16:52	17:00	00:08	132kV Rourkela-Bhalulata RTSS-Shree Jagannath Steel Feeder	At Rourkela end: O/C, tripped on BGT, DP relay details: zone 1,location 39.36KM,Ia=338A,Ib=2320A,Ic=283A, Ig=1698A. At BK Steel end: Location 26KM , I a=312A,Ib=684A,Ic=336A.SN 17.	Bhalulata RTSS	00:08	-	-	0.000626	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
271	Kuchinda	11.05.24	17:02	17:29	00:27	132kV Kuchinda-Kutra SW Station Feeder	At Kuchinda end: Distance Protection,At KCD end:tripped phase-Y,ZONE 1,Fault location=54.28Km,Ir=16.65A,Iy=982A ,Ib=17.8A,Fault res=12.2ohmAt Kutra end : Tripped ph-Y,D/P. Zone 1,Fault loc=4.7Km,Ir=39.7A,Iy=4528A,Ib=62A ,In=4559.9A,Fault dur=1.5sec	-	-	-	-	-	-	-
272	Bolangir New	11.05.24	17:04	17:44	00:40	132kV Bolangir New-Barpali Feeder	At Bolangir New end: Distance Protection,Ia=2.632KA, Ib=14.09A, Ic=12.3A, Distance=27.82km, Relay trip time=79.95ms, Fault resistance=4.466ohms	-	-	-	-	-	132kV Barpali CKT was in idle charge from Gss Bolangir New.	-
273	Joda	11.05.24	17:27	17:38	00:11	132kV Joda-Barbil Feeder	At Joda end: Distance Protection,132kV Joda-Barbil Feeder tripped only at Joda end.Tripped Phase :- AB TTTarget Zone-1Fault current- IL1=7370AIL2=5935AIL3=249A G=1330A Zone-1 Dist-3.79KM At Barbil end: Distance Protection,Fault Current at Barbil end : Ia=627A,Ib=565.8A,Ic=274A,Dist=6.791KM,Zone-I	Barbil Bolani ARYA Steel, BRPL, IMTCPL, Nalda RTSS, Karakolha	00:11 00:13 00:12	-	-	0.006989	-	-
274	Bhawanipatna	11.05.24	18:57	18:59	00:02	132kV Bhawanipatna-Lanjigarh RTSS Feeder	TRIPPED ON O/C	Lanjigarh RTSS	00:02	-	-	0.000236	-	-
275	Lakhanpur	11.05.24	19:03	19:07	00:04	20MVA TRF I	At Lakhanpur end: O/C,Only 33KV Side tripped. Ia=1.3KA, Ib=1.04KA, Ic=1.68KA	Lakhanpur	00:04	-	-	0.000469	-	-
				19:12	00:09	20MVA TRF II	At Lakhanpur end: O/C,Ia=1.82KA, Ib=1.7KA, Ic=0.95KA							
276	Rourkela	11.05.24	19:24	20:46	01:22	132kV Rourkela-Bhalulata RTSS-Shree Jagannath Steel Feeder	At Rourkela end: Distance Protection,Rourkela End: ABCT Zone-1, Location: 43.40 km, Ia=3196 A, Ib=3189 A, Ic=3191 A, Ig=218 A.	Bhalulata RTSS Shree Jagannath Steel	01:22 00:05	-	-	0.006417	Shree Jagannath Steel availed P/S from Barbil end at 19:29 Hrs.	-
277	Palasponga	11.05.24	19:59	12.05.24 11:28	15:29	132kV Palasponga-ESIL Feeder	At Palasponga end: Distance Protection,IL1=0.01KA,IL2=0.01KA,IL3=0.09KA,L3-E,DIST=-159.9KM	ESIL	15:29:00	-	-	0.211290	-	-
278	Chainpal	11.05.24	22:01	23:02	01:01	132kV Angul-Chainpal Feeder	At Chainpal end: Distance Protection,Zone-1, L1-N, Distance=0.92 km, IR=7.5 kA At Angul end: Remote End Tripping,Tipped on DP Relay fault absdist 0.92km fault current 7.5KA	-	-	-	-	-	-	-
				23:00	00:59	132kV Chainpal-TTPS CKT II	At Chainpal end: Remote End Tripping,Overvoltage, V>1 as per information given by TTPS Shift In-charge							

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
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Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
279	Paradeep	11.05.24	22:02	22:38	00:36	132kV Paradeep-PPT CKT I	At Paradeep end: Earth Fault, Tripped on O/C , E/F on B-Phase , Ib- 6.79KAmp due to heavy lightening and rain	-	-	-	-	-	Paradeep Port got power supply through PPT CKT II	-
280	Palasponga	11.05.24	22:18	22:34	00:16	132kV Joda-Palasponga Feeder	At Palasponga end: Distance Protection, ER, IA=256A, IB=287A, IC=1244A, IG=878 A At Joda end: Earth Fault, 132kV Joda-Palasponga feeder tripped at Both End. Relay at Palasponga end:- Fault Current Ia-256A Ib-287A Ic-1244A Ig-878A Relay at Joda end:- DP Operate. B-PH fault Dist- 1KM Fault Current :-Ia-213.8A Ib-186.83A Ic-703A	Palasponga, ESIL, OSISL, Patnaik Steel, Palasponga RTSS MSP	00:16 00:17	-	-	0.015482	-	-
281	Paradeep	11.05.24	23:04	12.05.24 00:17	01:13	132kV Paradeep-PPT CKT I	At Paradeep end: Earth Fault, Tripped on O/C , E/F on R-Phase , Ir- 7.4KAmp due to heavy lightening and rain	-	-	-	-	-	Paradeep Port got power supply through PPT CKT II	-
282	Bidanasi	11.05.24	23:10	23:45	00:35	132kV Bidanasi-Choudwar Feeder	At Bidanasi end: O/C (B Ph), Zone 1, Ir-1.31KA, Iy-1.21KA, Ib-5.1KA At Choudwar end: Zone 1, Ir-1.444kA, Iy- 1.317kA, Ib- 1.21kA	Choudwar, Choudwar RTSS	00:15	-	-	0.013652	Tripped during heavy lightening and rainfall	-
283	Mendhasal	11.05.24	23:38	12.05.24 18:26	18:48	220kV Mendhasal-Bidanasi Feeder	At Mendhasal end: Distance Protection, Ir=6.8 KA, Iy=0.39 KA , Ib=0.47 KA , Distance =16.8 KM. Zone=1 At Bidanasi end: Distance Protection, Bidanasi end- Zone-1, AR Lockout, Dist-13.46KM, Ir-5.02KA, Iy-5.02KA, Ib-13.92A, V-69.51KV, Vyn-72.6KV, Fault Resistance-261.2mohm.	-	-	-	-	-	Weather-Heavy rain with Lightning.	-
284	Paradeep	11.05.24	23:48	12.05.24 13:38	13:50	132kV Paradeep-IFFCO CKT II	At Paradeep end: Earth Fault, Tripped on E/F B-Phase , Ib-5.7KAmp due to punctured of B-phase LA at IFFCO end	-	-	-	-	-	IFFCO got power supply through IFFCO CKT I	-
285	Atri	12.05.24	00:07	18:26	18:19	220kV Narendrapur-Atri CKT II	At Atri end: Distance Protection, Y - B phase- N, Zone-1, Ir= 372.7 A, Iy=1.965 kA, Ib= 0 A, Fault location= 65.81 km	-	-	-	-	-	220kV Atri- Narendrapur CKT I was in service.	-
286	Satasankha	12.05.24	00:08	00:20	00:12	132/33 kV 20 MVA Trf-2 Satasankha	At Satasankha end: WTI HIGH	Satasankha	00:12	-	-	0.002208	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
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Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
287	Atri	12.05.24	00:10	00:58	00:48	132kV Atri-Chandpur Feeder	At Atri end: Distance Protection,R - Y phase- N, Zone-1, Ir= 4.523 kA, Iy=4.3 kA, Ib= 267.8 A, Fault location= 25.79 km At Chandpur end: R,Y phases trip, DP relay optd, Dist.=14.8KM AR Block, IL1=1.07KA,IL2=1.14KA,IL3=0.25KA	-	-	-	-	-	Chandpur GSS availed supply from Balugaon GSS end.	-
288	Jayanagar	12.05.24	10:08	10:16	00:08	132kV Podagada-Jayanagar Feeder	At Jayanagar end: Distance Protection,B-G,Z2,DIST-35.83KM,lf-1.1KA	-	-	-	-	-	-	-
289	Potangi	12.05.24	10:25	10:30	00:05	132/33 kV 20 MVA Trf-1 Potangi	At Potangi end: O/C,Y,B-Ph IL1=0.01KA, IL2=0.03KA, IL3=0.02KA	Potangi	00:05	-	-	0.000406	-	-
290	Rengali	12.05.24	14:47	16:40	01:53	220kV Rengali S/Y-Rengali PH CKT I	At Rengali end: Distance Protection,Tripped from Rengali S/Y end only. Zone I, R-phase, O/C E/F , Dist= 0.7km, Ir= 4.24 kA, Iy= 3.09 kA, Ib= 0.11 kA	-	-	-	-	-	-	-
291	Bhadrak	12.05.24	14:58	15:49	00:51	220kV New Duburi-Bhadrak Feeder	At Bhadrak end: Remote End Tripping,IL1-2.05KA,IL2-0.41KA, IL3-0.83KA	Bhadrak, FACOR Bhadrak RTSS, FACOR Power Dhamra Port Jajpur Town	01:01 00:56 00:50 00:12			0.098393		
				16:10	01:12	220kV Bhadrak-Balasore Feeder	At Bhadrak end: Remote End Tripping,IL1-1876.15A, IL2-417.31A,IL3-850.12A, IN-915.85A At Balasore end: Distance Protection,Main-I: Dist R-ph, Optd,Zone-2,Zone-3,Auto reclose lock out OPTD,fault distance-115.35KM, fault current-Ir=1876.151A, Iy=417.328 A, Ib=850.123A,In-915.858A.							
				16:54	01:56	132kV Bhadrak-Jajpur Town Feeder	At Jajpur Town end: Remote End Tripping							
				18:04	03:06	132kV Bhadrak-Soro Feeder	At Bhadrak end: Distance Protection,IL1-914.2A,IL2-279.8A,IL3-147.3A, Zone-4,Distance-765.3Mtr							
292	Kesinga	12.05.24	16:47	17:12	00:25	132kV Kesinga-VAL Lanjigarh Feeder	At Kesinga end: Earth Fault,Earth Fault, in B phase,Fault Current 1.72 KA,Distance Pick up-44.62 KM From Local End	VAL Lanjigarh	00:16	-	-	0.001364	-	-
293	Joda	12.05.24	17:04	17:38	00:34	132kV Joda-Palasponga Feeder	At Joda end: Earth Fault, DP-I , ZONE-1, FAULT LOOP-YN, DISTANCE-5.3954KM Ia=215.01A, Ib=7045A, Ic=228.11A At Palasponga end: DP-I ZONE-I EVENT-BGT DISTANCE-33.39KM Ia=247A Ib=403A Ic=240A	Palasponga, ESIL, OSISL, MSP, Patnaik Steel, Palasponga RTSS	00:35			0.033502	TRF I, II & III are in charged condition at Joda end	

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
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Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
				17:43	17:43	20MVA TRF IV	At Joda end: Earth Fault,Start phase N Trip phase NIa = 52.63Alb= 29.28Alc= 42.90Aln= 122.4A			-	-			-
				17:46	17:46	132kV Joda-Kenduposi Feeder	At Joda end: Earth Fault,At Joda endDP-IZONE-IFAULTY PHASE-ANDDISTANCE-13.30KM,la-3825Alb-100.6Alc-153.6A At Kenduposi end: DISTANCE-59.4KMla-140Alb-130Alc-160A							
294	Meramundali	13.05.24	00:57	08:08	07:11	400 kV New Duburi-Meramundali CKT II	At Meramundali end: Distance Protection,Distance Protection,Main 1 : R-E PHASE TRIP, IR=6.91 KA , DIST-37.4 KM, Z1,Main 2: R-E PHASE TRIP, DIST-37.2 KM, IR= 6.94 KA, Z1 At New Duburi end: Distance Protection,Distance Protection,GENERAL TRIP R-Y-B PHASE TRIP, ZONE-1 TRIP,A/R BLOCK	-	-	-	-	-	No fault found after line patrolling	-
295	Sambalpur	13.05.24	08:58	09:42	00:44	132kV Burla PH -Sambalpur Feeder	No tripping at Sambalpur end. Tripped at Burla PH end	Hirakud	00:58			0.005214	Black out at BurlaPH end	
				11:00	02:02	132kV Lapanga-Hirakud Feeder	<u>At Lapanga end:</u> Distance Protection,IR-0.01KA IY-3.11KA IB-0.01KA DIST-52.6KM ZONE-2 FAULT DURATION-414mSec FAULT RESISTANCE-7.14Ohm B/U- YPH-E,O/C,E/F PICK UP <u>At Hirakud end:</u> MAIN RELAY: NA, BACKUP RELAY: IR=0.4KA, IY=5.7KA,IB=0.2KA							
296	Muniguda	13.05.24	10:37	10:38	00:01	132kV Muniguda-Bissam Cuttack RTSS Feeder	At Muniguda end: O/C,I=269 A	Bissam Cuttack RTSS	00:01	-	-	0.000111	-	-
297	Bhawanipatna	13.05.24	10:37	10:43	00:06	132kV Bhawanipatna-Lanjigarh RTSS Feeder	TRIPPED ON O/C	Lanjigarh RTSS	00:09			0.001063	-	-
			10:49	10:52	00:03	RTSS Feeder								
298	New Duburi	13.05.24	13:38	14:03	00:25	220kV New Duburi-Paradeep CKT II	At New Duburi end: Distance Protection,Distance Protection,O/C,MAIN-1 R-PH PU,E/F PU IL1=1.89KA,FL LOOP-L1-E,DIST-90.9KM,MAIN-2 R-PH PU,E/F PU , NO FAULT RECORD,BACK-UP GENERAL TRIP,R-PHASE PU,E/F PU,DIRECTIONAL O/C TRIP, IL1=1.90KA At Paradeep end: Distance Protection,Distance Protection,O/C,MAIN-1R-PH PU,E/F PU IL1=1.89KA,FL LOOP-L1-E,DIST-90.9KM,MAIN-2R-PH PU,E/F PU , NO FAULT RECORD,BACK-						NO FAULT FOUND DURING LINE PATROLING	

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
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										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
			14:08	15:36	01:28		At New Duburi end: Distance Protection,Distance Protection,O/C,Main-1 DP Operated, Group A/B OPTD R-PH PU,E/F PU IL1=1.7KA,FL LOOP-L1-E,DIST-92.1KM,No Relay indication ,Gen Trip, R-Ph PU, E/F PU, Directional O/C Trip, IL1-2.05KA At Paradeep end: Distance Protection,Distance Protection,O/C,Main-1 DP Operated, Group A/B OPTDR-PH PU,E/F PU IL1=1.7KA,FL LOOP-L1-E,DIST-92.1KM,No Relay indication,Gen Trip, R-Ph PU, E/F PU, Directional O/C Trip, IL1-2.05KA	-	-	-	-	-		-
299	Potangi	13.05.24	15:45	16:34	00:49	132/33 kV 20 MVA Trf-1 Potangi	At Potangi end: O/C,Pull out due to 33kv NANSAPUR Feeder trip.	Potangi	00:49	-	-	0.003978	-	-
300	Narendrapur	13.05.24	16:01	16:11	00:10	220kV Narendrapur-Gunupur Feeder	At Narendrapur end: Distance Protection,At NARENDRAPUR END: On Facia: Main-I Protection operated,Main-2 Protection operated. Main1: C to N, Tripped phase- A B C, Z2, A/R Lockout,A/R block. Loc=137km, Ia=249.7A,Ib=204.6A, Ic=1.198KA,Fault Res=6.129ohm, Van-123.4KV ,Vbn-123.7KV ,Vcn-101.4KV, Main-II: C to G trip, Z1 Trip, Fault loc-120.08Km; Ia=170A, Ib=182A, Ic=1312A,Ig=1026A	-	-	-	-	-	-	-
301	Rayagada	13.05.24	17:59	18:13	00:14	132kV Rayagada-Podagada Feeder	At Rayagada end: Remote End Tripping,Machkund Power supply fail from Machkund P.H end.	Rayagada	00:14	-	-	0.003165	132kV Therubali BTH P/S extended to 132kV Rayagada-Podagada, 132kV rayagada-Akhusingh feeder as well as Rayagada 33KV Main bus through 132kV Rayagada Buscoupler Feeder.	-
302	Duburi	13.05.24	18:02	19:05	01:03	132kV Duburi-Mishrilal Feeder	At Duburi end: Distance Protection,Start Phase - B N,Tripped Phase - A B C, ZONE-1, FAULT LOCATION = 0.00M, Ia=38.58A,Ib=34.43A, Ic=6KA, Van=83.03KV,Vbn=84.25KV, Vcn=14.79KV , Fault Resistance= 1.188 ohm, Fault Duration=81.42ms, Relay Trip time =111.3ms	Mishrilal	01:03	-	-	0.011386	-	-
303	Anandapur	13.05.24	18:08	19:30	01:22	12.5MVA TRF II	At Anandapur end: OSR,Tripped on OSR	Anandapur	00:14	-	-	0.003963	-	-

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										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
304	Budhipadar	13.05.24	18:34	19:12	00:38	132kV Budhipadar-Kalunga Feeder	At Budhipadar end: O/C,At Budhipdar end:- DP operated, Fault loop=A-N, Zone 1, Fault Distnce=33.15 km, Ia=2.55 kA, Ib=48.26A, Ic=66.22 A, Fault Resistance=5.977 ohm At Kalunga end: DP Operated zone-1,fault duration-51.66 ms,relay trip time-79.98 ms, fault location- 58.18 km ,Ir-1.270 KA ,Iy-33.97 A, Ib-63.63 A , V-66.21 KV , Vyn-77.75 KV , Vbn - 77.73 KV , fault resistance - 17.45 ohm	-	-	-	-	-	-	-
305	Kesinga	14.05.24	11:09	12:44	01:35	132kV Kesinga-VAL Lanjigarh Feeder	At Kesinga end: O/C,O/C, Fault Current R Phase-1.74 KA, Y Phase-1.49 KA, B Phase-235.2A,Distance Pick up 62.6 KM from Local end	VAL Lanjigarh	00:06	-	-	0.000511	-	-
306	Kesura	14.05.24	14:10	14:27	00:17	132kV Pratapsasan-Kesura Feeder	At Kesura end: O/C,IA-0.315KA, IB-5.062KA, IC-4.559KA, IG-3.467KA At Pratapsasan end: O/C,AT PRATAPSASAN GSS IB-287.3A, IC-2.3KA, IG-2KA AT KESURA GSS IA-0.315KA, IB-5.062KA, IC-4.559KA, IG-3.467KA	Kesura	00:17	-	-	0.007646	-	-
307	Mohana	14.05.24	15:06	15:21	00:15	132kV Mohana-Digapahandi Feeder	At Digapahandi end: Earth Fault,B/u relay optd. Ia-0.05A, Ib-0.54KA, Ic-0.03KA	Mohana	00:15	-	-	0.001748	Supply availed from digapahandi end at 15:21 Hrs after opening of isolator towards akhusingh side at Mohana GSS	-
			15.05.24 13:43	22:37	132kV Akhusingh-Mohana Feeder	At Mohana end: Earth Fault,IL1=0.05Ka, IL2=0.54Ka, IL3=0.03Ka [From Digapahandi end]								
308	Jajpur Road	14.05.24	15:26	16:32	01:06	132kV Jajpur Road-Chandikhhol Feeder	At Jajpur Road end: DP RELAY OPERATED, FAULT CURRENT: IA=6.303A,IB=2.590KA, IC=7.236A; F. VOLTAGE: VAN=78.69KV,VBN=57.02KV,VCN=79.47KV; F. ZONE-II; FAULT RESISTANCE=1.549Ω; FAULT LOCATION=29.41KM At Chandikhhol end: NO TRIPPING	-	-	-	-	-	-	
309	G.Udaygiri	14.05.24	15:27	21:28	06:01	132kV G.Udaygiri-Bhanjanagar Feeder	Tripped at Bhanjanagar end only. Distance Protection, CN, Z-1, D=41.36km, IC=1.04 KA	G.Udaygiri, Phulbani	06:01	-	-	0.148652	-	-
310	Kendrapara	14.05.24	16:24	16:40	00:16	132kV Kendrapara-Pattamundai Feeder	At Kendrapara end: Zone-4, distance=503mtrs, IR=1.8kA, IY=29.79A, IB=153.4A	Kendrapara	00:16	-	-	0.008791	-	-
			16:44	16:44	132kV Marsaghai-kendrapara Feeder	At Kendrapara end: Distance Protection, Tripped on DP with M/R , Zone-4, Distance=503mtrs, IR=1.86kA, IY=233A, IB=167A								

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
				16:45	16:45	132kV Kendrapara-Paradeep Feeder	At Kendrapara end: Distance Protection, Tripped on DP with M/R, Zone-4, Distance=502mtrs., IR=1.85kA, IY=203A, IB=170A							
311	Lapanga	14.05.24	16:40	17:07	00:27	132kV Lapanga-Burla PH Feeder	At Lapanga end: Distance Protection, LAPANGA END DETAILS DP RELAY:- FAULT LOOP-L1-E ZONE-2 IL1-3.45KA IL2-0.01KA IL3-0.01KA DIST-46.3KM BACK UP RELAY RPH-G.O/C. IL1-6.92KA	-	-	-	-	-	-	-
312	Podagada	14.05.24	17:39	17:46	00:07	132kV Rayagada-Podagada Feeder	At Podagada end: Distance Protection, PU Time= 440ms, Trip Time= 360ms, Zone-2, dISTANCE= 81.2KM, IL1= 0.75kA, IL2= 0.02kA, IL3=0.02kA.	Rayagada	00:07	-	-	0.001582	-	-
313	Bhawanipatna	14.05.24	19:18	19:20	00:02	132kV Bhawanipatna-Lanjigarh RTSS Feeder	O/C	Lanjigarh RTSS	00:02	-	-	0.000236	-	-
314	Bhawanipatna	15.05.24	05:04	05:07	00:03	132kV Bhawanipatna-Lanjigarh RTSS Feeder	O/C	Lanjigarh RTSS	00:03	-	-	0.000354	-	-
315	Joda	15.05.24	19:27	16.05.24 11:35	16:08	220kV Telkoi-Joda Feeder	At Joda end: Distance Protection, Tripped only at Joda end. DP-I Zone-1 Fault loop- C-N Dist-3.06KM Ia-140.3A Ib-226.9A Ic-6.688KA DP-II Zone-1 CG T Dist-3.17KM Ia-148A Ib-230A Ic-6973A In-7317A Ig-7318A At Telkoi end: Tripped from Joda end only. Broken conductor alarm form Telkoi end.	-	-	-	-	-	During this time Joda GSS availed power from 220kV Joda-TTPS CKT, 220kV Joda-Ramchandrapur CKT and from DVC Jamshedpur via the 220kV Joda-JSPL Feeder.	-
316	Podagada	16.05.24	05:37	07:20	01:43	132kV Podagada-Jayanagar Feeder	At Podagada end: Remote End Tripping, Machkund feeder tripped at Machkund end.	Rayagada	00:14	-	-	0.003165	-	-
317	Bhadra	16.05.24	06:37	07:00	00:23	132kV Bhadrak-Facor Feeder	At Bhadrak end: O/C, IL1-222.1A, IL2-172.1A, IL3-176.2A	Facor	00:23	-	-	0.003172	-	-
318	Paradeep	16.05.24	07:50	07:58	00:08	132kV Paradeep-IFFCO CKT I	At Paradeep end: O/C, Tripped on O/C R,Y & B-phase, Ir-0.26KAmp, Iy-0.25KAmp & Ib-0.24KAmp due to heavy rain & wind	-	-	-	-	-	M/S IFFCO got power supply through IFFCO CKT II	-
319	Biramaharajpur	17.05.24	08:03	08:18	00:15	132kV Sonapur-Biramaharajpur Feeder	At Biramaharajpur end: Remote End Tripping, SOURCE END TRIP	Biramaharajpur	00:15	-	-	0.002586	-	-
320	Muniguda	17.05.24	09:43	09:44	00:01	132kV Muniguda-Bissam Cuttack RTSS Feeder	At Muniguda end: O/C, I=267 A	Bissam Cuttack RTSS	00:01	-	-	0.000111	-	-
321	Mendhasal	17.05.24	11:45	12:08	00:23	220kV Mendhasal-Nayagarh Feeder	At Mendhasal end: Distance Protection, Ib=4.83 KA, Distance=21.5 KM, Zone=1	-	-	-	-	-	-	-
322	Palasponga	17.05.24	12:40	12:44	00:04	132kV Palasponga-Kendujhargarh RTSS Feeder	At Palasponga end: O/C, IA=300.1A, IB=214.2A, IC=102.7A, INM=6.1A, IND=3.98A	Kendujhargarh RTSS	00:06			0.000917		

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 & B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
			15:46	15:48	00:02		At Palasponga end: O/C,IA=300.4A, IB=263.4A, IC=41.75A, INM=6.27A, IND=3.999A			-	-		-	-
323	Jayanagar	17.05.24	19:10	19:24	00:14	132kV Jayanagar-Borigumma Feeder	At Jayanagar end: Distance Protection,Z1,DIST-40KM,R-B-G,If-2.5KA	-	-	-	-	-	-	-
324	Podagada	18.05.24	13:21	13:35	00:14	132kV Rayagada-Podagada Feeder	At Podagada end: Distance Protection,PU Time= 60ms, Trip Time= 0, Dist. loop= L1-L2, IL1= 1.16kA, IL2= 1.16kA, IL3= 0.01kA, Dist= 3.2KM, Zone-1	Rayagada	00:08	-	-	0.001808	-	-
325	Jayanagar	18.05.24	13:21	13:30	00:09	132kV Jayanagar-Jeypore RTSS Feeder	At Jayanagar end: Distance Protection,Z1,R-G,DIST-66KM,If-1.18KA,	Jeypore RTSS	00:09	-	-	0.001444	-	-
326	Budhipadar	18.05.24	13:28	16:39	03:11	132kV Budhipadar-MCL Feeder	At Budhipadar end: O/C,At Budhipadar end: D/P (MiCOM P444): F.L=Cph-N, zone 1, f.Dur=70.02 ms, RTT 0ms, F.D= 5.236 km, II1=5.39 A, II2=3.77A, II3=9.6 kA, F.R=2.05 ohm	MCL	03:11	-	-	0.001702	-	-
327	Podagada	18.05.24	13:29	15:06	01:37	132kV Rayagada-Podagada Feeder	At Podagada end: Distance Protection,PU Time= 50ms, Trip Time= 0, Dist. loop= L1-L2, IL1= 1.16kA, IL2= 1.16kA, IL3= 0.07kA, Dist= 2.8 KM, Zone-1. (After rain & thunder stopped, the said feeder charged)	Rayagada	00:14	-	-	0.003165	-	-
328	Jayanagar	18.05.24	13:58	14:14	00:16	132kV Jayanagar-Jeypore RTSS Feeder	At Jayanagar end: Distance Protection,Z1,B-G,DIST-43.27KM,If-1.77KA	Jeypore RTSS	00:16	-	-	0.002568	-	-
329	Bhawanipatna	18.05.24	14:42	14:54	00:12	132kV Bhawanipatna-Lanjigarh RTSS Feeder	TRIPPED ON ZONE-I DISTANCE PROTECTION	Lanjigarh RTSS Bhawanipatna RTSS	00:12 00:20	-	-	0.001516	-	-
				15:02	00:20	132kV Bhawanipatna- Bhawanipatna RTSS Feeder	TRIPPED AT Kesinga END, NO INTERPTION OF P/S AT Bhawanipatna							
330	Bhawanipatna	18.05.24	17:44	17:46	00:02	132kV Bhawanipatna-Lanjigarh RTSS Feeder	TRIPPED ON O/C	Lanjigarh RTSS	00:12	-	-	0.001418	-	-
331	Podagada	18.05.24	19:33	19.05.24 06:43	11:10	132kV Podagada-Jayanagar Feeder	Machkund supply failure	Rayagada	00:10	-	-	0.002260	-	-
332	Duburi	19.05.24	07:02	07:19	00:17	132kV Duburi-Jajpur Road CKT I & II	At Duburi end: O/C,Ia=1.71KA,Ib=0.14KA, Ic=0.31KA	Anandpur Jajpur Road	00:41 00:17	-	-	0.024998	-	-
				07:43	00:41	132kV Anandapur-Jajpur Road CKT I & II	At Anandapur end: Zone-1, 'R' Pha Ia-1.7KA I							

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 & B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
333	Kesura	19.05.24	10:53	11:08	00:15	132kV Pratapsasan-Kesura Feeder	At Kesura end: Remote End Tripping,Pratapsasan Grid End-O/C(R-Ph), Ia=2.4KA, Ib=84A, Ic=279A At Pratapsasan end: Distance Protection,AT Pratapsasan Grid Ia=2.4KA, Ib=84A, Ic=279A	Kesura	00:32	-	-	0.014392	-	-
334	Bhubaneswar	19.05.24	10:53	11:18	00:25	132kV Phulnakhara-Bhubaneswar	At Bhubaneswar end: 86A & 86B OPERATED,Ir=377.43A,Iy=74.25A, Ib=159.33A,In=155.62A	-	-	-	-	-	-	-
335	Budhipadar	19.05.24	11:35	11:53	00:18	220kV Budhipadar-Lephripada Feeder	At Budhipadar end:O/C,At Budhipadar end:D/P 1(MiCOM P444); F.L:Cph-N, zone1, F.D=17.15 km, F. Dur=111.7ms, Ia=40.41 A, Ib=59.29 A, Ic=2.58 kA, F.R=44.12 ohm, RTT=0ms	Lephripada, Basundhara	00:18	-	-	0.004301	-	-
336	Bhawanipatna	19.05.24	11:57	12:10	00:13	132kV Kesinga- Bhawanipatna LINE	TRIPPED ON E/F AND NO P/S AT Bhawanipatna END	Bhawanipatna, Bhawanipatna RTSS, Lanjigarh RTSS	00:13	-	-	0.008953	-	-
				12:16	00:19	132kV Bhawanipatna-Junagarh Feeder	At Junagarh end: Earth Fault,R & Y ph E/F, Ia=0.2kA, Ib=0.7kA, Ic=0.14kA							
337	Bidanasi	19.05.24	16:19	16:42	00:23	132kV Bidanasi-Choudwar Feeder	At Bidanasi end: Distance Protection,Bidanasi End- Zone-2, Ir-1.08KA, Iy-4.85KA, Ib-901.7A. Vyn-40.62kV, Dist-12.61KM. At Choudwar End: Zone-1, O/C, Ir-896.9A, Iy-1.98KA, Ib-3.27KA, Dist-1.98KM	-	-	-	-	-	-	-
338	Mania	19.05.24	16:22	17:11	00:49	132kV Mania-ICCL Feeder	At ICCL SW Station end: O/C,Earth Fault,Distance Protection,If=1.628kA,Y-phase,Zone-1 Dist-2.089km At Mania end: Remote End Tripping,No tripping at Mania	Mania	00:15	-	-	0.002710	16:35 hrs Kendrapada supply was extended from salipur GSS to Mania GSS through OCL. 17:11 hrs supply restored from ICCL to Mania & OCL.	-
339	Bhawanipatna	19.05.24	17:17	17:19	00:02	132kV Bhawanipatna-Lanjigarh RTSS Feeder	TRIPPED ON O/C	Lanjigarh RTSS	00:02	-	-	0.000236	-	-
340	Bamra	19.05.24	20:46	21:35	00:49	132kV Bamra-Rajgangpur Feeder	At Bamra end: Earth Fault,Fault=E/F, Fault Loop- L1-N, F.D- 570ms, RTT=551.0ms, Ia=2.303KA, Ib=199.4A, Ic=237.6A,In=2.166KA Make & type of Relay-ALSTOM Micom & P141 At Rajgangpur end: Earth Fault,DP Relay Operated, R-Phase, Zone- 1, IR=3.319 KA, IY=200.6 A, IB=234.8 A, IG= 3.284 KA, Distance=16.43 KM.	Bamra	00:49	-	-	0.006246	132kV Rajgangpur-Tarkera CKT I & II, 132kV Rajgangpur-Kutra CKT were in charged condition.	-
341	Muniguda	20.05.24	05:40	05:41	00:01	132kV Muniguda-Bissam Cuttack RTSS Feeder	At Muniguda end: O/C,I=267 A	Bissam Cuttack RTSS	00:01	-	-	0.000111	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
342	Jajpur Town	20.05.24	07:45	10:29	02:44	132kV Jajpur Town-Jajpur Road Feeder	At Jajpur Town end: Remote End Tripping,zone 1, Fault distance=17.1 KM, Ia=5023A,Ib=2.9 KA, Ic=5.74a, Fault resistance=1.5 ohm	-	-	-	-	-	-	-
343	Joda	20.05.24	11:44	11:57	00:13	220kV Joda-TSLPL Feeder	At Joda end: Earth Fault,220kV Joda-TSIL feeder tripped only at Joda end with following relay indication.At Joda end:- Back upFault loop- C-N, Ia-27.96A, Ib-28.20A, Ic-29.37A	TATA Steel Long Products Ltd	00:13	-	-	0.000032	-	-
344	Palasponga	20.05.24	14:21	14:39	00:18	132kV Palasponga-AM/NS Feeder	At Palasponga end: Distance Protection,Z1, LE-E, IL1=2.1KA, IL2=0.14KA, IL3=0KA, DIST=8.0KM	ESIL	00:18	-	-	0.004094	-	-
345	Agarpada	20.05.24	17:02	17:44	00:42	132kV Anandapur-Agarpada Feeder	At Agarpada end: Distance Protection,Zone-2, Distance=34.4 km ,Ia=0.01kA, Ib=0.01kA, Ic=1.62 kA	-	-	-	-	-	At the time of tripping as Agarpada availed power supply from GSS Bhadrak and 132kV Anandapur line was ideally charged from Agarpada end hence no interruption.	-
346	Bhadrak	20.05.24	17:27	18:50	01:23	132kV Bhadrak-Jajpur Town Feeder	At Bhadrak end: Remote End Tripping,Started phase B-N, Tripped phase R-Y-B, Zone-1, Fault distance=1.35 KM, Ir=81.7A, Iy=196.4A, Ib=9.875 KA, Vr=72.29KV, Vy=73.54 KV, Vb=12.2KV, Fault resistance=0.456 ohm At Jajpur Town end: Remote End Tripping, Started phase B-N, Tripped phase R-Y-B, Zone-1, Fault distance=1.35 KM, Ir=81.7A, Iy=196.4A, Ib=9.875 KA, Vr=72.29KV, Vy=73.54 KV, Vb=12.2KV, Fault resistance=0.456 ohm	Jajpur Town	00:12	-	-	0.008284	-	-
347	Kalunga	20.05.24	17:50	19:09	01:19	132kV Budhipadar-Kalunga Feeder	At Kalunga end: Distance Protection,DP Relay- zone-1,fault duration-51.66ms ,fault trip time-79.98 ms ,fault location-76.02 km ,Ir-961.5 A,Iy-234 A ,Ib-157.5 A ,V-63.80 KV ,Vyn-74.58 KV ,Vbn-75.28 KV , fault resistance- 17.71 ohm	-	-	-	-	-	-	-
348	Paralakhemundi	20.05.24	18:25	18:39	00:14	132kV Akhusingh-Paralakhemundi Feeder	TRIPPED ON O/C	Paralakhemundi	00:14	-	-	0.003889	-	-
				18:41	18:41	12.5MVA TRF III	TRIPPED ON DIFFERENTIAL RELAY							

