

STATEMENT ON SYSTEM PERFORMANCE

(JULY'24 – SEPTEMBER'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	2nd	JULY	744	0.00	0.00
		AUGUST	744	0.00	0.00
		SEPTEMBER	720	0.00	0.00
Total			2208	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	2nd	JULY	744	-	-	-		-
		AUGUST	744	-	-	-	-	-
		SEPTEMBER	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	2nd	JULY	744	-	-	-	-	-	Load restriction imposed in the state on rotation basis to curtail the demand.
			AUGUST	744	-	-	-	-	-	
			SEPTEMBER	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	2nd	JULY	744	0.00	0.00
		AUGUST	744	0.00	0.00
		SEPTEMBER	720	0.00	0.00
Total			2208	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	2nd	JULY	744	-	-
		AUGUST	744	-	-
		SEPTEMBER	720	-	-
Total			2208	NIL	NIL

Partic - - - - -													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	Angul	01.07.24	05:55	06:08	00:13	132kV Angul-MCL CKT-I	At Angul end: O/C (R-Y-B) & E/F At MCL end: No tripping	-	-	-	-	-	-	-
2	Chandaka	01.07.24	12:20	14:15	01:55	100MVA Auto TRF III	At Chandaka end: OSR, tripped due to ingress of water	-	-	-	-	-	-	-
3	Polasponga	02.07.24	05:05	05:08	00:03	132kV Polasponga-Kendujhargarh RTSS Feeder	At Polasponga end: Over Current, IA=299.9A, IB=235.8A, IC=97.09A	Kendujhargarh RTSS	00:03	-	-	0.000444	-	-
4	Thuapali	02.07.24	19:02	19:46	00:44	132kV Katapali-Thuapali Feeder	At Thuapali end: E/F (Y-N), Zone 1, Dist-24.2km, ly- 1.15kA At Katapali end: Y-N, Zone 1, Dist-3.9km, ly- 11kA	-	-	-	-	-	-	-
5	Budhipadar	03.07.24	06:00	10:45	04:45	220kV Lapanga-Budhipadar CKT-I	At Budhipadar end: Y-N, Dist-14.7km, ly- 10.81kA	-	-	-	-	-	Earth wire snapped from Lapanga end (gantry to 1st tower)	-
6	Birmaharajapur	03.07.24	07:00	08:21	01:21	132kV Sonepur-Birmaharajapur Feeder	Source failure	Birmaharajapur	01:21	-	-	0.010850	-	-
7	Udala	03.07.24	08:00	08:09	00:09	132kV Udala-Balasore Feeder	At Udala end: DC Earth fault	Udala	00:09	-	-	0.001850	-	-
8	Polasponga	03.07.24	11:14	11:17	00:03	132kV Polasponga-Kendujhargarh RTSS Feeder	O/C	Kendujhargarh RTSS	00:03	-	-	0.000444	-	-
9	Kantabanji	03.07.24	15:14	15:16	00:02	132kV Kantabanji-Kantabanji RTSS Feeder	If- 0.575kA	Kantabanji RTSS	00:02	-	-	0.000126	-	-
10	Gondia	04.07.24	05:25	05:45	00:20	132kV Gondia-JFAL Feeder	At Gondia end: Ir- 0.14kA, ly- 0.04kA, Ib-1.36kA, Dist- 8.2km At JFAL end: Ir- 142.3A, ly- 36.68A, Ib- 2.272kA, Zone 1, Dist- 28.47km	-	-	-	-	-	-	-
				05:50	00:25	132kV Gondia-TTPS Feeder	At Gondia end: Ir- 0.05kA, ly- 0.19kA, Ib- 1.2kA							
11	Narendrapur	04.07.24	05:43 07:27	06:42 08:07	00:59 00:40	220kV Main Bus-2	At Narendrapur end: Bus Bar Protection	-	-	-	-	-	-	-
12	Balugaon	04.07.24	11:50	12:00	00:10	132kV Balugaon-Chatrapur Feeder	At Balugaon end: E/F, Ir- 0.1kA, ly- 0.11kA, Ib- 0.31kA At Chatrapur end: O/C (B ph), E/F, Ir- 0.08kA, ly- 0.09kA, Ib- 0.47kA	-	-	-	-	-	-	-
13	Nimapara	04.07.24	17:10	17:22	00:12	132kV Nimapara-Pratapsasan Feeder	At Nimapara end: Over Current, Bus fault	Nimapara, Konark	00:12			0.008329		
				17:28	00:18	132kV Chandaka-Nimapara Feeder	At Chandaka end: Y-N, Zone 2, Dist-52.67km, ly- 1.872kA At Nimapara end: Y-N, Zone 4, Dist-0.491km, ly- 1.7kA							
14	Kantabanji	04.07.24	19:04	19:06	00:02	132kV Kantabanji-Kantabanji RTSS Feeder	If- 0.575kA	Kantabanji RTSS	00:02	-	-	0.000126	-	-

Partic

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	Soro	04.07.24	21:56	22:40	00:44	132kV Chandipur-Soro Feeder	At Soro end: Zone 1, Y-N, Dist-6.74 km, Ir- 0.103kA, ly- 1.995kA, lb- 0.137kA At Chandipur end: Zone 1, Y-N, Dist- 25.89 km, Ir- 0.14kA, ly- 1.47kA, lb- 0.142kA	-	-	-	-	-	During the fault Soro Grid was availing power supply from Bhadrak Grid & Chandipur Grid was availing Power supply from Balasore Grid. There is no area interruption.	-
16	Aska New	05.07.24	12:29	13:03 13:18	00:34 00:49	20MVA TRF II 40MVA TRF I	E/F (R-N), Ir- 2.05kA E/F (R-N), Ir- 4.794kA	Aska New	00:34	-	-	0.006411	-	-
17	Bhadrak	05.07.24	14:58	15:19	00:21	132kV Bhadrak-FACOR Feeder	At Bhadrak end: E/F, B-N, Zone 1, Dist- 5.383 km, lb-5.703kA	FACOR	00:21	-	-	0.001183	-	-
18	Lapanga	05.07.24	15:51	18:30	02:39	400kV Lapanga-Vedanta CKT-II	At Lapanga end: Ir- 0.33kA, lb- 0.36kA At Vedanta end: Y-N, Zone 1, Dist- 3km ly-23.5kA	-	-	-	-	-	-	-
19	Bamra	06.07.24	09:52	16:46	06:54	132kV Bamra-Rajgangpur Feeder	At Bamra end: O/C (R-Y-B), Ir- 0.502kA, ly- 0.528kA, lb- 0.517kA	-	-	-	-	-	-	-
20	Katapali	07.07.24	06:45	09:40	02:55	132kV Katapali-Sambalpur Feeder	At Katapali end: O/C & E/F, Zone 4, Ir- 4.197kA, Dist-19.3km At Sambalpur end: E/F (R Ph), Zone 1, Ir- 6.513kA, Dist- 11.15km	-	-	-	-	-	-	-
21	Muniguda	07.07.24	08:22	08:23	00:01	132kV Muniguda-Bissam Cuttack RTSS Feeder	At Muniguda end: Over Current, Ia=268A	Bissam Cuttack RTSS	00:01	-	-	0.000107	-	-
22	Chandaka	07.07.24	11:35	12:46	01:11	220kV Mendhasal-Chandaka CKT-I	At Chandaka end: Trip coil was getting continuous supply due to DC leakage	-	-	-	-	-	-	-
23	Polasponga	07.07.24	13:29	13:30	00:01	132kV Polasponga-Kendujhargarh RTSS Feeder	At Polasponga end: Over Current, Ia=300.9A, IB=275.0A, IC=35.37A	Kendujhargarh RTSS	00:01	-	-	0.000148	-	-
24	Maneswar	07.07.24	13:50	14:01	00:11	132kV Maneswar-Maneswar RTSS Feeder	At Maneswar end: O/C (R Ph), Ir= 1.048A	Maneswar RTSS	00:11	-	-	0.000270	-	-
25	Digapahandi	07.07.24	14:37	14:58	00:21	132kV Digapahandi- Berhampur line	At Digapahandi end: Y-N, Zone 1, ly- 1.k391A, Dist- 23.81km	Berhampur	00:21	-	-	0.015335	-	-
26	Therubali	07.07.24	16:46	08-07-24 11:10	18:24	100MVA Auto TRF I	Buchholz Relay tripped due to moisture entry.	-	-	-	-	-	-	-
27	Muniguda	08.07.24	08:13	08:15	00:02	132kV Muniguda-Bissam Cuttack RTSS Feeder	At Muniguda end: Over Current, Ia=267 A, lb=265 A	Bissam Cuttack RTSS	00:02	-	-	0.000213	-	-
28	Gunupur	08.07.24	12:39	12:48 09-07-24 11:43	00:09 23:04	20MVA TRF II 20MVA TRF I	O/C (B Ph), E/F	Gunupur	00:09	-	-	0.000764	-	-

FORMAT : B-3 &B-4														
Partic 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			
29	Lakhanpur	08.07.24	13:18	18:06	04:48	132kV Lakhanpur-Budhipadar Feeder	At Lakhanpur end: Zone 1, Dist- 20.2km, If- 2.21kA At Budhipadar end: Zone 1, B-N, Dist- 5.057km, Ib- 12.87kA	Lakhanpur Brajarajnagar, Belpahar RTSS, Jurabanga MCL, Kechhobahal RTSS	01:02			0.030495		
			14:26	15:28	01:02	132kV Brajarajnagar-Lakhanpur Feeder	At Lakhanpur end: Source Failure due to overloading of 132kV Budhipadar-Brajarajnagar Line.		00:40	-	-		-	-
				15:10	15:10	132kV Budhipadar-Brajarajnagar Feeder	At Budhipadar end: O/C (R Ph), Ir- 0.46kA No tripping at Brajarajnagar end.							
30	Podagada	08.07.24	15:32	15:59	00:27	132kV Podagada-Jayanagar Feeder	At Podagada end: R-Y-B, Zone 1, Dist- 20.8km, Ir= 0.18kA, ly= 0.20kA, Ib= 0.17kA At Jayanagar end: R-Y, Zone 1, Dist- 7.7km, Ir= 1.6kA, ly= 1.45kA	Podagada, Akhusingi Potangi Sunabeda, HAL	00:27 00:30 01:01			0.024447		
				16:05	00:33	132kV Rayagada-Podagada Feeder	At Podagada end: B-Ph, Zone 1, Dist- 57.5km, Ir= 0.03kA, ly= 0.14kA, Ib= 0.92kA			-	-		-	-
			15:37	16:55	01:18	132kV Sunabeda-Jayanagar Feeder	At Jayanagar end: R-Y, Zone 1, Dist- 7.0km, Ir=4.06kA, ly=4.28kA							
31	Rourkela	09.07.24	06:38	06:56	00:18	132kV Rourkela-Bhalulata RTSS-Shree Jagannath Steel Feeder	At Rourkela end: E/F (B-N), Dist- 36.34km, Ib- 2.126kA	Bhalulata RTSS	00:18	-	-	0.001235	-	-
32	Chandaka B	10.07.24	10:33	14:24	03:51	220kV Mendhasal-Chandaka B Feeder	At Chandaka B end: Ib- 3kA, Dist- 16.28km At Mendhasal end: Ib- 8.56kA, Dist- 6.1km	-	-	-	-	-	220kV Chandaka- Chandaka B Feeder was in charged condition	-
33	Budhipadar	10.07.24	12:53	13:34	00:41	132kV Budhipadar-Kalunga Feeder	B-N, Zone 1, Dist- 34.56km, Ib- 2.818kA	Kalunga	00:03	-	-	0.003082	-	-
34	Gunupur	10.07.24	12:53	15:03	02:10	160MVA AutoTRF I	PRV Operated,Ia-23.32A, Ib-8.148A, Ic-21.93A	-	-	-	-	-	-	-
35	Polasponga	10.07.24	18:07	18:10	00:03	132kV Polasponga-Kendujhargarh RTSS Feeder	At Polasponga end: Over Current,IA=299.7A, IB=269.5A, IC=34.57A	Kendujhargarh RTSS	00:03	-	-	0.000444	-	-
36	Paradeep	11.07.24	06:56	07:00	00:04	132kV Kendrapara-Paradeep Feeder	At Paradeep end: E/F (B-N), Zone 1, Dist- 8.871km, Ib- 4.906kA At Kendrapara end: Zone 1, Dist- 19.01km, Ib- 1.67KA	-	-	-	-	-	Kendrapara , Chandikhole & Salipur Grid get power supply through 132kV Paradeep-Marshaghai and 132kV Chandabali-Olavara CKT-I & 2	-
37	Bhubaneswar	11.07.24	10:27	12:26	01:59	132kV Phulnakhara-Bhubaneswar Feeder	At Bhubaneswar end: Dist-11.35km, Zone 1, Ir- 89.35A, ly- 55.86A, Ib- 1.126kA At Phulnakhara end: Dist-14.6km, Zone 1, Ir- 172.2A, ly- 132.4A, Ib- 2.843kA	-	-	-	-	-	-	-