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
349	Sambalpur	20.05.24	21:21	22:14	00:53	132kV Burla PH -Sambalpur Feeder	At Sambalpur end: Tripped on Z1, Bph E/F, Ia=239A, Ib=197A,Ic=3041A, Ig=2729A, Fault dist.=12.64KM, fault duration=57.477ms At Burla PH end: Tripped on Z1, Bph, Fault dist.=6.4KM	Maneswar, Maneswar RTSS Rairakhol, Rairakhol RTSS	00:24 00:20			0.006859		
				21:56	00:35	132kV Sambalpur-Maneswar Feeder	At Maneswar end: Distance Protection,R ph, Z-1, Distance-8.4 km, pu time- 30 ms, trip time- 10 ms, (0.37, 0.25, 0.42) kA At Sambalpur end: Tripped on Z1, R-ph, Ia=6363A, Ib=251A, Ic=421A, Fault dist.=2.11KM, fault duration=48.29ms							
				21:52	00:31	132 KV Rairakhol Maneswar	At Rairakhol end: Distance Protection,Zone- Z1, 2.11 KM, R-phase to Earth, Ir-6 KA							
350	Angul	20.05.24	21:30	22:10	00:40	132kV Angul-MCL CKT II	At Angul end: Remote End Tripping,Tripped on O/C R phase	-	-	-	-	-	-	-
351	Katapali	20.05.24	21:35	23:00	01:25	132kV Katapali-Thuapali Feeder	At Thuapali end: Earth Fault,L1 to Earth, Zone-01,D-29.1KM, IL1-1.11KA,IL2-0.00KA,IL3-0.01KA At Katapali end: Distance Protection,Tripped with distance protection optd in zone1 at a fault distance=0.920km, fault time=106ms, IR=35.05A ,IY=598mA, IB=330mA, IN=35 291A	-	-	-	-	-	-	-
						132kV Katapali-Chiplima PH CKT I	At Katapali end: Distance Protection,Tripped with Distance protection optd in zone1 at a fault distance=8.490km, fault time=98ms, IR=12.697A, IY=237mA, IB=194mA, IN=12.749mA							
352	Lapanga	20.05.24	21:45	21.05.24 22:55	25:10:00	400kV Meramundali-Lapanga CKT II	At Lapanga end:Distance Protection,LAPANGA END DETAILS MAIN-1:- FAULT LOOP-L1-E ZONE-2 IL1-0.542KA IL2-0.0KA IL3-0.0KA DIST-180.6KM MAIN-2 NO FAULT RECORDED At Meramundali end:Earth Fault,1 st event: Y-E, I Y=10.87 KA, DIST=16.9 KM 2nd event: R-E, I R=12.56 KA, DIST=15.2 KM	-	-	-	-	-	Attempted charging but did not stand. DA type tower of 400kV Lapanga line collapsed at loc no.-51 near Sabalabhanga Angul. The lines are anti theft charged from Lapanga end.	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
				21.05.24 22:59	25:14:00	400kV Meramundali-Lapanga CKT I	At Lapanga end:Distance Protection,LAPANGA END DETAILS MAIN-1:- FAULT LOOP-L1-E ZONE-2 IL1-0.540KA IL2-0.0KA IL3-0.0KA MAIN-2 NO FAULT RECORDED At Meramundali end: Earth Fault,1 st event: R-E, Z1, I R=10.12 KA, DIST=491.3 KM 2nd event: B-E, Z1, I B=6.8 KA, DIST=16.7 KM							
353	Angul	20.05.24	21:50	22:08	00:18	132kV Angul-TTPS Feeder	<u>At Angul end:</u> Remote End Tripping,Tripped on DP Relay fault absdist 5.964km fault current 4.96KA	-	-	-	-	-	-	-
354	Boudh	20.05.24	23:54	21.05.24 00:03	00:09	20MVA TRF I & II	<u>At Boudh end:</u> Earth Fault,fault current 1.4KA in B phase	Boudh	00:09	-	-	0.000983	Tripped due to 33kV feeder fault	-
355	Muniguda	21.05.24	08:33	08:34	00:01	132kV Muniguda-Bissam Cuttack RTSS Feeder	At Muniguda end: O/C,I=270 A	Bissam Cuttack	00:01	-	-	0.000111	-	-
356	Soro	21.05.24	10:37	12:30	01:53	132kV Chandipur-Soro Feeder	At Soro end: Distance Protection,Earth Fault,O/C, Zone-Z1, Distance=6.89KM,IA=117A,IB=1.68K A,IC=138A,IN=1.72KA, O/C in Y-Phase At Chandipur end: Zone-Z1, Distance=26.6KM, IA=134A, IB=1.32KA, IC=141A, IN=1.27KA,	-	-	-	-	-	At the time of fault Soro Grid was availing Power supply from Bhdrak Grid & Chandipur Grid was availing Power supply from Balasore Grid. Patrolling was done by Line maintenance Team & no fault was found.	-
357	Telkoi	21.05.24	11:22	12:02	00:40	220kV Telkoi-TTPS Feeder	At Telkoi end: Distance Protection,AR successful at Telkoi end only. (Main-I): (1) Started phase C N (2) Tripped phase C (3) Zone 1 (4) Fault location 59.90 KM (5) Ia=14.05 A, Ib=88.57 A, Ic=773.4 A (6) Van=135.5 KV, Vbn=131.9 KV,	-	-	-	-	-	No area load interruption. 220kV Telkoi-Joda feeder was in service during tripping of said feeder.	-
358	Kendrapara	21.05.24	11:29	11:41	00:12	132kV Kendrapara-Chandikhoh Feeder	<u>At Kendrapara end:</u> Earth Fault,Tripped on B/U E/F with M/R, IR=249.5A, IY=581.4A, IB=237.6A, IN=344.2A	Chandikhoh	00:12	-	-	0.007885	-	-
359	Mohana	21.05.24	11:42	12:07	00:25	132kV Akhusingh-Mohana Feeder	<u>At Mohana end:</u> Distance Protection,Dist=37.8Km, IL1=0.01Ka, IL2=0.42Ka, IL3=0.01Ka	-	-	-	-	-	-	-
360	Bhadrak	21.05.24	12:16	12:24	00:08	132kV Bhadrak-Facor Feeder	At Bhadrak end: O/C,IL1-201.5A, IL2-185.8A, IL3-214.6A	Facor	00:08	-	-	0.001103	-	-
361	Chatrapur	21.05.24	14:15	14:30	00:15	132kV Chatrapur-Rambha RTSS Feeder	At Chatrapur end: O/C,Back-up relay (Siemens Siprotec 7SJ66) O/C (R-Y)Ph with M/R (IR=0.27KA,IY=0.27KA)	Rambha RTSS	00:15	-	-	0.001345	-	-
362	Meramundali	21.05.24	14:40	15:09	00:29	220kV Meramundali-Kaniha NTPC CKT I	<u>At Meramundali end:</u> Distance Protection,Distance Protection,Main 1:- B_N,Z1,Ib=4.2 KA,Dist=31.17 KM,Main 2:- B_N,Z1, Ib=4.2 KA, Dist=31.34KM	-	-	-	-	-	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
363	Bhadrak	21.05.24	14:58	15:04	00:06	132kV Bhadrak-Facor Feeder	At Bhadrak end: O/C,IL1-199.8A, IL2-158.8A,IL3-166.2A	Facor	00:06	-	-	0.000828	-	-
364	Sundargarh	21.05.24	16:57	18:00	01:03	132kV Budhipadar-Sundargarh CKT II	At Sundargarh end: Distance Protection,Sundargarh Grid end:fault type: BGT, Zone-1, loc. 2.28 Km, Ia=133 A, Ib=1809 A, Ic=133 A, In=2075 A At Budhipadar end: O/C,D/P operated (SEL-311C): F.L=Yph-E, zone 4, Ir=9A, Iy=1.861 kA, Ib=92 A, In=1.673 kA	-	-	-	-	-	-	-
365	Budhipadar	21.05.24	17:49	18:09	00:20	132kV Budhipadar-Kalunga Feeder	At Budhipadar end: O/C,At Budhipadar end:D/P operated (MiCOM P444): F.L=Rph-E, zone 1, F.D=25.86 kA, F.Dur=63.32 ms, RTT=0ms, Ia=3.004 kA, Ib=242.7 A, Ic=158.2 A, F.R=4.605 ohmAt Kalunga end:Rph-E, zone 1, F.D=76.02 km, F.Dur=61.66 ms, RTT=79.9 ms, Ia=961.5 A, Ib=234.4 A, Ic=157.5 A, F.R=17.7 ohm	-	-	-	-	-	-	-
366	Rengali	21.05.24	18:08	19:00	00:52	220kV Rengali S/Y-Rengali PH CKT II	At Rengali end: Distance Protection,ABCN Phase, Zone-3, Distance=0.1 km, Ir=0.48kA Iy=2.92kA Ib=0.34kA	Barkote, Bonai, Deogarh, Bimlagarh RTSS Chandiposh RTSS	00:15	-	-	0.009479	-	-
				22.05.24 18:37	00:29	220kV Rengali S/Y-Rengali PH CKT I	At Rengali end: Distance Protection,DP operated, Zone 4, Dist= 0.2 km. Ir=0.42 kA, Iy=2.87 kA, Ib=0.38 kA		00:41					
				18:23	00:15	220kV Deogarh-Barkote Feeder	At Barkote end: Remote End Tripping,Distance Protection Fault, Zone-II, Fault Distance= 94.4KM, Fault Current(IL1=0.16KA, IL2=0.12KA, IL3=0.04KA)							
				18:32	19:05	00:33	220kV Rengali-Tarkera Feeder							
367	Patnagarh	21.05.24	23:55	22.05.24 00:14	00:19	40MVA TRF I, 20MVA TRF II & III	TRF I: O/C,Ia=2.30KA, Ib=2.25KA, Ic=0.10KA TRF II: O/C,Ia=2.3KA, Ib=2.16KA, Ic=0.17KA TRF III: O/C, Ia=1.25KA, Ib=1.21KA, Ic=0.05KA	Patnagarh	00:19	-	-	0.007334	-	-
368	Budhipadar	22.05.24	11:14	23:10	11:56	220kV Budhipadar-Korba CKT II	At Budhipadar end: O/C,At Budhipadar end:D/P 1 (ALSTOM MiCOM P444): SOTF, D/P 2(Siemens): F.L=L3-E, F.D=32.1 km, Zone1, I1=I2=0.07kA, I3=4.05kAAAt Korba end:SEL D/P : F.D=145.75 km, Ia=73 A, Ib=76 A, Ic=1099 A, Ig=1166 A, Zone 2	-	-	-	-	-	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
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										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
369	Tarkera	22.05.24	12:20	15:25	03:05	220kV Bamra-Tarkera Feeder	At Tarkera end: Distance Protection,DP1 : ZONE-2, DIST= 6.1668 KM, LOOP : L3-N, IL3= 10440.05 ADP2 : LOOP : C-N, ZONE-1, IC= 10.55 KA At Bamra end: Distance Protection,D.P-1, Fault Loop- L1-L3-N, Zone- 1, Distance-47.10KM, F.D-110.1ms, RTT=80.06,F.R=8.316 ohm Ia=00A, Ib=00A, Ic=00 Make & type of Relay-ALSTOM Micom & P444. D.P-2, Fault Loop- L1-L3-N, Zone- 1, Distance- NA, Ia= 00A, Ib= 00A, Ic= 1753.894A, In=1768.442A, Loop Impedance=00+j46.45ohm, Make & type of Relay-	-	-	-	-	-	-	-
370	Budhipadar	22.05.24	12:29	12:43	00:14	220kV Budhipadar-Kuarmunda Feeder	At Budhipadar end: O/C,At Budhipadar end:D/P Operated (MiCom P444): FL= Bph-E, F.D=87.1 km, F. Dur= 413.6 ms, Ia=181.6 A, Ib=271.8 A, Ic=1.437 kA, F.R= 61.26 Ohm, Zone2	Kuarmunda	00:14	-	-	0.001481	-	-
371	Budhipadar	22.05.24	12:29	23.05.24 17:10	28:41:00	132kV Budhipadar-Kalunga Feeder	At Budhipadar end: O/C,At Budhipadar end:R,Y,B ph, PU=4933 ms, T.T=4874 ms	-	-	-	-	-	-	-
372	Bhawanipatna	22.05.24	13:00	13:04	00:04	132kV Bhawanipatna-Lanjigarh RTSS Feeder	TRIPPED ON O/C	Lanjigarh RTSS	00:04	-	-	0.000473	-	-
373	Budhipadar	22.05.24	17:59	22:36	04:37	220kV Budhipadar-Korba CKT-3	At Budhipadar end: O/C,At Budhipadar end: D/P 1(ABB REC 670): F.L= 3 ph Trip,Z com, II1=1.125 kA, II2= 290.67 A, II3=88.34 A, D/P 2(MiCOM P444): F.L=Rph-E, Zone-2, F.Dur.=99.83 ms, RTT=159.7 ms, A/R Lockout, F.D=173.9 km, Ia=1.17 kA, Ib=457.3 A, Ic=70.81 A	-	-	-	-	-	-	-
374	Pratapsasan	23.05.24	00:12	00:22	00:10	132kV Pratapsasan-Kesura Feeder	At Pratapsasan end: Distance Protection,Tripped from Pratapsasan end	Kesura	00:10	-	-	0.004498	-	-
375	Bhubaneswar	23.05.24	00:13	00:23	00:10	132kV Phulnakhara-Bhubaneswar Feeder	At Bhubaneswar end: 86A & 86B OPERATED,Ir=115.97A, Iy=256.17A,Ib=61.04A, In=134.95A	-	-	-	-	-	-	-
376	Muniguda	23.05.24	12:02	12:03	00:01	132kV Muniguda-Bissam Cuttack RTSS Feeder	At Muniguda end: O/C,I=267 A	Bissam Cuttack RTSS	00:01	-	-	0.000111	-	-
377	Mendhasal	23.05.24	15:46	18:23	02:37	220kV Mendhasal-Bhanjanagar Feeder	At Mendhasal end: Distance Protection,Ir=1.25kA, dist=112.7km(83.2%) At Bhanjanagar end: Distance Protection,AN, Z-1, D=23.30km, IA=4.254kA	-	-	-	-	-	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
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Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
378	Jayanagar	23.05.24	16:32	18:41	02:09	220kV Jayanagar-Jeypore PG CKT-4	At Jayanagar end: Distance Protection,Z1,B-G,DIST-6.057KM,If-3.24KA	-	-	-	-	-	-	-
379	Katapali	23.05.24	19:14	20:07	00:53	132kV Katapali-Thuapali Feeder	At Katapali end: Distance Protection,Distance protection optd in zone1 with fault distance of 1.02km, time duration=0.108ms IR=15KA, IY=100A, IB=69.2A At Thuapali end: Distance Protection,L1 to Earth Fault,Zone-1 trip FD-29.3KM,IL1-1.18KA,IL2-0.01KA,IL3-0.00KA	Thuapali Bargarh New, Ghens, Bhatli	00:53 00:21			0.023570		
				19:29	00:15	132kV Katapali-Sambalpur Feeder	At Sambalpur end: Tripped on Z2, Z3, Bph E/F, Ia=645A, Ib=514A,Ic=2802A, Ig=2178A, Fault dist.=23.04KM, fault duration=435.348ms No tripping at Katapali end							
				19:35	00:21	220kV Katapali-Bargarh New Feeder	At Bargarh New end: Earth Fault,IA-0.09kA, IB-0.25kA,IC-0.21kA							
				19:35	00:21	132kV Bargarh New-Bhatli CKT I & II	At Bhatli end: Remote End Tripping,220kV Line tripped at source grid GSS Bargarh New.							
				20:09	00:55	100MVA Auto TRF III	At Katapali end: Earth Fault,Tripped with differential pick up and back relay pick up , weather condition is windy and heavy lightning							
				24.05.24 10:48	15:34	132kV Katapali-Burla PH CKT I	At Katapali end: Earth Fault,Back up relay optd with IR=0A, IY=0A, IB=5.94KA fault duration=0.108ms							
380	Bhawanipatna	24.05.24	11:31	11:36	00:05	132kV Bhawanipatna-Junagarh Feeder	At Junagarh end: O/C,Y & B ph O/C, Ia=0.11kA, Ib=0.29kA, Ic=0.27kA	Bhawanipatna, Bhawanipatna RTSS, Lanjigarh RTSS	00:06			0.004132		
			12:05	12:06	00:01		At Junagarh end: O/C,IA=0.11 kA IB=0.26 kA IC=0.23 kA							
381	Lapanga	24.05.24	12:07	13:38	01:31	400kV Lapanga-Vedanta CKT II	At Lapanga end: Distance Protection,LAPANGA END DETAILS MAIN-1:- FAULT LOOP-L1-E ZONE-1 IL1-6.273KA IL2-1.450KA IL3-1.630KA DIST-11.42KM FAULT DURATION-145.1mSec TT-95.09mSec MAIN-2 NO FAULT RECORDED	-	-	-	-	-	-	-
382	Bhawanipatna	24.05.24	12:46	12:48	00:02	132kV Bhawanipatna-Junagarh	POWER SUPPLY FAIL FROM Junagarh END	Bhawanipatna, Bhawanipatna RTSS, Lanjigarh RTSS	00:02	-	-	0.001377	-	-
383	Muniguda	24.05.24	12:47	12:49	00:02	132kV Muniguda-Bissam Cuttack RTSS Feeder	At Muniguda end: O/C,I=265 A	Bissam Cuttack RTSS	00:02	-	-	0.000222	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
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Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
384	Bhawanipatna	24.05.24	13:11	13:13	00:02	132kV Bhawanipatna-Junagarh	POWER SUPPLY FAIL FROM Junagarh END	Bhawanipatna, Bhawanipatna RTSS, Lanjigarh RTSS	00:02	-	-	0.001377	-	-
385	Kharagprasad	24.05.24	13:58	16:30	02:32	132kV Kharagprasad-SGEL Feeder	At Kharagprasad end: Distance Protection,fault type LG fault Ir=8.33 KA ,Distance of fault = 0.3 KM	SGEL	02:32	-	-	0.000140	At the time of fault both the Meramundali Incomer-I and Meramundali Incomer-II are in service .	-
386	Meramundali	24.05.24	15:30	25.05.24 10:09	18:39	220kV Meramundali-Kaniha NTPC CKT I	At Meramundali end: Distance Protection,Main1:- R_N,Z1, Ir=10.41 KA, dist=13.48 kM,Main2:-R_N,Z1, Ir=10.39 KA, dist=13.48 kM	-	-	-	-	-	-	-
387	Meramundali B	24.05.24	16:52	19:49	02:57	400/220kV 500 MVA ICT-2 Meramundali B	At Meramundali B end: PRV OperatedPRD Optd. 86 1 and 86 2 optd..	-	-	-	-	-	Heavy thunderstorm	-
388	Meramundali	25.05.24	01:17 03:38	01:32 12:04	00:15 08:26	220/132kV 100 MVA Auto Trf-2 Meramundali	At Meramundali end: Buchholz RelayFalse tripping due to presence of moisture in TB	-	-	-	-	-	-	-
389	Lapanga	25.05.24	04:32	14:18	09:46	132kV Lapanga-Rengali RTSS Feeder	At Lapanga end: Distance Protection,LAPANGA END DETAILS MAIN-1:- FAULT LOOP-L1-E ZONE-1 IL1-10.988KA IL2-0.4A IL3-2.8A DIST-4.988KM FAULT DURATION-96mSec MAIN-2 NO FAULT RECORDED	Rengali RTSS	09:46	-	-	0.067870	R-ph top conductor jumper snapped at loc. No.-17 from Lapanga end.	-
390	Kesinga	25.05.24	08:56	09:02	00:06	132kV Kesinga-VAL Lanjigarh Feeder	At Kesinga end: O/C,O/C, R-2.2KA,Y-0.01KA,B-0.01KA	VAL Lanjigarh	00:06	-	-	0.000511	-	-
391	Kuchinda	25.05.24	10:16	18:01	07:45	132kV Kuchinda-SMC Power Feeder	At Kuchinda end: Distance Protection,Relay indication at KCD end : Zone 2 , tripped ph-Y , Fault loc = 52.75 km , Ir=91.8A ,Iy =660A, Ib=96.8A ,Fault res= 12.11 ohm	Kuchinda SMC Power	00:11 07:40	-	-	0.002869	-	-
392	Bamra	25.05.24	10:18	10:30	00:12	132kV Bamra-Rajgangpur Feeder	At Bamra end: O/C,Fault type= O/C, R-phase operated, Ia= 400.2A, Ib= 394.0A, Ic= 311.0A, In=3.875A, F.D=28.67ms, RTT=28.61ms, Make & type of Relay-ALSTOM Micom & P141	-	-	-	-	-	-	-
			10:30	29.05.24 12:21	25:51:00	At Bamra end: O/C,Fault type= O/C, B phase operated, Ia= 803.5A, Ib= 819.9A, Ic= 821.1A, In=15.16A, F.D=2.644s, RTT= 2.584s Make & type of Relay-ALSTOM Micom & P141								
393	Bhadrak	25.05.24	15:01	15:04	00:03	132kV Bhadrak-Bhadrak RTSS Feeder	At Bhadrak end: O/C,IL2-0.27KA,IL3-0.26KA	Bhadrak RTSS	00:03	-	-	0.000428	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
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										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
394	Choudwar	25.05.24	16:43	17:00	00:17	132kV Choudwar-TS Alloys Feeder	At Choudwar end: Distance Protection, Ia=126.8A, Ib=4.326kA, Ic=480A, zone=1, loc=12.66km . At TS Alloys end: Ia=140.9A,Ib=2.887kA, Ic=495.1A, loc=6.936km, zone=1	Tata Steel Mining Ltd	00:09	-	-	0.002126	-	-
395	Therubali	25.05.24	16:46	17:00	00:14	132kV Therubali-Bhalumaska RTSS CKT	At Therubali end: C-N, 4.318KM, Ic=7.21KA	Bhalumaska RTSS	00:14	-	-	0.000524	-	-
396	Joda	25.05.24	17:56	26.05.24 22:07	28:11:00	220kV Joda-Ramchandrapur Feeder	At Joda end: Distance Protection,Tripped at both end but A/R unsuccessful at Joda end only. DP relay Main-1: Zone -02, A/R lockout shot ,Dist-127.8Km, Tripped phase- ABC, Fault Current :Ia- 1320A ,Ib-691.9A,Ic-139.8A DP relay Main-2: Dist-131.3Km, Fault type-AG, Fault Current :Ia- 1367A , Ib- 656A, Ic-104A, In=699A At Ramchandrapur end: DP relay Main: Zone -01 ,Dist-1.0 Km, Tripped phase- ABC, Fault Current: Ia- 890A ,Ib-1570A,Ic-0A	-	-	-	-	During this interruption period GSS Joda availed power from 220kV Joda-Telkoi CKT, 220kV Joda-TTPS CKT, DVC Jamshedpur via 220kV Joda-JSPL CKT. R-ph CT burst at Ramachandrapur .	-	
397	Chatrapur	26.05.24	05:18	05:25	00:07	132kV Chatrapur-Rambha RTSS Feeder	At Chatrapur end: O/C,Back-up relay (Siemens Siprotec 7SJ66) O/C (R-Y) Ph with M/R (IR=0.91KA,IY=0.91KA).	Rambha RTSS	00:07	-	-	0.000628	-	-
398	Muniguda	26.05.24	05:38	05:40	00:02	132kV Muniguda-Bissam Cuttack RTSS Feeder	At Muniguda end: O/C,I= 263 A	Bissam Cuttack RTSS	00:02	-	-	0.000222	-	-
399	Dhenkanal	26.05.24	08:51	08:54	00:03	132kV Khajuriakata-Nuapatana-Dhenkanal Feeder	At Khajuriakata end: O/C,Rph-Yph-Bph O/C	Dhenkanal	00:03	-	-	0.002441	At fault time the 132kV Khajuriakata-Meramundali Feeder was in service	-
				08:56	00:05	132kV Dhenkanal-Khuntuni Feeder	At Khuntuni end: Remote End Tripping,fault at Meramundali end							
				09:31	00:40	132kV Meramundali-Dhenkanal Feeder	At Dhenkanal end: Distance Protection,Z-4, Distance=1.018Km, Ia=2.52KA, Ib=342.5A, Ic=587.5A No tripping at Meramundali end.							
400	Therubali	26.05.24	14:37	14:45	00:08	132kV Therubali-Bhalumaska RTSS CKT	At Therubali end: C-N, 7.96KM, Ic=4.8KA	Bhalumaska RTSS	00:08	-	-	0.000300	-	-
401	Podagada	26.05.24	15:05	15:17	00:12	132kV Rayagada-Podagada Feeder	At Podagada end: Remote End Tripping,No trippings at Podagada end.	Rayagada	00:08	-	-	0.001808	-	-
402	Rairakhol	26.05.24	18:10	18:28	00:18	132kV Boinda-Rairakhol Feeder	At Rairakhol end: Earth Fault,O/C,Ia=343 amps, Ib=79.2 amps, Ic=173.5 amps, In= 209.44 amps, Ig=212.51 amps,Ia=343 amps, Ib=79.2 amps, Ic=173.5 amps, In= 209.44 amps, Ig=212.51 amps	Boinda, Boinda RTSS	00:18	-	-	0.004357	-	-

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										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
403	Joda	26.05.24	19:49	18:33 19:53	00:23 00:04	132/33 kV 12.5 MVA Trf-3 Rairakhol 132kV Joda-Bansapani RTSS Feeder	REF At Joda end: O/C, Tripped at Joda end only, B/U relay: Dir.O/C tripped, Fault Current: IL1=0.26KA, IL2=0.26KA	Bansapani RTSS	00:04	-	-	0.000608	-	-
404	Bhawanipatna	26.05.24	22:09	22:12	00:03	132kV Bhawanipatna-Lanjigarh RTSS Feeder	TRIPPED ON O/C	Lanjigarh RTSS	00:03	-	-	0.000354	-	-
405	Podagada	27.05.24	10:02	11:06	01:04	132kV Podagada-Jayanagar Feeder	Machkund supply failure	-	-	-	-	-	-	-
406	Anandapur	27.05.24	10:14	12:46	02:32	12.5MVA TRF I	At Anandapur end: O/C, Tripped on O/C due to snake fault on 33KV DI	Anandapur	00:32	-	-	0.009059	Tripped due to snake fault	-
407	Podagada	27.05.24	11:29	18:39	07:10	132kV Podagada-Jayanagar Feeder	Machkund supply failure	-	-	-	-	-	-	-
408	Palasponga	27.05.24	11:30	11:32	00:02	132kV Palasponga-Kendujhargarh RTSS Feeder	At Palasponga end: O/C, IA=301.5A, IB=277.5A, IC=31.80A, INM=6.307A, IND=3.73A	Kendujhargarh RTSS	00:02	-	-	0.000306	-	-
409	Rayagada	27.05.24	11:30	11:44	00:14	132kV Rayagada-Podagada Feeder	At Rayagada end: Remote End Tripping, Machkund Power supply failure from machkund power house end.	-	-	-	-	-	-	-
				11:45	00:15	132kV Akhusingh-Rayagada Feeder	At Rayagada end: Remote End Tripping, Machkund Power supply failure from machkund power house end.							
410	Laxmipur	27.05.24	12:27	12:55	00:28	220kV Laxmipur-Therubali CKT II	At Laxmipur end: carr send, B-phase, 30.1km, 2.98kA At Therubali end: C-G, Z-1, 29.2KM, Ic=1.9KA	-	-	-	-	-	-	-
411	Budhipadar	27.05.24	12:36	12:44	00:08	220kV Budhipadar-Kuarmunda Feeder	At Budhipadar end: O/C, M/T Relay operated	-	-	-	-	-	-	-
412	Laxmipur	27.05.24	13:06	17:38	04:32	220kV Laxmipur-Therubali CKT II	At Laxmipur end: z-1 optd, 29.2km, ic-3.08ka At Therubali end: C-G, Z-1, 29.2KM, Ic=1.9KA	-	-	-	-	-	-	-
413	Rajgangpur	27.05.24	17:12	17:24	00:12	132kV Rajgangpur-Rajgangpur RTSS CKT I	At Rajgangpur end: O/C, IR=171 A, IY=171 A	-	-	-	-	-	RTSS Rajgangpur availed supply from RTSS Rajgangpur CKT - 2	-
414	Palasponga	27.05.24	22:31	22:33	00:02	132kV Joda-Palasponga Feeder	At Palasponga end: O/C, IA=513.5A, IB=450.4A, IC=296.9A, IN=0.6A, IG=6.05A	-	-	-	-	-	-	-
415	Gondia	27.05.24	22:50	23:15	00:25	132kV Gondia-TTPS Feeder	At Gondia end: Distance Protection, Definite Trip, SOTF -O/C trip Command ABC, Ir-0.12 Ka, Iy - 0.99 Ka, Ib-0.10 Ka	-	-	-	-	-	Power Supply Availed from TTPS.	-
				23:36	00:46	132kV Gondia-JFAL Feeder	At Gondia end: Remote End Tripping, Ir=49.90A, Iy=4.23 KA, Ib=109 A, Zone-1, Distance= 7.51 KM							
416	Gondia	28.05.24	03:52	04:22	00:30	132kV Gondia-TTPS Feeder	At Gondia end: Distance Protection, Definite Trip, SOTF -O/C trip Command ABC, Ir-0.14 Ka, Iy - 0.94 Ka, Ib-0.11 Ka	-	-	-	-	-	Power Supply Availed from TTPS.	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
				10:53	07:01	132kV Gondia-JFAL Feeder	At Gondia end: Remote End Tripping,Ir=32.7A, Iy=4.42 KA, Ib= 94.53 A, Zone-1, Distance= 7.47 KM							
417	Chainpal	28.05.24	08:24	09:22	00:58	132kV Chainpal-Global-TFL Feeder	At Chainpal end: O/C,Earth Fault,Directional Overcurrent R phase, IR = 5.4kA,Directional Earth Fault, IN = 4.5kA At Global end: Remote End Tripping,Relay Indication at GSS Chainpal: Directional Overcurrent R phase, IR = 5.4kA, & E/F	Global, Heavy Water, Talcher Fert. Ltd	00:58	-	-	0.002174	-	-
418	Muniguda	28.05.24	09:06	09:08	00:02	132kV Muniguda-Bissam Cuttack RTSS Feeder	At Muniguda end: O/C,I=267 A	Bissam Cuttack RTSS	00:02	-	-	0.000222	-	-
419	Joda	28.05.24	10:29	10:55	00:26	220kV Joda-Ramchandrapur Feeder	At Joda end: Distance Protection,Tripped at both end but A/R succesful at Joda end only , DP relay Main: Zone -01 ,Dist-78.53Km, Tripped phase- B, Fault Current :Ia- 526A ,Ib-1157A ,Ic-466A At Ramchandrapur end: DP relay Main: A/R Unsuccesful, Dist-54.7 Km, Fault Current :Ia- 520A ,Ib-2550A,Ic- 450A	-	-	-	-	-	During this interruption period GSS Joda availed power from 220kV Joda-Telkoi CKT, 220kV Joda-TTTPS CKT, DVC Jamshedpur via 220kV Joda-JSPL CKT	-
420	Bhanjanagar	28.05.24	11:50	14:22	02:32	220kV Bhanjanagar-Therubali CKT I	At Bhanjanagar end: Distance Protection,ABT, Z-1, D=36.93km, IA=3.27kA, IB=3.53kA At Therubali end: AB-T, Z-1, 130.3KM,Ia=1.6KA, Ib=1.3KA	-	-	-	-	-	-	-
421	Joda	28.05.24	12:05	12:30	00:25	220kV Joda-Ramchandrapur Feeder	At Joda end: Distance Protection,Tripped and A/R operated at both end but A/R succesful at Joda end only , DP relay Main-1: Zone -01 ,Dist-18.71Km Fault Current :Ia- 763A ,Ib- 2932A, Ic-501A, In-3812A At Ramchandrapur end: DP relay Main: A/R Unsuccesful, Dist-116.1 Km, Fault Current :Ia- 470A ,Ib- 600A,Ic-480A	-	-	-	-	-	During this interruption period GSS Joda availed power from 220kV Joda-Telkoi CKT, 220kV Joda-TTTPS CKT, DVC Jamshedpur via 220kV Joda-JSPL CKT	-
422	Jayanagar	28.05.24	13:04	13:20	00:16	132kV Tentulikhunti-Jayanagar Feeder	At Jayanagar end: Distance Protection,B-G,DIST-46.36KM,IIf- 0.78KA At Tentulikhunti end: Distance Protection,Earth Fault,B-G,DIST- 46.36KM,IIf-0.78KA,B-phase to Earth Fault, (Ib = 0.78KA)at Tentulikhunti GSS end	-	-	-	-	-	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
423	Bargarh	28.05.24	13:23	13:46	00:23	132kV Thuapali-Bargarh Feeder	At Bargarh end: Earth Fault,L2 to EF IL1=0.01KA,IL2=1.22KA,IL3=0.01KA (DIR. O/C & E/F Relay operated) At Thuapali end: Earth Fault,L2 to EF IL1=0.16KA,IL2=1.29KA,IL3=0.17KA (DIR. O/C & E/F Relay operated)	-	-	-	-	-	-	-
424	Bhawanipatna	28.05.24	13:37 15:19	13:39 15:21	00:02 00:02	132kV Bhawanipatna-Lanjigarh RTSS Feeder	TRIPPED ON O/C	Lanjigarh RTSS	00:04	-	-	0.000473	-	-
425	Therubali	28.05.24	15:43	17:16	01:33	220kV Therubali-Laxmipur CKT II	At Therubali end: C-G, Z-1, 26.51KM, Ic=2.706KA At Laxmipur end: C-G, Z-1, 39.6KM, Ic=1.2KA	-	-	-	-	-	-	-
426	Joda	28.05.24	16:02	16:17	00:15	220kV Joda-Ramchandrapur Feeder	At Joda end: Distance Protection, Tripped and A/R operated at both end but A/R succesful at Joda end only , DP relay Main: Zone -01 , Dist-78.53Km, Tripped phase- B, Fault Current :Ia- 526A ,Ib-1157A ,Ic-466A At Ramchandrapur end: DP relay Main: A/R Unsuccesful, Dist-54.7 Km, Fault Current :Ia- 520A ,Ib-2550A,Ic-450A	-	-	-	-	-	During this interruption period GSS Joda availed power from 220kV Joda-Telkoi CKT, 220kV Joda-TTPS CKT, DVC Jamshedpur via 220kV Joda-JSPL CKT	-
427	Telkoi	28.05.24	16:44	19:32	02:48	220kV Telkoi-Joda Feeder	At Telkoi end: Remote End Tripping,220kV Telkoi Joda feeder hand tripped from Joda end to avoid overloading of 220kV Ramchandrapur feeder at Joda end.	-	-	-	-	-	No area load interruption. Availed supply from 220kV Telkoi-TTPS feeder while 220kV Telkoi-Joda feeder was not in service.	-
428	Kalunga	29.05.24	11:42	11:50	00:08	132kV Budhipadar-Kalunga Feeder	At Kalunga end: Distance Protection," 1) Fault Loop: Y-N 2)Zone-1 3) Fault Location: 35.62 km 4) Current- Ir- 320.0 A, Iy- 2.721 KA, Ib- 332.1 A 5) Fault Duration- 61.70 ms 6)Fault Resistance- 1.71 ohm	Kalunga	00:27	-	-	0.028486	-	-
429	Joda	29.05.24	11:48	12:23	00:35	220kV Joda-Ramchandrapur Feeder	At Joda end: Distance Protection, Tripped at both end but A/R unsuccessful at both Joda and RCPUR end , DP relay Main-1: Zone -01, SOTF ,Dist-92.93Km, Tripped phase- B, Fault Current :Ia- 511.5A ,Ib-1083A ,Ic-497.2A DP relay Main-2: Dist-52.9Km, Fault type-BGT, Fault Current :Ia- 763A ,Ib-2932A, Ic-501A, In-3812A At Ramchandrapur end: DP relay Main: Dist-52.9 Km, Zone-1, Fault Current :Ia- 510A ,Ib-2510A,Ic-490A	-	-	-	-	-	During this interruption period GSS Joda availed power from 220kV Joda-Telkoi CKT, 220kV Joda-TTPS CKT, DVC Jamshedpur via 220kV Joda-JSPL CKT	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
430	Bhawanipatna	29.05.24	12:19	12:23	00:04	132kV Bhawanipatna-Lanjigarh RTSS Feeder	TRIPPED ON O/C	Lanjigarh RTSS	00:04	-	-	0.000473	-	-
431	Kesinga	29.05.24	12:26	13:11	00:45	132kV Kesinga-Vento Solar CKT II	At Kesinga end: Earth Fault,EEarth Fault,	-	-	-	-	-	-	-
432	Bamra	29.05.24	17:11	19:17	02:06	132kV Budhipadar-Bamra Feeder	At Bamra end: Earth Fault,D.P-Fault Loop- L1-N, Zone- 1, Distance- 20.03KM, F.D- 78.41ms,RTT=80.08ms, Ia=2.531KA, Ib=175.8A,Ic=271.7A Make & type of Relay-ALSTOM Micom & P442	-	-	-	-	-	-	-
433	Kendrapara	29.05.24	20:03	20:17	00:14	132kV Kendrapara-Ramco Feeder	At Kendrapara end: Distance Protection,Tripped on DP, Zone-1, B-Phase, Distance=11.3Km, IR=24.6A, IY=54.9A, IB=3.29kA, IN=3.21kA	RAMCO	00:14	-	-	0.001755	-	-
434	Potangi	30.05.24	11:35	11:58	00:23	132kV Sunabeda-Potangi Feeder	At Potangi end: Remote End Tripping,Source failure at Sunabeda end.	Potangi, HAL Sunabeda	00:23 00:27	-	-	0.011280	-	-
435	Budhipadar	30.05.24	12:06	18:16	06:10	220kV Budhipadar-Korba CKT II	At Budhipadar end: O/C,Budhipadar End: Main D/P 1(Micom P444):F.L=Bph-EF.D.=128.9 km,F. Dur=94.8 ms,Ir=67.73 A,Iy=72.61 A,Ib=1.188 kAMain D/P 2(SIEMENS 7SA52):F.L=Bph-E,F.D=131 km(72.6 %),Trip time =81 ms,Zone 1,I1=I2=0.07 kA,I3=1.13 kA At Korba End: Main D/P 1:F.L=Bph - E,F.D=33.25 km,Ir=162 A,Iy=3.325 kA,Ib=3.294 kA,Zone 1Main D/P 2:F.L=Bph-E,Zone 1, F.D=11.1 km	-	-	-	-	-	-	-
436	Jayanagar	30.05.24	13:21	13:38	00:17	220kV Jayanagar-Laxmipur CKT II	At Jayanagar end: Distance Protection,R-G,IF-727A	-	-	-	-	-	-	-
				13:41	13:41	220kV Jayanagar-Laxmipur CKT I	At Jayanagar end: Distance Protection,R-G,If-882A At Laxmipur end: R - phase-,1294A							
437	Meramundali	30.05.24	16:05	20:52	04:47	220kV Meramundali-Bhanjanagar Feeder	At Meramundali end: Distance Protection,Distance Protection,Main1:- Z1,Y_B,Dist=105.7KM,Iy=2.356 KA,Ib=2.102KA,Main2:-1,Y_B,Dist =115.88KM, Iy=2.362 KA,Ib=2.11KA At Bhanjanagar end: Distance Protection,BCT, Z-1, D=23.29km, IB=4.67 kA, IC=4.92kA	-	-	-	-	-	-	-
438	Therubali	30.05.24	16:25	16:40	00:15	132kV Therubali-Bhalumaska RTSS CKT	A-N, Z-1, 24.34KM, Ia=2.79KA	Bhalumaska RTSS	00:15	-	-	0.000562	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
439	Budhipadar	31.05.24	11:38	12:09	00:31	132kV Budhipadar-Kalunga Feeder	At Budhipadar end: O/C,Budhipadar End:D/P (MiCOM P444):F.L=Y ph-E,Zone 1,F.Dur=65.01 ms,F.D=34.52 km,I1=336. A, I2=2.78 kA,I3=351.3 AF.R=-1.4 ohm At Kalunga end: Distance Protection,DP RELAY-1) Fault Loop: Y-N2)Zone-13) Fault Location: 34.52 km4) Current- Ir- 336.3 A, Iy- 2.78 kA, Ib- 351.5 A5) Fault Duration- 65.01 ms6)Fault Resistance- 1.47 ohm	Kalunga	00:31	-	-	0.032706	-	-
440	Rairakhol	31.05.24	13:05	13:17	00:12	132kV Rairakhol-Maneswar Feeder	At Rairakhol end: Distance Protection,Zone-1 , Distance =40.4KM ,Current IL1-0.42KA, IL2-1.82KA, IL3-0.22KA, fault loop- IL2-E At Maneswar end: Distance Protection,y-PH, Distance-40.4 km, Z1, pu time- 50 ms, trip time- 0 ms (Ir=0.42 Iy=1.82 Ib=0.22) kA, E/F -6 ms	Rairakhol Rairakhol RTSS	00:30 00:25	-	-	0.005768	-	-
			13:30	18:58	05:28	At Rairakhol end: Distance Protection,Zone-1 , Distance - 39.9KM, Current IL1-0.37KA, IL2-1.8KA, IL3-0.22KA, fault loop- IL2-E At Maneswar end: Distance Protection,Y ph, Z-1, Distance=39.9 km, pu time- 50 ms, trip time - 1 ms . Ir= 0.37 kA, Iy= 1.8 kA, Ib=0.22 kA								
441	Joda	31.05.24	13:53	14:05	00:12	132kV Joda-Bansapani RTSS Feeder	At Joda end: O/C,132kV Banspani RTSS feeder tripped on O/C with following relay indication, Ia=0.28KA, Ib=0.28KA	Bansapani RTSS	00:12	-	-	0.001824	-	-
442	Palasponga	31.05.24	14:48	14:51	00:03	132kV Joda-Palasponga Feeder	At Palasponga end: O/C, IA=537.3A, IB=472.9A, IC=346.1A, IN=0.05A,IG=3.22A	Palasponga, OSISL, Patnaik Steel, Polasponga RTSS ESIL, MSP	00:03 00:02	-	-	0.002478	-	-
443	Joda	31.05.24	14:52	14:55	00:03	132kV Joda-Bansapani RTSS Feeder	At Joda end: O/C,132kV Banspani RTSS feeder tripped on O/C with following relay indicationIa=0.26KA,Ib=0.26KA	Bansapani RTSS	00:03	-	-	0.000456	-	-
444	Laxmipur	31.05.24	14:53	15:19	00:26	220kV Laxmipur-NALCO CKT I	Z-1,B-PH,3.6KM,I1=6.103KA	-	-	-	-	-	-	-
445	Budhipadar	31.05.24	15:21	17:00	01:39	220kV Budhipadar-IBTPS CKT-3	At Budhipadar end: O/C,Budhipadar End:D/P 1(MiCOM P444): F.L:A-N, zone 1, F.Dur=71.65 ms, F.D=12.76 km, Ia=8.9 kA, Ib=500.2 A, Ic= 159 A, F.R=1.378 ohm D/P 2(Siemens 7SA52): F.L=L1-E, F.D=11.7 km(46.3%),Ia=9.25 kA, Ib=0.5 kA, Ic=0.1 kA	-	-	-	-	-	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
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Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
446	Podagada	31.05.24	16:11	18:59	02:48	132kV Rayagada-Podagada Feeder	At Podagada end: Distance Protection,GR-A/B Trip relay optd., DP Relay optd. PU Time= 680ms, Trip Time= 605ms, L1-E, Dist-118.5KM, ZONE-3, IL1= 0.54kA, IL2= 0.03kA, IL3= 0.10kA,	-	-	-	-	-	During tripping the said feeder is in idle charged condition.	-
447	Budhipadar	31.05.24	16:15	17:06	00:51	220kV Budhipadar-IB Ckt.-III	Tripped	-	-	-	-	-	-	-
448	Lakhanpur	31.05.24	16:34	19:41	03:07	132kV Lakhanpur-Budhipadar Feeder	At Lakhanpur end: Earth Fault,R phase to Earth Fault, (Ia-1.97ka, Ib-0.35ka, Ic-0.35kA) At Budhipadar end: O/C,F.L=A-N, zone1, F.Dur=69.99 ms, RTT=0s, F.D=11.33 km, II1=7.581 kA, II2=338.3A, II3=377.2 A, F.R=317.4 milliOhm	-	-	-	-	-	Lakhanpur Gss power availed from Brajrajnagar Gss	-
449	Budhipadar	31.05.24	17:11	19:17	02:06	132kV Budhipadar-Bamra Feeder	At Budhipadar end: O/C,Budhipadar end: F.L=A-N, zone1, F.Dur=61.73 ms, RTT=0s, F.D=28.99 km, II1=2.938 kA, II2=166.5A, II3=273.3 A, F.R=4.979 Ohm At Bamra end: F.L=A-N, zone1, F.Dur=78.41 ms, RTT=0s, F.D=20.03 km, II1=2.531 kA, II2=175.8A, II3=271.5 A, F.R=7.566 Ohm	-	-	-	-	-	-	-
450	Bidanasi	31.05.24	17:21	20:24	03:03	220kV Mendhasal-Bidanasi Feeder	At Bidanasi end: Distance Protection,Bidanasi End- Zone-1, Bphse, AR Lockout, Dist-25.12KM, Ir-11.95KA, Iy-10.85KA, Ib-3.96KA. Vbn-88.61KV, Fault Res-8.345ohm.MDSL End- Zone-1, Dist-2.7KM, Ib-14.46KA. At Mendhasal end: Distance Protection,IB=14.46kA, distance=2.7km	-	-	-	-	-	-	-
451	Aska	31.05.24	17:30	01-06-24 11:17	17:47	132kV Aska-Bhanjanagar CKT II	At Aska end: Distance Protection,AGT, Z-1, D=11.66 km, IA=5.06 kA, At Bhanjanagar end: Distance Protection,AGT, Z-1, D=11.66 km, IA=5.06 kA,	-	-	-	-	-	Feeder was under breakdown due to damaged of Insulator string in R&Y-ph at Loc No.44.the line charged after replacement of insulator string	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
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Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
452	Purusottampur	31.05.24	17:55	19:09	01:14	132kV Purusottampur-Aska Feeder	At Purusottampur end: Distance Protection, Tripped with Distance protection Relay, A/R Block, A/R Lockout, o/c in R-phase, fault current- IL1- 0.22 KA, IL2- 0.00 KA, IL3- 0.00 KA, Zone-1, Loop-L1-E, Distance- 21.4 KM. At Aska end: Distance Protection, Tripped with Distance protection Relay, A/R Block, A/R Lockout, o/c in R-phase, fault current- IL1- 0.22 KA, IL2- 0.00 KA, IL3- 0.00 KA, Zone-1, Loop-L1-E, Distance- 21.4 KM.	-	-	-	-	-	-	-
			17:56	21:34	03:38	132kV Chatrapur-Aska New Feeder	At Aska New end: Distance Protection, At GSS Aska New. Tripped on B phase to E/f, zone1, IB=5.383KA, distance=4.40 5Km. A/R lockout A GSS Chatrapur. Tripped on B phase to E/f, zone1, IB=2.018KA, distance=9.71Km. A/R lockout At Chatrapur end: Distance Protection, SEL-311C, DP Relay: Z-1, CN, A/R Lockout Fault distance=9.71km, Ia=0.141KA, Ib=0.105KA, IC=2.018KA, IG=1.99KA							
453	Narendrapur	31.05.24	18:27	18:47	00:20	132kV Narendrapur-Jagannathpur RTSS Feeder	At Narendrapur end: O/C, Tripped on R-Ph, B-Ph O/C, Ir-1KAmp, Ib-1Kmp	Jagannathpur RTSS	00:20	-	-	0.001695	-	-
454	Muniguda	31.05.24	18:32	18:33	00:01	132kV Muniguda-Bissam Cuttack RTSS Feeder	At Muniguda end: O/C, I=267.5 A	Bissam Cuttack RTSS	00:01	-	-	0.000111	-	-
455	Tarkera	31.05.24	19:43	23:13	03:30	132kV Tarkera-Rajgangpur CKT I	At Tarkera end: Distance Protection, zone-2, IA=2895 A, IB=6 A, IC=5 A, IN=2899 A, DIST=26.40KM	-	-	-	-	-	THE ABOVE SAID FEEDER WAS IN I/C CONDITION FROM TARKERA END AND H/T CONDITION FROM RGP END.	-
456	Rourkela	31.05.24	20:17	20:46	00:29	132kV Rourkela-Bhalulata RTSS-Shree Jagannath Steel Feeder	At Rourkela end: Distance Protection, DP RELAY: EVENT: ABT, ZONE 1, LOCATION- 2.39KM IA=7276A, IB=7396A, IC=134 A, IN=0, IG=406A	Bhalulata RTSS	00:29	-	-	0.002269	Shree Jagannath Steel was availing PS from Barbil end.	-
457	Paralakhemundi	31.05.24	21:52	22:02	00:10	132kV Akhusingh- Paralakhemundi Feeder	TRIPPED ON O/C	-	-	-	-	-	-	-
				22:04	22:04	132/33KV TRF-I								
				22:13	22:13	132/33KV TRF-II								
458	Maneswar	01.06.24	13:53	19:15	05:22	132kV Rairakhol-Maneswar Feeder	At Rairakhol end: Distance Protection, distance-43.3 km, Ir=0.35 kA, Iy=1.67 kA, Ib=0.22 kA, distance pick up - 50 ms	Rairakhol, Rairakhol RTSS	00:07	-	-	0.001366	Power supply availed from Boinda Grid end at 14.00 hrs	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
459	Junagarh	01.06.24	15:03	16:03	01:00	132kV Bhawanipatna-Junagarh Feeder	At Junagarh end: Distance Protection, Trip phase A B C, Ia=363.3A, Ib=173.7A, Ic=198.8A, Fault Distance=56.19km	Bhawanipatna, Bhawanipatna RTSS, Lanjigarh RTSS Junagarh	00:08 00:09	-	-	0.006212	-	-
				19:06	04:03	132kV Kesinga-Bhawanipatna Feeder	At Kesinga end: Earth Fault,DP, local end 14.41 kms							
				15:53	16:02	00:09	132kV Kesinga-Junagarh Feeder At Junagarh end: Remote End Tripping, At Kesinga end: DP Relay zone-1, distance- 24.5Kms, B-phase 2.439KAmp							
460	Digapahandi	01.06.24	15:11	16:16	01:05	132kV Chikiti-Digapahandi CKT I	At Digapahandi end: Earth Fault, DP optd. BCN, ZONE -II, Ia- 102.7A, Ib - 155.6A, Ic - 1.429KA, dist- 35.81kmrn	Chikiti	01:05	-	-	0.010387	-	-
						132kV Chikiti-Digapahandi CKT II	At Digapahandi end: Earth Fault,DP optd. BCN, ZONE -II, Ia- 106.2A, Ib - 159A, Ic - 1.429KA, dist- 35.83km							
461	Therubali	01.06.24	15:14	21:17	06:03	220kV Jayanagar-Upper Kolab PH- Therubali Feeder	At Therubali end: Distance Protection,At Therubali end:-RG fault,Zone-1,Dist:50.73KM,Ir=2.55KA At U.Kolab end:-RG,Zone-1,Dist:84.37KM,Ir=1.803KA	-	-	-	-	-	-	-
462	Tentulikhunti	01.06.24	15:19	16:13	00:54	132kV Dabugaon-Tentulikhunti Feeder	At Dabugaon End: Distance Protection, Operated on zone 2 distance 39.54 KM with fault current in R Phase 0.995kA. At Tentulikhunti end: DP relay Operated, Zone-1, Distance=4.023KM, Ir= 2.695kA, ly=212A,Ib= 69A	Nabarangpur	00:42	-	-	0.004885	-	-
				15:30	16:12	00:42	132kV Tentulikhunti-Nabarangpur Feeder At Nabarangpur end: Distance Protection OPTD R - ph, Zone- 1, Ia=1.66KA, Ib-141A,Ic-56A,Fault distance=10.68 km, At Tentulikhunti end: Distance protection OPTD, Ia= 1.776KA, Ib=104A, Ic= 26A, Fault Distance- 8.99km							
463	Podagada	01.06.24	16:17	19:10	02:53	132kV Rayagada-Podagada Feeder	At Podagada end: Remote End Tripping.No trippings at Podagada GSS end.Tripped at Rayagada end with Fault distance= 62KM.	-	-	-	-	-	Avail 132KV Machkund power supply through 132KV Jayanagar feeder.	-
464	Jayanagar	01.06.24	16:45	17:07	00:22	132kV Jayanagar-Jeypore RTSS Feeder	At Jayanagar end: Distance Protection,R-G, zone-1, distance=1.528km, Ir=8.6KA	Jeypore RTSS	00:22	-	-	0.004106	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
465	Potangi	01.06.24	17:37	19:32	01:55	132kV Sunabeda-Potangi Feeder	Incomer failed and Change Over P/S from 132kV Sunabeda-Potangi Feeder to 132kV Podagada-Potangi Feeder .	Potangi Sunabeda, HAL	01:55 00:26	-	-	0.015246	-	-
466	Jayanagar	01.06.24	17:40	18:03	00:23	132kV Jayanagar-Damanjodi Feeder	At Jayanagar end: Distance Protection,R-G,I _f -2.66KA,Z1	-	-	-	-	-	-	-
467	Joda	01.06.24	18:18	19:00	00:42	220kV Joda-Ramchandrapur Feeder	At Joda end: Distance Protection,Relay at Joda end: DP relay Main-1: Zone -01, Dist-107Km, Tripped phase- AN, Fault Current : I _a -1297A , I _b -446A, I _c -293A DP Main-II: Zone -01,Trip ph- AGT ,Dist -100.25Km , Fault current : I _a -1301A, I _b -445A,I _c -287A, I _n -1240A At Ramchandrapur end: DP relay Main-1: Zone -01 ,Dist-19.5Km, Fault Current :I _a - 270A ,I _b -290A,I _c -2270A	-	-	-	-	-	-	-
468	Vedanta	01.06.24	18:37	21:32	02:55	400kV Vedanta-Jharsuguda Feeder	At Jayanagar end: Distance Protection,R-G,I _f -2.66KA,Z1	-	-	-	-	-	-	-
469	Kuchinda	01.06.24	19:10	22:00	02:50	132kV Kuchinda-Kutra SW Station Feeder	At Kuchinda end: Distance Protection, Zone-1, Tripped ph R, Fault Location=32.94km,I _r =1.278kA, I _y =52.35A, I _b =19.48A, fault resistance=8.860 ohm At Kutra end: E/F,O/C, Tripped phR, Fault distance=25.01km, I _r =2937.09A, I _y =77.35A, I _b =33.15A, I _n =2888.47A	Kuchinda M/S Shiva Cement	01:16 01:45	-	-	0.019078	-	-
470	Kalunga	01.06.24	19:14	21:57	02:43	132kV Kalunga-Budhipadar Feeder	At Kalunga end: DP Relay- Tripped Phase- R-N, Zone- 1, Fault location- 71.49 km, Fault duration- 41.65 ms,relay trip time - 79.47 ms, I _r -182.4 A, I _y -11.02A, I _b -10.69A, Fault Resistance- 31.76 ohm At Budhipadar end: zone-1,fault location-29.35 km,fault duration-71.65 ms, I _r -2.52 kA,I _y -308.0 A,I _b -355.0 A,fault resistance-15.40 ohm	Kalunga	00:37	-	-	0.036897	-	-
471	Budhipadar	01.06.24	19:24	22:26	03:02	132kV Budhipadar-MCL Feeder	D/P operated: F.L=Y-B-N, F.D=9.78 km, I _a =4.76A I _b =9.01KA, I _c =7.65KA, F. Resistance=1.68ohm, Zone1, F. Duration=73.32ms	MCL	03:02	-	-	0.027438	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
472	Budhipadar	01.06.24	19:30	20:21	00:51	220kV Budhipadar-IB CKT-III	At Budhipadar end: D/P operated, F.L=R-N, F.D=12 km, Ia=9.93kA Ib=491.2A, Ic=160.7 A, F. Resistance=1.57ohm Zone1, F. Duration=63.27ms	Rajgangpur, Rajgangpur RTSS OCL Bamra	00:23 00:24 01:30			0.031262		
			19:32	19:51	00:19	220kV Budhipadar-IB CKT-II	At Budhipadar end: D/P operated, F.L=R-N, F.D=9.17 km, Ia=11.13kA, Ib=636A, Ic=190.6 A, F. Resistance=1.27ohm, Zone1, F. Duration=76.69ms							
			19:36	20:03	00:27	220kV Budhipadar-Korba CKT-II	At Budhipadar end: D/P operated: F.L=R-N R-Phase CB Blast at Korba end. F.D=71.77 km, Ia=2.336kA Ib=176.83A, Ic=189.21A, In-2.353KA, Zone1, F. Duration=66.69ms At Korba end: D/P operated, F.L=R-N F.D=103.7 km, Ia=1.712kA Zone1, F. Resistance=7.8ohm							
			19:30	22:03	02:33	220kV Bamra-Tarkera Feeder	At Tarkera end: Distance Protection, DP MAIN1: DIST= 57.475 KM, LOOP=L1-N, ZONE-2, IL1=2644.49 A, IN= 2668.91 A DP MAIN2 : DIST=57.97 KM, ZONE-2, LOOP : A-N, IA= 2.487 A, MT OPERATED							
			19:43	20:43	01:00	132kV Bamra-Rajgangpur Feeder	At Rajgangpur end: Over Current,TRIPPED AT BAMRA SIDE ZONE I,DISTANCE=8.193 KM,IA=4.64 KA,IB=288.6 A,IC=4.75 KA, FD=46.72 ms,FR=8.681 Q,RT Time=80.09 ms							
473	Brajarajnagar	01.06.24	19:31	02.06.24 12:29	16:58	132kV Brajarajnagar-MCL Feeder	At Brajarajnagar end: Distance Protection,zone-2 , IL1=0KA, IL2=0.47KA, IL3=0.01, Fault distance =17.9km, Fault duration =40ms	Jurabanga MCL	16:58	-	-	0.176026	Y phase jumper snapped at loc no. 72B of 132kV Brajarajnagar-Jorabaga MCL line	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

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										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
474	Lapanga	01.06.24	19:47	20:38	00:51	220kV Lapanga-Budhipadar CKT I	At Lapanga end: Distance Protection, MAIN RELAY-1:- FAULT LOOP-L1-E ZONE-1 IL1-10.5KA IL2-0.01KA IL3-0.0KA DIST-13.00KM(76.70%) Rp-1.541HM MAIN RELAY-2:- FAULT LOOP-L1-E ZONE-1 IL1-5.988KA IL2-0.140KA IL3-0.079KA DIST-2.8KM Rp-0.69OHM At Budhipadar end: D/P-1(SIEMENS) operated, F.L=R-N, F.D=2.7km, Ia=19.55kA Ib=0.24KA, Ic=0.10A, D/P-2(micom444) operated: F.L=R-N, F.D=2.70km Ia=627.4A, Ib=0A, Ic=0A, Zone1, F. Duration=53.36ms	-	-	-	-	-	AR successful at Budhipadar end.	-
475	Joda	01.06.24	19:53	16:58	21:05	220kV Joda-Ramchandrapur Feeder	At Joda end: Distance Protection,Relay at Joda end: DP relay Main-1:AR lockout ,Zone -01 , Dist-75.27Km, Tripped phase- AN, Fault Current : Ia- 1630A , Ib- 51.41A,Ic-47.18A DP Main-II: Zone -01,Trip ph- AGT ,Dist -65.70Km , Fault current : Ia-1656A, Ib-398A,Ic-512A, In-1892A At Ramchandrapur end: DP relay Main-1: Zone -01 ,Dist-54.6Km, Fault Current :Ia- 3090A ,Ib-390A,Ic-510A	-	-	-	-	-	-	-
476	Maneswar	01.06.24	19:56	20:06	00:10	132kV Rairakhol-Maneswar Feeder	At Rairakhol end: Over Current,Directional over current & earth fault operated, Trip A/B , LBB initiated, Ir=0.54 kA, Iy=0.54 kA, Ib=0.52 kA	Rairakhol, Rairakhol RTSS	00:22	-	-	0.004294	Maneswar GSS was availing supply from Sambalpur end	-
			20:47	23:22	02:35	At Rairakhol end: Distance Protection, Distance-17.8 km, trip time-0 ms, Y & B ph , pu time - 53 ms, LE 2-3. Ir=0.22 kA, Iy=3.16 kA, Ib=3.39 kA								
477	Lapanga	01.06.24	20:00	02.06.24 00:08	04:08	132kV Lapanga-SMC Feeder	At Lapanga end: Distance Protection, MAIN RELAY-1:- FAULT LOOP-L2-E ZONE-1 IL1-0.06KA IL2-15.64KA IL3-0.06KA DIST-1.6KM	Kuchinda SMC	00:16 01:15	-	-	0.003401	-	-
			20:47	22:07	01:20	132kV Kuchinda-SMC Power Feeder	At Kuchinda end: Earth Fault,Lapanga end data:mE/F,Tripped ph R,mIr=3kA, Disntance=1.6km ,Zone-1							

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

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478	Lakhanpur	01.06.24	20:52	22:44	01:52	132kV Lakhanpur-Budhipadar Feeder	At Lakhanpur end: Earth Fault, R phase to earth fault (Ia=1.91kA, Ib=0.34kA, Ic=0.32kA) At Budhipadar end: D/P operated, F.L=R-N, F.D=10.32 km,Ia=7.5kA, Ib=354.7A, Ic=341.9A, Zone1, F. Duration=65.09ms, fault resistance=91.49ohm	-	-	-	-	-	Lakhanpur availed P/s from Brajrajnagar	-
479	Lapanga	01.06.24	20:53	22:37	01:44	132kV Lapanga-Hirakud Feeder	At Lapanga end: Distance Protection,MAIN RELAY-1:- FAULT LOOP-L1-E ZONE-1 IL1-13.86KA IL2-0.06KA IL3-0.01KA DIST-1.7KM	Hirakud Aryan Ispat	01:44 01:53			0.015914		
			20:53	22:46	01:53	132kV Lapanga-Aryan Ispat Feeder	At Lapanga end: Distance Protection, MAIN RELAY-1:- FAULT LOOP-L1-L2 ZONE-1 IL1-9.2KA IL2-9.2KA IL3-0.02KA DIST-6.2KM							
			20:55	02.06.24 13:26	16:31	132kV Budhipadar-Lapanga Feeder	At Lapanga end: Over Current,O/C,L1 L2 IL1-0.0KA IL2-0.03KA IL3-8.62KA PUT-441mSec							
			20:50	23:14	02:24	400kV Lapanga-OPGC CKT I	At Lapanga end: Distance Protection							
			20:57	23:49	02:52	400kV Lapanga-OPGC CKT II	At Lapanga end: Distance Protection, MAIN RELAY-1:- FAULT LOOP-L1-E ZONE-1 IL1-21.86KA IL2-0.47KA IL3-0.60KA DIST-1.516KM							
480	Sambalpur	01.06.24	21:01	21:16	00:15	132kV Sambalpur-Shyam DRI Feeder	At Sambalpur end: Tripped on Z1, Yph E/F, Ia=231A, Ib=254A,Ic=220A, Ig=2238A, Fault dist.=25.72KM, fault duration= 167.433ms No tripping at Shyam DRI end.	Shyam DRI	00:15	-	-	0.005530	-	-
481	Lapanga	01.06.24	21:02	22:06	01:04	132kV Lapanga-Rengali RTSS Feeder	At Lapanga end: Distance Protection,LAPANGA END DETAILS MAIN-1:- FAULT LOOP-L1-L3-E ZONE-1 IL1-7.479KA IL3-7.480KA DIST-11.52KM FD-500msec	Rengali RTSS	01:04	-	-	0.006818	-	-
482	Lapanga	01.06.24	21:05	23:14	02:09	400kV Lapanga-OPGC CKT I	At Lapanga end: Distance Protection,LAPANGA END DETAILS MAIN RELAY-1:- FAULT LOOP-L2-E IL1=708.7A IL2=1.340KA IL3=6.514KA FD=36.68msec RTT=0.000msec	-	-	-	-	-	AR successful at IB end.	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
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Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
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483	Katapali	01.06.24	21:20	09:45	12:25	132kV Katapali-Chiplima PH CKT II	At Katapali end: Distance Protection, Tripped with Distance protection optd in zone-3 IR=427.8A, IY=314.3A, IB=4.5KA, fault duration=584.3ms, fault location=27.17km, Relay trip time=0ms. Back up relay- tripped with IR=427.8A, IY=413.3A, IB=4.8KA, fault duration=501ms	-	-	-	-	-	-	-
484	Rengali	01.06.24	23:13	02.06.24 13:25	14:12	220kV Rengali-Tarkera Feeder	At Rengali end: Distance Protection, DP relay operated, DIST : 34.85 KM, R-N Ph, ZONE-1, Ia=308.8 A, Ib=41.83A, Ic=4.013KA rrrnMT OPERATED At Tarkera end: Distance Protection, DP MAIN1 : DIST : 87.969 KM, LOOP : L3-N, ZONE-1, IL3= 1914.2 A, IN= 1664.89 A DP MAIN2 : ZONE-1, DIST : 89.05 KM, IC= 1.722 KM, LOOP = C-N, MT OPERATED	-	-	-	-	-	The line charged at 23:30 hrs but tripped immediately.	-
485	G.Udaygiri	02.06.24	13:42	14:39	00:57	132kV Phulbani-G.Udaygiri Feeder	<u>At G.Udaygiri end:</u> Distance Protection, zone-1 , D-23.6KM, Ir-1.40KA, Iy-0.13KA & Ib-0.25KA.	Phulbani	00:57	-	-	0.015871	-	-
486	Polasponga	02.06.24	13:52	13:53	00:01	132kV Polasponga-Kendujhargarh RTSS Feeder	At Polasponga end: Over Current, IA=305A, IB=295A, IC=28.65A	Kendujhargarh RTSS	00:01	-	-	0.000155	-	-
487	Kesinga	02.06.24	18:11	18:16	00:05	132kV Kesinga-Bhawaniapatna Feeder	<u>At Kesinga end:</u> Earth Fault, Master Trip Operated	-	-	-	-	-	-	-
488	Joda	02.06.24	18:48	19:05	00:17	132kV Joda-Polasponga Feeder	At Joda end: Earth Fault, IL1=.35KA, IL2=.72KA, IL3=.32KA At Polasponga end: Remote End Tripping, IL1=0.35KA, IL2=0.72KA, IL3 =0.32KA	Polasponga, ESIL, OSISL, Patnaik Steel, Kendujhargarh RTSS MSP	00:17 00:18	-	-	0.017339	-	-
489	Kuchinda	02.06.24	19:05	21:40	02:35	132kV Kuchinda-SMC Power Feeder	<u>At Kuchinda end:</u> Distance Protection, Zone-1, Tripped Y, Fault location=28.30km, Ir=190.4A. Iy=851.8A, Ib=55.81A <u>At SMC end:</u> Zone-1, tripped ph R Y B, Fault Location=14.21km, Ir=190.8A, Iy=4.699kA, Ib=45.25A	Kuchinda	00:23	-	-	0.004406	SMC was availing power supply from Lapanga end	-
490	Katapali	02.06.24	19:14	19:51	00:37	132kV Katapali-Chiplima PH CKT II	Earth Fault, Tripped at CPH end only in O/C and E/F in R phase-IR=322A, IY=132A, IB=56A	-	-	-	-	-	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.

FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
				17:32	17:32	132kV Katapali-Burla PH CKT II	At Katapali end: Distance Protection, Tripped with Distance protection IR=288.1A ,IY=314.1A, IB=603A, IN=0.65A, fault distance=9.27km, fault impedance=3.56ohm	-	-	-	-	-	-	-
491	Budhipadar	02.06.24	19:23	21:03	01:40	132kV Budhipadar-Bamra Feeder	At Bamra end: Distance Protection, D.P-Fault Loop- L2-N, Zone- 1, Distance-9.037KM, F.D-71.58ms, RTT=79.90ms, Ia=287.5A, Ib=3.292KA, Ic=253.5A At Budhipadar end: D/P operated, F.L=Y-N, F.D=38.57 km, Ia=291A, Ib=1.804kA, Ic=241 A, F. Resistance=21.09ohm, Zone1, F. Duration=58.26 ms	Rajgangpur, OCL, Rajgangpur RTSS Kalunga Bamra	00:23 00:21 01:40			0.053379		
			19:41	03.06.24 10:38	14:57	132kV Bamra-Rajgangpur Feeder	At Bamra end: Earth Fault, Fault type= E/F & O/C, R-phase operated, , F.D=620 ms, RTT=65 ms ,Ia= 1.837KA, Ib= 170.3A, Ic= 203A, In=1.616KA Make & type of Relay- ALSTOM Micom & P141 At Rajgangpur end: Earth Fault, R-PH, Z1-PU/Z1 TRIP, ZONE- 1, IR=1.322 KA, IY=160.3 A, IB=192 A, DISTANCE=22.69 KM, MASTER TRIP RELAY OPERATED							
			19:27	22:36	03:09	132kV Kalunga-Budhipadar Feeder	At Kalunga end: DP Relay- Tripped Phase- R-N, Zone- 1, Fault location- 31.20 km, Fault duration- 53.31 ms, relay trip time - 79.97 ms, Ir-442.9 A, Iy-252.8A, Ib-448.5A, Vrn-23.07 kv, Vyn-74.73 kv , Vbn-73.99 kv, Fault Resistance- 30.03 ohm At Budhipadar end: zone-1, fault location-61.73 km, fault duration-54.97 ms, Ir-1.743 kA, Iy-234.1 A, Ib-443.6 A, fault resistance-1.424 ohm							
			19:49	20:03	00:14	220kV Budhipadar-VAL CKT II	At Budhipadar end: D/P operated, F.L=R-N, F.D=9 km, Ia=8.54kA, Ib=1.39kA, Ic=1.05kA, Zone 1							
492	Gondia	02.06.24	19:50	20:32	00:42	132kV Gondia-TTPS Feeder	At Gondia end: Distance Protection, Ir=1.04 KA, Iy=0.05 KA, Ib= 0.10KA, 50HS SOTF-O/C Trip command ABC, Loop- A_ G.	-	-	-	-	-	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
493	New Duburi	02.06.24	19:51	22:44	02:53	400kV New Duburi-Meramundali CKT I	At New Duburi end: Distance Protection, MAIN-1: Y-N, ly = 6.09 KA, DIST = 42.6 KM, MAIN-2: Y-N, ly = 6.15 KA, DIST = 42.6 KM, EVENT-2: Y-N, ly = 7.51 KA, DIST = 39.3 KM At Meramundali end: Distance Protection,Distance Protection,Remote End Tripping,MAIN-1: Y-N, ly = 5.03 KA, DIST = 54.3 KM,MAIN-2: Y-N, ly = 5.03 KA, DIST = 54 KM	-	-	-	-	-	-	-
494	Kamakhyanagar	02.06.24	19:54	20:05 20:15	00:11 00:21	20MVA TRF I, 12.5MVA TRF II & III 132kV Kamakhyanagar-Duburi-Goda Feeder	O/C At Kamakhyanagar end: Distance Protection,i1=938.6A,i2=25.2A,i3=74.09A , distance=20.6km At Goda end: Tripped on E/F in R-Phase, Zone-I, lr:5.99KA,ly:27.97A,lb:8.37A, ln : 5.95KA	Kamakhyanagar	00:11	-	-	0.003157	-	-
495	Jayanagar	02.06.24	19:54	20:08	00:14	132kV Jayanagar-Meenakshi Feeder	At Jayanagar end: Distance Protection,B-G, zone-1, lb=2.463KA	Megalift	00:18	-	-	0.000001	-	-
496	New Duburi	02.06.24	20:13	20:20	00:07	220kV New Duburi-Paradeep CKT I	At New Duburi end: Distance Protection, MAIN-I, EVENT-1, L1-E FAULT IL1-5.40 KA Dist-26.2 KM, EVENT-2, L1-E FAULT, IL1-5.41 KA, Dist-26.0 KM MAIN-II: EVENT-1, L1-E FAULT , IL1-5.37 KA Dist-30.3 KM,EVENT-2, L1-E FAULT , IL1-5.98 KA,Dist-29.9 KM BACK UP RELAY: R-PH PU EF PU At Paradeep end: MAIN-I: AR SUCCESS R-G LOOP DIST-70.5KM IR-1.15KA MAIN-II: NOT OPERATED	-	-	-	-	-	-	
497	Duburi	02.06.24	20:18	20:43	00:25	132kV Duburi-JFAL Feeder	At Duburi end: Distance Protection,Distant Protection RelayrnStart Phase - C N,Tripped Phase - A B C, ZONE-1, FAULT LOCATION = 6.289KM, Ia=52.14A,Ib=70.55A, Ic=3.99KA,Van=74.57KV,Vbn=75.96 KV, Vcn=31.63KV , Fault Resistance= 1.005 ohm, Relay Trip time =79.96ms	JFAL	00:26	-	-	0.000019	-	-
				20:53	20:53	132kV Duburi-Kalarangi Feeder	At Duburi end: Distance Protection,							