Partic												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			
38	Bhawanipatna	11.07.24	11:22	11:42	00:20	132kV Bhawanipatna-Junagarh Feeder	At Junagarh end: Y ph E/F, Zone 2, Dist-27.45km, ly- 719A	Bhawanipatna, Bhawanipatna RTSS, Lanjigarh RTSS Junagarh	00:13			0.019962	132kV Bhawanipatna-Junagarh Feeder H/T due to passing of truck which is loaded with trees and touched live line in between Dist.no.2 & 3 at Bhawanipatna end.	-
				11:35	00:13	132kV Kesinga-Bhawanipatna Feeder	At Bhawanipatna end: Dist Protection, tripped due to tree loaded truck passing the line		00:59	-	-			
			12:41	13:05	00:24	132kV Kesinga-Bhawanipatna Feeder	At Kesinga end: E/F, Ir- 0.212kA, ly- 0.916kA, lb- 0.125kA							
39	Balasore	11.07.24	14:20	14:30	00:10	63MVA TRF I	O/C, E/F	Balasore	00:10	-	-	0.010277	Grid pulled out due to fault in 33kV Balasore-II Feeder (B-Ph jumper in gantry point snapped)	-
				14:35	00:15	63MVA TRF II								
				15:12	00:52	63MVA TRF III								
40	Soro	11.07.24	15:14	16:01	00:47	132kV Chandipur-Soro Feeder	At Soro Grid End: Zone 1, Dist- 7.61km, Y-N, ly- 1.494kA At Chandipur End: Zone 1, Dist- 28.69km, Y-N, ly- 1.241kA	-	-	-	-	-	At that time Soro Grid was availing Power supply from Bhadrak Grid & Chandipur Grid was availing Power supply from Balasore Grid.	-
41	Rajgangpur	11.07.24	15:19	15:36	00:17	132kV Bamra-Rajgangpur Feeder	At Bamra end: O/C (R-Y-B), Ir- 0.389kA, ly- 0.401kA, lb- 0.315kA	Rajgangpur OCL, Rajgangpur RTSS	00:29			0.026882	-	-
			17:02	17:14	00:12	At Bamra end: O/C (R-Y-B), Ir- 0.399kA, ly- 0.392kA, lb- 0.33kA	00:28		-	-				
42	Paradeep	12.07.24	03:33	03:56	00:23	220kV Paradeep-IOCL Feeder	At Paradeep end: E/F (B-N), Zone 1, Dist- 2.72km, lb- 9.16kA	IOCL	00:23	-	-	0.008648	-	-
43	Narendrapur	12.07.24	18:10	18:13	00:03	100MVA Auto TRF III	At Narendrapur end: OTI, 86A & 86B Relay and Master Trip Relay operated.	-	-	-	-	-	-	-
44	Sunabeda	13.07.24	02:00	02:23	00:23	12.5MVA TRF I, II & 20MVA TRF III	R-N, Pulled out due to 33 KV Nandapur O/G Feeder	Sunabeda	00:23	-	-	0.005178	-	-
45	Choudwar	13.07.24	07:11	19-07-24 20:52	157:41:00	132kV Bidanasi-Choudwar Feeder	At Choudwar end: O/C (R,Y,B), Zone 1, Ir- 2.738kA, lb- 2.741kA, Dist- 10.4km At Bidanasi end: O/C, Zone 1, Dist- 2.96km, Ir-289A, ly-293.9A, lb- 8.27kA	-	-	-	-	-	132kV Choudwar-Bidanasi Line was test charged at Bidanasi end at 07:38hrs on 13.07.24 but did not stand and tripped on O/C B phase, Zone 1, lb- 7.93kA, Dist- 2.62km	-
46	Kesinga	13.07.24	08:54	09:17	00:23	132kV Kesinga-VAL Lanjigarh Feeder	At Kesinga end: O/C, ly- 3.14kA	VAL Lanjigarh	00:23	-	-	0.001920	-	-
47	Balasore	13.07.24	09:05	09:23	00:18	132kV Balasore-Balasore RTSS Feeder	At Balasore end: O/C (R Ph), Ir- 0.352kA	Balasore RTSS	00:18	-	-	0.002470	-	-
48	Bhadrak	13.07.24	09:13	09:18	00:05	132kV Bhadrak-Bhadrak RTSS Feeder	At Bhadrak end: O/C (Y-B Ph), ly- 0.27kA, lb- 0.27kA	Bhadrak RTSS	00:05	-	-	0.000649	-	-
49	Brajabiharipur	13.07.24	09:41	22:50	13:09	132kV Brajabiharipur-Bidanasi Feeder	At Brajabiharipur end: E/F (Y Ph), ly- 1.44kA, Dist- 0km At Bidanasi end:- E/F (Y Ph), ly- 2.468kA, Dist- 6.328km	-	-	-	-	-	Brajabiharipur GSS was availing P/S from 132kV BPPL-Brajabiharipur feeder. No interruption in the area supply.	-

Partic - - - - -												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			
50	Lapanga	13.07.24	11:01	20:15	09:14	400kV Lapanga-Vedanta CKT-II	At Lapanga end: Y-N, Zone 1, Ir- 3.341kA, ly-19.960kA, lb-2.932kA, Dist-8.928km At Vedanta end: Y-N, Zone 1, Ir- 1.9kA, ly-26.8kA, lb-1.4kA, Dist-3km	-	-	-	-	-	-	-
51	Therubali	13.07.24	11:27	14-07-24 19:06	07:39	220kV Bhanjanagar-Therubali CKT-I	At Therubali end: E/F (R-N), Zone 1, Dist- 129.9km, Ir- 1.393kA At Bhanjanagar end: R-N, Zone 1, Dist- 24.2km, Ir- 4.053kA	-	-	-	-	-	Conductor snapped at location No 544	-
52	Dhenkanal	13.07.24	12:56	13:07	00:11	132kV Khajuriakata-Nuapatana-Dhenkanal Feeder	At Khajuriakata end: R-N, Zone 1, Ir- 1.206kA,Dist-50.4km	Dhenkanal, Joranda RTSS, Shree Cement Khuntuni Choudwar, Choudwar RTSS, Tata Steel Minning Ltd	00:10	-	-	0.030342	-	-
				13:13	00:17	132kV Meramundali-Dhenkanal Feeder	At Dhenkanal end: Zone 1, Dist- 16.72km, Ir- 1.826kA At Meramundali end: E/F (R-N), Zone 1, Ir- 2.537kA		00:18					
				13:14	00:18	132kV Dhenkanal-Khuntuni Feeder	Supply failure		00:17					
				12:57	13:14	00:17	132kV Choudwar-TS Alloys Feeder		At TS Alloys end: O/C (R-Y Ph)					
53	Kantabanji	13.07.24	17:50	17:53	00:03	132kV Kantabanji-Kantabanji RTSS Feeder	L-L fault, If- 0.575kA	Kantabanji RTSS	00:03	-	-	0.000189	-	-
54	Budhipadar	13.07.24	18:39	23:03	04:24	220kV Budhipadar-Korba CKT-I	At Budhipadar end: R-N, Zone 1, Dist- 55.04km, Ir- 3.033kA At Korba end: R-N, Zone 1, Dist- 100.83km, Ir- 1.766kA	-	-	-	-	-	Weather -Lightening & Rain	-
				19:08	14-07-24 16:19	220kV Budhipadar-Raigarh PG Feeder	At Budhipadar end: R-N, Zone 1, Dist- 1.878km, Ir- 21.09kA							
55	Kalunga	14.07.24	03:47	04:01	00:14	132kV Budhipadar-Kalunga Feeder	R-Y-B, Dist- 74.26km, Ir-1.059kA, ly- 1.051kA, lb-1.171kA	Kalunga	00:14	-	-	0.014382	132kV Tarkera-Kalunga CKT had also H/T at kalunga end due to which the entire grid supply at Kalunga failed	-
56	Choudwar	14.07.24	12:30	13:09	00:39	132kV Choudwar-TS Alloys Feeder	At Choudwar end: Zone 1, Dist- 1.606km, Ir- 401.8A, ly- 484.9A, lb- 4.428kA At TS Alloys end: O/C (B Ph), tripped due to touching of a hyva to the conductor	Tata Steel Minning Ltd	00:39	-	-	0.012274	-	-
57	Bamra	14.07.24	15:08	15:11	00:03	132kV Bamra-Rajgangpur Feeder	At Bamra end: O/C, R-Y-B, Ir- 0.85kA, ly- 0.873kA, lb- 0.856kA	-	-	-	-	-	-	-

Partic												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			
58	Cuttack	14.07.24	15:34	23:30	07:56	132kV Phulnakhara-Cuttack Feeder	At Cuttack end: R-N, Zone 1, Dist- 8.406km, Ir- 4.096kA At Phulnakhara end: R-N, Zone 1, Dist- 4.757km, Ir- 4.757kA	-	-	-	-	-	At 15:51 Hrs the line was given a test charge but it tripped immediately (Ir = 5.201 kA, Dist = 8.22 km). After replacement of R & B ph suspension string insulators with long rod insulators at Loc No.3 of the LILO portion, the line was charged.	-
59	Tusura	14.07.24	16:08	20:20	04:12	132kV Tusura-Deogaon RTSS Feeder	Jumper snap at Loc. No. 35	Deogaon RTSS	04:12	-	-	0.017840	-	-
60	Chend	14.07.24	16:58	19:01	02:03	132kV Chend-Nuagaon RTSS Feeder	At Chend end: R-Y, Zone 1, Dist- 18.75 km, Ir- 4.524kA, Iy- 4.239kA	Nuagaon RTSS	02:03	-	-	0.006690	-	-
61	Polasponga	14.07.24	19:50	20:00	00:10	132kV Joda-Polasponga Feeder	At Polasponga end: O/C, Ir- 0.288kA, Iy- 0.724kA, Ib- 0.287kA At Joda end: Ir- 0.29kA, Iy- 0.72kA, Ib- 0.3kA	Polasponga, ESIL, MSP, OSISL, Patnaik Steel, Kendujhargarh RTSS	00:10	-	-	0.009059	-	-
62	Bhadrak	15.07.24	08:25	09:30	01:05	132kV Bhadrak-Dhamara port RTSS Feeder	At Bhadrak end: O/C (B-N), Zone 1, Dist- 15.91km, Ib- 4.37kA	Dhamara port RTSS	01:05	-	-	0.003954	-	-
63	Bolangir	15.07.24	15:57	16:50	00:53	132kV Bolangir New-Bolangir CKT- I & II	At Bolangir end: E/F, O/C	Bolangir	00:53	-	-	0.032117	-	-
				16:58	16:58	132kV Bolangir-ACME Feeder								
64	Rayagada	15.07.24	17:31	17:34	00:03	132kV Rayagada-Rayagada RTSS Feeder	At Rayagada end: O/C (R-B)	Rayagada RTSS	00:03	-	-	0.000346	-	-
65	Agarpada	15.07.24	18:40	19:01	00:21	20MVA TRF II	E/F, Ir- 0.18kA, Iy- 2kA, Ib- 0.24kA	Agarpada	00:21	-	-	0.003533	33kV TRF II tripped due to puncture of 33kV LA of Station TRF I	-
				22:38	03:58	40MVA TRF I	E/F, Ir- 0.25kA, Iy- 3.13kA, Ib- 0.12kA							
66	New Duburi	15.07.24	22:17	16-07-24 01:08	02:51	400kV New Duburi-VISA CKT-I	No relay data record at New Duburi end No tripping at Visa end	-	-	-	-	-	-	-
67	Muniguda	16.07.24	07:30	07:42	00:12	132kV Therubali-Muniguda Feeder	At Therubali end: E/F (Y-N), Zone 1, Dist- 3.79km, Iy- 6.6kA	Muniguda, Bissam Cuttack RTSS	00:12	-	-	0.001741	-	-
68	Muniguda	16.07.24	08:53	08:54	00:01	132kV Muniguda-Bissam Cuttack RTSS Feeder	At Muniguda end: O/C, Ir- 0.263kA, Iy- 0.261kA	Bissam Cuttack RTSS	00:01	-	-	0.000107	-	-
69	Kendrapara	16.07.24	10:38	13:26	02:48	132kV Salipur-Kendrapara Feeder	At Kendrapara end: Zone 1, Dist- 22.32km, Iy- 3.04kA, Ib- 3.038kA At Salipur end: No tripping	-	-	-	-	-	-	-
70	Rayagada	16.07.24	12:43	12:48	00:05	132kV Rayagada-Rayagada RTSS Feeder	O/C (R Ph)	Rayagada RTSS	00:21	-	-	0.002419	-	-
			18:17	18:20	00:03									
			18:27	18:32	00:05									
			18:54	19:02	00:08									
71	Rayagada	16.07.24	13:03	13:23	00:20	132kV Rayagada-Podagada Feeder	Machkund supply failure	Podagada, Akhusingi Rayagada	00:13 00:20	-	-	0.005709	-	-

FORMAT : B-3 &B-4

(July-Sept)

Partic - - - - -												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
			21:29	21:31	00:02		At Khajuriakata end: O/C (R-N), Ir- 3.19kA, Zone 1, Dist- 2.7km							
87	Rayagada	19.07.24	06:22	06:25	00:03	132kV Rayagada-Rayagada RTSS Feeder	At Rayagada end: Over Current,Over Current R & B ph	Rayagada RTSS	00:03	-	-	0.000346	-	-
88	Therubali	19.07.24	10:11	18:14	08:03	132kV Rayagada-Therubali Feeder	At Therubali end: Earth Fault, YG,Iy=5.645kA, At Rayagada end: Earth Fault,Snapping of jumper,No data recorded at Rayagada end.	Rayagada RTSS	00:45	-	-	0.005183	Availed power supply from Akhusing end	-
			11:39	11:47	00:08	132kV Rayagada-Rayagada RTSS Feeder	O/C (R-B Ph)							
89	Chainpal	19.07.24	14:54	20:57	06:03	132kV Chainpal-TTPS CKT-I	At Chainpal end: Zone 1, R-N, Dist- 1.76km, Ir- 13kA	-	-	-	-	-	-	-
90	Tirtol	19.07.24	17:28	17:40	00:12	132kV Tirtol-Paradeep Feeder	At Tirtol end: Zone 1, Y-N, Ir- 0.279kA, Iy- 0.179kA, Ib- 0.127kA, Dist- 16.53km At Paradeep end: E/F (Y-N), Zone 1, Dist- 13.4km, Iy- 4.6kA	Tirtol	00:12	-	-	0.004074	-	-
91	Narendrapur	19.07.24	22:12	22:23	00:11	220kV Narendrapur-Atri CKT-II	At Narendrapur end: SPS operated,Pole Discrepancy operated	-	-	-	-	-	-	-
92	Rayagada	20.07.24	08:49	09:18	00:29	132kV Rayagada-Podagada Feeder	Machkund supply failure	Rayagada Podagada, Akhusingi	00:29 00:18	-	-	0.008146	Availed Therubali BTH supply	-
93	Lakhanpur	20.07.24	09:45	10:29	00:44	132kV Lakhanpur-Budhipadar Feeder	At Budhipdar end: Ir- 299.8A, Iy- 271.9A, Ib-111.9A	Lakhanpur Brajarajnagar, Belpahar RTSS, Jurabanga MCL Kechhobahal RTSS	00:44 00:11 00:28	-	-	0.012014	Tripped due to overload as GSS Brajarajnagar was drawing power from Lakhanpur GSS	-
94	Narendrapur	20.07.24	14:09	18:26	04:17	220kV Narendrapur-Atri CKT-II	At Narendrapur end: SPS Operated,Pole Discrepancy Operated	-	-	-	-	-	-	-
95	Gondia	20.07.24	15:37	16:36	00:59	132kV Gondia-TTPS Feeder	At Gondia end: Ir- 1.15kA, Iy- 0.07kA, Ib- 0.14kA, Dist- 40.50km At TTPS end: Ir- 2.657kA, Iy- 62.87kA, Ib- 0.147kA, Zone 1, Dist- 38.39km	-	-	-	-	-	-	-
96	Padampur	20.07.24	21:08	21:32	00:24	132kV Patnagarh-Padampur Feeder	At Padampur end: R-N, Ir- 0.315kA, Iy- 0.192kA, Ib- 0.481kA, Zone 1, Dist- 32.39km	Padampur, Nuapada, Nuapada RTSS	00:24	-	-	0.014113	-	-
97	Baripada	21.07.24	01:31	02:12	00:41	132kV Baripada-Baripada PG Feeder	At Baripada PG end: O/C (R-B), Ir- 0.79kA, Ib- 0.94kA	Baripada Betanati	00:12 00:36	-	-	0.016603	During this interruption period Baripada grid was unable to avail the 132kV P/S either from PGCIL & Betanati GSS end.	-
						40MVA TRF I, II & III	Failure of source							
						132kV Baripada-Betanati Feeder								