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
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Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
				20:45	00:28	132kV Gondia-JFAL Feeder	At Gondia end: Remote End Tripping,Adjacent line (132kV JFAL-Duburi) tripped at remote end (Duburi end).							
498	Boinda	02.06.24	20:24	21:57	01:33	132kV Boinda-Rairakhol Feeder	DP RELAY INDICATION-3-PH trip,Trip R, Fault abs dist-(-1.00KM),Fault Loop-L1N, IL1-466.93A ,IL2- 125.00A, IL3- 196.08A	Boinda, Boinda RTSS	00:14	-	-	0.004400	-	-
499	Rayagada	02.06.24	20:39	03.06.24 14:20	17:41	132 kV Rayagada-Therubali Feeder	At Rayagada end: Earth Fault,B-Phase E/F, Ib=9.8KA, Ig=9.8KA At Therubali end: Earth Fault,B-Phase E/F, Ib=9.8KA, Ig=9.8KA	Rayagada RTSS	00:45	-	-	0.005443	132KV BTH P/S availed from Akhusingh feeder.	-
				20:47	00:08	220kV Balimela PH-Balimela-Jayanagar Feeder	At Jayanagar end: Distance Protection,R-G, Zone-1, dist=77.17km, Ir=1.693KA							
500	Tarkera	02.06.24	21:12	21:58	00:46	220kV Bonai-Tarkera Feeder	At Tarkera end: Distance Protection,DP1 :- DIST=33.94 KM, LOOP : L3-L1 , ZONE-1, IL1=3909.8 A, IL3=6557.2AmDP2 : ZONE-1, DIST=33.58 KM, LOOP : ACN, IA=3.73 KA, IB=218.7 A, IC=6.316 A At Bonai end: Distance Protection,Z1, Trip Phase-RYB, Distance-13.94 km, Ia=1.386 kA, Ib=213.3 A, Ic=2.021 kA.	-	-	-	-	-	THE FEEDER WAS NOT TRIPPED FROM BONAI GRID END AND BONAI-BARKOTE FEEDER WAS IN CHARGED CONDITION. Bonai Grid was availing power from Barkote end.	-
501	Brajarajnagar	02.06.24	21:22	21:45	00:23	132kV Budhipadar-Brajarajnagar Feeder	At Brajarajnagar end: Remote End Tripping, D/P Operated,zone -1,R-Y-ph-E,IL1=9.979KA,IL2=8.390KA,IL3=0.733KA,Fault distance =8.898km,Fault duration =90.04 ms At Budhipadar end: D/P operated, F.L=R-N, F.D=51.58 km, Ia=1.519 kA, Ib=284.3 A, Ic=525.7 A, F. Resistance=3.1ohm, Zone2, F. Duration=74.92 ms	-	-	-	-	-	132kV GSS Brajarajnagar availed supply from GSS Lakhanpur	-
502	Atri	02.06.24	21:48	10:04	12:16	220kV Mendhasal-Atri Feeder	At Atri end: Distance Protection,Y phase -N, Zone-1, Iy=6.693 kA ,Distance=15.58 km At Mendhasal end: Distance Protection,Iy=13.75kA,Dist=3.2km	-	-	-	-	-	-	-
503	Paradeep	02.06.24	21:55	23:23	01:28	132kV Paradeep-PPT CKT II	At Paradeep end: Earth Fault,Tripped on B-Phase to Ground , Ib=8.2KAmp	-	-	-	-	-	Port get power supply through PPT CKT I	-
504	Dhenkanal	02.06.24	22:29	23:07	00:38	132kV Dhenkanal-Joranda RTSS Feeder	At Dhenkanal end: Distance Protection,Z-2, Distance=20.69Km, Ia=24.03A, Ib=0A, Ic=2.427KA	Joranda RTSS	00:38	-	-	0.004974	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
505	Paradeep	02.06.24	22:42	22:48	00:06	132kV Paradeep-PPT CKT I	At Paradeep end: Earth Fault,Tripped on O/C R-Phase, Ir-6.62KAmp due to heavy lightening & wind	-	-	-	-	-	Port get power supply from PPT CKT I	-
506	Meramundali	03.06.24	06:40	11:40	05:00	100MVA Auto TRF II	Buchholz Relay,False operation due to presence of moisture	-	-	-	-	-	-	-
507	Chandaka B	03.06.24	10:42	13:15	02:33	220kV Mendhasal-Chandaka B Feeder	At Chandaka B end: Earth Fault,relay details at chandaka B end. Current values are 140.9 A(IR), 247 A (IY) ,4.9 kA (IB) ,C-N At Mendhasal end: Distance Protection,Ib=9.4kA,Dist.=6.5km	-	-	-	-	-	-	-
508	Kesinga	03.06.24	11:12	12:10	00:58	132kV Kesinga-VAL Lanjigarh Feeder	At Kesinga end: Earth Fault,R-Phase earth Fault, 1.11K Amp, rn	-	-	-	-	-	-	-
509	Polasponga	03.06.24	12:54	12:57	00:03	132kV Joda-Polasponga Feeder	At Polasponga end: Over Current,AB T, IA=508.6A,IB=416.8A,IC=342.1A, ,IG=3.42A	Polasponga, ESIL, MSP, OSISL, Patnaik Steel, Kendujhargarh RTSS	00:03	-	-	0.003027	-	-
510	Budhipadar	03.06.24	20:04	20:09	00:05	220kV Budhipadar-Bamra Feeder	At Budhipadar end: Over Current,Budhipadar end:- D/P operated(MICOM p444): F.L=R-N F.D=51.58 km Ia=1.519 kA Ib=284.3 A Ic=525.7 A F. Resistance=3.1ohm Zone2 F. Duration=74.92 ms	Bamra	00:05			0.000592		
				21:05	01:01	220kV Bamra-Tarkera Feeder	At Tarkera end: Distance Protection,DP1 :- ZONE-2, DIST=54.63 KM, LOOP :- A-N, IA=2.72 KA, IB=781.3 A, IC=202.4 A, FAULT RESISTANCE=1.814 OHM,DP2 :- ZONE-2, DIST=62.969 KM, LOOP :- L1-N, IL1=2.706 KA, IL2=776.06 A, IL3=186.74 A At Bamra end: Distance Protection,D.P-1, Fault Loop- L1-N, Zone- 1, Distance-401.5MTR, F.D-53.27ms, RTT=79.91ms, Ia=4.387KA, Ib=770.6A, Ic=217.6 D.P-2, Fault Loop- L1-N, Zone- 1, Distance- 0.6KM, Ia= 4697.800A, Ib=780.121A, Ic=206.781A, In=5176.955A							
511	Kuarmunda	03.06.24	20:40	04.06.24 13:27	16:47	220kV Kuarmunda-Tarkera Feeder	At Kuarmunda end: Earth Fault,B/U Micom 141 Relay indications:rn1) Fault Loop: C-N.rn2) Current in R, Y, B, N: IA=10.16 A, IB=13.13 A, IC=708.4 A, IN=711.3 A.rn3) Fault duration: 1.31 s.	-	-	-	-	-	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
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Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
512	Budhipadar	03.06.24	21:13	06:57	09:44	132kV Budhipadar-Jharsuguda CKT II	At Budhipadar end: Over Current,BUDhipdar end:-D/P operated:F.L=B-NmF.D=1.277 kmmla=297.7 Arnlb=159.1 A,Ic=12.95 kA, F. Resistance=1.859ohm, Zone1, F. Duration=70.12 ms At Jharsuguda end: Distance Protection,CN, zone-II, 9.432KM, Ir= 298.9 A, Iy=161.9 A, Ib= 4.255 A, Fault duration= 81.80ms, Fault Resistance= 5.420 ohm	-	-	-	-	-	-	-
513	Joda	04.06.24	04:16	04:20	00:04	132kV Joda-Bansapani RTSS Feeder	At Joda end: Over Current,Tripped at Joda end only with following relay indication Relay at Joda end: B/U relay: Dir.O/C tripped,Fault Current: IL1=0.27KA,IL2=0.27KA	Bansapani RTSS	00:04	-	-	0.000605	-	-
514	Rayagada	04.06.24	15:58	17:33	01:35	132kV Rayagada-Podagada Feeder	Machhkund supply failure	Rayagada Potangi	00:13 00:20	-	-	0.004006	Weather condition-Severe lightning,Stormy weather and heavy rainfall.	-
				17:42	01:44	132kV Akhusingh-Rayagada Feeder								
				16:18	00:20	132kV Podagada-Potangi Feeder								
515	Bhanjanagar	04.06.24	16:20	16:26	00:06	220kV Bhanjanagar-Therubali CKT I	At Bhanjanagar end: A/R Operate, CN, Z-1, D=6.938km, IC=6.74 KA At Therubali end: Earth Fault, CN, Z-1, D= 135.5 KM, IC=1.37 KA	-	-	-	-	-	-	-
516	Jayanagar	04.06.24	16:20	17:28	01:08	132kV Jayanagar-Machhkund Fdr	Tripped	-	-	-	-	-	-	-
517	Bhanjanagar	04.06.24	16:42	17:35	00:53	220kV Bhanjanagar-Therubali CKT I	At Bhanjanagar end: Earth Fault, AN, Z-2, D=211.5km, IA=729.2A, At Therubali end: AN, Z-1, D= 51.08 KM, IA=2.25 KA	-	-	-	-	-	-	-
						220kV Bhanjanagar-Therubali CKT II	At Bhanjanagar end: Earth Fault, AN, Z-2, D=200km, IA=738.8A, At Therubali end: AN, Z-1, D= 34.86 KM, IA=2.19 KA							
518	Muniguda	04.06.24	20:20	20:22	00:02	132kV Muniguda-Bissam Cuttack RTSS Feeder	At Muniguda end: Over Current, Ir=264A, Iy=261A	Bissam Cuttack	00:02	-	-	0.000220	-	-
519	Lapanga	05.06.24	03:46	16:30	12:44	132kV Budhipadar-Lapanga Feeder	At Lapanga end: O/C (R-N)	Budhipadar, MSP AAL BHUSAN Power MCL SMC Jharsuguda, Jharsuguda RTS Ultratech	00:46 01:08 01:06 06:18 00:43 01:02 01:14	-	-	0.274393	-	-
			03:47	10:05	06:18	132kV Budhipadar-MCL Feeder	At Budhipadar end: Over Current,(B.padar end) D/P u2013 Tripped Phase-ABC, Fault loop- Bph to E, Zone 1, Dist- 1.57km, IL1- 135.9A, IL2-181.5A, IL3- 10.77kA, Fault duration- 70.01ms.							
			04:11	05:00	00:49	160MVA Auto TRF II Lapanga	At Lapanga end: Differential							

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
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										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
				05:12	01:01	132kV Lapanga-Jharsuguda Feeder	At Lapanga end: R-N, Zone 1, Dist-10.6km, Ir- 8.7kA	Bamra, Bamra RTSS Lephripada Brajarajnagar, Belpahar RTSS, Jurabanga MCL, Kechhobahal RTSS, Lakhanpur Kalunga	00:30					
				06:03	01:52	132kV Budhipadar-Jharsuguda CKT II	At Jharsuguda end: B-N, Zone 1, Ir-0.242kA, ly- 0.819kA, lb- 0.658kA		01:04					
				06:40	02:29	132kV Budhipadar-Jharsuguda CKT I	At Jharsuguda end: Y-B, Zone 1, ly-0.592kA, lb- 0.683kA		01:03					
			04:12	08:20	04:08	220kV Budhipadar-Raigarh PG Feeder	At Budhipadar end: O/C (Y-B), Zone 4, Dist- -2.648km, ly- 3.398kA, lb-3kA		00:47					
				08:21	04:09	220kV Budhipadar-Korba CKT III	At Budhipadar end: O/C (Y-B), Zone 4, Dist- -2.098km, ly- 1.68kA, lb-1.487kA At Korba end: B-N, Zone 2, Dist-201km, lb- 0.94kA							
				05:04	00:52	220kV Bus Coupler	B/U Relay Trip, Fault Trip-BC to G Trip, Ia-261.1A, Ib-3.029Kamp, Ic-2.681Kamp, In-0.14A, Ig-2.618Kamp							
				05:10	00:58	220kV Budhipadar-IB CKT I	D/P 1- Fault loop-L2 to E, Dist- 7km, IL1-2.13KA, IL2-2.5Kamp, IL3-2.16kA,							
				06:06	01:54	220kV Budhipadar-IB CKT II	Started phase-BC-N, tripped phase-ABC,zone-4,FD=-6.722KM,Ia-629.4A,Ib-955.9A,Ic-799.5A,fault							
				20:24	16:12	220kV Budhipadar-IB CKT III	D/P 1-Zone-1, IL1-0A, IL2-309.8Amp, IL3-137.1A, Fault Duration-15.04ms,							
				06:07	01:55	220kV Budhipadar-IB CKT IV	D/P 1:-started phase BC-N, tripped phase-ABC,-Zone-4, Trip Phase-BCN,							
				09:05	04:53	220kV Budhipadar-Korba CKT I	Tripped from Korba KTPS end only							
				04:54	00:42	220kV Budhipadar-Lapanga CKT-I	D/P 1:-started phase ABC-N, tripped phase-ABC,Zone-4, Fault Duration-302.5ms,Dist.1.912km,IL1-1.17KA, IL2-4.452KAmp, IL3-3.944KA,							
				05:06	00:54	220kV Budhipadar-Lapanga CKT-II	D/P1-started phase-ABC-N, tripped phase-ABC,Zone-4,Dist.-2.3km,IL1-1.18KA,IL2-4.08KAmp, IL3-3.6KA, /DP-2 FL-L2-L3,Fault Duration-310.8 ms,Zone-4,IL1-1.18KA, IL24.08KA, IL3-							
				10:08	05:56	220kV Budhipadar-Bamra Feeder	D/P:-started phase-BC-N, tripped phase-ABC,FD-13.72KM, FD-304.1ms, Zone-4, IL1-111.7A, IL2-414.7A, IL3-							
				09:50	05:38	220kV Budhipadar-VAL CKT I	D/P1:- Fault Loop-B to C, Dist-7.4Kms, Fault current IL1-2.63KA, IL2-7.18KA,							
			04:35	05:17	00:42	220kV Budhipadar-BPSL CKT-I	H/T for restoration of power supply							
				09:22	04:47	220kV Budhipadar-BPSL CKT-II								

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FORMAT : B-3 & B-4

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										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
				05:37	01:02	220kV Budhipadar-Kuarmunda Feeder								
				05:20	00:45	220kV Budhipadar-AAL CKT-I & II								
				05:19	00:44	220kV Budhipadar-VAL CKT-II								
				06:56	02:21	220kV Budhipadar-SMC Feeder								
				04:41	04:57	160MVA Auto-I Budhipadar								
				06:12	01:31	160MVA Auto-II Budhipadar								
				04:55	05:08	132kV Budhipadar-Sundargarh CKT-I								
				05:50	00:55	132kV Budhipadar-Sundargarh CKT-I								
				11:11	06:16	132kV Budhipadar-Kalunga Feeder								
				18:41	13:46	132kV Budhipadar-Bamra Feeder								
				05:12	00:17	132kV Budhipadar-Brajarajnagar Feeder								
				08:52	03:57	132kV Budhipadar-Lakhanpur Feeder								
				05:30	00:35	132kV Budhipadar-MSP Feeder								
520	Lephripada	05.06.24	04:11	05:15	01:04	220kV Budhipadar-Lephripada Feeder	At Lephripada end: Remote End Tripping,Blackout at Budhipadar GSS	Lephripada	01:04	-	-	0.008791	The feedeer was in idle charged condition from Tarkera grid end.	-
521	Chainpal	05.06.24	06:40	07:03	00:23	132kV Chainpal-Global-TFL Feeder	At Chainpal end: Distance Protection,ZONE-1, L3N, DISTANCE=1.92KM, IC=9.2KA	Global, Heavy Water, Talcher Fert. Ltd	00:23	-	-	0.000863	-	-
522	Tusura	05.06.24	07:10	07:15	00:05	132kV Tusura-ACME Feeder	At Tusura end: Earth Fault, tripped phase-AG, Distance protection operated-14.6 km	-	-	-	-	-	-	-
523	Kuchinda	05.06.24	11:36	11:47	00:11	132kV Kuchinda-Kutra SW Station Feeder	At Kuchinda end: Distance Protection,Disntance trip ZONE-1, Tripped ph Y,mFault distance=2.3km,rnlr=13.39A, ly=4097.34A, lb=57.46A, ln=3975.79A	Kuchinda, M/S Shiva Cement	00:11	-	-	0.002581	-	-
524	Rayagada	05.06.24	11:56	12:04	00:08	132kV Rayagada-Podagada Feeder	At Rayagada end: Zone 1, Dist-19.01km, lr- 0.23kA, ly- 0.177kA, lb- 0.284kA At Podagada end: R-N, Zone 1, Dist-81.3km, lr- 0.72kA	Rayagada	00:08	-	-	0.001739	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
525	Narendrapur	05.06.24	15:41	15:41	00:00	220kV Narendrapur-Gunupur Feeder	At Narendrapur end: On Facia: A/R operated.,Main-2 Protection operated. Main1(MicomP444): C to N, Tripped phase- C, Z1, Loc=52.39km, Ia=249.8A,Ib=189.4A, Ic=2.197KA,Fault Res=5.542ohm, Van-121.2KV ,Vbn-121.1KV ,Vcn-85.83KV, Main-II(SEL311C): C to G , Z1, Fault loc-52.10Km; Ia=250A, Ib=191A, Ic=2134A,Ig=2180A No tripping at Gunupur end.							
			15:46	18:55	03:09		At Narendrapur end: On Facia: Main-1 Protection operated.Main-2 Protection operated. Main1(MicomP444): A/R Lockout Shot,Started phase - AB, Tripped phase -A B C, Z1, Loc=59.05km, Ia=2.370KA,Ib=2.553KA, Ic=250A,Fault Res=2.579ohm, Van-87.33KV ,Vbn-87.09KV ,Vcn-124.3KV, Main-II(SEL311C): AB trip, Z1, Fault , loc-58.18Km; Ia=2452A, Ib=2642A, Ic=245A,Ig=16A At Gunupur End: A/R close,Z1,Loc=89.46Km, Fault Resistance=36.34ohm , Micom P141: Ia=1.42KA,Ib=1.218KA,Ic=236.8amp, Micom P444: Ia=1.516KA,Ib=1.316KA, Ic=238.1A, Loc=89.46KM, D60 Multilin Relay : Fault type=AB, Loc=82km,Ia=1029.15Amp,Ib=884.07 AMP,Ic=178.10Amp,	-	-	-	-	-	-	-
526	Mohana	05.06.24	15:54	19:17	03:23	132kV Akhusingh-Mohana Feeder	At Mohana end: Distance Protection,At Digapahandi end: Dist=42.84km, IR=47A, IY=1324A, IB=31A, IG=1249A	Mohana	00:12	-	-	0.001279	-	-
527	Bhanjanagar	05.06.24	16:04	16:14	00:10	220kV Bhanjanagar-Therubali CKT I	At Bhanjanagar end: Earth Fault, A/R Operated, AN, Z-1, D=53.76km, IA=2.44 KA At Therubali end: AN, Z-1, D= 115.7 KM, IC=1.31 KA	-	-	-	-	-	-	-
528	Therubali	05.06.24	17:35	17:54	00:19	220kV Therubali-Indravati CKT II	At Therubali end: RN, Z-1, 61.5KM, Ir=1.163KA At Indravati end: RN, Z-1, 3.735KM, Ir=9.375KA	-	-	-	-	-	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
529	Muniguda	05.06.24	18:18	18:20	00:02	132kV Muniguda-Bissam Cuttack RTSS Feeder	At Muniguda end: Over Current,I=264A	Bissam Cuttack RTSS	00:02	-	-	0.000220	-	-
530	Rourkela	05.06.24	21:11	06.06.24 12:30	15:19	132kV Rourkela-Bhalulata RTSS-Shree Jagannath Steel Feeder	At Rourkela end: Earth Fault,trip time 21:11 Fault details: zone 1 ,CGT, location 2.10,IA=199A,IB=84A,IC=9183A,IN=1A,IG=9194A. TEST CHARGED AT 21:55HRS FAULT DETAILS:ZONE 1 ,CGT, LOCATION 2.00,IA=14A,IB=15A, IC=9308A.IN=1A, IG=9318A.	Jaganath Steel Bhalulata RTSS	02:00 15:19	-	-	0.064364	-	-
531	Kuchinda	05.06.24	21:14	06.06.24 14:10	16:56	132kV Kuchinda-Kutra SW Station Feeder	At Kuchinda end: Distance Protection,RELAY: O/C, E/F-YphmI=104.7A, Iy=1.319kA, Ib=2.171kA, In=754.8A,mVry=121.6kv, Vyb=35.11kv, Vrb=115.6kvmFault Distance=23.32km, Fault duration=59.94ms, ZONE-1	-	-	-	-	-	-	
532	Muniguda	06.06.24	00:04	00:06	00:02	132kV Muniguda-Bissam Cuttack RTSS Feeder	At Muniguda end:Over Current,I=262A	Bissam Cuttack RTSS	00:02	-	-	0.000220	-	-
533	Polasponga	06.06.24	00:18	00:22	00:04	132kV Polasponga-Kendujhargarh RTSS Feeder	At Polasponga end: Over Current,IA=306A,IB=229.7A,IC=88.9 A, INM=6.9A,IND=7.399A	Kendujhargarh RTSS	00:04	-	-	0.000620	-	-
534	Tarkera	06.06.24	08:45	11:46	03:01	220kV Rengali-Tarkera Feeder	At Tarkera end: Distance Protection, DP MAIN1 : DIST=125.77 KM, LOOP : L1-L2, IL1= 1841.81 A, IL2=1603.45 A, IL3= 230A, IN- 4.52 AmDP MAIN2: LOOP=A-B, ZONE-2, DIST= 127.1 KM, IA- 1.839 KA, IB= 1.603 KA, IC= 227.3 A	-	-	-	-	-	-	
535	Bhawanipatna	06.06.24	15:31	15:33	00:02	132kV Bhawanipatna-Lanjigarh RTSS Feeder	At Bhawanipatna end: Over Current,la=0, lb=266.8A, lc=261.6A, ln= 5.2A	Lanjigarh RTSS	00:02	-	-	0.000235	-	-
536	Joda	06.06.24	15:38	15:42	00:04	132kV Joda-Bansapani RTSS Feeder	At Joda end: Over Current,Tripped at Joda end only with following relay indication Relay at Joda end: B/U relay: Dir.O/C tripped,Fault Current: IL1=0.27KA,IL2=0.27KA	Bansapani RTSS	00:04	-	-	0.000605	-	-
537	New Duburi	06.06.24	16:10	17:42	01:32	220kV New Duburi-Dhamra Feeder	At New Duburi end: Distance Protection,Distance Protection,Over Current,Gen.TripR-ph TripRZ1, L1-EmEVENT-1mL1-E LOOPmIL1-06.67KA AR ON AR CLOSE COMMAND ON AR NOT READYmEVENT-2mL1-E LOOPmIL1-06.62KA mDIST-19.4KM.	-	-	-	-	-	-	

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
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Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
538	Jajpur Town	06.06.24	16:24	16:45	00:21	132kV Bhadrak-Jajpur Town Feeder	At Jajpur Town end: Remote End Tripping,Started Phase C-N, Tripping Phase A-B-C, Zone-1, Fault Distance =1.33 KM, Ia=148A, Ib=290.8A, Ic=9.6KA, Van=71.2KV, Vbn=72KV, Vcn=11.17KV At Bhadrak end: Distance Protection,Over Current,Earth Fault,STARTED PHASE -CN, TRIPPED PHASE-ABC, ZONE-1, DIST-1.329 KM, Ia-148.8 A, Ib-290.8 A, Ic-9.630 KA,	Jajpur Town	00:21	-	-	0.015129	-	-
539	Muniguda	06.06.24	16:25	16:26	00:01	132kV Muniguda-Bissam Cuttack RTSS Feeder	At Muniguda end: Over Current,I=264.8A	Bissam Cuttack RTSS	00:03	-	-	0.000330	-	-
			16:34	16:36	00:02		At Muniguda end:Over Current,I=267.2A							
540	Rayagada	06.06.24	18:03	18:18 18:20	00:15 00:17	132kV Rayagada-Podagada Feeder 132kV Akhusingh-Rayagada Feeder	Machhkund supply failure	Rayagada	00:15	-	-	0.003261	132kV Therubali BTH P/S extended to 132kV Rayagada-Akhusingh	-
541	Therubali	06.06.24	18:31	19:22	00:51	220kV Therubali-Upper Kolab Feeder	At Upper Kolab end: Y-N, Zone 2, Dist-156.3km, Iy- 0.775kA	Rayagada	00:10			0.002174		
				19:25	00:54	220kV Therubali-Indravati CKT II	At Indravati end: YN,Z-2,108.4KM,Iy=614.1A							
				19:25	00:54	220kV Therubali-Indravati CKT III	At Indravati end: YN,Z-2,121.3KM,Iy=564.1A							
				19:27	00:56	220kV Therubali-Kasipur Feeder	At Kasipur end: YN,Z-2,46.4KM,Iy=464.7A							
				21:05	02:34	160MVA Auto TRF-III	Tripped due to overfluxing.							
				20:32	02:01	220kV Therubali-Indravati CKT I	At Therubali end: YN,Z1,0.33KM,Iy=4.8KA No tripping at Indravati end.							
				22:05	03:34	220kV Therubali-Gunupur Feeder	At Therubali end: YN,Z1,0.06KM,Iy=8.6KA At Gunupur end: YN,Z2,73.9KM,Iy=869.6A							
				18:33	19:15	00:42	220kV Therubali-Aska New Feeder	At Aska New end: Earth Fault,Aska New end: mALSTOM P444 D.P relay: A/R lockout,Y phase to E/f,zone 2,distance= 197.7Km and IY= 667.5A. SIEMENS SIPROTEC 7SA52 D.P relay: A/R lockout,zone 2,L2E , distance=198.7Km and IL2= 0.79KA. At Therubali end: No tripping.						
				18:34	18:44	00:10	132kV Transfer BUS Rayagada	At Rayagada end:Earth Fault,Back up relay P141 operated, E/F, Ia=324.6 A, Ib=282 A, Ic=186.2 A, In=788.9 A						

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
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Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
				18:45	00:11	132kV Rayagada-Podagada Feeder	At Rayagada end:Earth Fault,132kV rayagada Buscoupler Feeder tripped on E/F relay indication. P141 back up relay operated, Ia=324.6 A, Ib=282 A, Ic=186.2 A, In=788.9 A							
				18:56	00:22	132kV Akhusingh-Rayagada Feeder	At Rayagada end:Earth Fault,132kV Rayagada Buscoupler CB tripped on E/F relay indication. Back up relay operated Ia=324.6 A, Ib=282 A, Ic=186.2 A, In=788.9 A							
542	Polasponga	06.06.24	21:10	21:12	00:02	132kV Joda-Polasponga Feeder	At Polasponga end:Over Current,AB T,Ia=524.1A,Ib=442.9A,IC=353.9A, IG=3.52A	ESIL	00:02	-	-	0.000503	-	-
543	Polasponga	07.06.24	03:58	04:01	00:03	132kV Polasponga-Kendujhargarh RTSS Feeder	At Polasponga end:Over Current,Ia=300.5A,Ib=224.1A,IC=85.32A, INM=6.99,IND=6.166A	Kendujhargarh RTSS	00:03	-	-	0.000465	-	-
544	Bhawanipatna	07.06.24	12:33	12:35	00:02	132kV Bhawanipatna-Lanjigarh RTSS Feeder	At Bhawanipatna end:Over Current,Ia=0, Ib=263.6A, Ic=259.6A, In=5.2A	Lanjigarh RTSS	00:02	-	-	0.000235	-	-
545	Muniguda	07.06.24	12:34	12:36	00:02	132kV Muniguda-Bissam Cuttack RTSS Feeder	At Muniguda end:Over Current,I=266A	Bissam Cuttack RTSS	00:03	-	-	0.000330	-	-
			13:05	13:06	00:01		At Muniguda end: Over Current,I=268.8A							
546	Bhanjanagar	07.06.24	14:45	14:56	00:11	220kV Bhanjanagar-Therubali CKT-II	<u>At Bhanjanagar end:</u> CN, Z-1, D=137.3km, IC=767.6 KA <u>At Therubali end:</u> CN, Z-1, D= 50.59 KM, IC=1.37 KA	-	-	-	-	-	-	-
547	Jajpur Town	07.06.24	15:03	17:30	02:27	132kV Jajpur Town-Jajpur Road Feeder	<u>At Jajpur Road end:</u> Remote End Tripping,Started phase Y-N, Tripped phase Y-N, Zone-1, Fault distance=3.34KM, Irm=5.25A, Iyn=6.2KA, Ibn=5.3A, Vyn=76.77 KV, Vyn=19.52KV, Vbn=77.2KV, Fault resistance=472.8 mohm <u>At Jajpur Town end:</u> No tripping	Jajpur Town	00:21	-	-	0.015129	-	-
548	Goda	07.06.24	15:04	15:38	00:34	220kV Goda - Meramundali B feeder	Tripped on E/F in Y & B Phase, Ir:29.3A, Iy:292.2A, Ib:142.3A	-	-	-	-	-	-	-
549	Muniguda	07.06.24	15:07	15:08	00:01	132kV Muniguda-Bissam Cuttack RTSS Feeder	<u>At Muniguda end:</u> Over Current,I=266A	Bissam Cuttack RTSS	00:01	-	-	0.000110	-	-
550	Duburi	07.06.24	15:09	17:09	02:00	132kV Duburi-Jakhapura RTSS Feeder	<u>At Duburi end:</u> Distance Protection,	Jakhapura RTSS Mishrilal	02:00 01:38			0.038305		

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
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										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
			15:33	17:17	01:44	132kV Duburi-Jajpur Road CKT II	At Duburi end: Distance Protection, DP RELAY OPERATED, FAULT CURRENT: IA=114.7A,IB=265.1A,IC=8.86KA;F. VOLTAGE: VAN=73.0KV,VBN=73.57KV,VCN=24.77KV; F. ZONE-I; FAULT RESISTANCE=481.7Ω; FAULT LOCATION=3.18KM At Jajpur Road end: DP RELAY OPERATED, FAULT CURRENT: IA=116.8A, IB=264.0A, IC=1.634KA; F. VOLTAGE: VAN=73.34KV, VBN=72.56KV,VCN=17.13KV; F. ZONE-I; FAULT RESISTANCE=3.74Ω; FAULT LOCATION=8.87KM			-	-			
			15:39	17:29	01:50	132kV Duburi-Kalarangi Feeder	<u>At Duburi end:</u> Distance Protection,							
			15:46	17:24	01:38	132kV Duburi-Mishrilal Feeder	<u>At Duburi end:</u> Distance Protection,							
551	Goda	07.06.24	16:03	17:03	01:00	132kV Goda-Kalarangi Feeder	<u>At Goda end:</u> Tripped on E/F in R & Y-Phase, Zone-I, Ir:6.2KA,Iy6.35KA,Ib:115A,Dist : 8.2km. <u>At Kalarangi end:</u> Y- G , Ir: 96A,Iy : 91A, Ib :119A, Dist :none	Kalarangi	01:00	-	-	0.005226	-	-
552	Gondia	07.06.24	16:08	16:34	00:26	132kV Gondia-TTPS Feeder	At Gondia end:Distance Protection,Ir=0.02 KA, Iy= 0.08 KA, Ib=1.57 KA, Fault Distance= 13.4 KM, Zone-1, SOTF	-	-	-	-	-	-	-
			16:43	17:20	00:37	At Gondia end:Distance Protection,Ir=0.15 KA, Iy=0.15 KA, Ib=0.14, Fault Distance= 24.7 KM								
553	BC Mohanty SW	07.06.24	16:12	17:22	01:10	132kV Duburi-BC Mohanty SW Feeder	<u>At BC Mohanty SW end:</u> Distance Protection, Zone: Z1, Dist: -0.1KM, Ia=0.32KA,Ib=0.35KA, Ic=0.38KA <u>At Duburi GSS end:</u> Zone: Z2, Dist.=7.09KM, Ia=7.04KA,Ib=7.32KA,Ic=0.38KA, Van=34.05KV,Vbn=33.06KV,Vcn=72.22KV	BC Mohanty Tomka RTSS OMC Daitari, TATA FAP Bamnipal	01:10 01:09 01:13			0.035191		
			17:25	01:13	132kV BC Mohanty SW-Daitari Feeder	<u>At Daitari end:</u> Distance Protection,Zone=Z1, Dist.=14.29KM, Ia=0.33KA,Ib=0.35KA,Ic=0.35KA, Van=14.39KV,Vbn=11.64KV,Vcn=73.61KV								

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Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
554	Gondia	07.06.24	16:13	17:01	00:48	132kV Gondia-JFAL Feeder	At Gondia end: Remote End Tripping,Ir=154.9 A, Iy= 161.3A, Ib= 2.86 KA, Dist=19.52KM, Zone-1	-	-	-	-	-	Power availed by charging 132kV Gondia-TTPS Feeder.	-
555	Kamakhyanagar	07.06.24	16:40	17:04	00:24	132kV Kamakhyanagar-Duburi-Goda Feeder	At Kamakhyanagar end: Distance Protection,i1-35.96a,i2-1.352kA,i3-66.52a ,distance=19.46km At Goda end: Tripped on E/F in B-N, Zone-I, Ir:34.49A,Iy: 5.197KA,Ib:71.64 A,Dist : 5.4Km.	-	-	-	-	-	-	-
556	Khuntuni	07.06.24	16:52	08.06.24 16:18	23:26	132kV ICCL-Khuntuni Feeder	At Khuntuni end: Over Current,At ICCL end:- O/C, R-Ph fault, Zone-1, Fault distance-20.38 KM, Fault current: Ir=5090 A, Iy=6.498 A, Ib=7.0 A	-	-	-	-	-	-	-
557	Jayanagar	07.06.24	17:27	17:36	00:09	132kV Podagada-Jayanagar Feeder	At Jayanagar end:Distance Protection,B-G,zone-1, dist=22.46km,Ib=1.269KA	-	-	-	-	-	-	-
558	Nuapada	07.06.24	17:59	18:09	00:10	132kV Nuapada-Padampur Feeder	At Nuapada end: Distance Protection,Distance protection operated, zone-1,distance:50kM, Ia:1.192Amp, Ib:: 878 Amp, Ic: 953.5Amp,	Nuapada, Nuapada RTSS Padampur	00:10 00:06	-	-	0.004911	-	-
559	Karanjia	07.06.24	18:14	18:40	00:26	132kV Karanjia-Dhenkikote Feeder	At Karanjia end: Distance Protection,Zone 1, B phase-N, Distance= 26.06kms, Ia=72.06A, Ib=102.5A, Ic=1.062kA	Dhenkikote	00:26	-	-	0.003345	-	-
560	Muniguda	08.06.24	10:04	10:05	00:01	132kV Muniguda-Bissam Cuttack RTSS Feeder	At Muniguda end:Over Current,I=268A	Bissam Cuttack RTSS	00:05	-	-	0.000550	-	-
			11:50	11:51	00:01		At Muniguda end:Over Current,I=267A							
			11:58	11:59	00:01		At Muniguda end: Over Current,I=268A							
			12:04	12:06	00:02		At Muniguda end: Over Current,I=267.6A							
561	Khuntuni	08.06.24	13:44	13:46	00:02	132kV Dhenkanal-Khuntuni Feeder	At Khuntuni end: Earth Fault,E/F optd, 86A & 86B operated, Fault current: Ir=1516.11 A, Iy=138.86 A, Ib=272.0 A, In=1188.49 A.	-	-	-	-	-	-	-
562	Bhanjanagar	08.06.24	14:45	14:56	00:11	220kV Bhanjanagar-Therubali CKT II	At Bhanjanagar end: BN, Z-1,137.3KM, Ib=62.1A At Therubali end: BN,Z-2,55.59KM,Ib=1.371KA	-	-	-	-	-	-	-
563	Bhawanipatna	08.06.24	14:46	14:48	00:02	132kV Bhawanipatna-Lanjigarh RTSS Feeder	At Bhawanipatna end: Over Current,IA=0, IB=266.4A, IC=263.6A, IN=5.2A	Lanjigarh RTSS	00:02	-	-	0.000235	-	-
564	Kesinga	08.06.24	15:03	15:10	00:07	132kV Kesinga-Khariar Feeder	At Kesinga end: Over Current,O/C , D/P Zone-1, R= 0.42KA, Y = 0.38KA, B= 0.23KA	Khariar, Kantabanji, Kantabanji RTSS	00:07	-	-	0.004749	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
565	Aska New	08.06.24	15:33	15:43	00:10	220kV Therubali-Aska New Feeder	At Aska New end: Earth Fault, DP Relay, B phase to earth fault, zone 1, distance=90.71km, Ib-1.538kA. A/R Lockout Siemens DP Relay; B phase to earth fault, zone 1, distance-90.3km, Ib-1kA A/R Lockoutm At Therubali end: B phase to E/f, zone 1, distance= 110.2Km and IB=1.32KA.	-	-	-	-	-	-	-
566	Polasponga	08.06.24	15:36	15:38	00:02	132kV Polasponga-Kendujhargarh RTSS Feeder	At Polasponga end: Over Current, IA=299A, IB=299A, IC=13.1A, INM=6.7, IND=5.69A	Kendujhargarh RTSS	00:02	-	-	0.000310	-	-
567	Muniguda	08.06.24	15:55	15:57	00:02	132kV Muniguda-Bissam Cuttack RTSS Feeder	<u>At Muniguda end:</u> Over Current, I=268A	Bissam Cuttack RTSS	00:04	-	-	0.000440	-	-
			16:11	16:13	00:02		<u>At Muniguda end:</u> Over Current, I=267.6A							
568	Muniguda	09.06.24	09:10	09:12	00:02	133 kV Muniguda-Bissam Cuttack RTSS Feeder	<u>At Muniguda end:</u> Over Current, I=266A	Bissam Cuttack RTSS	00:03	-	-	0.000330	-	-
			10:04	10:05	00:01		<u>At Muniguda end:</u> Over Current, I=267.6A							
569	Polasponga	09.06.24	15:01	15:08	00:07	132kV Joda-Polasponga Feeder	At Polasponga end: Over Current, IA=490A, IB=422.4A, IC=373.3A, IG=2.15A	Polasponga, ESIL, MSP, OSISL, Patnaik Steel, Kendujhargarh RTSS	00:07	-	-	0.007064	-	-
570	Telkoi	09.06.24	15:59	17:03	01:04	220kV Telkoi-Joda Feeder	At Telkoi end: B-N, Zone 1, Dist-46.68km, Ib- 1kA At Joda end: B-N, Zone 1, Dist-53.31km, Ib- 1.59kA	-	-	-	-	-	-	-
			17:18	17:18	00:00	220kV Telkoi-TTPS Feeder	At TTPS end: Zone 2, Dist- 121.7km							
571	Muniguda	09.06.24	16:04	16:06	00:02	132kV Muniguda-Bissam Cuttack RTSS Feeder	<u>At Muniguda end:</u> Over Current, I=269.2A	Bissam Cuttack RTSS	00:02	-	-	0.000220	-	-
572	Duburi	09.06.24	17:29	18:15	00:46	132kV Duburi-Jaipur Road CKT I	<u>At Duburi end:</u> Distance Protection,	-	-	-	-	-	-	-
573	Muniguda	09.06.24	23:35	23:37	00:02	132kV Muniguda-Bissam Cuttack RTSS Feeder	O/C	Bissam Cuttack RTSS	00:02	-	-	0.000220	-	-
574	Muniguda	10.06.24	00:16 01:33	00:18 01:35	00:02 00:02	132kV Muniguda-Bissam Cuttack RTSS Feeder	O/C	Bissam Cuttack RTSS	00:04	-	-	0.000440	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
575	Jaleswar	10.06.24	05:59	13:15	07:16	132kV Jaleswar-Baripada PG Feeder	At Jaleswar end: Earth Fault,Fault details at Jaleswar end:m DP relay operated, mYph-Gnd, Distance-58 KM, Ir-17.3 A, Iy-1.16kA,Ib-18.7A, Vrn-75.49KV,Vyn-52.11KV,Vbn-78.38KV. At Baripada PG end: DP relay operated, Yph-Gnd, Distance-2.251 KM, Ir-42.79 A, Iy-8.309KA,Ib-253.9A, Vrn-63.9KV,Vyn-26.47KV,Vbn-81.9KV	-	-	-	-	-	-	-
576	Kendrapara	10.06.24	17:53	18:00	00:07	132kV Kendrapara-Chandikhol Feeder	At Kendrapara end: Distance Protection,TRIPPED ON DP, ZONE-1, DISTANCE=26.3KM, IR=2.3KA No tripping at Chandikhol end.	Chandikhol	00:07	-	-	0.004312	-	-
577	Boudh	11.06.24	05:01	05:18	00:17	132kV Boudh-Sonepur Feeder	At Boudh end: Remote End Tripping,no relay operate	Boudh	00:17	-	-	0.001944	-	-
578	Budhipadar	11.06.24	12:17	14:24	02:07	132kV Budhipadar-Kalunga Feeder	At Budhipadar end: Over Current,(At Budhipadar End):-DP (F.L- Yph-E, zone 1, F.D-30.75km, ia- 356a, Ib- 3.013ka, Ic- 363.9a, F.R- 2.0ohm, F.dur- 61.64ms)m	Kalunga	00:06	-	-	0.005983	-	-
579	Budhipadar	11.06.24	15:00	12.06.24 10:06	19:06	220kV Budhipadar-Kuarmunda Feeder	At Budhipadar end: D/P 1(MiCOM P444)- Rph to E fault loop, Zone 1, Fault location - 54.31km, Ir- 3.336kA, Ib- 297.5A, Ic - 359.8A, Fault resistance- 1.851ohm D/P 2(SIEMENS 7SJ62)- Fault loop - Rph to E, Zone 1, PU time- 51.6ms, Trip time - 0ms, Distance - 52.9km(47.2%) , IL1- 3.41kA, IL2- 0.32kA, IL3- 0.40k. At Kuarmunda-B/U(Rph, E/F, Ir- 357.3A, Iy- 255.6A, Ib- 395.5A, In- 1.104kA)	-	-	-	-	-	Trail charged,but did not stand. After patrolling it was found that R Phase insulator string punctured at Loc No 277.	-
580	Cuttack	11.06.24	15:45	15:46	00:01	40MVA TRF I, II & III	O/C	Cuttack	00:01	-	-	0.001029	-	-
581	Joda	11.06.24	15:46	16:28	00:42	220kV Joda-Ramchandrapur Feeder	At Joda end:Distance Protection,Relay at Joda end: DP relay Main: Zone -01 ,Dist-95.88Km, Tripped phase- BN, Fault Current :Ia- 376.2A ,Ib-983.1A, Ic-378.9ArnmRelay at Ramchandrapur end: DP relay Main-1: Zone -01 ,Dist-49.3Km, Fault Current :Ia- 380A ,Ib-2420A,Ic-380A	-	-	-	-	-	-	-
582	Bolangir	11.06.24	16:54 17:37	17:07 17:47	00:13 00:10	132kV Bolangir New-Bolangir CKT I & II	Supply failure	Bolangir ACME	00:16 01:07			0.036939		

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
			16:54	17:37	00:43	132kV Bolangir-ACME Feeder	At Bolangir end:Distance Protection,Fault occured at zone2 at a distance of 18.9km with fault current 2.1KA	Sonepur Birmaharajapur, Boudh	00:16 00:17					
			17:37	18:50	01:13		At Bolangir end: Distance Protection,Fault occured at zone2 with fault current 2.1KA							
			16:55	17:14	00:19	132kV Saintala-BEL Solar Feeder	At Saintala end: Differential,HV DIFFERENTIAL							
			16:55	18:00	01:05	132kV Tusura-ACME Feeder	At Tusura end: Earth Fault, tripped phase-AG, Distance protection operated upto-17.9 km							
			17:00	17:16	00:16	132kV Bolangir New-Sonepur-Bolangir Feeder	At Bolangir New end: Distance Protection,Ia=150.9A, Ib=402.6A, Ic=3.168KA, Fault distance=28.83Km, Relay trip time=79.9ms							
583	Bhanjanagar	11.06.24	17:17	17:55	00:38	132kV Aska-Bhanjanagar CKT I	At Bhanjanagar end: Earth Fault, At Aska end: A/R OPERATED,Zone-1,D-9.928K.M, B-N	-	-	-	-	-	-	-
			17:21	19:06	01:45	132kV Aska-Bhanjanagar CKT II	At Bhanjanagar end: Earth Fault, At Aska end: Distance Protection,R-Y-B-N, ZONE-1, D-14.12 KM, IA-3.681KA,IB- 2.733KA, IC- 3.976KA							
584	Therubali	11.06.24	18:58	19:13	00:15	220kV Therubali-Indravati CKT-III	At Therubali end: BN,Z-1,9.65KM,Ib=6.098KA At Indravati end: BN, Z-2, 108.2KM, 1.23KA	-	-	-	-	-	22KV LAXMIPUR-THERUBALI CKT I WAS IN SERVICE	-
			18:59	19:08	00:09	220kV Therubali-Laxmipur CKT I	At Laxmipur end: Distance Protection,B-PH,Z-1, 34.98KM, AUTO RECLOSE OPERATED At Therubali end: BN,Z-1,14.85KM,Ib=5.99KA							
			19:07	19:16	00:09	220kV Bhanjanagar-Therubali CKT I	At Bhanjanagar end: Earth Fault, CN, Z-2, D=198km, IC=874 A At Therubali end: CN, Z-1, D=10.33KM, IC=6.55 KA							
585	Lakhanpur	11.06.24	19:15	19:37	00:22	132kV Lakhanpur-Budhipadar Feeder	At Lakhanpur end: Distance Protection,Phase-AN, (Ia-1.98ka, Ib-0.33ka, Ic-0.36ka), Zone-1, Distance=11.8KM At Budhipadar-DP, Fault loop - Rph to E,Zone 1,Fault current Ir- 7.6kA Distance - 10.6km	-	-	-	-	-	No Area Interruption as 132KV Brajrajnagar Feeder was in Service.TRail charged,but did not stand	-
586	Podagada	11.06.24	20:02	20:12	00:10	132kV Rayagada-Podagada Feeder	At Podagada end: Distance Protection,Zone-II L1-E, IL1= 0.77kA, Distance= 76.9KM	-	-	-	-	-	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
587	Sambalpur	12.06.24	10:43	11:04	00:21	132kV Sambalpur-Maneswar Feeder	Yph O/C, Ia= 161A, Ib= 400A, Ic=334A, backup relay. No tripping at Maneswar end.	-	-	-	-	-	-	-
588	Budhipadar	12.06.24	11:30	13:24	01:54	132kV Budhipadar-Kalunga Feeder	At Budhipadar end: Over Current,(At Budhipadar End):DP (F.L- R,Y,B ph, TRIP TIME- 10229ms, PU-10287ms)rn	-	-	-	-	-	tripped whenKalunga extended P/S to tarkera end & at 11:56hrs L/C issued for maintenance work at kalunga end	-
589	Salipur	12.06.24	12:05	13:08	01:03	132kV Salipur-OCL Feeder	At Salipur end: Distance Protection,DP Relay operated Zone-1 Fault Duration: 71.70 ms Relay Trip time: 80.04 ms Fault Loc.: 1.560 km Ia = 169.1 A Ib = 101.2 A Ic = 2.779 kA Fault Resistance = 1.582 Ohm No fault observed during line patrolling after improvement in weather condition.	-	-	-	-	-	P/S was available on 132kV ICCL-Bahugram-Salipur T-Line. No interruption of P/S to GSS Salipur or any other command area.	-
590	Soro	12.06.24	14:50	18:47	03:57	132kV Chandipur-Soro Feeder	At Soro end: Distance Protection,Soro Grid Relay Details: Distance Protection Relay:Zone-Z1,Location -7.67KM, Event= BG Trip, IA=142A, IB=1496KA . IC=158A, IG=1564KA . At Chandipur End: Zone-Z1,Distance-28.6KM, IA=176A,IB=1.21KA.IC=202A,IN=1.16KA	-	-	-	-	-	At that time of fault Soro Grid was availing Power Supply from Bhadrak GSS through 132kV Soro- Bhadrak Line & Chandipur GSS was availing Power Supply from Balasore GSS.	-
591	Bhawanipatna	12.06.24	19:54	19:56	00:02	132kV Bhawanipatna-Lanjigarh RTSS Feeder	At Bhawanipatna end: Over Current,IA=0, IB=267.2A, IC=262.0A, IN=5.6A	Lanjigarh RTSS	00:02	-	-	0.000235	-	-
592	Balasore	13.06.24	06:19	06:29	00:10	132kV Balasore-Balasore RTSS Feeder	At Balasore end: Over Current,Fault report: O/C,R-ph OPTD fault current:Ir=314.74A,Iy=313.54A.	Balasore RTSS	00:10	-	-	0.001369	-	-
593	Kendrapara	13.06.24	08:08	09:21	01:13	132kV Kendrapara-Ramco Feeder	At Kendrapra end: Tripped on B/U E/F with M/R, DP, Zone-1, Distance=8.92KM, IR=48A, IY=52A, IB=3.8KA, IN=3.8KA At RAMCO end: No tripping	-	-	-	-	-	-	-
594	Bargarh	13.06.24	10:50	11:04	00:14	132kV Thuapali-Bargarh Feeder	At Bargarh end: Earth Fault,Feeder tripped in Y-G fault At Thuapali end: Distance Protection,L2 to E/F, Zone-01,F.D.-13.80Kms, DP operated, IL1=0.18KA, I12=1.57KA, I13=0.18KA	-	-	-	-	-	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
595	Joda	13.06.24	13:44	14:35	00:51	220kV Joda-Ramchandrapur Feeder	At Joda end: Distance Protection, DP relay Main: AR successful, Zone -01 ,Dist-84.06Km, Tripped phase- BN, Fault Current: Ia- 426A , Ib-1018A, Ic- 409.6A At Ramchandrapur end: DP relay Main-1: Zone -01 ,Dist-47.2Km, Fault Current :Ia- 430A ,Ib-2420A,Ic-410A	-	-	-	-	-	-	-
596	Rajgangpur	13.06.24	16:59	17:50	00:51	132kV Bamra-Rajgangpur Feeder	At Rajgangpur end: Earth Fault,EARTH FAULT, R-PH, ZONE- 3,Ir=831.7A, IY=142.1 A, IB=183.9 A, DISTANCE=70.83 KM, FD=69.90 ms, MASTER TRIP RELAY OPERATED At Bamra end: Earth Fault, MASTER Fault type=E/F & O/C , R phase operated, F.D- 739ms,RTT=669ms, Ia= 1.448KA, Ib= 101.8A, Ic= 180.1A, In=1.34A	Rajgangpur	00:16	-	-	0.012302	-	-
597	Budhipadar	13.06.24	17:00	18:24	01:24	132kV Budhipadar-Kalunga Feeder	At Budhipadar end: Over Current, D/P(MICOM P444)F.L- ABC, ZONE 1,F.D-62.73km, F.dur-64.24ms, RTT-0s, IL1- 1.673ka,IL2-242.9a, IL3-2.48kam	Kalunga	00:06	-	-	0.005983	-	-
598	Budhipadar	13.06.24	17:24	21:07	03:43	220kV Budhipadar-Kuarmunda Feeder	At Budhipadar end: Over Current,(At Budhipadar end): D/P 1(MICOM P444)- F.L- Bph-E, Zone 1, F.D- 85.65km, IA- 41.72a,IB-45.97a, IC- 1.911KA,F.R- 33.38ohm D/P 2(SIEMENS 7SJ62)- F.L-Bph-E, Zone 1, Trip time- 157ms,F.D-76.8km (68.5%) ,IL1- 30.04ka, IL2-0.04KA,IL3-4.9KA	-	-	-	-	-	-	-
599	Polasponga	13.06.24	18:20	07:31	13:11	132kV Polasponga-Turumunga Feeder	At Polasponga end: Distance Protection,Earth Fault,BGT,D=89.77KM,Z2,IA=34A,IB =902A,IC=34A,IG=933A,IA=34.4A,IB =921A,IC=32.9A,IG=952.2A	-	-	-	-	-	LINE WAS IDLE CHARGED,	-
600	Budhipadar	13.06.24	19:06	14.06.24 06:05	10:59	132kV Budhipadar-Jharsuguda CKT II	At Budhipadar end: Over Current, D/P(Areva P4): F.L-C-N, ZONE 1, il1- 531.3a,il2-235.3a,il3-13.5ka,F.R- 1.805ohm, F.D- 1.299km,F.DUR- 51.72ms, RTT- 80.06ms At Jharsuguda end: Distance Protection,CN, zone-I, Ir= 532.1 A, Iy=236.5 A, Ib= 3.715 kA, Fault Resistance= 5.930 ohm1.299km,F.DUR- 51.72ms, RTT- 80.06ms	Jharsuguda MCL Bhusan SMC Aryan Ispat Rengali RTSS	00:41 12:20 00:55 00:27 00:57 00:23			0.165364	132kV Budhipadar-Jharsuguda CKT I H/T at Budhipadar end for load management	

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.

FORMAT : B-3 & B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
			19:09	23:05	03:56	220kV Budhipadar-Bhusan CKT II	At Budhipadar end: Over Current, D/P(MICOM P444) F.L- ABC, F.D- 977.5m, IA-25.99ka,IB-350.5a, IC-354.0A,F.dur-51.07m. SOTF							
			19:11	20:07	00:56	220kV Budhipadar-Bhusan CKT I	At Budhipadar end: Over Current,(At Budhipadar end):D/P(MICOM P444):F.L- C-N,zone 1, F.D- 1.37km,IL1-182.2A,il2-377.7A,il3-5.971ka,F.R-306.7mohm,F.dur-40ms							
			21:43	21:43	220kV Budhipadar-Raigarh PG Feeder	At Budhipadar end: Over Current, D/P 1(MICOM P444)- F.D- 1.104km, IA-20.97ka,IB-931.7a, IC-266.0a,F.dur-524.9ms D/P 2(SIEMENS 7SA52)- F.L-L1`-E, pu time-521ms,F.D-1.2km ,IL1-21.49ka, IL2-0.9KA,IL3-0.2KAm R-phase limb of the CB burst.								
			22:56	03:45	220kV Budhipadar Korba CKT II	BB Protection & D/P 1- AR Block,IL1-793.7A,IL2- 265.98,IL3-204.3A								
			20:02	00:51	160MVA Auto TRF II	Busbar Protection								
			21:46	02:35	220kV Budhipadar -IB CKT I									
			21:38	02:27	220kV Budhipadar -IB CKT II									
			20:46	01:35	220kV Budhipadar -IB CKT IV									
			19:46	00:35	220kV Budhipadar-Lapanga CKT II									
			20:11	01:00	220kV Budhipadar -AAL CKT I									
			20:10	00:59	220kV Budhipadar -AAL CKT II									
			19:19	14.06.24 07:40	12:21	132kV Budhipadar-MCL Feeder	At Budhipadar end: Over Current, D/P(MICOM P444): F.L- A-N, ZONE 1,F.DU- 65.07ms,F.D- 11.63km, IL1-2.76ka,IL2-4.7A,IL3-4.112A							
			19:20	19:47	00:27	132kV Kuchinda-SMC Power Feeder	At Kuchinda end: Distance Protection, zone-2, location=47.07km Tripped phase Yph,Fault duration=130.3ms, Ir=59.59A,Iy=723A, Ib=45.87A, Fault resistnace=9.832 Ohm" At SMC end: zone-1, Tripped phase Yph,Fault duration=137ms, Ir=55.17A,Iy=392.3A, Ib=74.71A"							
			19:20	20:17	00:57	132kV Lapanga-Aryan Ispat Feeder	At Lapanga end: Distance Protection,LAPANGA END DETAILS MAIN-1:- FAULT LOOP-L2-E ZONE-1 IL1-0.18KA IL2-0.13KA IL3-11.10KA DIST-1.9KM							

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 & B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
			19:20	20:51	01:31	400kV Lapanga-OPGC CKT II	At Lapanga end: Distance Protection,LAPANGA END DETAILS MAIN-1:- FAULT LOOP-L2-E ZONE-1 IL1-20.72KA IL2-0.375KA IL3-0.39KA DIST-1.5KM							
			19:20	21:02	01:42	132kV Lapanga-SMC Feeder	At Lapanga end: Distance Protection,LAPANGA END DETAILS MAIN-1:- FAULT LOOP-L2-E ZONE-1 IL1-0.07KA IL2-10.45KA IL3-0.06KA DIST-1.8KM							
			19:29	20:50	01:21	132kV Lapanga-Hirakud Feeder	At Lapanga end: Distance Protection,LAPANGA END DETAILS MAIN-1:- FAULT LOOP-L2-E ZONE-1 IL1-0.38KA IL2-0.25KA IL3-12.38KA DIST-1.8KM							
			19:32	20:20	00:48	132kV Budhipadar-Lapanga Feeder	At Budhipadar end: Over Current,(AT Budhipadar end): D/P(SIEMENS 7SA52): F.L- L3-E, IL1-0.65KA,IL2-0.42KA,IL3-2.98KArn At Lapanga end: Distance Protection,LAPANGA END DETAILS MAIN-1:- FAULT LOOP-L3-E ZONE-1 IL1-0.65KA IL2-0.42KA IL3-9.12KA DIST-NA							
			19:33	20:02	00:29	132kV Lapanga-Jharsuguda Feeder	At Lapanga end: Distance Protection,LAPANGA END DETAILS MAIN-1:- FAULT LOOP-L2-E ZONE-1 IL1-0.07KA IL2-0.23KA IL3-10.03KA DIST-1.9KM At Jharsuguda end: No tripping							
			19:40	20:03	00:23	132kV Lapanga-Rengali RTSS Feeder	At Lapanga end: Distance Protection,LAPANGA END DETAILS MAIN-1:- FAULT LOOP-L1-L3 ZONE-1 IL1-6.4KA IL2-0KA IL3-6.47KA DIST-5.812KM							
601	Sambalpur	13.06.24	19:43	20:07	00:24	132kV Sambalpur-Shyam DRI Feeder	At Sambalpur end: Z1, Yph E/F, Ia=12A, Ib=2573A,Ic=9A, Ig=2579A, Fault dist.=24.17KM, fault duration=56.712ms At Shyam DRI end: DP, Yph E/F,Fault distance=24.17km	Shyam DRI	00:24	-	-	0.008848	-	-
602	Gondia	13.06.24	19:50	20:29	00:39	132kV Gondia-TTPS Feeder	At Gondia end: Distance Protection,Ir=0.04 KA, ly= 0.05 KA, Ib= 1.27 KA, Fault Distance= 36.9 KM, Zone-1, SOTF	-	-	-	-	-	-	-
603	Kamakhyanagar	13.06.24	19:51	20:46	00:55	132kV Kamakhyanagar-OPCL Feeder	At Kamakhyanagar end: Distance Protection,IR-46.46A,IY-90.86A,IB-3.319KA,DISTANCE=2.692KM	-	-	-	-	-	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
604	Meramundali	13.06.24	19:58	20:25	00:27	400kV New Duburi-Meramundali CKT II	At Meramundali end: Distance Protection, MAIN1:-R_N,Ir=7.9 kA,dist=33.3 KM,Z1, SOTF,MAIN2:-R_N,Ir=7.89 kA, dist=33.2KM,Z1,SOTF	-	-	-	-	-	-	-
605	Gondia	13.06.24	20:05	20:18	00:13	132kV Gondia-JFAL Feeder	At Gondia end: Distance Protection,Ir=0.14 KA, Iy=0.15 KA, 0.14 KA, Fault Distance= 23.20 KM	-	-	-	-	-	-	-
606	Khuntuni	13.06.24	20:48	21:24	00:36	132kV ICCL-Khuntuni Feeder	At Khuntuni end:Distance Protection,R-Ph fault, Zone-1, Fault distance-9.33 KM, Fault current:-Ir=2209.71 Amp, Iy=4.50 Amp, Ib=6.50 Amp, In=2213.71 Amp.	-	-	-	-	-	-	-
607	Phulnakhara	13.06.24	21:29	22:40	01:11	132kV Phulnakhara-Bhubaneswar Feeder	At Phulnakhara end: Distance Protection,Distance Protection,B-Phase to E/F, Zone-2, 21.66KM , Ia-176.6A, Ib-77.17A, Ic-2.138KA At Bhubaneswar end: B-Phase to E/F, Zone-1, 2.23KM, Ia-179A, Ib-86A, Ic-11KA at Mancheswar end. Heavy lightning and rain at Mancheswar end.	-	-	-	-	-	-	-
608	Khurda	13.06.24	22:20	08:34	10:14	132kV Mendhasal-Khurda Feeder	At Khurda end: Distance Protection,Zone=1, Ir=0.23KA, Iy=6.01KA, Ib=5.83KA, Distance=12.3 KM At Mendhasal end: Distance Protection,Zone=1, Ir=0.23KA, Iy=6.01KA, Ib=5.83KA, Distance=12.3 KM	-	-	-	-	-	-	-
609	Atri	13.06.24	22:21	08:27	10:06	220kV Mendhasal-Atri Feeder	At Atri end: Distance Protection,R phase-N, Zone=1, Ir=6.715 kA, Distance=15.02 km At Mendhasal end: Distance Protection,Zone=1, Ir=13.39KA, Distance=4KM	-	-	-	-	-	-	-
610	Samagara	13.06.24	22:46	12:19	13:33	220kV Samagara-Pandiabil PG CKT II	At Samagara end: Earth Fault,O/C,E/F B-PhIb=9.54 KA,dist=10.7 KM at Pandiabili end	-	-	-	-	-	-	-
611	Atri	13.06.24	23:58	08:05	08:07	132kV Atri-Shamuka Feeder	At Atri end: Distance Protection,R-Y-B phase-N, Zone- 1, IR =4.598 kA, IY=4.496 kA, IB=4.614 kA, Distance-23.19 km At Shamuka end: Remote End Tripping,Ir-4.598kA,Iy-4.496KA,Ib-4.614KA,DISTANCE-23.19, FAULT TYPE: 3Phase to ground, Zone-I	Puri Shamuka	00:15 00:20	-	-	0.017962	Puri GSS availed power supply at :14 hrs. & Shamuka GSS availed power supply at :18 hrs. from Nimapara GSS.	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 & B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
612	Biramaharajpur	14.06.24	06:00	09:01	03:01	132kV Sonepur-Birmaharajpur Feeder	At Biramaharajpur end: Remote End Tripping,Shutdown availed for 132kV Bolangir-Sonepur Line from Sonepur end	Biramaharajpur	03:01	-	-	0.025046	-	-
613	Katapali	14.06.24	10:16	10:32	00:16	132kV Katapali-Thuapali Feeder	At Katapali end:Earth Fault,Remote End Tripping, tripped with O/C and E/F and Master trip optd ,Ir=0.52KA , Iy=0.51KA, Ib=0.54KA,Did not trip at Thuapali end	-	-	-	-	-	-	-
614	Bhawanipatna	14.06.24	10:41	10:43	00:02	132kV Bhawanipatna-Lanjigarh RTSS Feeder	At Bhawanipatna end:Over Current,IA=0, IB=264.8A, IC=260.4A, IN=5.2A	Lanjigarh RTSS	00:02	-	-	0.000235	-	-
615	Baripada	14.06.24	12:31	13:04	00:33	132kV Baripada-Betanati Feeder	At Betanati end: DP relay operated ,started phase -CN ,Tripped phase-ABC ,Zone-I ,Fault location=9.567KM ,IA=112.4A, IB=244.2A, IC=115.8A . VAN=74.39KV, VBN=74.80KV, VCN=12.66KA . None of the Relay operated from Baripada grid end.	Baripada Betanati	00:33 00:30			0.025903	During this interruption period BARIPADA GSS had no 132KV P/S & All 4MVA TRFs were in OFF condition . At 13:4hrs the mentioned line was charged & 132KV P/S was restored at BARIPADA grid .	-
				13:48	01:17	132kV Baripada-Baripada PG Feeder	At Baripada PG end: DP Relay operated ,distance=7.478KM, Fault current =5.46KA, Zone-I,B-Phase to ground ,Fault voltage (Vcn)=34.52KV . Backup relay operated : trip time=51ms . None of the Relay operated from Baripada grid end.							
616	Muniguda	14.06.24	12:43	12:45	00:02	132kV Muniguda-Bissam Cuttack RTSS Feeder	At Muniguda end: Over Current,I=267.4A	Bissam Cuttack RTSS	00:02	-	-	0.000220	-	-
617	Bamra	15.06.24	10:01	10:20	00:19	132kV Bamra-Rajgangpur Feeder	At Bamra end: Over Current,Fault type=O/C , Y-phase operated, F.D-12.48s,RTT=12.42s, Ia= 468.4A, Ib= 491.3A, Ic= 476.3A, In=7.545A, Make & type of Relay-ALSTOM Micom & P141	-	-	-	-	-	2MVA TRF-1 was in service During Tripping of 2MVA TRF II	-
618	Kamakhyanagar	15.06.24	13:15	13:32	00:17	132kV Kamakhyanagar-OPCL Feeder	At Kamakhyanagar end: Distance Protection,IR-192.4A,IY-124.9A,IB-1.878KA,D=2.431KM	-	-	-	-	-	-	-
619	Jayanagar	15.06.24	14:47	14:59	00:12	132kV Jayanagar-Jeypore RTSS Feeder	At Jayanagar end: Distance Protection,Y-G,zone-1,dist=56.4km,Iy=1.387KA	Jeypore RTSS	00:12	-	-	0.002240	-	-
620	Polasponga	15.06.24	14:57	15:00	00:03	132kV Joda-Polasponga Feeder	At Polasponga end: Over Current,AB T, IA=484.8A,IB=410.7A,IC=298.9A,IG=5.12A	Polasponga, ESIL, MSP, OSISL, Patnaik Steel, Kendujhargarh RTSS	00:03	-	-	0.003027	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
621	Potangi	15.06.24	15:29	16:05	00:36	132kV Sunabeda-Potangi Feeder	I/C failed at Sunabeda end on O/C ,E/F on R,Y,B- ph, IL1=2.19kA IL2 =3.05kA, IL3=2.51 KA	Potangi	00:36	-	-	0.002123	-	-
622	Bamra	15.06.24	19:17	19:36	00:19	132kV Bamra-Rajgangpur Feeder	At Bamra end: Over Current,Fault type=O/C , R-Y-B-phase operated, F.D- 6.853s,RTT=6.792s, Ia= 550.8A, Ib= 567.9A, Ic= 565.3A, In=21.06A, Make & type of Relay-ALSTOM Micom & P141	-	-	-	-	-	-	-
623	Bhograi	15.06.24	20:04	20:34	00:30	132kV Bhograi-Baripada PG	At Bhograi end: Z-1,R-G,FL-39.5KM,IR-1.002KA,TY-65.5A,IB-182.1A,VR-35.016KV,VY-80.76KV,VB-81.356KV At Baripada PG end: Z-1,R-G,FL-42.19KM,IR-1.848KA	-	-	-	-	-	-	-
624	Jajpur Road	15.06.24	20:39	21:44	01:05	132kV Duburi-Jajpur Road CKT I	At Duburi end: Distance Protection, DP RELAY OPERATED, FAULT CURRENT: IA=6.3KA, IB=244A, IC=300A;F. VOLTAGE: VAN=35.81KV,VBN=76.57KV,VCN=76.95KV; F. ZONE-I; FAULT RESISTANCE=597.7mΩ; FAULT LOCATION=6.67KM At Jajpur Road end: DP RELAY OPERATED, FAULT CURRENT: IA=3.02KA, IB=246.9A, IC=295.5A; F. VOLTAGE: VAN=25.49KV, VBN=84.29KV,VCN=68.36KV; F. ZONE-II; FAULT RESISTANCE=4.646Ω; FAULT LOCATION=6.439KM	Jajpur Town	00:57			0.040903		
			20:47	21:51	01:04	132kV Jajpur Road-Jajpur Town	At Jajpur Road end: DP RELAY OPERATED, FAULT CURRENT: IA=6.14A, IB=5.64KA, IC=5.56A; F. VOLTAGE: VAN=78.43KV, VBN=19.69KV,VCN=80.36KV; F. ZONE-I; FAULT RESISTANCE=2.47Ω; FAULT LOCATION=2.22KM At Jajpur Town end: No tripping							
			20:54	21:51	00:57	132kV Bhadrak-Jajpur Town Feeder	At Jajpur Town end: Remote End Tripping,Started phase Y-N, Tripped phase Y-N, Zone-1, Fault distance=2.224KM, I _{rn} =6.14A, I _{yn} =5.64KA, I _{bn} =5.56A, V _{yn} =78.43 KV, V _{yn} =19.69KV, V _{bn} =80.36KV, Fault resistance=2.47 ohm							
625	Somnathpur	15.06.24	20:48	22:26	01:38	12.5MVA TRF I	Over Excitation,O/F	Somnathpur	01:30	-	-	0.013227	-	-
			20:54	22:24	01:30	12.5MVA TRF II								