PARTIC - - - - -													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			
98	Khajuriakata	21.07.24	05:36	05:46	00:10	132kV Meramundali-Khajuriakata Feeder	At Meramundali end: R-N, Ir- 3.4kA, Dist- 31.99km, Zone 1	Khajuriakata	00:10	-	-	0.000731	-	-
99	Rayagada	21.07.24	09:41	09:43	00:02	132kV Rayagada-Rayagada RTSS Feeder	At Rayagada end: O/C (R-B Ph)	Rayagada RTSS	00:02	-	-	0.000230	-	-
100	Polasponga	21.07.24	13:29	13:31	00:02	132kV Polasponga-Kendujhargarh RTSS Feeder	At Polasponga end: O/C	Kendujhargarh RTSS	00:02	-	-	0.000296	-	-
101	Rayagada	21.07.24	16:56	17:00	00:04	132kV Rayagada-Rayagada RTSS Feeder	At Rayagada end: O/C (R-B Ph)	Rayagada RTSS	00:04	-	-	0.000461	-	-
102	Polasponga	21.07.24	17:39	22-07-24 11:47	18:08	132kV Joda-Polasponga Feeder	At Polasponga end: O/C, Dist- 51.7km, Ir- 0.329kA, ly- 0.284kA, lb- 0.334kA At Joda end: Y-B, Dist- 3.648km, Ir- 0.3kA, ly- 8.533kA, lb- 7.453kA	Polasponga, ESIL, MSP, OSISL, Patnaik Steel, Kendujhargarh RTSS	00:26	-	-	0.023554	-	-
103	Bhadrak	21.07.24	20:48	23:33	02:45	220kV New Duburi-Bhadrak Feeder	At Bhadrak end: E/F	-	-	-	-	-	-	-
104	Bangiriposi	22.07.24	01:13	01:44	00:31	132kV Bangiriposi-Baripada PG CKT	At Baripada PG end: Directional O/C, Ir-0.39kA, ly-0.32kA, lb-0.26kA	Bangiriposi, Rairangpur Karanjia, Dhenkikote	00:31 00:35	-	-	0.025224	-	-
105	Bangiriposi	22.07.24	06:16	06:24	00:08	132kV Bangiriposi-Rairangpur Feeder	At Bangiriposi end: Directional O/C, Ir-0.38kA, ly-0.29kA, lb-0.18kA	-	-	-	-	-	-	-
106	Budhipadar	22.07.24	12:10	14:41	02:31	132kV Budhipadar-Kalunga Feeder	At Budhipadar end: Y-N, Zone 1, Dist- 68.92km, ly- 1.448kA At kalunga end: Y-N, Zone 1, Dist- 22.61km, ly- 2.663kA	-	-	-	-	-	-	-
107	Pratapsasan	23.07.24	00:19	01:35	01:16	220kV Pratapsasan-Pandiabili CKT I & II 160MVA Auto TRF I & II	Bus Bar Protection, 220kV Main Bus-1 B phase PT was burst.	-	-	-	-	-	-	-
108	Bolangir	23.07.24	01:42	02:00	00:18	40MVA TRF II	O/C, LA burst (B Ph)	Bolangir	00:18	-	-	0.010908	-	-
109	Bhadrak	23.07.24	07:10	09:46	02:36	100MVA Auto TRF I	REF, Differenial	-	-	-	-	-	-	-
110	Narendrapur	23.07.24	12:53	12:56	00:03	132kV Narendrapur-Jagannathpur RTSS Feeder	At Narendrapur end: O/C (R-B), Ir- 1.08kA, lb- 1.08kA	Jagannathpur RTSS	00:03	-	-	0.000228	-	-
111	Goda	23.07.24	13:29	14:16	00:47	220kV Meramundali-Meramundali B-Goda Feeder	At Goda end: Relay Not Operated,Carrier Channel-II Received.	-	-	-	-	-	-	-
112	Meramundali	23.07.24	14:55	16:18	01:23	100MVA Auto TRF II	OTI & M/T-86 operated	-	-	-	-	-	-	-
113	Chend	24.07.24	17:44	25-07-24 13:50	20:06	132kV Chend-Kuarmunda Feeder	At Chend end: Y-N, Zone 2, Dist- 12.54km, ly- 4.321kA At Kuarmunda end: Y-N, Zone 1, Dist- 5.072 km, ly- 5.813kA	-	-	-	-	-	R-Phconductor snapped at Loc no. 46	-
114	Rayagada	25.07.24	01:33	01:34	00:01	132kV Rayagada-Rayagada RTSS Feeder	At Rayagada end: Over Current,Over Current R & B ph	Rayagada RTSS	00:01	-	-	0.000115	-	-

Partic - - - - -													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	Kesinga	25.07.24	02:39	03:14	00:35	132kV Kesinga-Khariar Feeder	At Kesinga end: Ir- 1.004kA, ly- 0.946kA, lb- 0.912kA, Dist- 27.66km	Khariar, Kantabanji, Kantabanji RTSS	00:35	-	-	0.021454	-	-
116	Bamra	25.07.24	14:32	16:53	02:21	160MVA Auto TRF I	Differential relay, Ir- 0.227kA	-	-	-	-	-	-	-
117	Paradeep	25.07.24	15:55	16:12	00:17	132kV Paradeep-IFFCO CKT-II	At Paradeep end: O/C (R-Y-B), Ir- 0.18kA, ly- 0.18 kA , lb= 0.19 kA	-	-	-	-	-	-	-
118	Rayagada	25.07.24	17:12	17:14	00:02	132kV Rayagada-Rayagada RTSS	O/C (R-B Ph)	Rayagada RTSS	00:04	-	-	0.000461	-	-
			21:03	21:05	00:02	Feeder								
119	Rayagada	26.07.24	02:59	03:01	00:02	132kV Rayagada-Rayagada RTSS	O/C (R-B Ph)	Rayagada RTSS	00:02	-	-	0.000230	-	-
						Feeder								
120	Chandabali	26.07.24	07:20	17:29	10:09	132kV Dhamra-Chandabali CKT-II	At Chandabali end: O/C (B Ph), Zone 1, Dist-17.96km, lb- 2.387kA At Dhamra end: lb-3.792kA	-	-	-	-	-	-	-
121	Polasponga	26.07.24	09:07	09:08	00:01	132kV Polasponga-Kendujhargarh RTSS Feeder	At Polasponga end: O/C, Ir- 0.3kA, ly- 0.245kA	Kendujhargarh RTSS	00:01	-	-	0.000148	-	-
122	Therubali	26.07.24	09:08	09:28	00:20	220kV Gunupur-Therubali Feeder	At Therubali end: E/F (R-N), Zone 1, Dist- 90.64km, Ir- 1.3kA	-	-	-	-	-	-	-
123	Muniguda	26.07.24	11:37	11:49	00:12	12.5MVA TRF II	O/C, E/F	Muniguda	00:12	-	-	0.000462	LV Breaker tripped due to fault in STN TRF-2 R-Ph	-
124	Balasore	26.07.24	12:52	13:49	00:57	132kV Balasore-Ispat Alloys Feeder	At Balasore end: E/F (B-N), Dist- 7.01km, lb- 4.8kA	Ispat Alloys	00:57	-	-	-	-	-
125	Budhipadar	26.07.24	13:34	13:34	00:00	220KV Budhipadar Kuarmunda	At Budhipadar end: -Zone 1 , B-N, Dist- 80.21 km, lb- 2.26kA	-	-	-	-	-	-	-
126	Rayagada	26.07.24	21:28	21:31	00:03	132kV Rayagada-Rayagada RTSS	At Rayagada end: Over Current,Over Current R & B ph	Rayagada RTSS	00:03	-	-	0.000346	-	-
						Feeder								
127	Karanjia	27.07.24	01:13	01:17	00:04	132kV Turumunga-Karanjia Feeder	At Karanjia end: Zone 1, Y-N, Dist- 36.5km, ly- 1kA	-	-	-	-	-	-	-
128	Kantabanji	27.07.24	13:52	15:24	01:32	132kV Kantabanji-Kantabanji RTSS	L-L fault, lf- 0.385kA	Kantabanji RTSS	01:32	-	-	-	-	-
						Feeder								
129	Rayagada	27.07.24	18:17	18:19	00:02	132kV Rayagada-Rayagada RTSS	At Rayagada end: Over Current,Over Current R & B ph	Rayagada RTSS	00:02	-	-	0.000230	-	-
						Feeder								
130	Bidanasi	27.07.24	20:55	21:06	00:11	132kV Bidanasi-Choudwar Feeder	At Bidanasi end: O/C (B Ph) & E/F, Ir- 4.4kA, ly-1.5kA, lb-4.7kA	-	-	-	-	-	-	-
131	ICCL SW Station	27.07.24	20:56	28-07-24 02:50	05:54	132kV ICCL-IMFA Feeder	At ICCL end: O/C, Ir- 2.21kA, ly- 2.08kA, lb- 0.65kA	-	-	-	-	-	R Ph CT and PT FAIL AT IMFA SIDE	-
132	Rayagada	27.07.24	21:13	21:16	00:03	132kV Rayagada-Rayagada RTSS	At Rayagada end: Over Current,Over Current R & B ph	Rayagada RTSS	00:03	-	-	0.000346	-	-
						Feeder								
133	Rayagada	28.07.24	06:10	06:13	00:03	132kV Rayagada-Rayagada RTSS	At Rayagada end: Over Current,Over Current R & B ph	Rayagada RTSS	00:03	-	-	0.000346	-	-
						Feeder								
134	Jayanagar	28.07.24	10:24	11:03	00:39	132kV Tentulikhunti-Jayanagar Feeder	At Jayanagar end: R-N, Zone 1, Dist- 10.06km, Ir- 5.06kA At Tentulikhunti end: R-N, Zone 1, Ir- 1.02kA, Dist- 7.7km	-	-	-	-	-	-	-

Partic

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 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	Energy lost in MU	Remarks	Feeders Affected
135	Chandaka B	28.07.24	11:48	14:00	02:12	220kV Mendhasal-Chandaka B Feeder	At Chandaka B end: Ir- 0.191kA, ly- 0.218kA, lb- 2.192kA At Mendhasal end: lb- 2.88kA, Dist- 15km	-	-	-	-	-	-	-
136	Bidanasi	28.07.24	17:45	17:53	00:08	132kV Bidanasi-Choudwar Feeder	At Bidanasi end: O/C, Ir- 3.91kA, ly- 3.89kA, lb- 3.87kA	Choudwar, Choudwar RTSS Mania, OCL Tata Steel Minning Ltd	00:08 00:30 08:52	-	-	0.181921	-	-
				29-07-24 01:42	07:57	132kV Choudwar-TS Alloys Feeder	At Choudwar end: Zone 1, Dist- 8.587km, Ir- 6.147kA, ly- 5.823kA, lb- 6.010kA At TS Alloys end: O/C (B Ph)							
				18:15	18:15	132kV Mania-ICCL Feeder, 132kV Mania-OCL Feeder	Supply failure							
137	Katapali	28.07.24	22:10	22:31	00:21	220kV Katapali-Bolangir PG Feeder	At Katapali end: R-N, Zone 1, Dist- 39.01km, Ir- 3.8kA	-	-	-	-	-	-	-
138	Rayagada	28.07.24	22:27	22:31	00:04	132kV Rayagada-Rayagada RTSS Feeder	At Rayagada end: Over Current,Over Current R & B ph	Rayagada RTSS	00:04	-	-	0.000461	-	-
139	Kesinga	28.07.24	22:53	23:12	00:19	132kV Kesinga-Khariar Feeder	At Khariar end: Zone 1, Dist- 13.43km, B-N, lb- 3.8kA	Khariar Kantabanji, Kantabanji RTSS	00:19 00:20	-	-	0.011877	-	-
				23:43	00:50	132kV Powmex Feeder	At Kesinga end: E/F, Ir- 0.095kA, ly- 0.185kA, lb- 0.19kA							
140	Rayagada	29.07.24	07:20	07:23	00:03	132kV Rayagada-Rayagada RTSS Feeder	At Rayagada end: Over Current,Over Current R & B ph	Rayagada RTSS	00:04	-	-	0.000461	-	-
141	Meramundali	29.07.24	09:41	17:17	07:36	400 kV Meramundali-JSPL CKT-I	At Meramundali end: B-N, Zone 1, lb- 6.3kA, Dist- 45.8km, SOTF At JSPL end: B-N, Zone 1, lb- 0.015kA	-	-	-	-	-	-	-
142	Kantabanji	29.07.24	16:06	16:10	00:04	132kV Kantabanji-Kantabanji RTSS Feeder	L-L fault, If- 0.385kA	Kantabanji RTSS	00:04	-	-	0.000253	-	-
143	Rourkela	30.07.24	06:49	06:53	00:04	40 MVA TRF I, 35MVA TRF II, III & IV	E/F (R-N)	Rourkela	00:04:00	-	-	0.003103	-	-
144	Rayagada	30.07.24	07:39	07:41	00:02	132kV Rayagada-Rayagada RTSS Feeder	At Rayagada end: Over Current,Over Current R & B ph	Rayagada RTSS	00:02	-	-	0.000230	-	-
145	Bhawanipatna	30.07.24	16:14	16:18	00:04	132kV Bhawanipatna-Lanjigarh RTSS Feeder	At Bhawanipatna end: E/F	Lanjigarh RTSS	00:04:00	-	-	0.000439	-	-
146	Narendrapur	30.07.24	17:01	17:26	00:25	220kV Narendrapur-Atri CKT-II	At Narendrapur end: SPS Operated,Pole Discrepancy Operated	-	-	-	-	-	-	-
147	Dhenkanal	31.07.24	11:22	11:29	00:07	132kV Dhenkanal-Joranda RTSS Feeder	At Dhenkanal end: E/F (B-N), Zone 1, lb- 2.071kA, Dist- 15.23km	Joranda RTSS	00:07	-	-	0.000909	-	-
148	Bangiriposi	31.07.24	15:12	15:56	00:44	132kV Bangiriposi-Baripada PG CKT	At Baripada PG end: O/C & E/F (Y-N), Zone 1, Dist- 10.12km, ly- 5.6kA	Bangiriposi, Rairangpur Karanjia, Dhenkikote	00:44 00:26	-	-	0.027784	-	-