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 & B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
626	Rourkela	15.06.24	20:57	22:43	01:46	132kV Rourkela-Bhalulata RTSS-Shree Jagannath Steel Feeder	At Rourkela end: Over Current,ABCT,ZONE 1,LOCATION 50.17,IA=2540A, IB=2701A,IC=2552A, IN=0A, IG=165A,	Bhalulata RTSS, Jaganath Steel	01:46	-	-	0.007925	-	-
627	Balasore	15.06.24	21:17	22:38	01:21	132kV Balasore-BIRLA Tyres Feeder	At Balasore end: E/F, O/C (R Ph), Zone 1, Dist- 0.5km, Ir- 75kA	BIRLA Tyre Balasore	01:21 01:01	-	-	0.067612	Transformer is tripped due to overflux voltage on HV side is 146KV and on LV side is 36.5KV.Weather was heavy rain and lightening	-
			21:18	22:19	01:01	63MVA TRF I	Over Excitation, Overflux							
				22:27	01:09	63MVA TRF II								
				22:46	01:28	63MVA TRF III								
			21:18	21:31	00:13	40MVA TRF I at Udala	Over Excitation	Udala	00:13			0.0029613	Tripped on over flux indication	-
				21:34	00:16	40MVA TRF II at Udala							During H/T, Udala S/S availed 132KV Power Supply from Betnoti Grid end.	
21:27	23:03		132KV UDALA-BALASORE	H/T from Udala grid end as per Instruction of SLDC										
628	Soro	15.06.24	21:30	22:30	01:00	132kV Chandipur-Soro Feeder	At Soro end: Distance Protection, Zone-2, Distance-29.59KM, B-Phase-G, Group -1, IA=10A,IB=10A,IC=1.482kA,IG=1.491KA ,3I2=1.983KA At Chandipur Grid end: Distance Protction Relay: Zone Z1, Distance-5.12KM, B-Phase-G Trip,IR=10A,IY=10A,IB=2.179KA	-	-	-	-	-	At that time of fault Soro Grid was availing Power Supply from Bhadrak GSS through 132kV Soro- Bhadrak Line & Chandipur GSS was availing Power Supply from Balasore GSS.Weather Condition - Heavy Lightening & Rain.	-
629	Chend	15.06.24	21:36	16.06.24 12:51	15:15	132kV Chend-SGML Feeder	At Chhend end: Distance Protection,Distance Protection,Zone 2 loc-12.54km time-80.23 ms IL1=252.4A ,IL2=4.321KA ,IL3=267.3A ,Zone 1 loc-11.35km time-80.12 ms IL1=222.5A ,IL2=4.947KA ,IL3=4.993KA	Adhunik Metallic, SriGanesh Metallics	15:15	-	-	0.050401	-	-
630	Rajgangpur	15.06.24	22:25	16.06.24 01:25	03:00	132kV Bamra-Rajgangpur Feeder	At Rajgangpur end: Earth Fault,R-PH,Z1 PU/Z1 TRIP, ZONE-1, IR=1.178 KA, IY=164.7 A, IB=301.6 A, DISTANCE=0 KM, FD=61.81 ms,RTT=80.19 ms MASTER TRIP RELAY OPERATED At Bamra end: Over Current,Fault type=O/C , R-Y-B-phase operated, F.D- 611ms,RTT=541ms, Ia= 2.193KA, Ib= 145.5A, Ic= 292.9A,	Rajgangpur, OCL, Rajgangpur RTSS Bamra	00:26 01:15	-	-	0.032164	-	-
631	Budhipadar	15.06.24	22:26	16.06.24 01:17	02:51	132kV Budhipadar-Kalunga Feeder	At Budhipadar end: D/P(MICOM P444)F.L- AB-N, ZONE 1,F.D- 69.02km, F.dur-61.82ms, RTT-0s, IL1- 1.282kA, IL2-1.946kA, IL3- 115.1A,Fault resistance- -9.061ohm At Kalunga end: No tripping	kalunga	00:03	-	-	0.002992	Weather- rain & lightening	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 & B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
632	Lapanga	16.06.24	00:14	01:44	01:30	132kV Lapanga-Aryan Ispat Feeder	At Lapanga end: Distance Protection,LAPANGA END DETAILS MAIN-1:- FAULT LOOP-L3-E ZONE-1 IL1-0.5KA IL2-0.05KA IL3-13.94KA DIST-1.9KM	Aryan Ispat	00:58	-	-	0.000004	-	-
633	Sambalpur	16.06.24	00:46	18:30	17:44	132kV Burla PH-Sambalpur Feeder	At Sambalpur end: Tripped on Z1, Bph E/F, Ia=239A, Ib=197A,Ic=3041A, Ig=2729A, Fault dist.=12.64KM, fault duration=57.477ms At Burla PH end: tripped at 00:03Hr on Z1, Bph, Fault dist.=6.4KM	Sambalpur Shyam DRI, Aryan-Viraj Maneswar Maneswar RTSS	00:15 00:58 01:00 00:24	-	-	0.037300	DC tower of 132KV SBP-BurlaPH & 132KV SBP-SDRI collapse at loc No. LILO 14, Heavy lightning, wind & rain	-
			01:29	18:55	17:26	132kV Sambalpur-Shyam DRI Feeder	At Sambalpur end: Tripped on Z1, Yph E/F, Ia=7.4A, Ib=4427A,Ic=4424A, Ig=62A, Fault dist.=3.26KM, fault duration=56.64ms							
634	Lapanga	16.06.24	01:00	01:15	00:15	220kV Lapanga-Katapali CKT II	At Lapanga end: Y-N, Zone 1, Dist-23.7km, Iy-9.35kA	-	-	-	-	-	-	-
635	Budhipadar	16.06.24	01:51	02:34	00:43	132kV Budhipadar-Kalunga Feeder	B/U operated	-	-	-	-	-	Tripped from Budhipadar end only. I/C from Budhipadar end.	-
636	Lapanga	16.06.24	01:53	02:25	00:32	132kV Lapanga-Burla PH Feeder	At Lapanga end: Y-B-N, Zone 1, Dist-37.2km, Iy- 2.95kA, Ib- 2.83kA	-	-	-	-	-	-	-
				02:30	00:37	132kV Lapanga-Hirakud Feeder	At Lapanga end: Y-B-N, Zone 1, Dist-36.5km, Iy- 2.96kA, Ib- 2.83kA							
637	Budhipadar	16.06.24	03:26	05:52	02:26	132kV Budhipadar-MCL Feeder	R-N, Zone 1, Dist- 16.61km, Ir- 1.64kA	MCL Jurabanga MCL	02:26	-	-	0.047256	Weather- rain & lightening	-
				04:07	00:41	132kV Brajragnagar-Jurabanga MCL Feeder	R-N, Zone 1, Dist- 12.2km, Ir- 2.28kA							
				03:34	03:47	00:13	220kV Budhipadar-IB CKT-I							
				03:36	04:23	00:47	132kV Budhipadar-MSP Feeder							
638	Shamuka	16.06.24	11:53	12:07	00:14	132kV Atri-Shamuka Feeder	At Shamuka end: Remote End Tripping,Fault Type: RYphase to ground , Ir-2.408KA, Iy-2.179KA,Ib-283.7A , Distance-55.26km, Zone-I At Atri end: Distance Protection,R-Y phase-N , Ir = 2.408 kA, Iy= 2.179 kA, Ib= 283.7 A , Distance-55.26 km, Zone-1	Shamuka	00:14	-	-	0.006525	-	-
639	Lakhanpur	16.06.24	13:24	19:23	05:59	132kV Lakhanpur-Budhipadar Feeder	At Lakhanpur end: Distance Protection,Phase-CN, (Ia-0.23kA, Ib-0.27kA, Ic-1.23kA), Zone-1, Distance=16.1KM. At Budhipadar end: D/P(MICOM): F.L-C-N, ZONE 1,F.DU- 71.7ms, Relay trip time- 80.10ms, F.D- 6.719km, IL1-227.3A,IL2-276.2A,IL3-9.456kA	-	-	-	-	-	No Area Interruption as 132KV Brajragnagar Feeder was in Service. Weather- rain & lightening	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 & B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
640	Polasponga	16.06.24	16:01	16:04	00:03	132kV Joda-Polasponga Feeder	At Polasponga end: Over Current,AB T, IA=527.9A,IB=446.7A,IC=359.6A,IG=4.83A	Polasponga, ESIL, MSP, OSISL, Patnaik Steel, Kendujhargarh RTSS	00:03	-	-	0.003027	-	-
641	Joda	16.06.24	18:17	18:20	00:03	132kV Joda-Bansapani RTSS Feeder	<u>At Joda end:</u> Over Current,Relay at Joda end: B/U relay: Dir.O/C tripped,Fault Current: IL1=0.26KA,IL2=0.26KA	Bansapani RTSS	00:03	-	-	0.000454	-	-
642	Katapali	17.06.24	00:43	01:27	00:44	132kV Katapali-Sambalpur Feeder	<u>At Katapali end:</u> Distance Protection,Remote End Tripping,Tripped with distance protection optd in zone 1 ,IR=457A,IY=1.5kA, IB=246.3A, IN=8KA, Fault distance=11.26km,Relay trip time=80ms,Fault duration=103.3ms, No tripping at SBP end	-	-	-	-	-	-	-
643	Tarkera	17.06.24	11:05	11:18	00:13	220kV Bonai-Tarkera Feeder	<u>At Tarkera end:</u> O/C, Ib- 1.381kA	Bonai, Bimlagarh RTSS Barkote	00:13 00:12	-	-	0.004385	-	-
				11:17	00:12	220kV Bonai-Barkote Feeder	<u>At Barkote end:</u> Remote End Tripping							
644	Chatrapur	17.06.24	11:45	14:26	02:41	132kV Balugaon-Chatrapur Feeder	At Chatrapur end: Distance Protection,DP relay (Micom-P444) Y,B Phase, A/R Lockout,Fault distance=0.558kmKM , Zone-1, IR=0.195KA,IY=7.842KA, IB=7.706KA At Balugaon end: Distance Protection,A/R L/O, ZONE-2,DIST=60.84Km,BC T,IA=11A,IB=880A,IC=876A	-	-	-	-	-	GSS,Balugaon was availing power supply from 132KV CHANDPUR (Synchronized) during the above mentioned period.	-
645	Dhenkanal	17.06.24	16:20	16:35	00:15	132kV Khajuriakata-Nuapatana-Dhenkanal Feeder	<u>At Khajuriakata end:</u> Over Current,Z-2,R-g, Dist-65.5 KM, Ir-1.262 KA	Dhenkanal, Joranda RTSS Khuntuni	00:15 00:18	-	-	0.017746	-	-
				17:58	01:38	132kV Meramundali-Dhenkanal Feeder	At Dhenkanal grid end:- DP relay operated with indication:- Z-2, Dist.=32.53 kM, Ir=1.255KA, Iy=7 A, Ib=7A At Meramundali grid end:- DP relay operated with indication- Z-1, R-N, Dist=6.75Km, Ir=7.97KA							
				16:36	00:16	132kV Dhenkanal-Khuntuni Feeder	<u>At Khuntuni end:</u> Remote End Tripping,Incoming supply failed from Meramundali GSS end.							
646	Chandaka	17.06.24	16:29	16:59	00:30	132kV Chandaka-Nimapara Feeder	<u>At Chandaka end:</u> Distance Protection,A-B-N, Z-1, D=9.49KM, 5.86KA, 5.576KA, 202.8A	Nimapara, Konark Ranasinghpur	00:30 00:15	-	-	0.040082	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
				17:04	17:04	132kV Chandaka-Ranasinghpur Feeder	At Chandaka end: Distance Protection,A-B-C-N, Z-1, D=8.215KM, 5.605KA, 6.268KA, 9.481KA At Ranasinghpur end: Remote End Tripping,Ia=5.605Ka, Ib=6.268Ka, Ic=9.481Ka, Distance=8.215Km(Zone 1)			-	-		-	-
647	Polasponga	17.06.24	17:53	17:56	00:03	132kV Joda-Polasponga Feeder	At Polasponga end: Over Current,AB T, IA=530A,IB=447A,IC=386A,IG=8.0A	Polasponga, ESIL, MSP, OSISL, Patnaik Steel, Kendujhargarh RTSS	00:03	-	-	0.003027	-	-
648	Biramaharajpur	18.06.24	06:04	07:58	01:54	132kV Sonepur-Birmaharajpur Feeder	At Biramaharajpur end: Remote End Tripping,Shutdown availed for 132kV Bolangir-Sonepur Line from Sonepur end	Biramaharajpur	01:54	-	-	0.015775	-	-
649	Lapanga	18.06.24	10:21	13:56	03:35	132kV Lapanga-SMC Feeder	At Lapanga end: Distance Protection,LAPANGA END DETAILS MAIN-1:- FAULT LOOP-L2-E ZONE-1 IL1-0.05KA IL2-14.26KA IL3-0.06KA DIST-1.9KM	SMC	03:35	-	-	0.000962	-	-
650	Laxmipur	18.06.24	13:06	13:18	00:12	220kV Jayanagar-Laxmipur CKT I	At Laxmipur end: Distance Protection,R-Y PH,Ia-1.5KA,Ib-1.4KA NO DISTANCE ,	-	-	-	-	-	-	-
651	Chandaka	18.06.24	14:00	15:22	01:22	132kV Chandaka-Ranasinghpur Feeder	At Chandaka end: Distance Protection,A-B-N, Z-1, D=8.26KM, 9.15KA, 5.64KA, 883A At Ranasinghpur end: Distance Protection,Zone1 distance= 17.55Km, Ia=239.1A, Ib=172.1A, Ic=872.7A.	Ranasinghpur	00:13	-	-	0.014497	-	-
652	Phulnakhara	18.06.24	14:41	16:44	02:03	132kV Phulnakhara-Pratapsasan CKT I	At Phulnakhara end: Distance Protection,R-Phase to E/F, Zone-1, 6.61KM, Ir-3.926Ka, Iy-148A, Ib-82.37A At Pratapsasan end: R-Phase to E/F, Zone-1, 9.2KM,	-	-	-	-	-	-	-
653	Bidanasi	18.06.24	14:45	15:02	00:17	220kV Bidanasi-Mendhasal CKT-II	At Bidanasi end: Zone-1 R- Phase O/C, Distance-14.1KM, Ir=7.66kA, Iy-347A, Ib-477.4kA At Mendhasal end: Zone-1,R-Phase O/C ,Distance-15.1KM, Ir- 6.7KA A/R OPERATED SUCCEFULLY	-	-	-	-	-	-	-
654	Muniguda	18.06.24	15:04	15:05	00:01	132kV Muniguda-Bissam Cuttack RTSS Feeder	At Muniguda end: Over Current,I=267.6A	Bissam Cuttack RTSS	00:01	-	-	0.000110	-	-

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Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
655	Kendrapara	18.06.24	15:23	15:27	00:04	132kV Kendrapara-Ramco Feeder	At Kendrapara end: Distance Protection,TRIPPED ON B/U E/F AND DP, ZONE-1, DISTANCE=8.92KMS, IR=48A, IY=52A, IB=3.8KA, IN=3.8KA	-	-	-	-	-	-	-
656	Chandaka	18.06.24	15:29	15:48	00:19	220kV Mendhasal-Chandaka CKT I	At Chandaka end: Y-N, Zone 1, Dist- 3.6km, Iy- 3.79kA	Kantabada	00:20	-	-	0.002930	-	-
				15:49	00:20	220kV Chandaka-Kantabada Feeder	At Chandaka end: Distance Protection,L2-E, ZONE-NA, D= NA, 472.8A, 2.14KA, 251.7A, AR LOCKOUT SHOT							
657	Jajpur Road	18.06.24	16:10	17:45	01:35	132kV Jajpur Road-Duburi CKT-II	At Jajpur Road end: R-N, Zone 1, Dist- 4.22km, Ir- 3.7kA At Duburi end: R-N, Zone 1, Dist- 10.42km, Ir- 4.52kA	-	-	-	-	-	-	-
658	Budhipadar	18.06.24	20:19	22:59	02:40	220kV Budhipadar Raigarh Feeder	At Budhipadar end: D/P 1(MiCOM P444): Rph to E loop, Zone 1 trip, Fault duration- 413.7ms, Relay trip time- 372.0ms, Loc no. 63.48km, Ia- 2.65kA, Ib- 35.94A, Ic- 31.97A, Fault resistance- 11.79ohm; D/P 2(SIEMENS 7SA52) operated: Fault loop- Rph to E, Zone 1 trip, Dist- 62.2km(74.6%) IL1- 2.66kA, IL2- 0.18kA, IL3- 0.71kA, Rsec- 2.51ohm, Xsec- 7.16ohm, Rpri- 8.37ohm, Xsec- 23.88ohm, PU time- 407ms, Trip time - 1 ms At Raigarh end: Main I- Rph to E loop, Zone 1, Dist- 11.15km, Fault current Ir- 10.02kA Main II- Rph to E loop, Zone 1, Dist- 10.62km, Fault current Ir- 11.01kA	-	-	-	-	-	-	
659	Bhawanipatna	19.06.24	08:09	08:11	00:02	132kV Bhawanipatna-Lanjigarh RTSS Feeder	At Bhawanipatna end: Over Current,Ia=0, IB=267.6A, IC=262.8A, IN=5.2A	Lanjigarh RTSS	00:02	-	-	0.000235	the feeder was test charged from Tarkera grid end only at 23:31 hrs vide sldc switch on code "SN-45" but tripped on SOTF(Switch on to fault).	-
660	Budhipadar	19.06.24	09:22	11:08	01:46	132kV Budhipadar-Lakhanpur Feeder	At Lakhanpur end: Distance Protection,Phase-CN, (Ia-0.00kA, Ib- 0.01kA, Ic-2.18kA), Zone-1, Distance=18.8KM. At Budhipadar end: D/P: F.L- Bph-E, ZONE 1, F.D- 4.416km, Trip time- 79.96ms, F.Dur- 69.96ms, IL3- 9.826KA, F.R-5.46ohm	MCL	01:37	-	-	0.0146235	No Area Interruption as 132KV Brajragnagar Feeder was in Service. (Truck was passing under the DC line & its lorry got stuck.)	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
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Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
			09:22	11:37	02:15	132kV Budhipadar-MCL Feeder	D/P: F.L- Bph-E, ZONE 1, F.D- 1.295km,F.Dur- 68.3ms, IL1- 5.154A,IL2-3.48A,IL3-10.52KA, F.R- 4.315ohm							
661	Laxmipur	19.06.24	10:59	11:04	00:05	220kV Therubali-Laxmipur CKT I	At Laxmipur end: Distance Protection,R-PH,Z-1, 1.2KA,33.8KM At Therubali end: Distance Protection, R-G, Z1, Distance-26.56 km, Ir=2.46kA, Laxmipur End: R-G, Z1, Distance-33.8 km, Ir=1.2 kA.	-	-	-	-	-	22KV LAXMIPUR-THERUBALI CKT II WAS IN SERVICE . Auto Reclosure Successful at Laxmipur end.	-
662	Purusottampur	19.06.24	11:16	11:32	00:16	132kV Purusottampur-Chatrapur Feeder	At Chatrapur end: Over Current,B/U Relay O/C(R phase),E/F M/R Operated IR=1.44KA,IY=0.09KA,IB=0.12KA	Purusottampur	00:16			0.003916		
				11:41	00:25	132kV Purusottampur-Aska Feeder	At Purusottampur end: Distance Protection,Tripped with Distance protection Relay, A/R Block, A/R Lockout, o/c in R-phase, fault current-IL1- 1.73 KA, IL2- 0.01 KA, IL3- 0.01 KA, Zone-2, Distance-17.4 KM. At Aska end: A/R OPERATED,Z-1,DIST-21.42K.M, R-N,IA-1.838KA,IB-130.8A,IC-155.9A							
663	Junagarh	19.06.24	11:28	11:58	00:30	132kV Bhawanipatna-Junagarh Feeder	At Junagarh end: Remote End Tripping, 132kV Kesinga Junagarh incomer tripped from both ends.	Bhawanipatna, Bhawanipatna RTSS, Lanjigarh RTSS Junagarh	00:30			0.023704		
				13:52	02:24	132kV Kesinga-Junagarh Feeder	At Junagarh end: Distance Protection,Y ph E/F, Zone -I, Fault Distance=10.7km		00:35					
664	Muniguda	19.06.24	11:37	11:39	00:02	132kV Muniguda-Bissam Cuttack	O/C	Bissam Cuttack RTSS	00:03	-	-	0.000330	-	-
			11:46	11:47	00:01	RTSS Feeder								
665	Kesinga	19.06.24	12:03	12:12	00:09	132kV Kesinga-Bhawanipatna Feeder	At Kesinga end: Earth Fault, Master Trip Operated	Bhawanipatna, Bhawanipatna RTSS, Lanjigarh RTSS Junagarh	00:09 00:06	-	-	0.005638	-	-
666	Padampur	19.06.24	16:47	20:36	03:49	132kV Patnagarh-Padampur Feeder	At Padampur end: Earth Fault,Tripped due to jumper snapped at loc 156	Padampur Nuapada Nuapada RTSS Patnagarh	00:44 00:21 00:20 00:24	-	-	0.029126	Tripped due to jumper snapped at loc 156	-
667	Jayanagar	19.06.24	19:09	19:46	00:37	220kV Balimela PH-Govinpalli-Jayanagar Feeder	At Jayanagar end: Distance Protection,R-G,zone-1,dist=47.27km,Ir=2.94KA	-	-	-	-	-	-	-
668	Kesinga	20.06.24	06:00	06:06	00:06	132kV Kesinga-Bhawanipatna Feeder	At Kesinga end: Over Current	Bhawanipatna, Bhawanipatna RTSS, Lanjigarh RTSS Junagarh	00:06 00:18	-	-	0.008342	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
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Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
669	Meramundali	20.06.24	11:01	11:13	00:12	220kV Meramundali-Bharjanagar Feeder	At Meramundali end: Distance Protection,Main-1: Z2, Ib-1.74 KA, Dist-34.58 KM	-	-	-	-	-	-	-
670	Balasore	20.06.24	12:32	13:58	01:26	132kV Udala-Balasore Feeder	At Balasore end: Distance Protection,Y-ph & B-ph optd,Dist optd,Zone-1,carrier send, Dist-55.75KM,Fault current Ir-172A,Iy-193A,Ib-1929A,In-1.5KA. At Udala end: Distance Protection	Udala	00:16	-	-	0.003645	-	-
671	Paradeep	20.06.24	12:41	12:51	00:10	132kV Kendrapara-Pattamundai Feeder	At Kendrapara end: Over Current,TRIPPED ON MASTER TRIP RELAY WITH IR=500A, IY=90A, IB=197.4A	Kendrapara Marshaghai, Kendrapada RTSS Paradeep, A. M. Nippon Steel, IFFCO, IOCL, PPL, PPT, Siju RTSS	00:08 00:07 00:05			0.014190	BOTH INCOMER FROM PARADEEP END TRIPPED CAUSING OVERLOADING OF PATTAMUNDAI FEEDER	
				12:46	00:05	220kV New Duburi-Paradeep CKT I	At Paradeep end: Over Current,O/C R,Y,B , Ir= 750 A , Iy= 1.02 kA , Ib= 1.18 kA							
				14:35	01:54	220kV New Duburi-Paradeep CKT II	At Paradeep end: Over Current,Earth Fault,Ir= 4.14 kA , Iy= 385 A , Ib= 676.4 A,R-Ph to G ,Zone-I, Dist-11.57 kms							
				12:48	00:07	132kV Marsaghai-Paradeep Feeder	At Marshaghai end: Remote End Tripping,source fail							
				12:48	00:07	132kV Marsaghai-Kendrapara Feeder	At Marshaghai end: Remote End Tripping,source failure							
672	Balasore	20.06.24	13:13	13:32	00:19	220kV Balasore-Baripada PG CKT II	At Balasore end: Distance Protection,Main-I: Dist B-ph Optd,Zone-1,Auto reclose OPTD,fault distance-15.80 KM, fault current-Ir=304.361A, Iy=714.304 A, Ib=3.634KA, In=4355.236A. Main-II: No fault report is recored. AT PGCIL end : Main-I: B-N, Zone-II, Fault current Ib=3.28KA,Distance-62.6 KM Main-II: B-N, Zone-I, Fault current Ib=2.665KA,Distance-76.3 KM	-	-	-	-	-	A/R was successfully operated from balasore end but breaker is tripped at PGCIL end.	-
673	Jaleswar	20.06.24	14:02	14:55	00:53	132kV Jaleswar-Baripada PG Feeder	At Jaleswar end: Distance Protection,Fault details at Jaleswar end: Yph-Gnd, Z-1, Distance- 56.3 Km, Ir- 82.6A, Iy- 811.2A, Ib-74.9A, Vrn-78.08 KV, Vyn- 44.21KV, Vbn-76.54KV At Baripada PG end: Ypg-Gnd, Z-1, Distance - 11.92 KM, Iy- 4.272 KA.	-	-	-	-	-	-	-

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Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
674	Bhograi	20.06.24	14:06	14:43	00:37	132kV Bhograi-Baripada PG Feeder	At Bhograi end: Z-1,R-G,FL-48.6KM,IR-777.5A,IY-67.8A,IB-211.7A,VR-35.45KV,VY-78.075KV,VB-79.526KV At Baripada PG end: Z-1,R-G,FL-32.56KM,IR-2.324KA	-	-	-	-	-	-	-
675	Paradeep	20.06.24	14:12	14:20	00:08	132kV Tirtol-Paradeep Feeder	At Paradeep end: Over Current,Earth Fault,Ir=205.576 A , Iy = 3.26 kA , Ib=116.531 A,Y-Ph to G, Zone -I, Dist-17.7 kms At Tirtol end: Distance Protection,ZONE-1, B-N, IA=208.8A, IB=148.0A, IC=127.0A, FAULT DISTANCE- 9.306 KMS.	Tirtol	00:08	-	-	0.002973	-	-
676	Kesinga	20.06.24	14:17	14:35	00:18	132kV Kesinga-Bhawanipatna Feeder	At Kesinga end: Earth Fault,E/F, R phase= 563Amp	Bhawanipatna, Bhawanipatna RTSS, Lanjigarh RTSS Junagarh	00:18 00:08	-	-	0.009966	-	-
677	Kuchinda	20.06.24	16:09	16:41	00:32	132kV Kuchinda-SMC Power Feeder	At Kuchinda end: Distance Protection,zone-1, location=36.07km Tripped phase Yph,Fault duration=81.63ms, Ir=11.93A,Iy=655.5A, Ib=15.48A, Fault resistnace=45.59 Ohm At SMC end: zone-1, location=12.20km Tripped phase Yph,Fault duration=79.96ms, Ir=112.7A,Iy=4.791kA, Ib=36.35A, fault resistance=4.746 Ohm	SMC	00:17	-	-	0.000076	-	-
678	Kalunga	20.06.24	16:16	18:36	02:20	132kV Kalunga-Budhipadar Feeder	At Kalunga end: DP Relay- Tripped Phase- B-N, Zone- 1, Fault location- 14 km, Fault duration- 59.96 ms,relay trip time - 79.95 ms, Ir-364.5 A, Iy-473.1A, Ib-433.7A, Fault Resistance-42.72 ohm At Budhipadar end: zone-1,fault location-74.31 km,fault duration-59.96 ms, Ir-353.3A,Iy-464.5 A,Ib-1.47 kA,fault resistance-11.91 ohm	Kalunga	00:07	-	-	0.006980	Weather-Lightening,Rainfall	-
679	Tarkera	20.06.24	16:30	15:17	22:47	220kV Tarkera-RSP CKT I	At Tarkera end: Line Differential Protection,LD 1 :- LOOP : L3-N, DIST=0.9 KM, IL1=0.3 KA, IL2=0.58 KA, IL3= 16.3 KAmLD 2 : LOOP : C-N, DIST=394.3 MTR, IA=272.5A, IB=621.1A, IC=16.6 KA, IN=15.84 KA	-	#BEZUG!	-	-	-	22 KV TKR-RSP CKT II,III & IV FEEDER WERE IN HEALTHY CONDITION.	-

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										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
680	Budhipadar	20.06.24	16:56	18:15	01:19	220kV Budhipadar-Kuarmunda Feeder	D/P(MICOM P444): F.L- C-N, ZONE 1, F.D-5.3km,IL1-43.05A,IL2-44.07A,IL3-17.89ka,F.dur-71.44ms D/P(Siemens 7SA52): F.L- L3-N, ZONE 1, F.D-5.3km,IL1-0.04KA,IL2-0.05KA,IL3-18.41ka	Kuarmunda	01:19	-	-	0.008641	Weather-Lightening,Rainfall	-
681	G.Udaygiri	20.06.24	17:02	17:38	00:36	132kV Phulbani-G.Udaygiri Feeder	At G.Udaygiri end: Distance Protection, zone-1 , D-26.3KM, Ir-0.17KA, ly-0.28KA & lb-1.48KA.	Phulbani	00:36	-	-	0.010024	-	-
682	Budhipadar	20.06.24	17:08	05:40	12:32	220kV Budhipadar-Raigarh Feeder	D/P(MICOM P444): F.L- A-N, ZONE 1, F.D-2.273km,IL1-23.89KA,IL2-790.4A,IL3-216.9A,F.dur-101.8ms,RTT-101.8ms D/P(Siemens 7SA52): F.L- L1-N, F.D-1.2km,IL1-23.44KA,IL2-0.74KA,IL3-0.15ka	-	-	-	-	-	Weather-Lightening,Rainfall	-
683	Budhipadar	20.06.24	17:09	18:09	01:00	132 KV Budhipadar-Lakhanpur	D/P(MICOM P444): F.L- A-N, ZONE 1, F.D-10.89km,IL1-7.47KA,IL2-341.8A,IL3-330.6A,F.R-297.7mohm,F.dur-65.09ms	-	-	-	-	-	Weather-Lightening,Rainfall	-
684	Lakhanpur	20.06.24	17:12	21.06.24 16:09	22:57	132kV Lakhanpur-Budhipadar Feeder	At Lakhanpur end: Distance Protection,Phase-AN, (Ia-1.86kA, lb-0.33kA, lc-0.31kA), Zone-1, Distance=12.8KM At Budhipadar end: D/P(MICOM P444): F.L- A-N, ZONE 1, F.D-10.89km,IL1-7.47KA,IL2-341.8A,IL3-330.6A,F.R-297.7mohm,F.dur-65.09ms	Lakhanpur Brajarajnagar, Belpahar RTSS, Jurabanga MCL Kechhobahal RTSS	01:11 00:54 01:08	-	-	0.041909	Weather-Lightening,Rainfall-	-
				18:09	00:57	132kV Budhipadar-Brajarajnagar Feeder	D/P(MICOM P444): F.L- A-N, ZONE 1, F.D-8.135km,IL1-7.78KA,IL2-338.8A,IL3-920.3A,F.R-1.14ohm,F.dur-93.44ms							
				18:23	01:11	132kV Brajarajnagar-Lakahanpur Feeder	At Brajarajnagar end: Earth Fault,DP operated, Zone 1, FL= R-E, Fault Dist. 2.3 km, IL1= 8.49 KA							
685	Chhend	20.06.24	17:24	17:26	00:02	132kV Chhend-Nuagaon RTSS Feeder	At Chhend end: Distance Protection,BC Zone-1 loc-20.14 km IL1=30 A IL2=3.32KA IL3=0A Ig=3.31KA	Nuagaon RTSS	00:45	-	-	0.002104	-	-
			17:27	18:10	00:43	At Chhend end: Distance Protection,zone 1 Loc-9.81 km IL1=4856A IL2=7 A IL3=0 A IG=4862 A								

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.

FORMAT : B-3 & B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
686	Budhipadar	20.06.24	17:36	20:46	03:10	220kV Budhipadar-Korba CKT I	D/P(MICOM P444): F.L- A-N, ZONE 1, F.D-1.96km,IL1-22.76KA,IL2-341.1A,IL3-139.0a,F.R-1.055ohmF.dur-71.75ms D/P(Siemens 7SA52): F.L- L1-N, F.D-1.9km,IL1-23.36KA,IL2-0.3KA,IL3-0.11kA	-	-	-	-	-	Weather-Lightening,Rainfall	-
687	Purusottampur	20.06.24	19:12	11:55	16:43	132kV Purusottampur-Aska Feeder	At Purusottampur end: Distance Protection,Tripped with Distance protection Relay, A/R Block, A/R Lockout, R-phase E/F, fault current-IL1- 1.85 KA, IL2- 0.01 KA, IL3- 0.01 KA, Zone-2, Distance-16.8 KM. At Aska end: Distance Protection,ZONE-1, DIST- 14.53 KM, R-N, IA- 2.67 KA, IB- 133.8 A, IC- 181.2A	-	-	-	-	-	-	-
688	Meramundali B	20.06.24	19:18	21:15	01:57	400kV Meramundali B-GMR Feeder	At Meramundali B end: Distance Protection,At Meramundali-B end-Zone-1, R-E Fault current 17.41 kA, Distance- 5.65 KM . At GMR End-Zone-3, Fault current- R-E 3 KA.	-	-	-	-	-	-	-
689	Meramundali	20.06.24	19:18	22:32	03:14	220kV Meramundali-Nalco CKT II	At Meramundali end: Distance Protection,Main-1: R-N, Z1, Dist-5.243 KM, Ir -15.97 kA,Main-2: R-N, Z1, Dist-5.173 KM, Ir -16.22 KA,R-E, Ir - 2.72 kA, Dist - 6.925 KM	-	-	-	-	-	-	-
690	Meramundali	20.06.24	19:21	23:04	03:43	220kV Meramundali-TTPS CKT II	At Meramundali end: Distance Protection, Remote End Tripping,Main-1: R-E, Z1, Dist- 8.815 KM, Ir -14.08 kA,Main-2: R-E, Z1, Dist- 8.863 KM, Ir -14.06 kA,R-E, Ir-16.81 kA, Z1, Dist-NA	-	-	-	-	-	-	-
691	Angul	20.06.24	19:38	20:07	00:29	132kV Angul-Chainpal Feeder	At Chainpal end: Distance Protection,ZONE-1, L1-N, DISTANCE=6.67KM, IA=3.8KA	Angul MCL Boinda, Boinda RTSS	00:37 00:22 00:17			0.040073		
				20:10	00:32	132kV Angul-Boinda Feeder	At Angul end: Remote End Tripping, CB didnot trip at Boinda end							
				20:33	00:55	132kV Angul-MCL CKT I	At Angul end: Remote End Tripping,CB didnot trip at MCL end							
				20:33	00:55	132kV Angul-MCL CKT II	At Angul end: Remote End Tripping,CBdidnot trip at MCL end							
				21:09	01:31	132kV Angul-TTPS Feeder	At Angul end: Remote End Tripping							

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 & B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
				21:11	01:33	132kV Chainpal-TTPS CKT II	At Chainpal end: Remote End Tripping,DISTANCE PROTECTION, DISTANCE=19.68KM, L1-N, IA=1.88KA							
692	Telkoi	20.06.24	19:42	21:06	01:24	220kV Telkoi-TTPS Feeder	At Telkoi end: Distance Protection,220KV Telkoi TTPS feeder Tripped on distance protection from both end and AR successful at Telkoi end only. DP relay data (Main-I): (1) Started phase A N (2) Tripped phase A (3) Zone 1 (4) Fault location 58.35 KM (5) Ia=860.5 A, Ib=174.3 A, Ic=53.99 A (6) Van=47.3 KV, Vbn=131.7 KV, Vcn=128.6 KV DP relay data(Main-II): (1) fault type A G (2) Fault location 57 KM (3) Ia=1.194 KA, Ib=31.316 A, Ic=30.675 A , In=1.221 KA (4) Zone-1 (5)Van=51.782 KV, Vbn=133.535 KV, Vcn=130.289 KV At TTPS end: (1) Fault location 3.172 KM (2) Ia=14.850 KA, Ib=187.9 A, Ic= 69.47 A (3) Zone-1 (4) fault type AG	-	-	-	-	-	22KV Telkoi-JODA feeder was in service during tripping of said feeder.	-
693	Meramundali	20.06.24	19:47	20:51	01:04	400kV Meramundali-JSPL CKT I	At Meramundali end: SOTF,Main 2: Ir-4.34 KA, ly-1.41 KA, Ib-1.18 KA	-	-	-	-	-	-	-
694	Joda	20.06.24	22:27	23:01	00:34	220kV Joda-Ramchandrapur Feeder	At Joda end: Distance Protection,Relay at Joda end: DP relay Main-1: Zone -01 , Dist-33.92Km, Tripped phase- CN, Fault Current :Ia- 271.5A , Ib-565.3A, Ic- 2794A DP Main-II: Zone -01,Trip ph- CGT ,Dist -31.38Km , Fault current : Ia- 263A, Ib-572A, Ic-2965A At Ramchandrapur end: DP relay Main-1: Zone -01 ,Dist-86.4Km, Fault Current : Ic-2120A	Polasponga, ESIL, MSP, OSISL, Patnaik Steel, Kendujhargarh RTSS	00:24			0.024218		
			22:46	21.06.24 08:47	10:01	132kV Joda-Kenduposi Feeder	At Joda end: Distance Protection, DP relay Main:Tripped phase- BN, Fault Current :Ia- 389A ,Ib-1525A,Ic-288.4A At Kenduposi end: DP Main:Tripped phase- BN, Fault Current :Ia- 360A ,Ib-430A,Ic-280A							

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 & B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
			23:03	00:08	01:05	220kV Joda-Ramchandrapur Feeder	At Joda end: Distance Protection,Relay at Joda end: DP relay Main-1: A/R lockout shot, SOTF, Zone -01 ,Dist-14.13Km, Tripped phase- CN, Fault Current :Ia-466.8A ,Ib-236.3A, Ic-4192A DP Main-II: Zone -01,Trip ph- CGT , Dist -13.38Km , Fault current : Ia-223A, Ib-700A, Ic-4268A At Ramchandrapur end: DP relay Main-1:Zone -01 ,Dist-104.7Km			-	-		-	-
			23:27	23:51	00:24	132kV Joda-Polasponga Feeder	At Joda end: Distance Protection,Relay at Joda end: DP relay Main: Zone -01 ,Dist-8.5364Km, Ia=4767.75A, Ib=231.52A, Ic=249.14A At Polasponga end: Distance Protection,AG T,Z-1,D=30.37KM,IA=407A, IB=238A,IC=270A, IG=526A							
695	Meramundali	21.06.24	07:20	12:24	05:04	100MVA Auto TRF II	Buchholz Relay,False tripping due to presence of moisture	-	-	-	-	-	-	-
696	Rourkela	21.06.24	10:05	10:36	00:31	33 kV BUS Rourkela	TRF I: R-N, Ir- 5.586kA; TRF II: R-N, Ir- 3.179kA; TRF III: R-N, Ir- 5.274kA; TRF IV: R-N, Ir- 3.238kA;	Rourkela	00:31	-	-	0.026200	-	-
697	Aska New	21.06.24	12:50	23:16	10:26	220kV Aska New-Bhanjanagar CKT I	At Aska New end: Earth Fault, Alstom DP Relay; R phase to earth fault, zone 1, distance-22.57km,IR-4.173kA,IY=507.5A,IB=82.19A and A/R Lockout. Siemens DP Relay; R phase to earth fault, zone 1, distance-22.7km,IR=4.43kA,IY=0.53KA, IB=0.88KA and A/R Lockout. At Bhanjanagar end: Main 1 D.P relay: Y phase to E/f, zone1, distance= 3.456Km and IY= 8.822KA.mMain 2 D.P relay: Y phase to E/f,zone1, distance= 3Km and IY= 9.12KA.	-	-	-	-	-	Jumper snapped	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
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Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
698	Anandapur	21.06.24	13:36	14:30	00:54	132kV Anandapur-Jajpur Road CKT II	At Anandapur end: Distance Protection,Zone-1, 'R' Phase, Fault location-1.3Km, Ia-2.146KA Ib-0.238KA Ic-0.271KA, In-2.655KA Va-4.758KV Vb-85.882KV Vc-84.526KV At Jajpur Road end: 'R' Phase, Ia-2.718KA Ib-7.668A Ic-6.947A, Van-97.19KV Vbn-102.2KV Vcn-29.52KV	-	-	-	-	-	-	-
699	Chhend	21.06.24	17:29	17:56	00:27	132kV Chhend-SGML Feeder	At Chhend end: Distance Protection,Zone-1 loc=4.72km IL1=110.7A IL2=178.8A IL3=6.38KA Trip time-79.9ms	SGML	00:27	-	-	0.001448	-	-
700	Budhipadar	21.06.24	17:52	20:41	02:49	132kV Budhipadar-Kalunga Feeder	D/P(MICOM P444)F.L- A-N, ZONE 2,F.D-86.15km, F.dur-400.7ms, IL1-1.07kA, IL2-24.93A, IL3-26.13A,Fault resistance- 9.289ohm	-	-	-	-	-	Tripped from Budhipadar end only.	-
701	Kuchinda	21.06.24	19:03	22.06.24 14:17	19:14	132kV Kuchinda-Kutra SW Station Feeder	At Kuchinda end: Distance Protection,zone-1,location-44.88KM Tripped phase R Y B, Fault duration=61.59ms, Ir=1.596kA, Iy=1.640kA, Ib=1.617kA, Fault resistance=8.860 Ohm" SMC END FAULT DATA:" Tripped phase R Y B, FAULT LOCATION=27.80km Ir=2959.19A, Iy=4386.85A, Ib=2800.07A, Fault impedance=11.58 ohm"	-	-	-	-	-	-	-
702	Bamra	21.06.24	19:08	20:36	01:28	132kV Budhipadar-Bamra Feeder	At Bamra end: Distance Protection,D,P- Fault Loop- L1-N, Zone- 1, Distance-16.64KM,R-Phase operated, F.D-76.64ms,RTT=79.97ms, Ia=2.266KA, Ib=171.7A,Ic=218.4A At Budhipadar end: D/P(MICOM P444)F.L- A-N, ZONE 1,F.D-32.80km, IL1- 1.906kA, IL2-160.19A, IL3-226.3A,Fault resistance-21.79ohm	-	-	-	-	-	Weather- rain & lightening	-
703	BC Mohanty SW	22.06.24	02:39	02:49	00:10	132kV BC Mohanty SW-BC Mohanty Feeder	At BC Mohanty SW end: Over Current,Ia=58.27KA,Ib=53.35KA,Ic=36.36KA, Van=77.99KV, Vbn=78.08KV, Vcn=78.96KV	BC Mohanty	00:10	-	-	0.001398	-	-
704	Budhipadar	22.06.24	13:42	13:45	00:03	20MVA TRF I	B/U (O/C & E/F),IL1-0.03KA,IL2-0.81KA,IL3-0.9KA	Budhipadar	00:03	-	-	0.000483	Tripped due to the faulty LA of 12.5MVA TRF II	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 & B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
705	Budhipadar	22.06.24	17:32	18:39	01:07	220kV Budhipadar-AAL CKT II	At Budhipadar end: D/P operated:- F.L- A-N, ZONE 1,F.D-5.84km, F.dur-51.60ms, IL1- 15.51kA, IL2-592.19A, IL3-505.5A,Fault resistance- 1.53ohm At AAL end: D/P operated:-F.L- A-N, ZONE 1,F.D-14.7km, IL1- 6.242kA, IL2-593.9A, IL3-516.1Ax	-	-	-	-	-	Weather- rain & lightening	-
706	Jayanagar	23.06.24	11:13	11:19	00:06	132kV Podagada-Jayanagar Feeder	At Jayanagar end: Over Current, Ir=299.3A, Iy=305.7A, Ib=313.6A , In=9.68A	Mohana	00:07	-	-	0.000746	ALL the above mentioned grids are getting supply from machkund source and due to tripping of the 132kv podagada feeder partial interruption occurred	-
707	Bhadrak	23.06.24	12:33	13:48	01:15	132kV Bhadrak-Dhamara port RTSS Feeder	At Bhadrak end: Distance Protection,Over Current,ACTIVE GROUP I, STARTED PHASE -CN, TRIPPED PHASE-C, ZONE-1, DIST-15.90 KM, Ia=33.76 A, Ib=29.97 A, Ic=4.462 KA, Van=71.18 KV, Vbn= 72.70 KV, Vcn= 47.33 KV,B PHASE O/C	Dhamara port RTSS	01:15	-	-	0.000911	-	-
708	Rairangpur	23.06.24	13:20	13:48	00:28	132kV Rairangpur-Bangirposi Feeder	At Rairangpur end: Z4, dist-2.846km, Ia=398.3A,Ib=718.5A, Ic=1.769KA At Bangiriposi end: Backup relay, E/F,L3-E, IL1=0.01KA, IL2=0.01KA, IL3=1.35KA	Rairangpur	00:28	-	-	0.008709	-	-
				14:01	14:01	132kV Rairangpur-Karanjia Feeder	At Rairangpur end: Z4, dist-19.08KM, Ia=96.08A, Ib=249.3A,Ic=176.6A							
709	Budhipadar	23.06.24	16:34	19:12	02:38	220kV Budhipadar-Korba CKT I	At Budhipadar end: D/P operated:- F.L- L2-L3, ZONE 1, F.D-96.08km, F.dur-56.65ms, IL1- 66.13A, IL2- 2.7kA, IL3-2.724kA At Korba end: D/P operated:-F.L- L2-L3, F.D-76.83km, IL1- 35A, IL2- 3154A, IL3-3109A	-	-	-	-	-	-	-
710	Polasponga	23.06.24	16:52	16:55	00:03	132kV Polasponga-Kendujhargarh RTSS Feeder	At Polasponga end: Over Current,IA=300.6A,IB=224A,IC=92.23 A,INM=7.107A,IND=6.66A	Kendujhargarh RTSS	00:03	-	-	0.000465	-	-
711	Polasponga	24.06.24	04:24	04:54	00:30	132kV Joda-Polasponga Feeder	At Polasponga end: Over Current,IA=503.3A, IB=411.4A,IC=375.6A,IG=5.34A	Polasponga, ESIL, MSP, OSISL, Patnaik Steel, Kendujhargarh RTSS	00:30	-	-	0.030272	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
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										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
712	Argul	24.06.24	18:36	20:33	01:57	132kV Atri-Argul CKT I	At Argul end: Distance Protection,O/C & E/F trip, B phase pick up,Zone-1,Ia=0.16KA, Ib=0.21 KA,Ic=3.33 KA,distance=0.7 KM (Monkey fault inside Argul GSS switchyard) At Atri end: Over Current,O/C & E/F trip, B phase pick up, Ib= 3.6 kA	-	-	-	-	-	132kV Atri- Argul CKT II was in service.	-
713	Polasponga	24.06.24	23:40	23:43	00:03	132kV Polasponga-Kendujhargarh RTSS Feeder	At Polasponga end: Over Current,IA=299.9A, IB=224.0A,IC=90.66A,INM=6.708A,IN D=5.404A	Kendujhargarh RTSS	00:03	-	-	0.000465	-	-
714	Jaleswar	25.06.24	15:11	16:04	00:53	132kV Jaleswar-Baripada PG Feeder	At Jaleswar end: Earth Fault,DP relay indication at Jaleswar End: Z1, Y ph-Gnd, Distance :52.3 KM , Ir-288.6A, Iy-856.8A, Ib-215.4A, Vrn-72.50KV, Vyn-40.41 KV, Vbn-74.17 KV " DP relay indication at Jaleswar End: Z1, Y ph-Gnd, Distance :52.3 KM , Ir-288.6A, Iy-856.8A, Ib-215.4A, Vrn-72.50KV, Vyn-40.41 KV, Vbn-74.17 KV DP relay indication At Baripada PG end: Z1,Yph-Gnd, Distance :16.87 KM , Ir-229.3A, Iy-3.461KA, Ib-213.9A, Vrn-70.42 KV, Vyn-52.46 KV, Vbn-76.41 KV	-	-	-	-	-	-	-
715	Jajpur Road	25.06.24	15:24	16:06	00:42	132kV Jajpur Road-Chandikhoh Feeder	At Jajpur Road end: DP RELAY OPERATED, FAULT CURRENT: IA=212.3A,IB=230.3A,IC=3.19KA;F. VOLTAGE: VAN=76.75KV,VBN=77.67KV,VCN=52.11KV; F. ZONE-I; FAULT RESISTANCE=954.1mΩ; FAULT LOCATION=22.81KM At Chandikhoh end: No tripping	-	-	-	-	-	-	-
716	Brajabiharipur	25.06.24	16:57	17:22	00:25	132kV Brajabiharipur-BPPL Feeder	At Brajabiharipur end: Distance Protection, R-ph-E/F, Distance- 2.1km, Zone-1, Ir=6.25kA, Iy=0.43kA, Ib=0.22kA. At BPPL end, the said feeder was ideally charged from their end (BPPL CB was in closed condition)	Brajabiharipur	00:25	-	-	0.008453	After getting switch on code from SLDC, 132KV BPPL-Brajabiharipur feeder waqs charged and stood ok. Therefore, P/S was restored at Brajabiharipur GSS.	-
						132kV Brajabiharipur-Bidanasi feeder	At Bidanasi end: DP relay, R-ph, Zone-1, Distance- 6.05km, Ir=3.45kA, Iy=226.5A, Ib=76.3A							