Partic												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			
149	Narendrapur	31.07.24	16:11	18:50	02:39	220kV Narendrapur-Atri CKT-II	At Narendrapur end: SPS Operated,Pole Discrepancy Operated	-	-	-	-	-	-	-
150	Narendrapur	31.07.24	17:28	17:32	00:04	132kV Narendrapur-Jagannathpur RTSS Feeder	At Narendrapur end: O/C, Ir- 1kA, Ib- 1kA	Jagannathpur RTSS	00:04	-	-	0.000304	-	-
151	Jayanagar	31.07.24	20:13	21:53	01:40	132kV Jayanagar-Meenakshi Feeder	At Jayanagar end: R-Y, Zone 2, Dist- 49.19km, Ir- 2.31kA, Iy- 2.35kA	Megalift	01:40	-	-	0.000042	-	-
152	Kantabanji	31.07.24	20:28	20:30	00:02	132kV Kantabanji-Kantabanji RTSS Feeder	L-L fault, If- 0.584kA	Kantabanji RTSS	00:02	-	-	0.000126	-	-
153	Rourkela	31.07.24	22:10	23:14	01:04	132kV Rourkela-Bhalulata RTSS-Shree Jagannath Steel Feeder	At Rourkela end: O/C, Dist- 37.11km, Ir- 3.359kA, Iy- 3.78kA, Ib- 3.452kA	Bhalulata RTSS	01:04	-	-	0.004390	-	-
154	Rajgangpur	01.08.24	00:38	23.08.24 12:59	540:21:00	132kV Bamra-Rajgangpur Feeder	At Rajgangpur end: Ir- 1.10kA, Iy- 146.9A, Ib- 370.5A, Zone 1, Dist- 27.42km	-	-	-	-	-	-	-
155	Bhawanipatna	01.08.24	07:47	07:52	00:05	132kV Bhawanipatana-Bhawanipatana RTSS Feeder	At Bhawanipatna end: O/C	Bhawanipatana RTSS	00:05	-	-	0.000024	-	-
156	Nuapada	01.08.24	20:34	20:52	00:18	132kV Nuapada-Nuapada RTSS Feeder	At Nuapada end: O/C, Ir- 0.528kA, Ib- 0.53kA	Nuapada RTSS	00:18	-	-	0.000747	-	-
157	Muniguda	02.08.24	06:03 06:11	06:05 06:12	00:02 00:01	132kV Muniguda-Bissam Cuttack RTSS Feeder	At Muniguda end: O/C	Bissam Cuttack RTSS	00:03	-	-	0.000312	-	-
158	Chatrapur	02.08.24	11:37	15:09	03:32	132kV Balugaon-Chatrapur Feeder	At Chatrapur end: Zone 1, B-N, A/R Lockout, Dist- 33.79km, Ib-1.185kA At Balugaon end: E/F, Ib- 0.88kA	-	-	-	-	-	-	-
159	Samangara	02.08.24	11:55	12:06	00:11	20MVA TRF I, II	E/F	Samangara	00:11	-	-	0.002645	-	-
160	Kuchinda	02.08.24	14:15	03.08.24 18:10	03:55	132kV Kuchinda-SMC Power Feeder	At Kuchinda end: E/F (Y-N), Ir- 173.6A, Iy- 6A, Ib- 168A	-	-	-	-	-	GSS availed alternate supply from Rajgangpur Grid via Kutra SW/S	-
161	Bargarh	02.08.24	15:06	15:30	00:24	132kV Thuapali-Bargarh Feeder	At Bargarh end: Zone 2, Dist- 24.70km, Ir- 219A, Iy- 349A, Ib- 442A At Thuapali end: E/F (B-N), Zone 1, Dist- 9.2km, Ib- 2.68kA	Bargarh	00:24	-	-	0.016088	132kV source fails as 132kV Bargarh-Bargarh New Feeder was H/T from Bargarh New end from dated 01.08.24 at 07:31 Hrs.	-
162	Therubali	02.08.24	16:55	17:38	00:43	100MVA Auto TRF I	WTI	-	-	-	-	-	Auto TRF II & III in service.	-
163	Palasponga	02.08.24	18:25	18:27	00:02	132kV Palasponga-Kendujhargarh RTSS Feeder	At Palasponga end: O/C, Ir- 302.6A, Iy- 257.1A, Ib- 57.60A	Kendujhargarh RTSS	00:02	-	-	0.000276	-	-
164	Rourkela	03.08.24	01:06	20:02	18:56	132kV Rourkela-Bhalulata RTSS-Shree Jagannath Steel Feeder	At Rourkela end: E/F,B-N, Ib- 1.044kA, Dist- 65.63km	Bhalulata RTSS	18:56	-	-	0.075534	-	-
165	Balugaon	03.08.24	09:46	10:15	00:29	132kV Balugaon-Chandpur Feeder	At Balugaon end: A/R L/O, Y-B, Zone 1, Dist-33.35km, Iy- 1.486kA, Ib- 1.306kA At Chandpur end: B-N, Dist- 15km, Ib- 1.08kA	-	-	-	-	-	-	-

Partic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	FORMAT : B-3 &B-4	-
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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			
166	Rayagada	03.08.24	13:04	13:07	00:03	132kV Rayagada-Rayagada RTSS Feeder	At Rayagada end: O/C (R-B Ph)	Rayagada RTSS	00:03	-	-	0.000344	-	-
167	Angul	04.08.24	10:43	11:20	00:37	132kV Angul-MCL CKT I	At Angul end: O/C (B Ph) & E/F, Ib- 3.5kA. CB didnot trip at MCL end	MCL	00:37	-	-	0.015358	-	-
						132kV Angul-MCL CKT II	At Angul end: B-N, Dist- 15.33km, Ib- 3.8kA. CB didnot trip at MCL end							
168	Rayagada	04.08.24	14:04	14:13	00:09	132kV Rayagada-Rayagada RTSS Feeder	At Rayagada end: O/C (R-B Ph)	Rayagada RTSS	00:09	-	-	0.001032	-	-
169	Kendrapara	04.08.24	17:10	17:17	00:07	132kV Salipur-Kendrapara Feeder	At Kendrapara end: Zone 1, Dist- 20.49km, Ir- 3.174kA	-	-	-	-	-	Idle charged from Kendrapara end	-
170	Katapali	04.08.24	17:42	18:22	00:40	132kV Katapali-Burla PH CKT II	At Katapali end: Zone 1, R Ph, Dist- 6.814km, Ir- 5.09kA At Burla PH end: Zone 1, R Ph, Ir- 5kA, Dist- 0.81 km	-	-	-	-	-	-	-
			17:53	18:54	01:01	132kV Sambalpur-Katapali Feeder	At Sambalpur end: O/C (B Ph), Zone 1, Ib- 3.754kA, Dist- 7.88km At Katapali end: Not tripped (Previously in H/T condition at Katapali end)							
171	Rengali	05.08.24	01:36	03:08	01:32	220kV Rengali S/Y-Rengali PH CKT I	At Rengali end: R-N, Ir- 11.08kA, Dist- 6.1km	-	-	-	-	-	-	-
172	Kalunga	05.08.24	09:18	13:35	04:17	132kV Budhipadar-Kalunga Feeder	At Kalunga end: E/F (Y-N), Zone 1, Dist- 35.61km, ly- 1.606kA At Budhipadar end: Y-N, Zone 1, Dist- 73.86km, ly- 2.212kA	-	-	-	-	-	-	-
173	Gondia	05.08.24	11:11	12:05	00:54	132kV Gondia-JFAL Feeder	At Gondia end: Ir- 0.08kA , ly- 0.08kA, Ib- 1.23kA, Dist- 1.10km At JFAL end: Ir- 10.17A, ly- 9.825A, Ib- 2.015kA, Dist- 32.64km	-	-	-	-	-	-	-
			11:32	00:21	132kV Gondia-TTPS Feeder	At Gondia end: Ir- 0.08 kA, ly- 0.12 kA , Ib- 1.07 kA								
174	Rayagada	06.08.24	07:51	07:54	00:03	132kV Rayagada-Rayagada RTSS Feeder	O/C (R-B)	Rayagada RTSS	00:03	-	-	0.000344	-	-
175	Rayagada	06.08.24	14:01	14:03	00:02	132kV Rayagada-Rayagada RTSS Feeder	O/C (R-B)	Rayagada RTSS	00:04	-	-	0.000459	-	-
			14:06	14:08	00:02	132kV Rayagada-Rayagada RTSS Feeder								
176	Baripada	06.08.24	14:52	15:42	00:50	132kV Baripada-Betanati Feeder	At Baripada end: E/F (Y-N), Zone 1, ly- 3kA At Betanati end: Y-N, Zone 1, Dist- 4.54km, Ir- 0.139kA, ly- 0.138kA, Ib- 0.127kA	Betanati	00:20	-	-	0.005932	-	-
177	Bhadrak	06.08.24	15:26	15:49	00:23	132kV Bhadrak-Soro Feeder	At Bhadrak end: O/C (B Ph), Zone 1, Ib- 2.904kA, Dist- 25.11km At Soro end: B Ph, Dist- 10.834km, Zone 1, Ib- 1.431kA	-	-	-	-	-	Soro was availing P/S from Balasore end	-

Partic

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			
178	Budhipadar	06.08.24	15:44	17:10	01:26	132kV Budhipadar-MCL Feeder	At Budhipadar end: R-B-N, Zone 1, Dist- 14.17km, Ir- 5.642kA, Ib- 5.917kA	MCL	01:01	-	-	0.019374	-	-
				18:03	02:19	132kV Brajarajnagar-Jurabanga MCL Feeder	At Brajarajnagar end: R-B, Zone 1, Ir- 5.45kA, Ib- 5.62kA, Dist- 16.4km							
179	Bhatli	06.08.24	17:39	22:26	04:47	40MVA TRF II	OSR, VT fuse indication	Bhatli	01:00	-	-	0.006494	33kV Bus pull out	-
180	Joda	06.08.24	18:11	18:36	00:25	132kV Joda-Kenduposi Feeder	At Joda end: Zone 2, B-N, Dist- 40.01km, Ir- 349.4A, Iy- 2.332kA, Ib- 216.9A	-	-	-	-	-	-	-
181	Atri	07.08.24	00:16	00:51	00:35	132kV Atri-Banki Feeder	At Atri end: B-N, Zone 2, Ib- 4.4kA, Dist- 17.58km	-	-	-	-	-	132kV Banki- Nuapatna feeder was in service.	-
182	Sambalpur	07.08.24	10:36	10:44	00:08	132kV Burla PH -Sambalpur Feeder	At Sambalpur end: No tripping At Burla PH end: O/C (B Ph), Ib- 1.19kA, Dist- 6.6km	Sambalpur Maneswar, Maneswar RTSS	00:08 00:13	-	-	0.005671	-	-
				11:54	01:18	132kV Rairakhhol-Maneswar Feeder	Supply failure from Sambalpur grid end							
183	Kalunga	07.08.24	14:09	14:40	00:31	132kV Budhipadar-Kalunga Feeder	At Kalunga end: Zone 1, Dist- 60.3km, Ir- 966.6A, Iy- 245.7A, Ib- 211.1A At Budhipadar end: R-N, Zone 1, Dist- 25.72km, Ir- 3.126kA	-	-	-	-	-	-	-
184	Kesinga	07.08.24	18:18	18:27	00:09	132kV Kesinga-Khariar Feeder	At Khariar end: B-N, Zone 1, Dist- 13.46km, Ib- 4kA	Khariar, Kantabanji, Kantabanji RTSS	00:09	-	-	0.005599	-	-
				18:33	00:15	132kV Kesinga-POWMEX Feeder	At Kesinga end: E/F, Ir- 0.089kA, Iy- 0.097kA, Ib- 0.102kA							
185	Balasore	07.08.24	19:57	20:11	00:14	132kV Balasore-Balasore RTSS Feeder	At Balasore end: O/C (R-Y), If- 0.411kA	Balasore RTSS	00:14	-	-	0.001887	-	-
186	Meramundali	08.08.24	10:07	16:46	06:39	400kV Meramundali-JSPL CKT II	At Meramundali end: Ib- 16.83kA	-	-	-	-	-	-	-
187	Meramundali	08.08.24	13:41	17:37	03:56	220kV Meramundali-Bhanjanagar Feeder	At Meramundali end: Zone 1, Dist- 28.56km, Ib- 4.084kA, B-N, Broken conductor	-	-	-	-	-	-	-
188	Baripada	08.08.24	17:01	17:40	00:39	132kV Baripada-Betanati Feeder	At Betanati end: R-Y-B, Zone 1, Dist - 12.60km, Ir- 0.118kA, Iy- 0.119kA, Ib- 0.182kA No tripping at Baripada end	Baripada Betanati	00:39 00:13	-	-	0.019263	-	-
				18:36	01:35	132kV Baripada-Baripada PG Feeder	At Baripada end: R-Y-B, Zone 1 ,Dist - 8.958km, Ir- 0.414kA, Iy-0.405kA, Ib- 0.461kA At Baripada PG end: Directional O/C & E/F, Ir- 5.86kA, Iy-5.58kA, Ib- 0.45kA, Dist- 11.2km							

FORMAT : B-3 &B-4

(July-Sept)

Partic - - - - -												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			
199	Khajuriakata	10.08.24	17:14	17:27	00:13	132kV Khajuriakata-Nuapatana-Dhenkanal Feeder	At Khajuriakata end: E/F, R & B Ph - E, Ir-1.52kA, Ib-1.50kA At Dhenkanal end: E/F, R & B Ph -E, Ir-1.57kA, Ib-1.5kA, Zone 3, Dist-57.12km	-	-	-	-	-	132kV Khajuriakata-Meramundali Feeder is in service	-
200	Rayagada	10.08.24	18:03	18:05	00:02	132kV Rayagada-Rayagada RTSS Feeder	At Rayagada end: O/C, R & B Ph	Rayagada RTSS	00:02	-	-	0.000229	-	-
201	Muniguda	10.08.24	20:26	20:28	00:02	132kV Muniguda-Bissam Cuttack RTSS Feeder	At Muniguda end: O/C, Ir- 0.276kA	Bissam Cuttack RTSS	00:02	-	-	0.000208	-	-
202	Therubali	11.08.24	11:36	11:54	00:18	220kV Jayanagar-U Kolab PH-Therubali Feeder	At Kolab end: B-N, Zone 2, Dist-107.1km, Ib-1.462kA	-	-	-	-	-	-	-
203	Duburi	11.08.24	23:52	12.08.24 15:49	15:57	132kV Duburi-Jajpur Road CKT II	At Duburi end: B-N, Zone 1, Dist-7.380km, Ib- 5.709kA At Jajpur Road end: Ib- 3.21kA, Zone 1, Dist- 5.31km	-	-	-	-	-	-	-
204	Budhipadar	12.08.24	04:28	10:17	05:49	220kV Budhipadar-Aditya AL CKT II	At Budhipadar end: Zone1, R-N, Dist-10.61km, Ir- 10.88kA At AAL end: Zone 1, R-N, Dist-9.68km, Ir- 7.67kA	-	-	-	-	-	-	-
205	Paradeep	12.08.24	11:40	11:55	00:15	132kV Paradeep-PPT CKT I	At Paradeep end: O/C (R Ph), Ir- 7.9 kA, ly- 0.13kA, Ib- 0.28kA	-	-	-	-	-	-	-
206	Kuchinda	12.08.24	12:16	12:33	00:17	132kV Kuchinda-Kutra SW Station Feeder	At Kuchinda end: Y-N, Zone 1, Dist-3.7km,Iy- 1.79kA At Kutra end: O/C & E/F (Y-N), ly-1.522kA, Dist- 80.95km	-	-	-	-	-	Kuchinda availed alternate supply from SMC end.	-
207	New Duburi	12.08.24	15:56	17:16	01:20	220kV New Duburi-Paradeep CKT I	At New Duburi end: O/C (Y-B Ph), Zone 4, Dist- 2.5km, Ir- 0.42kA, ly- 0.78kA, Ib- 0.82kA	Paradeep, A. M. Nippon Steel, IFFCO, IOCL, PPL, PPT, Siju } RTSS, tIRTOL } Kendrapada, } Marsaghai, } Kendrapada RTSS } Salipur } Maithan } Bamnipal }	00:25			0.074557	GSS Bhadrak was availing P/S from Balasore GSS. Pattamundai Grid was availing power supply from Olaver Grid.No power interruption at Pattamundai GSS.	-
				17:17	01:21	220kV New Duburi-Paradeep CKT II	At New Duburi end: Bus Bar Protection, Dist- 111.6km, Ir- 0.312kA, ly- 0.195kA, Ib- 0.506kA At Paradeep end: O/C (B Ph), Zone 2, Dist- 111.6km, Ir- 0.392kA, ly- 0.574kA, Ib- 0.941kA		00:47					
				13.08.24 12:20	20:24	220kV Main Bus-2 New Duburi	Bus Bar Protection		00:09					
				17:14	01:18	220kV New Duburi-Balimunda Feeder	B-N, Zone 4, Ir- 0304kA, ly- 0.13kA, Ib- 0.831kA		01:27					
				17:23	01:27	220kV New Duburi-Maithan Feeder	At New Duburi end: Bus Bar Protection At Maithan end: B Ph, Ir-1.229kA, ly-1.934kA, Ib-3.172kA		00:35					
				19:58	04:02	220kV Duburi-New Duburi CKT I	At Duburi end: Y-B Ph, Dist-4.897km, ly-2.45kA, Ib- 2.337kA							
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Partic - - - - -													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
				17:34	01:38	220kV Duburi-New Duburi CKT II	At New Duburi end: ly- 2.417kA, lb- 2.337kA, Dist- 4.89km At Duburi end: Y-B Ph, Zone 1, Dist- 5.812km, ly- 0.091kA, lb- 2.533kA							
				16:31	00:35	132kV Daitari-Bamnipal Feeder	At Daitari end: O/C, Ir- 0.113kA, ly- 0.126kA, lb- 0.128kA							
				17:12	01:16	220kV New Duburi-Bhadrak Feeder	At Bhadrak end: Zone 2, O/C (B Ph), lb-1.497kA, Dist- 67.34km							
				17:48	01:52	132kV Kendrapara-Pattamundai Feeder	At Pattamundai end: O/C (R-Y-B) , Ir- 0.53kA, ly- 0.54kA, lb- 0.52kA							
				16:15	00:19	220kV Meramundali-Meramundali B-Duburi Feeder	At Meramundali B end: Dist Protection							
				17:33	01:37	132kV Marsaghai-Paradeep Feeder	Source failure at Paradeep end							
				18:11	02:15	132kV Salipur-Kendrapara Feeder								
208	Daitari	12.08.24	21:31	22:07	00:36	132kV Daitari-Bamnipal Feeder	At Daitari end: Zone 1, Dist- 1.57km, Ir- 0.04kA, ly- 0.055kA, lb- 0.046kA	Bamnipal	00:36	-	-	0.003558	-	-
209	Kalunga	13.08.24	14:19	15:09	00:50	132kV Budhipadar-Kalunga Feeder	At Kalunga end: Zone 1, Dist- 6.426km , Ir- 199.1A, ly- 428.6A, lb- 4.792kA At Budhipadar end: B-N, Zone 2, Dist- 83.48km, lb- 1.177kA	-	-	-	-	-	-	-
210	Bhadrak	13.08.24	18:52	19:19	00:27	132kV Bhadrak-Dhamara port Feeder	At Bhadrak end: Zone 1, O/C (B Ph), lb- 3.037kA, Dist- 18.64km	Dhamara Port	00:27	-	-	0.003523	-	-
211	Bamra	13.08.24	19:52	20:20	00:28	132kV Bamra-Rajgangpur Feeder	At Bamra end: E/F (R-N), Zone 1, Dist- 33.02km, Ir- 5.92kA	Bamra	00:28	-	-	0.002945	-	-
212	Jayapatna	13.08.24	21:28	14.08.24 08:20	10:52	160MVA Auto TRF II	Water accumulated in OSR	-	-	-	-	-	-	-
213	Narendrapur	13.08.24	16:00	17:49	01:49	100MVA Auto TRF III	OTI, 86A & 86B Relay operated.	-	-	-	-	-	-	-
214	Soro	14.08.24	15:18	16:16	00:58	132kV Chandipur-Soro Feeder	At Soro end: Y-N, Zone 1, Dist- 6.68km, ly- 2.04kA At Chandipur end: Y-N, Zone 1, Dist- 25.4km, ly- 1.52kA	-	-	-	-	-	At that time of fault Soro was availing Power Supply from Bhadrak GSS & Chandipur GSS was availing Power Supply from Balasore GSS.	-
215	Karanjia	14.08.24	16:38	16:47	00:09	132kV Rairangpur-Karanjia Feeder	At Karanjia end: R-B, Ir- 0.39kA, ly- 0.29kA, lb- 0.37kA, Dist- 50.2km At Rairangpur end: R-B, Zone 1, Ir- 1.529kA, lb- 1.621kA, Dist-38.88km	Karanjia, Dhenkikote	00:09	-	-	0.002852	-	-
216	Meramundali	15.08.24	12:54	17:39	04:45	220kV Meramundali-Bhanjanagar Feeder	At Meramundali end: Main 1:- Zone 1, lb - 8.845kA, Dist- 13.86km Main 2:- Zone 1, lb - 7.076kA, Dist- 20.032km At Bhanjanagar end: B-N, Zone 2, lb- 0.kA, Dist-149.8km	-	-	-	-	-	-	-

Partic												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			
217	Rayagada	15.08.24	15:43 16:02	15:46 16:07	00:03 00:05	132kV Rayagada-Rayagada RTSS Feeder	O/C (R-B)	Rayagada RTSS	00:08	-	-	0.000917	-	-
218	Gondia	15.08.24	20:45	21:13	00:28	132kV Gondia-TTPS Feeder	At Gondia end: Ir- 0.04 kA, ly- 0.18kA, lb- 1.79kA, Dist- 6.4km At TTPS end: Ir- 43.99A, ly- 193.9A, lb- 1.456kA, Zone 2, Dist- 77.9km	-	-	-	-	-	-	-
219	Khariar	16.08.24	00:04	00:20	00:16	132kV Kesinga-Khariar Feeder	At Khariar end: R-Y, Zone 1, Dist- 12.65km, Ir- 3.6kA, ly- 3.3kA	Khariar, Kantabanji, Kantabanji RTSS	00:15	-	-	0.009332	-	-
220	Joda	16.08.24	03:55	04:41	00:46	220kV Telkoi-Joda Feeder	At Joda end: Y-B-N, Zone 1, Dist- 76.9km, iy- 1.569kA, lb- 1.606kA At Telkoi end: Y-B-N, Zone 1, Dist- 17.44km, ly- 2.361kA, lb- 2.29kA	Telkoi	00:46			0.001378	During this time Joda GSS availed power supply from 220kV Joda-Ramchandrapur and 220kV Joda-JSPL Feeder.	-
				04:50	00:55	220kV Joda-TTPS Feeder	At Joda end: Y-B-N, Zone 1, Dist- 78km, ly- 1.503kA, lb- 1.597kA At Telkoi end: Y-B-N, Zone 1, Dist- 66.78km, ly- 3.642kA, lb- 3.472kA							
				05:04	01:09	220kV Telkoi-TTPS Feeder	At TTPS end: Zone 1, Dist- 92.82km, Ir- 137.5A, ly- 2.566kA, lb- 2.504kA							
221	Tarkera	16.08.24	08:49	21:55	13:06	220kV Rengali-Tarkera Feeder	At Tarkera end: B-N, Zone 1, Dist- 44.085km, lb- 8.53kA At Rengali end: B-N, Zone 1, Dist- 98.73km, lb- 1.951kA	-	-	-	-	-	Bonai GSS availed power supply from Barkote GSS end.	-
				21:57	13:08	220kV Bonai-Tarkera Feeder	At Tarkera end: Zone 1, R-N, Dist- 15.4 km, Ir- 6.18kA							
222	Bamra	16.08.24	09:52	20:42	10:50	132kV Bamra-Rajgangpur Feeder	At Bamra end: O/C (R Ph), Dist- 0.56km, Ir- 4.753kA	-	-	-	-	-	-	-
223	Joda	16.08.24	10:05	10:27	00:22	220kV Joda-JSPL Feeder	At Joda end: B-N, Zone 1, Dist- 7.365km, lb- 5.836kA At JSPL end: B-N, Zone 1, Dist- 7.958km, lb- 1.3256kA	-	-	-	-	-	-	-
224	Lapanga	16.08.24	12:00	12:55	00:55	132kV Lapanga-Burla PH Feeder	At Lapanga end: B-N, Zone 1, Dist- 16.1km, lb- 7.32kA	-	-	-	-	-	-	-
225	Rayagada	16.08.24	15:13	15:16	00:03	132kV Rayagada-Rayagada RTSS Feeder	At Rayagada end: O/C, R & B PHASE	Rayagada RTSS	00:03	-	-	0.000344	-	-
226	Atri	16.08.24	22:35	23:58	01:23	132kV Atri-Banki Feeder	At Atri end: Y-B-N, IR= 298.7 A, ly- 5.552 kA, lb- 5.32 kA, Zone-2, Dist- 18.04km	-	-	-	-	-	132kV Banki- Nuapatna feeder was in service.	-
227	Budhipadar	16.08.24	23:00	23:22	00:22	132kV Budhipadar-Lapanga Feeder	At Budhipadar end: R-N, Zone1, Dist- 7.7km, Ir- 6.46kA At Lapanga end: R-N, Zone1, Dist- 9.1km, Ir-5.82kA	-	-	-	-	-	-	-

Partic

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			
228	Bangriposi	17.08.24	00:42	00:57	00:15	132kV Bangriposi-Rairangpur Feeder	At Bangriposi end: R-N, Zone 1, Dist- 13.3km, Ir- 3.06kA At Rairangpur end: R-N, Zone 1, Dist- 23.9km, Ir- 0.442kA	Rairangpur Karanjia Dhenikote	00:15 00:18 00:19	-	-	0.009719	-	-
229	Rayagada	17.08.24	05:45	05:47	00:02	132kV Rayagada-Rayagada RTSS Feeder	At Rayagada end: O/C (R-B)	Rayagada RTSS	00:12	-	-	0.001376	-	-
			06:11	06:13	00:02									
			07:18	07:21	00:03									
			07:41	07:44	00:03									
230	Bhadrak	17.08.24	09:19	09:28	00:09	132kV Bhadrak-Bhadrak RTSS Feeder	At Bhadrak end: O/C, If- 0.27kA	Bhadrak RTSS	00:09	-	-	0.001183	-	-
231	Choudwar	17.08.24	11:04	11:30	00:26	132kV Choudwar-T S Alloys Feeder	At Choudwar end: O/C (Y-B), Zone 3, Dist- 52.83km, ly- 2.067kA, lb- 2.197kA At TS Alloys end: No tripping	T S Alloys Ultratech	00:26 00:44	-	-	0.022311	-	-
				11:48	00:44	132kV TS Alloys-Ultratech Feeder	At TS Alloys end: No tripping At Ultratech end: O/C (Y-B), Zone 1, Dist- 1.3km, ly- 1.61kA, lb- 1.66kA							
				12:05	01:01	132kV Arati Steels-Ultratech Feeder	At Ultratech end: No tripping At Aarti end: Zone 1, Dist- 13.41km, Ir- 0.018kA, ly- 1.39kA, lb- 1.39kA							
232	Kamakhyana gar	17.08.24	11:08	11:19	00:11	132kV Kamakhyanagar-TTPS Feeder	At Kamakhyanagar end: Zone 1, Ir- 0.067kA, ly- 0.082kA, lb- 1.957kA, Dist- 7.828km	-	-	-	-	-	-	-
233	Joda	17.08.24	11:27	11:52	00:25	132kV Joda-Palasponga Feeder	At Joda end: B-N, lb- 9.154kA	Polasponga, ESIL, MSP, OSISL, Patnaik Steel, Kendujhargarh RTSS	00:25	-	-	0.023593	-	-
234	Muniguda	17.08.24	12:20	12:22	00:02	132kV Muniguda-Bissam Cuttack RTSS Feeder	At Muniguda end: O/C, Ir- 267.2A	Bissam Cuttack RTSS	00:02	-	-	0.000208	-	-
235	Duburi	17.08.24	14:48	16:38	01:50	132kV Duburi-Mishrilal Feeder	At Duburi end: B-ph, Zone 1, Dist- 2.764km, lb- 9.388kA	Mishrilal	01:50	-	-	0.018261	-	-
236	New Duburi	17.08.24	15:05	17:52	02:47	400kV New Duburi-Meramundali CKT II	At New Duburi end: R-N, Zone 1, Dist- 50.4km, Ir- 4.72kA At Meramundali end: R-N, Zone 1, Ir- 6.86kA	-	-	-	-	-	-	-
237	Telkoi	17.08.24	15:11	15:46	00:35	220kV Telkoi-TTPS Feeder	At Telkoi end: Y-N, Zone 1, Dist- 48.61km, ly- 1.084kA At TTPS end: Zone 1, Dist- 25.29km, ly- 5.725kA, AR lock out	-	-	-	-	-	220kV Telkoi-Joda Feeder was in service.	-
238	Gondia	17.08.24	15:22	16:06	00:44	132kV Gondia-TTPS Feeder	At Gondia end: Ir- 0.12kA, ly- 0.13kA, lb- 1.83kA, Dist- 13.6km At TTPS end: Ir- 121.3A, ly- 128.8A , lb- 1.945kA, Dist-58.29 kms	-	-	-	-	-	-	-