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
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Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
717	Choudwar	25.06.24	17:07	17:13	00:06	132kV Choudwar-TS Alloys Feeder	At Choudwar end: Distance Protection,Zone1, location: 6.49km, Ia=188.4A, Ib= 5.887kA, Ic- 75.58A at Choudwar end. At TS Alloys end tripped on O/C Y phase.	Tata Steel Minning Ltd	00:06	-	-	0.001942	-	-
718	Pattamundai	25.06.24	20:20	20:32	00:12	132kV Olavar-Pattamundai CKT II	At Pattamundai end: Earth Fault,O/C (B-Phase) &E/F. II1= 0.16kA, II2=0.08kA, II3=1.28kA	-	-	-	-	-	-	-
719	Tusura	26.06.24	16:01	16:25	00:24	132kV Tusura-ACME Feeder	At Tusura end: Earth Fault, tripped phase-BG , Distance protection operated upto-10.8 km	-	-	-	-	-	-	-
720	Kesinga	26.06.24	17:03	17:48	00:45	132kV Kesinga-Kesinga RTSS Feeder	At Kesinga end: Distance Protection,DP Relay zone-1, distance-0.63Kms, O/C, R-phase 6.05K Amp	Kesinga RTSS	00:45	-	-	0.005245	-	-
721	Boudh	26.06.24	17:52	18:06	00:14	132kV Boudh-Sonepur Feeder	At Boudh end: Earth Fault,E/F in R-ph .Ir-1.488 KA 25.7 KM	Boudh	00:14	-	-	0.001601	-	-
722	Padampur	26.06.24	20:44	20:58	00:14	132kV Nuapada-Padampur Feeder	At Padampur end: Distance Protection, Tripped due to Distance protection operated. Zone2, 77.53KM Ia=87.75A, Ib=60.42A, Ic=99.64A At Nuapada end: Earth Fault, tripped on E/F, Started phase:N, Tripped phase:N, Ia=94.09A, Ib=57.09A Ic=130.9A, In=231.5A	Nuapada, Nuapada RTSS	00:14	-	-	0.004100	-	-
723	Mendhasal	27.06.24	05:02	06:28	01:26	100MVA Auto TRF I	Earth Fault,Yph-Earth fault, Ir=165 A, Iy=1042 A, Ib=279 A, IE=1478	-	-	-	-	-	-	-
724	Bolangir New	27.06.24	11:20	11:36	00:16	40MVA TRF I	O/C	Bolangir New	00:12	-	-	0.001056	Gss Patnagarh availed power supply from 132KV Bolangir New-Patnagarh CKT-I.	-
			11:20	11:37	00:17	20MVA TRF II								
			11:21	11:46	00:25	132kV Bolangir New-Patnagarh CKT II	At Bolangir New end: Distance Protection,Ia=82.93A, Ib=118.6A, Ic=6.524KA, Fault distance=3.528Km, Fault duration=80.01ms, fault resistance=1.04ohms At Patnagarh end: Distance Protection,C-N phase, Zone-II, loc:33.67KM, Ia=85.74A, Ib=119.34A, Ic=193.98A							
725	Jayanagar	27.06.24	18:03	18:33	00:30	132kV Sunabeda-Jayanagar Feeder	At Jayanagar end: Distance Protection,R-G,Z1,Dist-11.29KM,I _f -5.22KA	-	-	-	-	-	-	-
726	Meramundali	28.06.24	07:16	12:08	04:52	400kV New Duburi-Meramundali CKT II	At Meramundali end: Distance Protection, Multiple DTT signal received from Duburi end.	-	-	-	-	-	After charging at 12:8 Hr ,the circuit tripped instantly at Duburi end. The line cahrged from duburi end at 12:59 Hr.	-
727	Polasponga	28.06.24	12:16	12:18	00:02	132kV Polasponga-Kendujhargarh RTSS Feeder	At Polasponga end: Over Current,IA=300A, IB=279.9A, IC=36.07A, INM=7.059A,IND=6.8A	Kendujhargarh RTSS	00:04	-	-	0.000620	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
			12:19	12:21	00:02		At Polasponga end: Over Current,IA=300.3A, IB=271.4A, IC=36.07A, INM=7.059A,IND=6.8A							
728	Budhipadar	28.06.24	17:48	20:31	02:43	132kV Kalunga-Budhipadar Feeder	At Kalunga end: DP Relay- Tripped Phase- B-N, Zone- 1, Fault location- 51.65 km, Fault duration- 170 ms,relay trip time - 80.01 ms, Ir-300.2 A, Iy-322.4A, Ib-399.2A, Fault Resistance- 14.40 ohm At Budhipadar end: zone-1,fault location-24.10 km,fault duration-75.01 ms, Ir-3.6 kA,Iy-316A,Ib-394.9A,fault resistance-1.991 ohm	Kalunga	00:09			0.0089749	Weather- Cloudy & Lightening	
			17:48	20:03	02:15	132kV Budhipadar-Bamra Feeder	At Bamra end: Distance Protection,D,P- Fault Loop- L1-N, Zone- 1, Distance-21.14KM,R-Phase operated, F.D- 73.36ms, RTT=80.03ms, Ia=2.166KA, Ib=144.7A,Ic=230.2A,F.R-18.98ohm Make & type of Relay-ALSTOM Micom & P442 At Budhipadar end: D/P(MICOM P444): F.L-A-N,zone 1, F.D-27.38 KM,F.Dur- 60.02ms,IL1-2.58ka,IL2-133.7a,IL3-236.5a,F.R-13.41ohm			-	-			-
729	Chainpal	28.06.24	17:50	17:59	00:09	132kV Angul-Chainpal Feeder	<u>At Chainpal end:</u> Distance Protection,ZONE-1, L1-N, DISTANCE=9.76KM, IA=5.8KA <u>At Angul end:</u> Remote End Tripping,	-	-	-	-	-	-	-
730	Jayanagar	28.06.24	18:34	11:10	16:36	132kV Sunabeda-Jayanagar Feeder	<u>At Jayanagar end:</u> Distance Protection, B-G, Dist-8.74KM, Z1,Ilf-5.27KA	-	-	-	-	-	-	-
731	Bhadrak	28.06.24	23:22	14:50	15:28	220kV New Duburi-Bhadrak Feeder	At Bhadrak end: Distance Protection,B PHASE TRIP,ZONE-1, DIST-41.60 KM, Ia-216.6 A, Ib-433.0 A, Ic-1.937 KA, Van-118.1 KV, Vbn-118.6 KV, Vcn- 62.41 KV At New Duburi end: MAIN-I), GENERAL TRIP,B PHASE P/U, ZONE-1 TRIP, ZONE-1B TRIP, FUSE FAIL, DIST-24.50 KM, (MAIN-II), GENERAL TRIP,B PHASE P/U, E/F P/U, ZONE-1 TRIP, SOTF TRIP, (BACK UP) B PHASE P/U, E/F P/U, Ia-0.22 KA, Ib-0.58 KA, Ic-6.91 KA	-	-	-	-	-	-	-
732	Udala	28.06.24	23:32	29.06.24 15:13	15:41	132kV Udala-Balasore Feeder	<u>At Udala end:</u> Remote End Tripping	Udala	00:08	-	-	0.001822	-	-

Particulars of Transmission elements not available resulting in loss of Transmission capacity and Grid Sub-stations affected.
FORMAT : B-3 &B-4

Sl. No.	Substation	Date	From	To	Duration	Transmission element (Line / Tfr. / CB etc.)not available	Reason for non-availability of Transmission element (schedule maintenance outage / forced outage*)with details	Grid Sub-stations affected (it can be more than one)	Interruption time (Hr. Min.)	Extent of Generation Rescheduling		Energy lost in MU	Remarks	Feeders Affected
										MW rescheduled or estimated capacity restriction affected	Time: This should match with hours of non-availability in a month in Format B-2 as the case may be			
733	Meramundali	29.06.24	03:07	08:14	05:07	400kV New Duburi-Meramundali CKT II	At Meramundali end: Distance Protection,Multiple DTT signal received from Duburi end.	-	-	-	-	-	The line charged after getting clearance from duburi end.	-
			08:25	10:38	02:13		At Meramundali end: Distance Protection,Continuous DTT signal received from Duburi end.						Line charged after removal of faulty cable at Duburi end.	
734	Bhograi	29.06.24	15:46	16:16	00:30	132kV Bhograi-Baripada PG	At Bhograi end: Z-1,R-G,FL-68.4KM,IR-690.1A,IY-41.7A,IB-99.7A,VR-41.48KV,VY-78.158KV,VB-80.279KV At Baripada PG end: Z-1,R-G,FL-19.26KM,IR-3.221KA	-	-	-	-	-	-	-
735	Biramaharajpur	30.06.24	06:00	14:18	08:18	132kV Sonepur-Birmaharajpur Feeder	At Biramaharajpur end: Remote End Tripping, Shutdown availed for 132kV Bolangir-Sonepur Line from Sonepur end	Biramaharajpur	08:18	-	-	0.068911	-	-
736	Potangi	30.06.24	06:37 07:32	07:05 07:56	00:28 00:24	132kV Podagada-Potangi Feeder	Incomer failure	Potangi	00:52	-	-	0.003067	-	-
737	Bhograi	30.06.24	13:55	14:36	00:41	132kV Bhograi-Baripada PG Feeder	At Bhograi end: Z-2,Y-G,FL-101KM,IR-21.0A,IY-386.2A,IB-22.6A,VR-71.74KV,VY-37.314KV,VB-77.092KV At Baripada PG end: Z-1,Y-N,FL-17.35, IY-2.398KA	-	-	-	-	-	-	-
738	Jaleswar	30.06.24	13:55	14:34	00:39	132kV Jaleswar-Baripada PG Feeder	At Jaleswar end: Distance Protection, Yph-Gnd, Z-2, Distance=66.3 KM, Ir=16.5A, Iy=664.2A, Ib=18.1A, Vm=72.54KV, Vyn=41.07KV, Vbn=78.27 KV At Baripada PG end: Yph-Gnd, Z-1, Distance=19.41 KM, Iy=2359 A.	-	-	-	-	-	-	-
739	Kesinga	30.06.24	14:02	14:16	00:14	132kV Kesinga-VAL Lanjigarh Feeder	At Kesinga end: Distance Protection,DP Relay zone-1, distance-25.2Kms, R = 0.01KAmp, Y= 1.21KAmp, B= 0.01KAmp	-	-	-	-	-	-	-
740	Jaleswar	30.06.24	15:58	17:10	01:12	132kV Jaleswar-Baripada PG Feeder	At Jaleswar end: Distance Protection, Yph-Gnd, Z-1, Distance=21.3 KM, Ir=234 A, Iy=1654.4 A, Ib=105.7 A, Vm=79.94KV, Vyn=30.69 KV,Vbn=82.83 KV At Baripada PG end: Yph-Gnd, Z-1, Distance=48.3 KM, Iy=1661 A.m	-	-	-	-	-	-	-

OVERALL PERFORMANCE***Frequency Profile for the quarter (APRIL '24-JUNE'24)***

Month	Total Hours	Total duration(in HRs) of frequency (> 50.05 Hz.)	Percentage of time [=(3/2) * 100]	Total duration(in HRs) of frequency (<49.9 Hz.)	Percentage of time [=(5/2) * 100]
1	2	3	4	5	6
APRIL	720	110.82	15.39	40.17	5.58
MAY	744	126.82	17.05	19.68	2.65
JUNE	720	112.37	15.61	34.70	4.82
Total	2184	350.00	16.03	94.55	4.33

OVERALL PERFORMANCE

Format - C1.2

Frequency Profile for the quarter (APRIL '24-JUNE'24)
(Maximum continuous period of deviation)

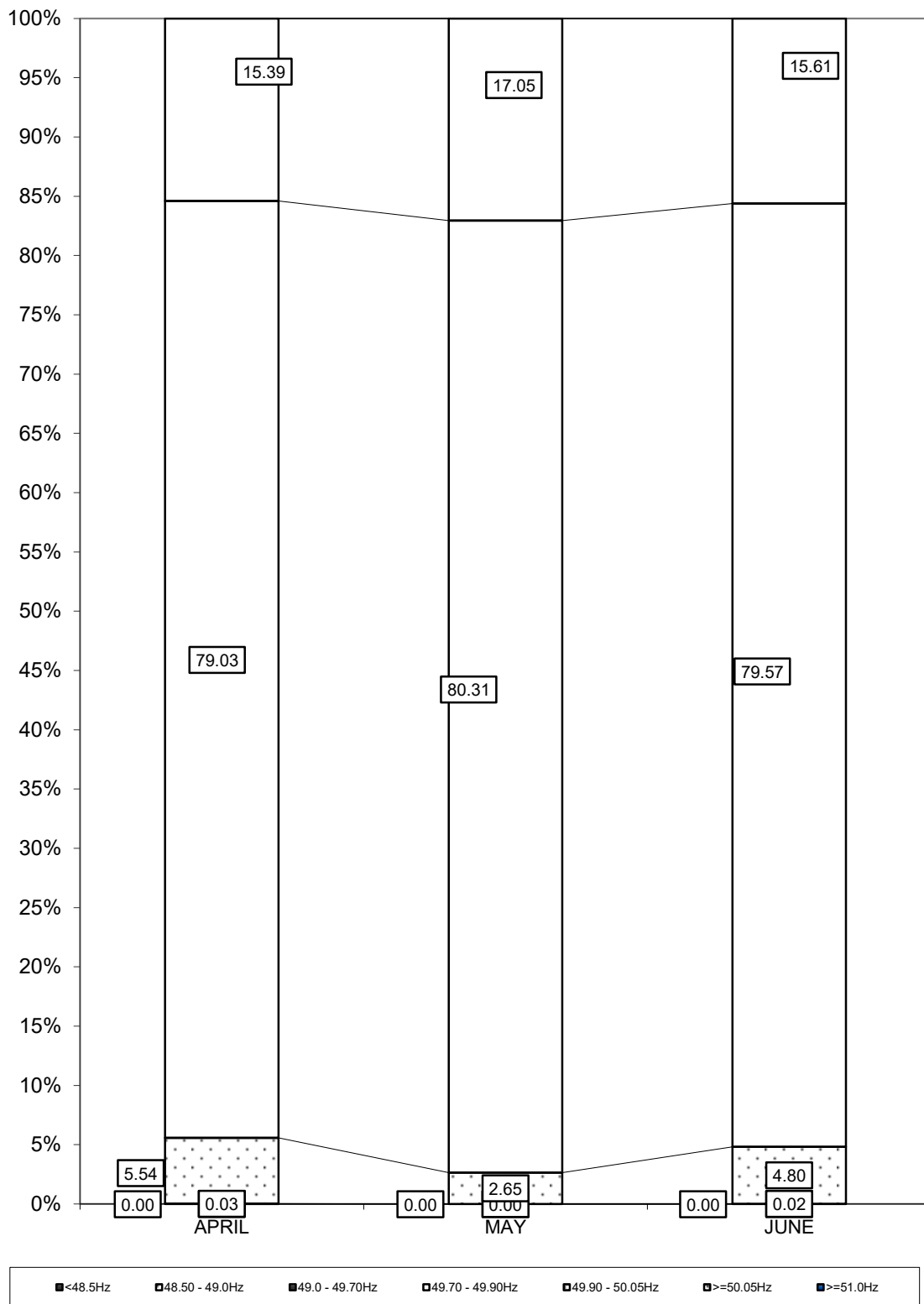
Month	Frequency (>50.05 Hz.)			Frequency (<49.9 Hz.)			
	Total duration	Percentage	Maximum continuous period of	Month	Total duration	Percentage	Maximum continuous period of
	(HRs)	of time	deviation with date, time and reason		(HRs)	of time	deviation with date, time and reason
1	2	3	4	5	6	7	8
May	1.50	0.07	07.05.24 / 17:00	April	0.93	0.04	15.04.24 / 22:17
			07.05.24 / 18:30				15.04.24 / 23:13

OVERALL PERFORMANCE***Frequency Profile for the quarter (APRIL'24-JUNE'24)******Lowest / Highest frequency occurrence***

Highest frequency occurrence			Lowest frequency occurrence			Details of the event if there is islanding
Frequency in Hz	Date of occurrence	Time of occurrence	Frequency in Hz	Date of occurrence	Time of occurrence	
1	2	3	4	5	6	7

50.34	07.05.24	18:00	49.72	15.04.24	22:45	-
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FREQUENCY PROFILE



132KV VOLTAGE AT DIFFERENT GRID SUBSTATIONS

CESU ZONE

SUBSTATIONS	Apr.24						Mai.24						Jun.24					
	MAXIMUM			MINIMUM			MAXIMUM			MINIMUM			MAXIMUM			MINIMUM		
	KV	DATE	TIME	KV	DATE	TIME	KV	DATE	TIME	KV	DATE	TIME	KV	DATE	TIME	KV	DATE	TIME
Angul	138.7	07.04.2024	20:00	128.6	26.04.2024	14:30	140.12	09.05.2024	16:30	128.6	29.05.2024	14:30	141.62	20.06.2024	20:15	129.8	10.06.2024	15:00
Argul	135.2	01.04.2024	02:45	126.4	02.04.2024	13:45	137.46	31.05.2024	00:00	120.5	29.05.2024	14:30	140.52	02.06.2024	23:30	119.2	08.06.2024	14:45
Badagada	140.0	07.04.2024	17:45	121.4	26.04.2024	14:30	142.17	06.05.2024	15:30	121.3	29.05.2024	14:30	141.82	05.06.2024	05:45	122.2	10.06.2024	14:30
Balugaon	137.8	07.04.2024	17:45	114.3	26.04.2024	14:00	140.35	13.05.2024	02:45	117.8	29.05.2024	14:30	138.96	14.06.2024	01:45	115.9	17.06.2024	14:00
Banki	138.5	07.04.2024	17:45	119.0	26.04.2024	14:30	141.33	12.05.2024	00:00	120.2	29.05.2024	14:30	141.16	02.06.2024	23:30	118.5	08.06.2024	14:45
Bhubaneswar	138.6	07.04.2024	18:00	116.3	26.04.2024	14:30	139.20	12.05.2024	00:00	116.3	29.05.2024	14:30	138.56	02.06.2024	23:30	117.3	10.06.2024	14:45
Bidanasi	137.9	07.04.2024	17:45	118.1	26.04.2024	14:30	141.56	12.05.2024	00:00	119.8	29.05.2024	14:30	140.29	02.06.2024	22:15	118.7	10.06.2024	15:00
Boinda	139.4	07.04.2024	20:00	120.0	29.04.2024	15:45	140.93	09.05.2024	16:30	120.1	30.05.2024	11:15	141.74	02.06.2024	22:15	119.9	13.06.2024	15:30
Chainpal	139.7	07.04.2024	20:00	131.2	26.04.2024	14:30	138.68	02.05.2024	05:15	126.9	29.05.2024	14:30	139.95	24.06.2024	05:45	128.1	10.06.2024	15:00
Chandaka	138.0	07.04.2024	18:00	116.2	26.04.2024	14:30	138.16	12.05.2024	00:00	116.1	29.05.2024	14:30	137.58	02.06.2024	23:15	116.9	10.06.2024	14:30
Chandpur	138.3	07.04.2024	17:45	111.8	26.04.2024	14:15	139.31	13.05.2024	03:00	114.9	04.05.2024	12:45	138.39	02.06.2024	23:30	117.3	08.06.2024	14:45
Choudwar	142.1	19.04.2024	17:15	117.5	26.04.2024	14:30	140.93	12.05.2024	00:00	117.6	04.05.2024	14:45	140.64	02.06.2024	22:15	117.7	10.06.2024	14:45
Cuttack	139.0	07.04.2024	18:00	119.1	26.04.2024	14:30	141.91	12.05.2024	00:00	119.5	29.05.2024	14:30	141.33	02.06.2024	23:15	119.0	10.06.2024	15:00
Dhenkanal	139.7	07.04.2024	19:45	126.1	26.04.2024	14:30	137.75	06.05.2024	15:00	123.3	29.05.2024	14:30	137.58	30.06.2024	17:00	124.5	17.06.2024	16:45
Jagatsinghpur	137.2	07.04.2024	19:15	112.5	26.04.2024	14:30	138.73	12.05.2024	00:00	111.5	29.05.2024	14:30	136.83	02.06.2024	22:00	111.6	10.06.2024	14:30
Kalarangi	138.1	28.04.2024	17:45	127.5	26.04.2024	14:30	139.77	06.05.2024	16:15	126.8	29.05.2024	14:30	139.89	07.06.2024	17:30	127.7	10.06.2024	14:45
Kamakhyanagar	137.2	28.04.2024	17:45	127.6	26.04.2024	14:30	139.20	06.05.2024	16:15	126.7	29.05.2024	14:30	140.87	07.06.2024	16:45	127.2	18.06.2024	12:15
Kendrapada	136.6	28.04.2024	18:00	116.9	26.04.2024	23:00	139.02	06.05.2024	16:00	115.2	29.05.2024	22:45	140.23	02.06.2024	21:30	117.0	14.06.2024	22:45
Khajuriakata	140.1	07.04.2024	20:00	128.7	29.04.2024	15:15	138.79	01.05.2024	16:45	125.6	29.05.2024	14:30	138.21	30.06.2024	17:00	127.0	08.06.2024	15:15
KhuntuniGIS	139.8	07.04.2024	20:15	121.9	23.04.2024	15:15	139.58	10.05.2024	10:45	119.6	04.05.2024	15:15	138.91	02.06.2024	22:15	123.7	08.06.2024	15:15
Khurda	138.9	28.04.2024	18:15	119.6	26.04.2024	14:30	140.00	01.05.2024	17:00	119.7	29.05.2024	14:30	140.12	02.06.2024	23:30	119.1	08.06.2024	15:00
Konark	136.5	07.04.2024	19:00	115.1	26.04.2024	14:30	138.85	12.05.2024	00:45	111.7	29.05.2024	14:30	139.89	02.06.2024	23:30	112.1	08.06.2024	14:45
Mania	137.9	07.04.2024	05:45	113.7	26.04.2024	22:30	141.22	12.05.2024	00:00	116.9	04.05.2024	14:45	140.87	13.06.2024	21:00	116.9	10.06.2024	14:45
Marshaghai	137.0	28.04.2024	18:00	118.6	26.04.2024	23:15	139.68	14.05.2024	16:30	116.7	29.05.2024	14:30	140.58	02.06.2024	21:30	118.3	14.06.2024	23:00
Nimapara	136.5	07.04.2024	19:00	115.7	26.04.2024	14:30	138.79	12.05.2024	00:45	112.2	29.05.2024	14:30	139.60	02.06.2024	23:15	112.6	08.06.2024	14:45
Nuapatana	138.8	19.04.2024	17:15	118.1	26.04.2024	14:30	141.74	11.05.2024	23:45	120.5	29.05.2024	14:30	141.10	02.06.2024	23:15	117.0	08.06.2024	14:45
Olaver	137.5	28.04.2024	18:00	119.2	26.04.2024	23:00	138.24	06.05.2024	16:00	117.5	29.05.2024	14:30	140.05	18.06.2024	17:00	116.4	10.06.2024	14:45
Paradeep	136.0	28.04.2024	18:00	120.4	26.04.2024	23:00	137.87	14.05.2024	16:30	118.5	29.05.2024	14:30	139.14	02.06.2024	21:30	120.1	14.06.2024	23:00
Pattamundai	136.6	28.04.2024	17:45	116.9	26.04.2024	23:00	137.52	06.05.2024	16:00	115.5	29.05.2024	14:15	139.48	18.06.2024	16:45	116.2	10.06.2024	14:30
Phulnakhara	138.2	07.04.2024	17:45	118.2	26.04.2024	14:30	139.08	12.05.2024	00:00	117.6	29.05.2024	14:30	138.04	13.06.2024	21:00	118.6	10.06.2024	14:30
Puri	138.9	23.04.2024	06:30	111.2	30.04.2024	15:15	140.62	29.05.2024	17:30	113.6	04.05.2024	14:30	138.08	07.06.2024	06:30	119.0	05.06.2024	23:00
Ranasinghpur	138.3	07.04.2024	18:00	112.9	26.04.2024	14:30	139.66	12.05.2024	00:00	113.0	29.05.2024	14:30	138.27	02.06.2024	23:30	114.0	10.06.2024	14:30
Salipur	135.3	07.04.2024	20:00	113.6	26.04.2024	23:00	139.31	06.05.2024	16:00	111.9	29.05.2024	22:45	140.98	02.06.2024	22:15	113.8	14.06.2024	22:45
Samangara	136.9	07.04.2024	19:00	114.3	26.04.2024	14:30	139.39	12.05.2024	00:45	113.5	29.05.2024	14:30	137.30	30.06.2024	18:00	113.7	10.06.2024	14:45
Shamuka	137.4	24.04.2024	16:15	110.4	26.04.2024	14:30	140.52	12.05.2024	01:00	112.2	29.05.2024	14:30	141.33	02.06.2024	23:45	111.8	08.06.2024	14:45
Tirtol	137.4	28.04.2024	18:00	114.4	26.04.2024	11:30	139.32	06.05.2024	16:00	119.0	29.05.2024	14:30	141.04	02.06.2024	21:30	118.2	19.06.2024	13:45
Unit-8GIS	140.1	07.04.2024	18:00	121.2	26.04.2024	14:30	139.71	12.05.2024	00:00	121.8	30.05.2024	14:45	140.23	02.06.2024	22:30	120.2	08.06.2024	14:45

132KV VOLTAGE AT DIFFERENT GRID SUBSTATIONS

NESCO ZONE

SUBSTATIONS	Apr.24						Mai.24						Jun.24					
	MAXIMUM			MINIMUM			MAXIMUM			MINIMUM			MAXIMUM			MINIMUM		
	KV	DATE	TIME	KV	DATE	TIME	KV	DATE	TIME	KV	DATE	TIME	KV	DATE	TIME	KV	DATE	TIME
Agarpada	140.6	28.04.2024	17:00	116.3	06.04.2024	13:15	141.61	06.05.2024	16:30	120.8	30.05.2024	14:45	143.22	15.06.2024	21:15	116.4	10.06.2024	14:45
Anandpur	139.1	28.04.2024	17:00	123.0	19.04.2024	22:45	141.79	06.05.2024	16:15	123.8	24.05.2024	23:30	141.45	02.06.2024	17:45	115.8	10.06.2024	14:30
Balasore	141.8	28.04.2024	17:45	123.2	06.04.2024	14:30	142.31	06.05.2024	16:45	129.4	03.05.2024	23:15	144.49	15.06.2024	21:15	119.0	13.06.2024	15:00
Bangiriposi	138.0	09.04.2024	10:30	125.1	26.04.2024	14:15	140.87	09.05.2024	19:15	121.7	29.05.2024	14:30	140.29	15.06.2024	20:45	123.3	09.06.2024	23:15
Barbil	137.3	08.04.2024	06:00	129.1	26.04.2024	15:30	137.92	09.05.2024	17:45	122.4	28.05.2024	19:00	137.58	16.06.2024	05:45	127.4	13.06.2024	14:30
Baripada	136.7	28.04.2024	18:00	124.1	06.04.2024	14:45	139.82	09.05.2024	19:00	120.3	01.05.2024	22:45	140.34	06.06.2024	17:30	122.9	13.06.2024	15:00
Basta	139.0	28.04.2024	17:45	121.5	06.04.2024	14:30	142.95	20.05.2024	17:30	121.8	29.05.2024	14:30	143.35	15.06.2024	21:00	121.7	19.06.2024	14:45
Betanati	137.7	28.04.2024	18:00	124.3	06.04.2024	14:30	140.68	09.05.2024	19:15	122.3	29.05.2024	14:30	140.98	06.06.2024	17:00	123.7	13.06.2024	15:00
Bhadrak	140.8	28.04.2024	17:45	117.9	06.04.2024	13:15	144.62	12.05.2024	15:15	121.9	30.05.2024	14:45	142.54	15.06.2024	21:15	119.1	10.06.2024	14:30
Bhograi	137.6	28.04.2024	17:45	122.3	06.04.2024	14:30	142.11	20.05.2024	17:30	121.9	29.05.2024	14:30	141.78	06.06.2024	17:00	122.0	10.06.2024	12:45
Bolani	137.3	08.04.2024	06:00	128.8	26.04.2024	15:30	137.87	09.05.2024	17:45	122.2	28.05.2024	19:00	137.46	16.06.2024	06:00	127.4	13.06.2024	14:30
ChandabaliGIS	137.6	28.04.2024	18:00	119.8	26.04.2024	14:15	138.23	26.05.2024	14:00	118.3	29.05.2024	14:30	139.97	18.06.2024	17:00	116.2	10.06.2024	14:45
Chandikhol	138.6	07.04.2024	20:00	114.1	26.04.2024	23:00	145.60	14.05.2024	16:30	112.2	29.05.2024	14:30	138.88	14.06.2024	02:00	118.2	08.06.2024	14:45
Dhenkikote	135.8	09.04.2024	10:30	116.9	25.04.2024	22:45	140.87	09.05.2024	19:00	113.6	29.05.2024	14:30	139.48	15.06.2024	20:45	114.2	09.06.2024	23:15
DuburiO	139.4	28.04.2024	18:00	127.5	26.04.2024	14:30	141.33	06.05.2024	16:15	127.2	29.05.2024	14:30	141.39	07.06.2024	17:30	127.6	10.06.2024	14:45
JaipurRoad	139.3	28.04.2024	17:00	126.1	26.04.2024	14:30	141.91	06.05.2024	16:15	126.4	29.05.2024	14:30	141.79	07.06.2024	17:30	126.5	10.06.2024	14:45
JaipurTown	140.3	28.04.2024	17:45	113.7	06.04.2024	13:15	144.04	12.05.2024	15:15	116.7	30.05.2024	14:45	142.95	15.06.2024	21:15	113.5	10.06.2024	14:30
Jaleswar	137.7	28.04.2024	17:45	121.2	06.04.2024	14:30	141.85	20.05.2024	17:30	121.2	29.05.2024	14:30	141.56	06.06.2024	17:00	121.1	10.06.2024	12:45
Joda	136.8	08.04.2024	06:00	128.9	26.04.2024	15:30	137.29	09.05.2024	17:15	122.6	28.05.2024	19:00	137.17	16.06.2024	05:45	127.5	13.06.2024	14:30
Karanja	136.3	09.04.2024	10:30	117.8	25.04.2024	23:00	141.10	09.05.2024	19:15	114.7	29.05.2024	14:30	139.31	15.06.2024	20:45	115.1	09.06.2024	23:15
Polasponga	135.9	08.04.2024	22:00	123.5	26.04.2024	15:30	137.52	12.05.2024	18:00	119.4	28.05.2024	19:00	137.29	24.06.2024	04:45	122.3	13.06.2024	14:30
Rairangpur	140.8	19.04.2024	07:15	122.4	05.04.2024	14:45	143.10	20.05.2024	17:45	117.0	29.05.2024	14:30	138.44	15.06.2024	20:45	117.6	09.06.2024	23:15
Somnathpur	141.2	28.04.2024	17:45	122.8	06.04.2024	14:30	142.95	20.05.2024	17:30	122.6	28.05.2024	14:45	145.31	15.06.2024	21:15	122.2	19.06.2024	14:45
Soro	139.8	28.04.2024	17:00	115.7	06.04.2024	13:15	141.50	20.05.2024	17:30	109.0	29.05.2024	14:45	143.35	15.06.2024	21:15	113.6	13.06.2024	12:30
Udala	140.5	28.04.2024	17:45	123.5	06.04.2024	14:30	143.11	20.05.2024	17:30	121.4	28.05.2024	14:45	146.63	15.06.2024	21:15	120.6	19.06.2024	14:45