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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			
239	Choudwar	17.08.24	16:32	18.08.24 19:27	26:55:00	132kV Choudwar-TS Alloys Feeder	At Choudwar end: O/C (R Ph), Zone 1, Dist- 11.42km, Ir- 4.549kA At TS Alloys end: O/C (R Ph), Zone 1, Dist- 9.35km, Ir- 2.306kA	TS Alloys	26:55:00	-	-	0.514754	-	-
240	Rayagada	17.08.24	16:00	16:02	00:02	132kV Rayagada-Rayagada RTSS Feeder	At Rayagada end: O/C (R-B)	Rayagada RTSS	00:02	-	-	0.000229	-	-
241	Dhenkanal	18.08.24	04:25	04:39	00:14	132kV Dhenkanal-Joranda RTSS Feeder	At Dhenkanal end: E/F (R-N), Ir- 2.689kA, Zone 2, Dist- 17km	Joranda RTSS	00:14	-	-	0.001851	-	-
242	Palasponga	18.08.24	05:36	08:52	03:16	132kV Palasponga-Turumunga Feeder	At Palasponga end: B-N, Dist- 120.6km, Ib- 0.91kA	-	-	-	-	-	Line was idle charged from Palasponga end	-
243	Padampur	18.08.24	07:01	07:32	00:31	132kV Patnagarh-Padampur Feeder	At Padampur end: R-N, Ir- 1.597kA, Dist- 3.07km, Zone 4	Padampur Nuapada, Nuapada RTSS	00:31 00:23	-	-	0.017442	-	-
				07:40	07:40	132kV Nuapada-Padampur Feeder	At Padampur end: R-N, Ir- 1.99kA, Zone 1 At Nuapada end: R-N, Zone 1, Dist- 51.38km, Ir- 0.118kA							
244	Bargarh New	18.08.24	13:05	13:43	00:38	132kV Bargarh New-Bhatli CKT II	At Bargarh New end: O/C (R-N), Zone 1, Dist- 27.8km	-	-	-	-	-	-	-
245	Rairakhol	18.08.24	13:29	14:28	00:59	132kV Rairakhol-Maneswar Feeder	At Rairakhol end: Remote End Tripping	-	-	-	-	-	The feeder was in idle charged condition at the time of fault occurrence.	-
246	Jajpur Town	18.08.24	14:20	15:16	00:56	132kV Bhadrak-Jajpur Town Feeder	At Jajpur Town end: B-N, Zone 1, Dist- 1km, Ib- 0.273kA	Jajpur Town	00:18	-	-	0.010451	At 14:38hrs Jajpur Town GSS availed P/s from Jajpur Road GSS	-
247	New Duburi	18.08.24	14:45	20:53	06:08	220kV New Duburi-JSL CKT I	At New Duburi end: O/C,Dist Protection, Remote End Tripping,BT BACK UP RELAY OPERATED,Dist- 5.381km,IL-1.039kA	Jindal	06:08			0.285841		
				29.08.24 17:50	267:05:00	220kV New Duburi-JSL CKT II	At New Duburi end: Dist Protection, Remote End Tripping,GENERAL TRIP ,B-PHASE PU,Zone 1 TRIP EF L3E LOOP Dist-1.3km I3- 6.82kA,GENERAL TRIP, B-PH PICK UP, E/F PU, ,Dist-4.358km,IL-1.3kA							
				21:28	06:43	220kV New Duburi-Paradeep CKT I	At New Duburi end: Zone 1 IL1- 7.09kA IL2-6.9kA IL3-1.4kA Dist- 0.2km At Paradeep end: O/C,Due to CT burst of jindal ckt II at New duburi end							
				15:21	00:36	315MVA ICT-2 New Duburi	Differenial,NO RECORD							
				15:33	00:48	220kV New Duburi-Dhamra Feeder	At New Duburi end: Dist Protection						-	-

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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			
				15:34	00:49	220kV Duburi-New Duburi CKT II	At Duburi end: O/C,Back up Relay :- ,pick up - 535 ms,Trip Time - 447 ms							
				19:08	04:23	220kV Duburi-New Duburi CKT I	At Duburi end: Dist Protection,DP Relay :-,Started phase - C N,Fault Duration -346.4 ms,System Frequency - 50.04 Hz,Ia =94.67 Amp ,Ib- 136.0 Amp ,Ic= 2.893 kAmp, Van =120.2 KV ,Vbn =118.7 KV ,Vcn =19.18 KV,Back up Relay :-,Pick up - 543 ms,Trip time -450 ms,B-ph ,E/F							
				16:02	01:17	132kV Kendrapara-Ramco Feeder	At Kendrapara end: Dist Protection,Tripped on E/F and DP,Zone 1, Dist-25.17km, IR=2.84kA							
248	Chandpur	18.08.24	16:17	17:08	00:51	132kV Atri-Chandpur Feeder	At Chandpur end: R-B Ph, Zone 1, Dist-15.5km, Ir- 1.09kA, Ib- 1.12kA At Atri end: R-B Ph, Zone 1, Dist-26km, Ir- 4.26kA, Ib- 4.436kA	-	-	-	-	-	Heavy lightning and thunderstorm.	-
249	Kalunga	18.08.24	16:31	18:31	02:00	132kV Budhipadar-Kalunga Feeder	At Kalunga end: Earth Fault,Tripped ph- R-N, Zone - 1, Dist- 57.67 km, fault duration-53.34 ms, Relay Trip time- 80.01 ms, Ir= 1.347 kA, Iy- 109.7 A, Ib- 84.09 A, Fault Resistance - 13.06 ohm At Budhipadar end: D/P operated, Fault loop: Rph-E,Zone1, Dist-33.47 km, Duration=71.67 ms, Ir=2.63 kA,Iy- 123.8 A, Ib-36.41 A	-	-	-	-	-	-	-
250	Bamra	18.08.24	16:36	18:34	01:58	132kV Budhipadar-Bamra Feeder	At Bamra end: Earth Fault,D.P- Fault Loop- L1-N, Zone- 1, Dist-14.33km,R-Phase operated, Dist- 71.67ms,RTT=79.96ms, Ia=3.232kA, Ib-215.2A,Ic=299.8A, In-3921.07 At Budhipadar end: Dist Protection, Fault loop: Rph-N,Zone1, Dist-33.84 km, Duration=40.33 ms Ir=2.40 kA,Iy-205.7 A, Ib-306.3 A	Bamra	01:58	-	-	0.012412	-	-

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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			
251	Rayagada	19.08.24	06:05	06:06	00:01	132kV Rayagada-Rayagada RTSS Feeder	At Rayagada end: O/C, R & B PHASE	Rayagada RTSS	00:01	-	-	0.000115	-	-
252	Telkoi	19.08.24	11:10	11:32	00:22	220kV Telkoi-TTPS Feeder	At Telkoi end: AR successful at TELKOI end only. (i) Started phace CN (ii) Tripped phase C (iii) Zone 1 (iv) Dist-19.12 km (vi) Ia=36.26 A , Ib-120.5 A , Ic = 1.177 kA , At TTPS end: (i) Zone 1 (ii) Dist-77.14 km (iii) Ia=8.569 A , Ib-132 A , Ic =1.944 kA	-	-	-	-	-	No Area interruption .Power availed from 220kV TELKOI-JODA feeder while 220kV TELKOI-TTPS feeder tripped.	-
253	Padampur	19.08.24	11:27	11:41	00:14	132kV Patnagarh-Padampur Feeder	At Padampur end: Dist Protection,PH-AB,Ia-1.986kA, Ib-1.760kA,Ic-321.4A, Dist:-824.2Meter, Zone4,	Padampur Nuapada, Nuapada RTSS	00:14 00:15	-	-	0.009242	-	-
				11:42	00:15	132kV Nuapada-Padampur Feeder	At Nuapada end: Remote End Tripping,SOURCE FAILURE							
254	Pattamundai	19.08.24	16:12	16:55	00:43	132kV Pattamundai-Rajnagar CKT II	At Pattamundai end: Dist Protection,Zone 1 , Ir=3.17kA , ly-0.05kA , Ib-0.06kA , Dist-7.4km At Rajnagar end: Dist Protection,Zone 1, Dist-8 km, Ir=0.85kA, ly-0.06kA, Ib-0.07kA	-	-	-	-	-	-	-
255	ICCL SW Station	19.08.24	17:50	20.08.24 11:01	17:11	132kV ICCL-Bahugram Feeder	At ICCL SW Station end: Dist Protection,B-Ph, Zone-2,Dist-23km, If=3.4kA	Bahugram	17:06			0.051520	B-Ph insulator string punctured at loc 99 of 132kV ICCL -Bahugram-Salipur DC T line. P/S was available on 132kV OCL-Salipur Line (No interruption to GSS Salipur).	-
				18:54	01:04	132kV Salipur-Kendrapara Feeder	At Kendrapara end: Dist Protection,Tripped on DP,Zone 1, Dist-27.58km, IR=3.2kA							
				20.08.24 10:56	17:06	132kV Salipur-Bahugram Feeder	At Salipur end: Dist Protection,C N, Zone 1, Frequency: 49.87 Hz, Fault Duration: 78.54 ms, Relay Trip Time: 80.21 ms, Fault loc.: 1.25 km, Ia = 82.9 A, Ib = 219.5 A, Ic = 1.6 kA, Van = 84.3 kV, Vbn = 83.1 kV, Vcn = 5.8 kV, Fault Resistance = 3.9 Ohm							
256	Budhipadar	19.08.24	20:30	21:10	00:40	132kV Budhipadar-Sundargarh CKT II	At Budhipadar end: Dist Protection, DP: loc-6.14 km, Ia=7.037 kA, Ib-64 A, Ic=149 A, In=7.048 kA At Sundargarh end: Dist Protection,AG-T, Loc.=19.88 km, Zone 1, Ia=938 A, Ib-72 A, Ic=151 A,In=1136 A	-	-	-	-	-	-	-

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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			
257	Rayagada	19.08.24	00:00	06:02	06:02	132kV Rayagada-Rayagada RTSS Feeder	At Rayagada end: O/C, R & B PHASE	Rayagada RTSS	06:02	-	-	0.041501	-	-
258	Nuapada	20.08.24	03:13	03:25	00:12	132kV Nuapada-Padampur Feeder	At Nuapada end: Dist Protection,Zone 1, started phase A,N, tripped ph ABC, Dist 28.10 km Ia 155A Ib 110.8A Ic 212A At Padampur end: Dist Protection,Zone 1, started phase A,N, tripped ph ABC, Dist 28.10 km Ia 155A Ib 110.8A Ic 212A	Nuapada	00:12	-	-	0.003052	-	-
259	Sambalpur	20.08.24	04:34	05:02	00:28	132kV Burla PH -Sambalpur Feeder	At Sambalpur end: No tripping At Burla PH end: tripped on Bph O/C, DP,Zone 1, Ib-1.34kA	-	-	-	-	-	-	-
260	Palasponga	20.08.24	06:17	06:20	00:03	132kV Palasponga-Kendujhargarh RTSS Feeder	At Palasponga end: O/C,IA=300.3A,Ib-288.8A,IC=18.63A,INM=6.33A,IND=7.01A	Kendujhargarh RTSS	00:03	-	-	0.000414	-	-
261	Kuarmunda	20.08.24	08:57	17:17	08:20	220kV Kuarmunda-Tarkera Feeder	At Kuarmunda end: Dist Protection,DP-1:,1) Fault Loop: C-N,2) Zone: Zone 1,3) Dist: 19:31 km,4) Current in R, Y, B, N: IA=521.5 A, Ib-182.0 A, IC= 2.311 kA, IN=2.982 kA.,5) Fault duration: 49 ms.,6) Fault Resistance: N/a.,7) AR if Zone1: N/a,8) DP-2:,1) Fault Loop: L3-N,2) Zone: Zone 1,3) Dist: 19.25 km,4) Current in R, Y, B, N: IA=518.11 A, Ib-181.91 A, IC= 2.306 kA, IN=2.976 kA.,5) Fault duration: N/a.,6) Fault Resistance: N/a.,7) AR if Zone1: Failed. At Tarkera end: Dist Protection,DP1 : Zone 1, LOOP : L3-N, Dist: 7.3 km, IL3=11.48 kA,DP2 : Zone 1, LOOP : C-N, Dist = 6.92 km, IC=11.91 kA	-	-	-	-	-	KUARMUNDA AVAILED POWER SUPPLY FROM BUDHIPADAR GRID ENDS.	-
262	Therubali	20.08.24	09:09	09:22	00:13	220kV Therubali-Aska New Feeder	At Therubali end: Dist Protection,Remote end: B-N,Zone 1,157km,Ib-0.885kA	-	-	-	-	-	-	-

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			
263	Telkoi	20.08.24	12:13	12:40	00:27	220kV Telkoi-TTPS Feeder	At Telkoi end: Dist Protection,220kV TELKOI-TTPS feeder tripped from both end ,AR successful at TELKOI end only. DP main-1(i) Started phace CN (ii) Tripped phase C (iii) Zone 1 (iv) Dist-18.92 km (vi) Ia=58.33 A , Ib-146.0 A , Ic = 1.235 kA , Van=152.2 KV , Vbn= 143.5 KV , Vcn=48.44 KV. DP main-2 (i) Tripped phase CG (ii) Zone 1 (iii) Dis-14.7 km (iv) Ia=48.150 A , Ib-101.976 A , Ic = 1.283 kA ,In=1.416 kA , Van=149.760 KV ,Vbn= 136.849 KV , Vcn=40.154 KV. At TTPS end: (i) Zone 1 (ii) Dist-74.15 km (iii) Ia=29.16 A , Ib-152 A , Ic =2.07 kA	-	-	-	-	-	No Area interruption .Power availed from 220kV TELKOI-JODA feeder while 220kV TELKOI-TTPS feeder tripped.	-
264	Bhanjanagar	20.08.24	13:28	13:47	00:19	220kV Bhanjanagar-Therubali CKT I	At Bhanjanagar end: Dist Protection,Remote End Tripping,A-N,Zone 2, 205.8km,IA=0.792kA,R-N,Zone 1,d=47.95km,Ir=2.06kA At Therubali end: Dist Protection,Other end: R-N,Zone 2,198.4km,Ir=0.814kA	-	-	-	-	-	-	-
				13:48	13:48	220kV Bhanjanagar-Therubali CKT II	At Bhanjanagar end: Dist Protection,Remote End Tripping,R-N,Zone 2,D=198.4km,Ir=0.814 kA,R-N,Zone 1,D=30.71km,Ir=2.08kA At Therubali end: Dist Protection,Other end: R-N,Zone 2,205.8km,Ir=0.792kA							
265	Cuttack	20.08.24	15:25	16:20	00:55	220kV Cuttack-Pratapsasan CKT I	At Cuttack end: Dist Protection, Zone 1 in R phase (Top Conductor).Ir=3.176 kA, Iy-7.692 A, Ib- 5.517 A, Dist = 18.3 kms	-	-	-	-	-	The Line is complete upto Tower Dist No. 53. The line is charged for anti-theft reasons. Hence, There was no supply interruption. The line was given a test charge at 16:20 hrs after thunder and lightning had resided and it stood OK.	-

Partic - - - - -												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			
266	Tarkera	20.08.24	15:40	19:57	04:17	220kV Bonai-Tarkera Feeder	At Tarkera end: Dist Protection,DP1 : Zone 1, LOOP : L3-N, Dist : 0.55 km, IL3=16.85 kA,DP2 : Zone 1, LOOP : C-N, Dist-0.587 km, IC=17.66 kA	-	-	-	-	-	BONAI AVAILED POWER SUPPLY FROM BARKOTE GRID END.	-
267	Khariar	20.08.24	16:58	18:18	01:20	132kV Bhadrak-Soro Feeder	At Soro end: Dist Protection,C-G, Trip Zone 1,Dist=28.739 km,IA=79.2 A,Ib-66.8A, IC=1.079kA,IN=1.053kA, VA=74.60KV,VB=75.40KV,VC=24.814 KV. At Bhadrak end: Dist Protection,Zone 1 ,O/C bphase,Ia-82.10A,Ib-55.56A,Ic-5.956kA, Dist-7.019km	-	-	-	-	-	At that time of fault Soro Grid was availing Power Supply from Chandipur GSS through 132kV Soro-Chandipur line & Chandipur GSS was availing Power Supply from Balasore. Weather Condition - Cloudy.No Fault was found after Patrolling of Line Maintenance Team & Line was charged.	-
268	Kesinga	21.08.24	02:15	02:45	00:30	132kV Powmex Feeder	At Kesinga end: Earth Fault,ELECTROMAGNETIC RELAY OPERATED	-	-	-	-	-	-	-
269	Lapanga	21.08.24	04:29	05:19	00:50	132kV Lapanga-Hirakud Feeder	At Lapanga end: Dist Protection,FAULT LOOP-L3-E Zone 1 IL1-0.01kA IL2-0.01kA IL3-3.3kA Dist-47.5km	-	-	-	-	-	-	-
270	Khariar	21.08.24	05:45	05:49	00:04	132kV Kesinga-Khariar Feeder	At Khariar end: Dist Protection,ZONE1 OPERATED, FAULT Dist. 13.6 km AND FAULT CURRENT ON B-ph IS 3.7 kA	-	-	-	-	-	-	-
271	Lapanga	21.08.24	07:40	09:27	01:47	132kV Lapanga-Hirakud Feeder	At Lapanga end: Dist Protection,FAULT LOOP-L3-E Zone 1 IL1-0.01kA IL2-0.01kA IL3-4.72kA Dist-31.8km	-	-	-	-	-	-	-
			07:45	09:03	01:18	132kV Lapanga-Burla PH Feeder	At Lapanga end: Dist Protection,FAULT LOOP-L3-E Zone 1 IL1-0.01kA IL2-0.01kA IL3-3.42kA Dist-46.5km							
272	Sambalpur	21.08.24	08:11	11:02	02:51	132kV Sambalpur-Maneswar Feeder	At Sambalpur end: At Sambalpur end: tripped on Zone 1, R ph E/F, Zone 1, Ia=6513A, Ib-175A,Ic=123A,Ig=6436A, Fault Dist.=11.15km, fault duration=75.985ms At Maneswar end: Tripped on Z4, Rph E/F, Ia=4120A, Ib-5A,Ic=5A,fault Dist.= 19km	-	-	-	-	-	-	-

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			
273	Bhanjanagar	21.08.24	10:03	14:43	04:40	220kV Meramundali-Bhanjanagar Feeder	At Bhanjanagar end: C-N, Z2, Ic- 796 A, Dist-115.6 km,CN, Zone 1, Ic - 12.06 kA, 8.287 km At Meramundali end: Main 1:- Event 1: B, Zone 1, Ib - 12.06 kA, 8.287 km Event 2: B-N, Ib - 12.87 kA Main 2:- Event 1: B-N, Zone 1, Ib - 12 kA, 13.664 km Event 2: B-N, Zone 1, Ib - 404 A, -1 km,B-N, Z2, Ib- 746 A, Dist-115.6 km	-	-	-	-	-	-	-
274	Bhubaneswar	21.08.24	12:28	12:58	00:30	132kV Phulnakhara-Bhubaneswar Feeder	At Bhubaneswar end: Dist Protection,Ir=123.6A,Iy-45.53,Ib-3.84kA,Dist-12.16km, Zone 1 At Phulnakhara end: Dist Protection, B Phase to EF. Zone 1. Dist 14.73km. Ir 130.3Amp. Iy 38.96Amp. Ib 2.967kAmp.	-	-	-	-	-	-	-
275	Karanjia	21.08.24	12:40	12:53	00:13	132kV Rairangpur-Karanjia Feeder	At kAranjia end: Dist Protection,Dist pick up=L2-E, IL1=0.28kA, IL2=0.28kA, IL3=0.35kA, Dist-30.2km	Karanjia, Dhenkikote	00:13	-	-	0.004120		
				12:59	00:19	132kV Turumunga-Karanjia Feeder	At kAranjia end: Dist Protection,Dist pick up=L2-E, IL1=0.12kA, IL2=1.17kA, IL3=0.16kA, Dist-25.1km At Rairangpur end: DIR E/F TRIP,IA=1.409kA,Ib-1.045kA,IC=428.7A							
276	Jajpur Town	21.08.24	13:20	17:45	04:25	132kV Jajpur Town-Jajpur Road Feeder	At Jajpur Town end: Remote End Tripping,Started phase Y-N, Tripped phase Y-N, Zone 1, Dist-6.28km, I _r =5.17A, I _{yn} =5.54kA, I _{bn} =6.11A, V _{yn} =79.67 KV, V _{yn} =32.86KV, V _{bn} =78.69KV, Fault resistance=0.4 ohm At Jajpur Road end: Dist Protection,FAULT CURRENT: IA=5.174A,Ib-5.542kA,IC=6.114A;F. VOLTAGE: VAN=79.67KV,VBN=32.86KV,VCN=78.69KV; F. Zone 1; FAULT RESISTANCE=486.4mu2126; Dist-6.288km	-	-	-	-	-	-	-
277	Somnathpur	21.08.24	13:35	14:54	01:19	132kV Somnathpur-IMAMI	At Somnathpur end: Tripped	IMAMI	01:19	-	-	0.004936	Due to heavy rain and lightening	-

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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			
278	Balasore	21.08.24	17:55	18:16 18:18	00:21 00:23	63MVA TRF III 63MVA TRF I, II	E/F	Balasore	00:21	-	-	0.019801	-	-
279	Berhampur	21.08.24	18:57	23.08.24 15:20	20:23	132kV Berhampur-Hinjili Feeder	At Hinjili end: Dist Protection,Micom P442,Zone 1,Fault Dist-747.6m,Fault records ,Ia-145.5A,Ib-27.72A,IC-3.108kA At Berhampur end: DP RELAY B-phase,ZONE-2,Dist-,Ib-3.56kA	Berhampur Hinjili	00:08 00:30	-	-	0.009555	Failure of B-ph Tension insulator at Loc. No. 56 of 132kV Berhampur-Hinjili Line	-
				19:05	00:08	132kV Narendrapur-Berhampur CKT I & II	At Narendrapur end: Overcurrent & E/F Relay operated. Relay:- B-phase to E/F.IL3= 1.42kAmp							
				19:14	00:17	132kV Digapahandi- Berhampur line	At Digapahandi end: Back up relay,Bphase earth fault, fault currents ia-0.17kA,ib-0.37kA,ic-1.44kA							
280	Joda	21.08.24	19:20	20:16	00:56	220kV Joda-JSPL Feeder	At Joda end: Dist Protection,Relay at Joda end: -,D.P.Relay,Fault loop u2013 L1-N,Zone-2,Dist-14.255km,Ia=4583.13A, Ib-335.87A, Ic=70.34A, IN-4871.04A At JSPL end: D.P Relay,Trip ph-AN,Zone 1,Fault Dist =1.376km,Fault current:-, Ia =1.532kA, Ib- 347.1A, Ic=66.33A	-	-	-	-	-	-	-
281	Barbil	21.08.24	20:46	21:23	00:37	132kV Joda-Barbil Feeder	At Joda end: Fault Phase : CAT,Dist-4.07km, Fault Current: Ia=5126A,Ib-173A,Ic=7455A,Ig=2942At Barbil end: Breaker not tripped and no indication	Barbil Bolani, ARYA Steel, IMTCPL BRPL	00:20 00:13 00:14	-	-	0.006448	At 21:07Hrs Barbil GSS availed power supply from Rourkela GSS end through 132kV Barbil-Bolani line At 21:37Hrs 132kV Barbil-Joda feeder was charged at Barbil GSS end and stood ok and availed power supply from Joda GSS end	-
282	Hinjili	21.08.24	21:20	23.08.24 15:22	#WERT!	132kV Berhampur-Hinjili Feeder	At Hinjili end: Dist Protection,Micom P442 Relay,Zone- None,Dist =0.747km,Ia= 4.20A,Ib-3.93kA,Ic=3.93kA,VAN=76.07KV,VBN=38.58KV,VCN=38.27KV	-	-	-	-	-	No interruption as 132kV Aska New-Hinjili was charged during this time.	-
283	Barbil	21.08.24	21:35	22:58	01:23	132kV Barbil-KSP(RML) Feeder	At Barbil end:Tripped Phase: ABC, Fault Current: Ia=42A,Ib-43A,Ic=41A At KSP end: Ia=261.1A, Ib-50.89A,Ic=299.4A, Dist.=9.069km	KSP(RML)	01:23	-	-	0.013957	Delay charged due to SF6 lockout operated at Barbil GSS end and due to heavy lightening with rainy.	-

PARTICULARS													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			
284	Meramundali	21.08.24	23:43	22.08.24 10:34	#WERT!	132kV Meramundali-Khajuriakata Feeder	At Meramundali end: Dist Protection,Remote End Tripping,B-E, Ib - 9.887 kA, Zone 1, 6.4912 km,B-E, Ib - 0.696 kA, Zone 1, 16.1 km At Khajuriakata end: Dist Protection,Remote End Tripping,B-E, Ib - 0.696 kA, Zone 1, 16.1 km,B-E, Ib - 9.887 kA, Zone 1, 6.4912 km	-	-	-	-	-	132kV Khajuriakata-Dhenkanal-Nuapatha Feeder is in service	-
285	Bargarh New	22.08.24	05:07	05:42	00:35	220kV Bargarh New-Bolangir New Feeder	At Bargarh New end: Dist Protection,Earth Fault, Ia-1.857kA, Ib-106.8A, Ic-306.2A, Zone-2, Fault Dist-55.54km	-	-	-	-	-	-	-
286	Tusura	22.08.24	05:39	06:26	00:47	132kV Tusura-ACME Feeder	At Tusura end: O/C, tripped phase A&C. IA=462.4A, Ib=408A, IC=419.3A, master trip relay 86A&86A operated.	-	-	-	-	-	-	-
287	Muniguda	22.08.24	07:11	07:12	00:01	132kV Muniguda-Bissam Cuttack RTSS Feeder	At Muniguda end: O/C,Ia=266.8 A, Ib=264 A	Bissam Cuttack RTSS	00:01	-	-	0.000104	-	-
288	Bolangir New	22.08.24	10:36	19:20	08:44	220kV Bolangir New-Kesinga Feeder	Tripped without any relay indication	-	-	-	-	-	220kV Bolangir PG-Kesinga ckt was in service to meet the load demand of GSS kesinga.	-
289	Jaleswar	22.08.24	12:05	14:05	02:00	132kV Jaleswar-Basta Feeder	At Jaleswar end: Dist Protection,Zone 1, Y ph-Gnd, Dist :1.312 km , Ir-28.0A, Iy-2164.8A, Ib-129.6A, V,-81.241KV, Vyn-5.451 KV, Vbn-86.35 KV At Basta end: Dist Protection,Y-PH-Gnd,zone-2,Dist-20.12km.IR-19.26A,IY-1.867kA,Ib-123.0A.V,-77.89kv,Vyn-28.55kv,Vbn-80.65kv	-	-	-	-	-	-	-
290	Palasponga	22.08.24	16:36	16:38	00:02	132kV Palasponga-Kendujhargarh RTSS Feeder	At Palasponga end: O/C,IL1=299.7A,IL2=274.3A,IL3=36.2 9A,INM=6.92A,IND=4.57A	Kendujhargarh RTSS	00:02	-	-	0.000276	-	-
291	Paradeep	22.08.24	19:12	19:21	00:09	132kV Paradeep-IFFCO CKT II	At Paradeep end: O/C,Pull out due to overload	-	-	-	-	-	-	-
292	Bolangir New	22.08.24	20:21 21:23	20:53 23.08.24 07:10	00:32 09:47	220kV Bolangir New-Kesinga Feeder	Pole discrepancy	-	-	-	-	-	220kV Bolangir PG-Kesinga ckt was in service.	-