SOUTHCO ZONE

SUBSTATIONS	Apr.24						Mai.24						Jun.24					
	MAXIMUM			MINIMUM			MAXIMUM			MINIMUM			MAXIMUM			MINIMUM		
	KV	DATE	TIME	KV	DATE	TIME	KV	DATE	TIME	KV	DATE	TIME	KV	DATE	TIME	KV	DATE	TIME
Akhusingh	137.9	07.04.2024	17:45	114.2	26.04.2024	14:15	149.34	20.05.2024	18:00	119.4	06.05.2024	12:30	147.30	01.06.2024	01:15	123.8	06.06.2024	21:45
Aska	140.8	07.04.2024	17:45	123.4	26.04.2024	14:15	141.68	13.05.2024	02:45	123.0	29.05.2024	14:30	140.70	14.06.2024	02:00	120.3	08.06.2024	14:45
Berhampur	141.4	07.04.2024	17:45	122.1	26.04.2024	14:15	143.33	13.05.2024	03:00	122.0	29.05.2024	14:30	142.25	14.06.2024	02:00	118.8	10.06.2024	15:15
Bhanjanagar	139.9	07.04.2024	17:45	124.8	26.04.2024	14:15	140.47	13.05.2024	03:00	124.0	29.05.2024	14:30	139.89	14.06.2024	02:00	121.9	08.06.2024	14:45
Boudh	142.9	20.04.2024	17:45	113.4	06.04.2024	16:45	143.43	07.05.2024	06:00	117.5	03.05.2024	15:30	141.24	04.06.2024	23:00	118.0	19.06.2024	16:15
Chatrapur	141.6	07.04.2024	17:30	122.0	26.04.2024	14:15	143.18	06.05.2024	15:30	122.3	29.05.2024	14:30	142.14	14.06.2024	02:00	119.6	08.06.2024	14:45
Chikiti	141.6	07.04.2024	17:45	122.0	26.04.2024	14:15	142.54	13.05.2024	03:00	121.5	29.05.2024	14:30	141.45	14.06.2024	02:00	119.0	08.06.2024	14:45
Dabugaon	131.9	20.04.2024	18:15	120.2	03.04.2024	10:30	136.92	07.05.2024	05:00	122.1	03.05.2024	15:00	133.76	22.06.2024	05:45	122.9	01.06.2024	15:15
Digapahandi	143.5	07.04.2024	17:45	124.2	26.04.2024	14:15	144.80	13.05.2024	03:00	123.7	29.05.2024	14:30	143.76	14.06.2024	02:00	121.1	08.06.2024	14:45
Ganjam	141.1	07.04.2024	17:45	121.3	26.04.2024	14:15	142.84	06.05.2024	15:30	121.8	29.05.2024	14:30	141.66	14.06.2024	02:00	118.7	08.06.2024	14:45
Jayanagar	138.0	22.04.2024	19:15	131.3	16.04.2024	12:45	141.56	07.05.2024	05:15	131.7	30.05.2024	14:30	138.56	22.06.2024	05:45	132.0	04.06.2024	12:45
Mohana	144.6	07.04.2024	17:45	114.1	26.04.2024	14:15	148.93	06.05.2024	16:30	123.0	29.05.2024	14:30	146.83	11.06.2024	18:45	127.1	06.06.2024	14:30
Narendrapur	145.5	07.04.2024	17:30	125.9	26.04.2024	14:15	147.86	06.05.2024	15:30	125.9	29.05.2024	14:30	146.87	14.06.2024	02:00	123.0	08.06.2024	14:45
Paralakhemendi	133.4	24.04.2024	16:30	109.5	26.04.2024	14:15	135.27	06.05.2024	17:00	115.2	06.05.2024	12:15	134.92	02.06.2024	23:15	109.3	08.06.2024	14:45
Phulbani	139.3	12.04.2024	02:45	121.4	26.04.2024	14:15	141.38	03.05.2024	03:00	121.0	28.05.2024	12:30	141.84	02.06.2024	21:45	116.1	08.06.2024	14:45
Podagada	143.2	15.04.2024	03:00	125.8	30.04.2024	15:00	145.65	07.05.2024	06:45	126.2	02.05.2024	15:15	143.80	01.06.2024	01:15	127.0	24.06.2024	11:15
Potangi	143.3	15.04.2024	03:00	128.6	26.04.2024	11:00	140.87	07.05.2024	05:15	129.2	31.05.2024	11:00	142.81	27.06.2024	18:00	130.8	11.06.2024	14:45
Purushottampur	139.9	07.04.2024	17:45	120.2	26.04.2024	14:15	141.98	13.05.2024	03:00	119.5	29.05.2024	14:30	141.03	14.06.2024	02:00	117.3	08.06.2024	14:45
Rayagada	144.7	21.04.2024	16:00	124.5	30.04.2024	15:00	145.60	10.05.2024	17:00	125.3	02.05.2024	15:15	146.99	02.06.2024	19:30	130.2	11.06.2024	14:45
Sunabeda	135.0	14.04.2024	02:45	127.3	26.04.2024	11:00	140.48	07.05.2024	05:15	126.9	30.05.2024	12:45	136.80	01.06.2024	17:30	128.1	04.06.2024	12:45
Tentulikhunti	136.4	20.04.2024	17:45	125.3	19.04.2024	12:45	141.33	07.05.2024	05:15	129.4	30.05.2024	14:45	137.58	22.06.2024	05:45	129.6	17.06.2024	23:30
Therubali	139.3	22.04.2024	08:00	130.8	05.04.2024	12:45	141.91	07.05.2024	05:15	130.8	29.05.2024	23:15	142.89	06.06.2024	18:45	128.9	13.06.2024	14:45
Umerkote	138.9	27.04.2024	04:00	118.3	03.04.2024	14:30	145.21	07.05.2024	05:15	125.2	09.05.2024	07:00	139.76	22.06.2024	05:00	126.0	11.06.2024	12:15

132KV VOLTAGE AT DIFFERENT GRID SUBSTATIONS

WESCO ZONE

SUBSTATIONS	Apr.24						Mai.24						Jun.24					
	MAXIMUM			MINIMUM			MAXIMUM			MINIMUM			MAXIMUM			MINIMUM		
	KV	DATE	TIME	KV	DATE	TIME	KV	DATE	TIME	KV	DATE	TIME	KV	DATE	TIME	KV	DATE	TIME
Barapalli	139.9	09.04.2024	01:00	112.5	06.04.2024	16:00	138.79	20.05.2024	22:15	115.7	28.05.2024	11:45	139.37	16.06.2024	03:15	117.6	14.06.2024	10:30
Bargarh	137.1	09.04.2024	01:00	119.2	04.04.2024	14:45	141.50	23.05.2024	19:30	111.6	28.05.2024	11:45	138.27	16.06.2024	02:45	114.0	14.06.2024	10:30
Bhawanipatna	143.2	21.04.2024	19:30	114.5	06.04.2024	16:15	146.31	07.05.2024	06:00	111.7	24.05.2024	12:30	143.28	02.06.2024	16:45	120.9	19.06.2024	11:15
Bolangir	142.4	09.04.2024	04:30	120.0	06.04.2024	16:15	142.77	21.05.2024	21:45	124.1	28.05.2024	11:45	140.35	01.06.2024	19:15	124.0	06.06.2024	16:45
Brajarajnagar	139.4	09.04.2024	06:00	131.0	29.04.2024	11:00	139.16	07.05.2024	18:15	133.0	30.05.2024	16:00	140.59	16.06.2024	04:00	131.9	05.06.2024	15:45
Budhipadar	136.9	12.04.2024	02:45	130.8	04.04.2024	15:15	136.54	07.05.2024	18:00	132.3	30.05.2024	15:45	138.04	16.06.2024	03:45	130.7	05.06.2024	15:30
Chend	135.1	12.04.2024	04:15	127.0	26.04.2024	14:15	136.19	07.05.2024	18:00	126.0	21.05.2024	12:30	136.02	20.06.2024	17:45	127.1	05.06.2024	14:45
ChipilimaP.H.	132.4	01.04.2024	04:00	130.2	01.04.2024	08:45	137.34	20.05.2024	22:00	127.1	02.05.2024	15:15	138.91	16.06.2024	03:15	126.9	14.06.2024	16:00
Ghens	140.3	09.04.2024	01:00	117.5	06.04.2024	13:00	141.68	23.05.2024	19:30	114.9	28.05.2024	11:45	139.37	16.06.2024	03:15	116.9	14.06.2024	10:30
Jharsuguda	136.9	12.04.2024	02:30	129.6	26.04.2024	14:45	136.48	07.05.2024	18:15	131.8	02.05.2024	18:30	138.04	16.06.2024	04:00	130.5	05.06.2024	15:45
Jayapatna	136.0	02.04.2024	11:45	128.9	03.04.2024	14:30	139.02	07.05.2024	05:15	129.1	30.05.2024	14:45	136.65	22.06.2024	06:00	128.4	11.06.2024	14:45
Junagarah	141.0	21.04.2024	19:30	113.6	06.04.2024	16:15	142.95	07.05.2024	05:45	119.8	22.05.2024	12:45	139.95	02.06.2024	16:45	120.9	19.06.2024	11:15
Kalunga	135.7	12.04.2024	01:30	119.2	03.04.2024	12:45	137.39	31.05.2024	00:00	118.8	30.05.2024	09:30	140.30	01.06.2024	22:00	116.9	05.06.2024	15:45
Kantabanji	143.1	11.04.2024	03:30	116.1	06.04.2024	16:15	145.46	07.05.2024	04:45	115.4	08.05.2024	16:15	143.99	11.06.2024	17:45	118.6	25.06.2024	16:15
Katapali	137.4	12.04.2024	02:30	128.9	05.04.2024	15:15	139.37	23.05.2024	19:15	130.0	02.05.2024	15:15	139.20	16.06.2024	03:15	129.1	14.06.2024	16:15
Kesinga	140.1	21.04.2024	20:30	114.7	06.04.2024	16:15	141.56	07.05.2024	06:00	119.6	22.05.2024	12:45	139.08	02.06.2024	16:45	122.8	06.06.2024	16:45
Khariar	149.9	21.04.2024	18:30	113.4	06.04.2024	16:15	147.98	07.05.2024	04:45	122.8	02.05.2024	17:15	146.60	01.06.2024	18:30	121.0	17.06.2024	16:00
Kuchinda	135.1	09.04.2024	05:30	124.0	25.04.2024	12:30	136.03	12.05.2024	22:00	124.4	21.05.2024	15:30	137.70	16.06.2024	03:30	121.0	05.06.2024	15:15
Lapanga	137.1	12.04.2024	02:30	130.8	05.04.2024	15:15	137.00	20.05.2024	22:00	132.0	21.05.2024	15:00	138.39	16.06.2024	03:30	131.6	05.06.2024	15:45
Maneswar	136.2	12.04.2024	02:30	126.1	05.04.2024	15:15	137.48	13.05.2024	10:00	126.7	02.05.2024	15:15	137.98	16.06.2024	18:30	125.1	19.06.2024	15:15
Nuapada	132.7	01.04.2024	09:45	123.5	01.04.2024	06:15	150.31	21.05.2024	21:45	119.0	07.05.2024	16:45	143.83	01.06.2024	19:15	115.4	19.06.2024	17:15
Padampur	151.7	09.04.2024	03:45	110.8	25.04.2024	09:30	146.85	21.05.2024	21:45	118.6	02.05.2024	17:15	142.07	01.06.2024	19:15	117.1	19.06.2024	16:15
Patnagarh	141.7	09.04.2024	04:30	114.2	19.04.2024	16:30	142.77	21.05.2024	21:45	120.5	02.05.2024	17:15	139.95	01.06.2024	19:15	120.5	19.06.2024	16:15
Rairakhol	139.6	07.04.2024	20:00	123.3	20.04.2024	12:45	139.14	20.05.2024	21:45	122.7	02.05.2024	15:15	140.93	20.06.2024	18:30	122.9	10.06.2024	16:15
Rajgangpur	136.1	12.04.2024	02:30	127.4	26.04.2024	14:15	137.46	31.05.2024	00:00	119.0	21.05.2024	15:15	138.44	16.06.2024	08:00	127.0	05.06.2024	14:45
Rourkela	135.8	12.04.2024	02:30	127.7	26.04.2024	14:15	137.00	07.05.2024	18:00	127.0	21.05.2024	12:30	136.94	20.06.2024	17:45	128.1	05.06.2024	14:45
Sadeipali	141.8	09.04.2024	04:30	119.6	06.04.2024	16:15	145.31	21.05.2024	21:45	126.0	28.05.2024	11:45	142.83	01.06.2024	19:15	125.6	19.06.2024	11:45
Sambalpur	136.8	12.04.2024	02:30	127.5	05.04.2024	15:15	137.41	20.05.2024	22:00	128.5	02.05.2024	15:15	138.16	02.06.2024	19:45	125.6	12.06.2024	10:45
Sonepur	139.9	09.04.2024	05:00	112.0	06.04.2024	16:45	140.23	07.05.2024	06:00	115.6	03.05.2024	15:30	137.87	04.06.2024	22:00	116.4	19.06.2024	16:15
Sundargarah	137.8	12.04.2024	02:30	131.4	04.04.2024	15:15	137.52	07.05.2024	18:00	132.5	30.05.2024	16:00	138.79	16.06.2024	04:00	131.0	05.06.2024	15:30
Tusura	139.5	09.04.2024	05:15	115.5	06.04.2024	16:15	140.43	21.05.2024	21:45	122.0	27.05.2024	17:00	140.32	02.06.2024	16:45	121.7	06.06.2024	16:45

400KV VOLTAGE AT DIFFERENT GRID SUBSTATIONS

SUBSTATIONS	Apr.24						Mai.24						Jun.24					
	MAXIMUM			MINIMUM			MAXIMUM			MINIMUM			MAXIMUM			MINIMUM		
	KV	DATE	TIME	KV	DATE	TIME	KV	DATE	TIME	KV	DATE	TIME	KV	DATE	TIME	KV	DATE	TIME
Duburi Old	415.0	07.04.2024	05:45	390.1	26.04.2024	14:30	416.6	24.05.2024	05:30	381.6	29.05.2024	14:30	417.0	07.06.2024	17:30	380.6	03.06.2024	14:45
Lapanga	410.5	28.04.2024	08:00	401.0	05.04.2024	15:15	414.8	23.05.2024	20:00	403.6	02.05.2024	14:45	414.9	30.06.2024	13:30	408.3	05.06.2024	15:15
Mendhasal	414.6	07.04.2024	18:00	376.4	26.04.2024	14:30	414.1	06.05.2024	15:30	373.1	29.05.2024	14:30	414.6	07.06.2024	17:30	372.7	08.06.2024	14:45
Meramundali	413.7	28.04.2024	08:00	391.9	26.04.2024	14:30	413.7	01.05.2024	06:00	387.9	29.05.2024	14:30	414.2	07.06.2024	17:30	393.2	10.06.2024	14:45

220KV VOLTAGE AT DIFFERENT GRID SUBSTATIONS

SUBSTATIONS	Apr.24						Mai.24						Jun.24					
	MAXIMUM			MINIMUM			MAXIMUM			MINIMUM			MAXIMUM			MINIMUM		
	KV	DATE	TIME	KV	DATE	TIME	KV	DATE	TIME	KV	DATE	TIME	KV	DATE	TIME	KV	DATE	TIME
Askan	234.9	07.04.2024	18:15	214.9	30.04.2024	15:30	234.3	13.05.2024	03:00	207.6	29.05.2024	14:30	232.6	14.06.2024	02:00	202.7	08.06.2024	14:45
Atri	231.2	07.04.2024	18:00	203.5	29.04.2024	14:30	229.4	12.05.2024	00:00	202.1	29.05.2024	14:15	228.5	02.06.2024	23:30	204.7	07.06.2024	14:30
Balasore	228.6	28.04.2024	17:45	206.7	06.04.2024	14:30	230.2	20.05.2024	17:30	206.9	21.05.2024	22:45	NOT AVAILABLE					
Balimela	241.1	22.04.2024	19:15	229.3	16.04.2024	15:45	242.3	07.05.2024	05:15	229.1	30.05.2024	14:30	241.3	20.06.2024	18:45	229.8	05.06.2024	12:45
Barkote	232.3	07.04.2024	05:30	222.3	06.04.2024	15:15	234.0	21.05.2024	18:00	218.3	29.05.2024	14:30	230.8	11.06.2024	18:15	220.8	05.06.2024	14:30
Bargarh	226.0	11.04.2024	04:30	200.0	03.04.2024	15:15	233.5	23.05.2024	19:30	204.6	02.05.2024	15:15	232.5	16.06.2024	03:15	201.1	14.06.2024	10:30
Bhadrak	229.1	28.04.2024	17:45	204.8	25.04.2024	22:45	233.1	12.05.2024	15:15	201.3	30.05.2024	14:45	231.0	15.06.2024	21:15	202.9	17.06.2024	22:45
Bhanjanagar	233.8	07.04.2024	18:15	210.1	26.04.2024	14:15	233.5	06.05.2024	15:30	208.1	29.05.2024	14:30	231.7	14.06.2024	02:00	204.2	08.06.2024	14:45
Bidanasi	232.2	07.04.2024	18:00	204.1	29.04.2024	14:30	233.5	11.05.2024	23:45	202.7	29.05.2024	15:15	232.9	02.06.2024	23:15	202.7	13.06.2024	14:45
BolangirN	232.2	09.04.2024	04:30	204.3	06.04.2024	16:00	231.6	21.05.2024	21:45	206.0	08.05.2024	08:45	233.2	02.06.2024	17:00	210.7	19.06.2024	11:45
Budhipadar	230.2	11.04.2024	21:45	220.4	02.04.2024	14:45	230.6	23.05.2024	19:30	224.9	02.05.2024	15:30	232.0	16.06.2024	03:45	223.3	05.06.2024	07:30
Chandaka	230.4	07.04.2024	18:00	201.7	30.04.2024	15:30	226.5	11.05.2024	23:45	200.3	04.05.2024	14:15	225.2	02.06.2024	23:15	199.5	07.06.2024	14:30
Cuttack	228.4	07.04.2024	18:00	201.1	19.04.2024	13:45	230.3	12.05.2024	00:00	200.2	30.05.2024	14:45	229.3	02.06.2024	23:15	201.5	07.06.2024	14:30
Duburi Old	227.4	28.04.2024	17:45	209.3	26.04.2024	14:30	229.4	06.05.2024	16:15	206.2	29.05.2024	14:30	227.9	07.06.2024	17:30	208.3	10.06.2024	14:30
Duburi New	229.5	28.04.2024	17:45	211.1	26.04.2024	14:30	231.7	06.05.2024	16:15	209.4	29.05.2024	14:30	230.5	07.06.2024	17:30	211.1	09.06.2024	23:15
Infocity-II GIS	231.7	07.04.2024	18:00	204.4	30.04.2024	15:15	230.9	11.05.2024	23:45	203.3	29.05.2024	15:15	230.3	02.06.2024	23:30	203.9	13.06.2024	14:45
Jayanagar	236.5	22.04.2024	19:15	225.9	16.04.2024	12:45	240.9	07.05.2024	05:15	225.8	31.05.2024	14:15	236.4	29.06.2024	12:45	226.0	04.06.2024	14:45
Joda	228.3	11.04.2024	04:30	214.4	04.04.2024	14:45	230.3	23.05.2024	19:15	217.0	02.05.2024	15:15	231.0	16.06.2024	03:15	217.5	14.06.2024	16:15
Katapalli	228.3	11.04.2024	04:30	214.4	04.04.2024	14:45	230.2	23.05.2024	19:15	217.0	02.05.2024	15:15	231.1	16.06.2024	03:15	217.5	14.06.2024	16:15
KeonjharGIS	223.3	28.04.2024	17:45	212.1	09.04.2024	18:30	223.4	20.05.2024	17:30	209.1	29.05.2024	14:30	227.4	12.06.2024	05:45	212.6	06.06.2024	14:30
Lapanga	231.6	09.04.2024	05:00	223.3	04.04.2024	15:15	232.6	23.05.2024	19:30	224.9	21.05.2024	16:15	234.5	01.06.2024	20:15	227.0	05.06.2024	07:30
Laxmipur	236.1	22.04.2024	19:15	225.6	26.04.2024	14:30	240.4	07.05.2024	05:15	223.9	30.05.2024	13:30	238.9	06.06.2024	18:45	223.0	17.06.2024	23:30
Malkangiri	241.7	22.04.2024	19:15	229.8	16.04.2024	15:45	243.2	07.05.2024	05:15	229.6	30.05.2024	14:30	241.9	20.06.2024	18:45	230.4	05.06.2024	12:45
Mendhasal	230.3	12.04.2024	03:00	209.1	30.04.2024	15:30	230.6	06.05.2024	15:30	205.3	28.05.2024	15:15	231.3	02.06.2024	23:15	206.9	07.06.2024	14:30
Meramundali	226.4	10.04.2024	03:30	216.5	26.04.2024	14:30	228.4	09.05.2024	08:15	214.7	29.05.2024	14:30	228.2	30.06.2024	17:00	216.5	10.06.2024	15:00
Narsinghpur	224.9	07.04.2024	18:00	211.5	30.04.2024	15:30	224.0	13.05.2024	02:45	205.4	29.05.2024	14:30	223.7	30.06.2024	17:00	205.6	08.06.2024	14:45
Narendrapur	233.6	07.04.2024	18:00	205.9	27.04.2024	15:15	231.2	13.05.2024	03:30	202.0	29.05.2024	14:30	227.8	29.06.2024	05:30	204.0	07.06.2024	14:30
Nayagarh	230.5	07.04.2024	18:15	207.0	25.04.2024	23:00	238.0	06.05.2024	14:45	200.3	28.05.2024	12:45	231.6	04.06.2024	17:45	200.7	23.06.2024	23:15
Paradeep	224.1	01.04.2024	05:45	202.6	18.04.2024	23:15	228.5	06.05.2024	16:15	201.4	18.05.2024	23:15	227.9	07.06.2024	17:30	200.7	09.06.2024	23:15
Tarkera	229.7	08.04.2024	07:45	220.1	26.04.2024	13:30	230.1	07.05.2024	18:00	219.1	29.05.2024	14:30	229.8	21.06.2024	18:00	219.8	09.06.2024	15:15
Theruvali	235.0	07.04.2024	17:45	221.9	16.04.2024	15:15	238.6	07.05.2024	05:15	220.8	29.05.2024	23:15	240.2	06.06.2024	18:45	218.2	17.06.2024	23:45
Rengali	227.4	28.04.2024	08:00	219.8	06.04.2024	15:00	228.8	21.05.2024	17:45	215.3	29.05.2024	14:30	227.2	16.06.2024	08:00	218.1	08.06.2024	14:45

Percentage of time voltage in the Quarter was beyond levels permitted under CEA (Grid Standards) Regulations, 2010.

Name of the Grid Sub-station	Hours in the Quarter	400 kV				220 kV				132 kV				Maximum continuous period of deviation : with date and time*		Reasons for such deviation*	Tap position in concerned transformer during extreme condition.	
		Hours in the Quarter voltage went beyond 420 kV	%	Hours in the Quarter voltage went below 380 kV	%	Hours in the Quarter voltage went beyond 245 kV	%	Hours in the Quarter voltage went below 198 kV	%	Hours in the Quarter voltage went beyond 145 kV	%	Hours in the Quarter voltage went below 122 kV	%	220 kV	132 kV		Auto Transformer	Power Transformer
1	2	3	4	5	6	3	4	5	6	7	8	9	10	11	12	13	14	15
Balasore		0	0	0	0	0	0	0	0	0	0	0	0					
Bhanjanagar		0	0	0	0	0	0	0	0	0	0	0.25	1E-04					
Bidanasi		0	0	0	0	0	0	0	0	0	0	10.75	0.005					
Bolangir New		0	0	0	0	0	0	0	0	0	0	2.5	0.001					
Budhipadar		0	0	0	0	0	0	0	0	0	0	0	0					
Chandaka		0	0	0	0	0	0	13	0.006	0	0	44.25	0.02					
Cuttack		0	0	0	0	0	0	5	0.002	0	0	10	0.005					
Duburi New		0	0	0	0	0	0	0	0	0	0	0	0					
Jayanagar		0	0	0	0	0	0	0	0	0	0	0	0					
Joda		0	0	0	0	0	0	0	0	0	0	0	0					
Mendhasal		0	0	4.25	0.0019	0	0	0	0	0	0	0	0					
Meramundali		0	0	0	0	0	0	0	0	0	0	0	0					
Narendrapur		0	0	0	0	0	0	0.25	1E-04	4.75	0.0022	0	0					
Tarkera		0	0	0	0	0	0	0	0	0	0	0	0					
Theruvali		0	0	0	0	0	0	0	0	0	0	0	0					

*Data relates to those Sub-stations where analog instrument facilities are available.

**Specific reasons, if any, may be mentioned.

Data for the above sub-stations could not be furnished for want of analog facilities.

GENERATION CAPACITY

SL.NO.	NAME OF POWER STATION	INSTALLED CAPACITY IN MW	FIRM POWER IN MW
1	O.H.P.C.		
	HIRAKUD POWER STATION		
	(a)BURLA	2 x 49.5 = 99	134
		2 x 32 = 64	
		1 x 37.5 = 37.5	
		2 x 43.65 = 87.3	
	(b)CHIPLIMA	3 x 24 = 72	
	BALIMELA POWER HOUSE	6 x 60+2 x 75 = 510	135
	RENGALI POWER HOUSE	5 x 50 = 250	60
	UPPER KOLAB POWER HOUSE	4 x 80 = 320	95
	INDRAVATI POWER HOUSE	4 x 150 = 600	224
	MACHHKUND POWER HOUSE 20% extra)	3 x 17 = 51 3 x 23 = 69	60
	TOTAL HYDRO , (A)	2099.8	
2	O.P.G.C.		
	IB TPS STAGE-I	2 x 210 = 420	342.09
	IB TPS STAGE-II	2 X 660 = 1320	680
	TOTAL THERMAL , (B)	1740	

IPP CAPACITY

SL.NO.	NAME OF POWER STATION	INSTALLED CAPACITY IN MW	SHARE OF		AUX.	% AGE
			SHARE IN %	MW		
1	STERLITE	1 X 600 = 600	100	600		
2	GMR	3 X 350 = 1050	25	262.5		
3	NBVL IPP	1 X 60 = 60	12	7.2		
4	JITPL	2 X 600 = 1200	12	144		
	TOTAL IPP , (C)			1013.7		

RENEWABLE CAPACITY

SL.NO.	NAME OF POWER STATION	INSTALLED CAPACITY IN MW
1	SMALL HYDRO	115.6
2	BIOMASS	59.2
3	SOLAR	409.2
	TOTAL IPP , (D)	584

CENTRAL SECTOR GENERATION

SL.NO.	NAME OF POWER STATION	INSTALLED CAPACITY IN MW	SHARE OF		AUX.	% AGE
			SHARE IN %	MW		
1	CHUKHA (BHUTAN)	4 x 84 = 336 (270MW considered for calculating share)	14.613	39.454		85
2	TALA (BHUTAN)	6 x 170 = 1020	4.25	43.35		
3	FARAKKA (WEST BENGAL)	3 x 200 = 600	1.76	28.18		
		2 x 500 = 1000				
		1 x 500 = 500	18.65	93.25	7.5	85
4	KAHALGAON (BIHAR)	4 x 210 = 840	1.64	13.74	9	
		3 x 500 = 1500	3.38	50.73	9	62.11
5	TSTPP, KANIHA (ORISSA)	2 x 500 = 1000	33.43	334.27	7.5	85
		4 x 500 = 2000	10	200	7.5	
6	TEETSA	3 x 170 = 510	22.424	114.36		85
7	MANGDECHU HEP	4 X 180 = 720	10.797	77.736		
8	KBUNL (Mujafarpur)	2 X 195 = 390	8.852	34.521		
9	DARLIPALI STPS	2 X 800 = 1600	51.818	829.082		
10	BARH	2 x 660 = 1320	12.2	161		
		2 x 660 = 1320	1.7	23		
11	RANGEET(SIKKIM)	3 x 20 = 60	1.834	1.1		
12	NPGC (BIHAR)	3 X 660 = 1980	0.789	15.618		
13	NORTH KARANPURA	2 X 660 = 1320	21.834	288.028		
14	KURICHU	1 X 60 = 60	1.018	0.611		
	Total ISGS			2348.03		

FORMAT-D.2

MONTHLY NET GENERATION / EXCHANGE / DEMAND DATA IN MU

CONSTITUENTS	Apr.24	Mai.24	Jun.24
BURLA	18.380	39.303	36.032
CHIJLIMA	13.952	23.988	15.088
BALIMELA	84.842	104.164	135.034
RENGALI	40.245	65.983	48.852
U.KOLAB	72.662	47.537	30.477
INDRAVATI	174.170	53.039	68.461
O.H.P.C	404.250	334.014	333.945
MACHHAKUND(O/D)	6.694	9.013	10.377
TOTAL STATE HYDRO	410.944	343.027	344.322
OPGC(UNIT 1& 2)	117.414	240.751	222.869
OPGC(UNIT 1& 2) SHP (Biribati & Kendupatana)	0.000	0.000	0.000
OPGC(UNIT 3 & 4)	821.025	779.640	781.010
OPGC(UNIT 3 & 4) UI	0.000	2.591	1.914
IPP-GMR	132.967	170.943	174.122
GMR(UI)	0.000	-0.218	-0.070
IPP-Vedanta Ltd	325.662	271.723	228.649
NAVA LTD.	4.320	4.464	4.266
JITPL (IPP)	41.665	81.892	83.412
IBUIL LTD.	19.450	22.363	5.033
TOTAL THERMAL	1462.502	1574.149	1501.207
IMFA	0.964	0.872	0.966
NALCO	1.068	1.148	0.083
OTHER CGPs	38.776	40.426	31.852
TOTAL-CPPs	40.809	42.446	32.901
Meenakshi	7.873	11.268	11.923
Samal HEP	7.403	10.370	9.498
M/S BPPPL	0.384	0.000	0.667
Ms APPPL	0.072	0.593	0.593
Kakatiya	3.184	0.971	0.000
Total Small Hydro	18.916	23.202	22.682
Solar Power under RPSSGP Scheme	0.873	0.915	0.785
Alex Green Energy	0.720	0.783	0.668
ACME Solar	4.058	4.588	3.882
SECI (VGF Scheme Ph-II,Batch-I-GEDCOL)	2.336	2.472	2.150
SECI (GEDCOL) MANAMUNDA	0.273	0.284	0.214
SECI (GEDCOL) MAKHIGUDA	0.130	0.130	0.111
SECI (GEDCOL) JAYANAGAR	0.028	0.000	0.000
SECI (GEDCOL) BARIPADA	0.132	0.126	0.120
SECI (GEDCOL) BOLANGIR	0.277	0.292	0.257
SECI (VGF Scheme Ph-II,Batch-IV)	40.123	43.989	37.190
Aditya Birla Pvt. Ltd.-1	4.628	5.089	4.473
Aditya Birla Pvt. Ltd.-2	4.293	4.931	4.174
Aditya Birla Pvt. Ltd.-3	4.362	4.929	4.353
NVVNL Bundle Power (Solar) Aftab	0.817	0.894	0.000
Total State Solar	63.051	69.422	58.377
Biomass-JPIPL	7.565	8.076	4.810
Total Odisha	2003.787	2060.322	1964.298
SECI (VGF Scheme Ph-II,Batch-I-Ralasthan & Gulrat (including OA charges)	9.706	9.355	8.027
Dadri Solar Bundle Power	0.664	0.700	0.625
Faridabad Solar Bundle Power	0.552	0.565	0.598
NVVNL Bundle Power(Solar)	1.981	2.197	3.019
SECI (AZURE POWER PVT. LTD.) 300 MW	62.491	67.166	62.993
SECI (AZURE POWER PVT. LTD.) 200 MW	42.465	45.364	43.526
Total Central Solar	117.858	125.346	118.788
PTC-Ostro	12.414	16.572	15.403
SECI-Green Infra	23.540	33.351	31.451
Vivid Solire	11.731	20.559	32.429
Renew Wind Energy	9.087	12.179	11.758
Adani Wind Energy	10.342	15.158	15.158
Total Central Wind	67.114	97.819	106.198
TOTAL Central Thermal	1192.781	1069.970	987.203
TOTAL Central Hydro	0.281	6.050	47.475
Central Sector Over drawal	28.050	38.610	30.100
EREB IMPORT	1653.879	1723.351	1603.684
EREB EXPORT	41.050	39.370	45.182
NET EREB	1612.829	1683.981	1558.502
Banking Power(Import)	102.339	192.465	146.451
TRADING(PXIL+IEX+Bilateral) (Import)	145.455	193.091	167.469
OTHER SALE(Including Nalco+Imfa)	40.730	50.300	50.980
TRADING(PXIL+IEX+Bilateral) (Export) (Excl. T	41.861	35.126	41.472
Banking Power(Export)	0.000	0.000	0.000
SYSTEM DEMAND	3574.755	3709.177	3481.328

* Monthly Pool Account is yet to be finalised.
(April-June)

GRIDCO DRAWAL FROM DIFFERENT SOURCES FOR THE PERIOD (April-June'24)

Sl. No	Source of Power	Drawal in MU	Total Cost in Crore(Rs.)	Avg. Cost in P/U
1	TOTAL HYDRO	1098.293	130.158	118.51
2	OPGC	2967.215	1004.582	338.56
3	TTPS			
4	ISGS	4855.311	1690.594	348.19
5	CPPs	116.156		0.00
6	IPPs	1570.643	441.378	281.02
7	Non-conventional(State)	276.100	125.201	453.46
	TOTAL	10883.718	3391.913	311.65

TRADING+IEX+Banking Power+OA
Net Purchase

118.459

10765.259

FIGURES ARE PROVISIONAL & SUBJECTED TO CHANGE.

NOTE: Total Cost of TTPS includes cost against year end adjustment as reported by GRIDCO Ltd.

CAPACITY ADDITION OF GRID SUB-STATIONS

SI. NO.	NAME OF THE SUB-STATION	CAPACITY AS ON 31.03.24 IN MVA	PROGRESSIVE IN MVA	CAPACITY ADDITION (MVA)	DATE	REMARKS
1	Agarpada	1 x 40	1 x 40 + 1 x 20	20	12.04.24	132/33kV 20MVA Power TRF No-II charged at 19:18 hrs and loaded on 13.04.24 at 20:15 hrs
2	Nabarangpur	1 x 20	2 x 20	20	30.04.24	132/33kV 20MVA Power TRF No-II charged at 14:56 hrs and loaded on 01.05.24 at 17:02 hrs
3	Chikiti	1 x 40	1 x 40 + 1 x 20	20	29.04.24	132/33kV 20MVA Power TRF No-II charged at 19:18 hrs and loaded on 01.05.24 at 18:02 hrs
4	Kantabada	-	2 x 63	126	03.05.24	220/33kV 63MVA Power TRF No-I & II charged at 13:00 hrs and at 12:45 Hrs.
5	Satasankha	1 x 20	2 x 20	20	19.05.24	132/33kV 20MVA Power TRF No-II charged at 13:34 hrs and loaded on Dt 20.05.24 16:30 Hrs.
6	Bolani	2 x 10	1 x 10 + 1 x 25	15	21.05.24	132/33kV 10 MVA Power TRF No-II replaced with 25 MVA at 19:41 hrs
7	Chikiti	1 x 40 + 1 x 31.5	2 x 40	8.5	22.05.24	132/33kV 31.5 MVA Power TRF No-II replaced with 40 MVA at 13:27 hrs
8	Balichandrapur	-	1 x 20	20	22.05.24	220/33kV 20MVA Power TRF No-I charged at 14:46 hrs.
9	BEEKAY Steel Sw. Stn	-	1 x 20	20	08.06.24	132/11kV 20MVA Power TRF No-I charged at 18:45 hrs.
10	Umerkote	2 x 20	1 x 40 + 2 x 20	40	12.06.24	132/33kV 20MVA Power TRF No-III charged at 17:18 hrs.

MAJOR FAILURES OF TRANSFORMERS & EQUIPMENTS IN GRID SUB-STATIONS

CIRCLE	DATE	GRID S/S	TRANSFORMER	BREAKE R	CT & PT	LIGHTNING ARRESTER	Tower Collapse	MISC. (Isolator/ Wave Trap etc.)	REMARKS
Berhampur	-	-	-	-	-	-	-	-	-
Bhubaneswar	-	-	-	-	-	-	-	-	-
Burla	20.05.24	Lapanga	-	-	-	-	DA type tower of 400kV Lapanga-Meramundali line collapsed at loc no.-51 near Sabalabhanga Angul.	-	-
	05.06.24	Budhipadar	-	-	R-ph CT of 220kV Budhipadar- IB Ckt.-III burst at 04:12 hrs	-	-	-	-
	13.06.24	Budhipadar	-	-	-	-	-	R-phase limb of 220kV Budhipadar-Raigarh PG Feeder the CB burst	-
	16.06.24	Sambalpur	-	-	-	-	DC tower of 132KV SBP- BurlaPH & 132KV SBP- SDRI collapse at loc No. LILO 14, Heavy lightning, wind & rain	-	-
Bolangir	-	-	-	-	-	-	-	-	-
Chainpal	-	-	-	-	-	-	-	-	-
Cuttack	11.05.24	Paradeep	-	-	-	B-phase LA of 132kV Paradeep- IFFCO CKT II punctured at IFFCO end	-	-	-
Jajpur Road	01.05.24	Baripada	-	-	-	Y-Ph LA of 132kV Baripada- Baripada PG Feeder punctured at Baripada grid end	-	-	-
	08.05.24	Polasponga	-	-	-	Y-ph LA of 132KV Palasponga Feeder punctured at Karanjia GSS	-	-	-
Jeypore	03.05.24	Kasipur	-	-	Main Bus PT Burst at Kasipur	-	-	-	-