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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			
293	Bamra	23.08.24	00:21	00:37	00:16	132kV Bamra-Rajgangpur Feeder	At Rajgangpur end: Dist Protection,IA-604A,IB-2.426kA,IC-391.5A,IN-2.417kA Zone 1, LOC-33.78km At Bamra end: Earth Fault,D.P- Fault Loop- L2-N, Zone- 1, Dist-33.78km,Y-Phase operated, Dist-160.0ms,RTT=79.98ms, Ia=606.6A, Ib-2.426kA,Ic=391.5A,In=2.417kA	-	-	-	-	-	-	-
			00:38	12:59	12:21		At Bamra end: Earth Fault,D.P- Fault Loop- L1-N, Zone- 1, Dist-14.00km,R-Phase operated, Dist-73.3ms,RTT=79.97ms, Ia=4.503kA, Ib-146.9A,Ic=370.5A,In=4.717kA							
294	Palasponga	23.08.24	09:05	09:07	00:02	132kV Palasponga-Kendujhargarh RTSS Feeder	At Palasponga end: O/C,IA=299.9A,Ib-239.5A,IC=74.42A,INM=6.618A,IND=6.9A	Kendujhargarh RTSS	00:02	-	-	0.000276	-	-
295	Chatrapur	23.08.24	11:23	11:26	00:03	132kV Chatrapur-Rambha RTSS Feeder	At Chatrapur end: O/C,Back-up relay, O/C (R-Y)Ph with M/R (IR=0.26kA,Iy-0.25kA)	Rambha RTSS	00:07	-	-	0.000568	-	-
			14:56	15:00	00:04		At Chatrapur end: O/C,Back-up relay, O/C (R-Y)Ph with M/R (IR=0.27kA,Iy-0.26kA)			-	-		-	-
296	Budhipadar	23.08.24	17:54	19:34	01:40	132kV Budhipadar-Kalunga Feeder	At Budhipadar end: Dist Protection,D/P operated: F.L- A-N, ZONE 1, Dist-37km, Distur- 56.74ms, IA-2.017kA, IB-74.85A, IC-44.15A F.resistance-14.98ohm, At Kalunga end: Earth Fault,Tripped ph- R-N, Zone- 1, Dist- 44.78 km, Fault Duration- 120.2 msec, Relay Trip time-, Ir= 1.188 kA, Iy-57.04 A, Ib-38.49 A, Fault Resistance - 20.49 ohm	Bamra	01:00			0.006311		

Partic												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			
			17:59	19:40	01:41	132kV Budhipadar-Bamra Feeder	At Budhipadar end: Dist Protection,D/P operated: F.L- A-N, ZONE 1, Dist-39.69km, Distur-66.56ms, IA-2.388kA, IB-321.5A, IC-389.6A F.resistance-4.917ohm, At Bamra end: Earth Fault,D.P- Fault Loop- L1-N, Zone- 1, Dist-8.85km,R-Phase operated, Dist-74.88ms,RTT=79.87ms, Ia=4.427kA, Ib-330.9A,Ic=383.0A Ig=1.953A			-	-		-	-
			17:39	24.08.24 00:04	06:25	132kV Bamra-Rajgangpur Feeder	At Bamra end: Earth Fault,D.P- Fault Loop- L1-N, Zone- 1, Dist-8.38km,R-Phase operated, Dist-71.70ms,RTT=80.04ms, Ia=5.724kA, Ib-11.58A,Ic=10.95A,In=4.717kA							
297	Kuchinda	23.08.24	18:09	18:31	00:22	132kV Kuchinda-Kutra SW Station Feeder	At Kuchinda end: R-N, Zone 1, Dist-38.36km, Ir=1.2kA At Kutra end: R-N, Zone 1, Dist-20.5km, Ir=2.758kA	-	-	-	-	-	GSS got alternate supply from SMC end.	-
298	Khajuriakata	23.08.24	19:09	19:26	00:17	132kV Khajuriakata-Nuapatana-Dhenkanal Feeder	At KhajuriakAta end: O/C,Zone 1, R & Y ph O/C, Ir-2.96kA, Iy-2.87 kA, Dist-9.0km At DhenkAnal end: O/C,Zone 1, R & Y ph O/C, Ir-1.89kA, Iy-1.99 kA, Dist-27.16km, Zone 1	-	-	-	-	-	132kV Khajuriakata-Meramundali Feeder is in service	-
299	Budhipadar	23.08.24	22:26	24.08.24 00:31	02:05	132kV Budhipadar-Kalunga Feeder	At Budhipadar end: A-C-N, ZONE 1, Dist-40.91km, IA-3.111kA, IB-191.5A, IC-3.645kA At Kalunga end: E/F, R-N, Zone 1, Dist- 44.78 km, Ir=1.188 kA, Iy-57.04 A, Ib-38.49 A	Bamra	00:41			0.004313		

Partic

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			
		-	23:08	23:49	00:41	132kV Budhipadar-Bamra Feeder	At Budhipadar end: Dist Protection,D/P operated: F.L- A-N, ZONE 1, Dist-36.30km, Distur-51.66ms, IA-2.438kA, IB-219.6A, IC-553.4A F.resistance-9.196ohm At Bamra end: Earth Fault,D.P- Fault Loop- L1-N, Zone- 1, Dist-12.19km,R-Phase operated, Dist-71.66ms,RTT=79.99ms, Ia=2.707kA, Ib-233.5A,Ic=554.3A Ig=3.551A			-	-		-	-
300	Budhipadar	24.08.24	00:31	06:01	05:30	132kV Lakhanpur-Budhipadar Feeder	At Budhipadar end: Dist Protection,D/P Operated: Zone 1, Fault loop -C-N, Fault Dist: 7.893km, Fault duration: 78.38ms, Ia- 65.70A, Ib- 123.7A, Ic- 15.52kA, At Lakhanpur end: Dist Protection,Phase-BN, (Ia-0.07kA, Ib-0.12kA, Ic-0.62kA), Zone 1, Dist-19.4km	-	-	-	-	-	-	-
301	Padampur	24.08.24	01:51	02:09	00:18	132kV Patnagarh-Padampur Feeder	At Padampur end: AN,Ia-315.2A,Ib-168.3A,Ic-427A,Zone 1,Dist-35.64km,Zone1	Padampur, Nuapada, Nuapada RTSS	00:18	-	-	0.011502	-	-
					132kV Nuapada-Padampur Feeder	At Nuapada end: Remote End Tripping								
302	Palasponga	24.08.24	07:58	08:03	00:05	132kV Palasponga-Kendujhargarh RTSS Feeder	At Palasponga end: O/C,IA=301A,Ib-213A,IC=129A,INM=7.06A, IND=7.5A	Kendujhargarh RTSS	00:05	-	-	0.000690	-	-
303	Rairakhol	24.08.24	12:13	25.08.24 14:40	02:26	132kV Rairakhol-Maneswar Feeder	At Rairakhol end: Dist Protection,	Rairakhol	00:06	-	-	0.000662	Power supply availed from Boinda Grid end at 12:19 hrs	-
304	Muniguda	26.08.24	07:18	07:20	00:02	132kV Muniguda-Bissam Cuttack RTSS Feeder	At Muniguda end: O/C,Ia=265A, Ib-263 A	Bissam Cuttack RTSS	00:02	-	-	0.000208	-	-
305	Tusura	26.08.24	17:36	18:08	00:32	132kV Tusura-Deogaon RTSS Feeder	At Tusura end: O/C,Tripped phase A&C, IA=0.25 kA, IC=0.25kA, master trip 86 operated.	Deogaon RTSS	00:32	-	-	0.002409	-	-
306	Rajgangpur	27.08.24	16:46	16:54	00:08	132kV Rajgangpur-Rajgangpur RTSS CKT I	At Rajgangpur end: O/C,L1,L2, R-PH,Y-PH,L1=348 A,L2=347 A,L3=0, LN=0.8 A	-	-	-	-	-	132kV Rajgangpur- RTSS II WAS DRAWING LOAD.	-
307	Gondia	27.08.24	17:16	20:48	03:32	132kV Gondia-TTPS Feeder	At Gondia end: Dist Protection,Ir-0.03 kA , Iy-0.04 kA , Ib-1.03 kA At TTPS end: Ir-173.3 A , Iy-87.32 A , Ib-10.53 kA , Dist-4.964 kms	-	-	-	-	-	-	-

Partic												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			
308	Bhawanipatna	27.08.24	19:10	19:12	00:02	132kV Bhawanipatna-Lanjigarh RTSS Feeder	At Bhawanipatna end: O/C,IA=0 A, Ib 314.8 A, IC=310.4 A, IN=5.6 A	Lanjigarh RTSS	00:02	-	-	0.000226	-	-
309	Padampur	27.08.24	19:19	19:55	00:36	132kV Patnagarh-Padampur Feeder	At Padampur end: Dist Protection,PH-AN,Ia-257A,Ib-245A,Ic-504A,Zone 2	Padampur Nuapada, Nuapada RTSS	00:36 00:10	-	-	0.015311	-	-
310	Bhanjanagar	27.08.24	19:29	19:40	00:11	220kV Bhanjanagar-Therubali CKT II	At Therubali end: Dist Protection,Other end: AR Successful,B-N,Zone 1,126km,Ib-1.01kA	-	-	-	-	-	-	-
311	Karanja	27.08.24	19:47	20:01	00:14	132kV Rairangpur-Karanja Feeder	At kAranjia end: Earth Fault,Dist pickup=L3-E, IL1=0.16kA, IL2=0.37kA, IL3=0.27kA, Dist-64.8km At Rairangpur end: IA=137.1A,Ib-378.3A,IC=1.907kA	Karanja, Dhenkikote	00:14	-	-	0.004436	-	-
312	Kuchinda	27.08.24	21:21	21:33	00:12	132kV Kuchinda-Kutra SW Station Feeder	At Kuchinda end: Dist Protection,Local end:Dist tripped,Zone 1, Dist-19.26km, Tripped phase Rph, Fault duration=55.4ms, Ir=1.557kA, Iy-222.4A,Ib-43.06A, Fault resistnace=3.288 Ohm At Kutra end: Dist tripped,Zone 1, Dist-38.03km,Tripped phase Rph,Ir=2.249kA,Iy-309A,Ib-134A,In=2.243kA	-	-	-	-	-	GSS got alternate supply from SMC end.	-
313	Budhipadar	27.08.24	21:36	21:56	00:20	132kV Budhipadar-Bamra Feeder	At Budhipadar end: R-N, Zone 1, Dist-21.21km, Ir- 3.032kA At Bamra end: E/F (R-N), Zone 1, Dist-18.22km, Ir- 3.76232kA	-	-	-	-	-	-	-
314	Rourkela	28.08.24	02:00	02:36	00:36	132kV Rourkela-Bhalulata RTSS-Shree Jagannath Steel Feeder	At Rourkela end: O/C (R-Y-B), Zone 1, Dist- 45.99km, Ir- 2.886kA, Iy-3.165kA, Ib- 2.916kA	Bhalulata RTSS Nalda	00:36 00:40	-	-	0.004931	-	-
315	Rayagada	28.08.24	09:01	09:04	00:03	132kV Rayagada-Rayagada RTSS Feeder	At Rayagada end: O/C,R & B PHASE	Rayagada RTSS	00:03	-	-	0.000344	-	-
316	Paradeep	28.08.24	10:11	10:51	00:40	132kV Kendrapara-Paradeep Feeder	At Paradeep end: O/C,B-Ph to G ,Zone 1 ,Dist- 19.63 kms , Ir= 82.44 A , Iy = 186.6 A , Ib = 2.447 kA At Kendrapara end: Dist Protection,Tripped on DP,Zone 1, Dist-9.8km, IR=83.55A, Iy-181A, Ib-2.477kA	-	-	-	-	-	-	-

FORMAT : B-3 & B-4														
Partic 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			
317	Bhanjanagar	28.08.24	10:40	10:56	00:16	220kV Bhanjanagar-Therubali CKT II	At Bhanjanagar end: Dist Protection,Remote End Tripping,A/R SUCESFUL, C-N,Zone 1,D=114 km,IC=1.159 kA,C-N,Zone 1,D=73.48 km,IC=1.68 kA	-	-	-	-	-	-	-
318	Kendrapara	28.08.24	10:55	11:55	01:00	132kV Kendrapara-Ramco Feeder	At Kendrapara end: Dist Protection,Tripped on DP,Zone 1, Dist-8.7kA, IR=9.477A, ly-9.4A, lb-3.67kA	-	-	-	-	-	-	-
319	New Duburi	28.08.24	11:08	14:17	03:09	220kV New Duburi-Dhamra	At New Duburi end: B-N, Zone 1, Dist- 10.07km, lb- 8.932kA At Dhamra end: B-N, Zone 1, Dist- 97.55km, lb- 1.228kA	-	-	-	-	-	No fault found in patrolling	-
320	Kharagprasad	28.08.24	12:31	12:52	00:21	132kV Kharagprasad-MGM Feeder	At Kharagprasad end: O/C and Earth Fault(B-ph to Ground Fault). Ir=15.65A ly-18.41 A , lb-442.51 A Fault Duration-181 ms.	MGM	00:21	-	-	0.000038	Both the incomer i.e Meramundali CKT-I &II are in service condition during the fault.	-
321	Rayagada	28.08.24	13:09	13:11	00:02	132kV Rayagada-Rayagada RTSS Feeder	At Rayagada end: O/C, R & B PHASE	Rayagada RTSS	00:02	-	-	0.000229	-	-
322	Podagada	28.08.24	14:44	14:52	00:08	132kV Rayagada-Podagada Feeder	At Podagada end: Dist Protection,Dist- 55.4 km, Y-Ph fault, IL1= 0.34kA, IL2= 0.95kA, IL3= 0.15kA	Paralakhemundi	00:10	-	-	0.002584	-	-
323	Infocity -II	28.08.24	16:55	18:36	01:41	40MVA TRF II	REF, At 220kV Side:- REF and 86 oprated with R,Y,B Phase pick up. 33KV Side:- 86 Operated with with R,Y,B Phase pick up	Infocity -II	01:41	-	-	0.018281	-	-
324	Satasankha	28.08.24	17:49	18:12	00:23	132kV Samangara-Satasankha CKT II	At Satasankha end: Dist Protection,Zone 1, 7.95km, A-E, IA=1.421kA, lb-56.77A, IC=86A, FAULT RESISTANCE=2.343ohm At Samangara end: Dist Protection,DP, Zone 1,Dist.=17.4 km,IL1=3.15 kA,IL2=0.01kA,IL3=0.01 kA	-	-	-	-	-	SUPPLY AVAILED THROUGH SAMANGARA-SATASANKHA CKT-I	-

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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			
325	Atri	28.08.24	18:07	19:19	01:12	132kV Atri-Argul CKT I	At Atri end: Dist Protection, B phase-N, Dist- 14.8 km,Dist protection relay operated, B phase-N, IR= 0.13 kA, Iy- 0.16 kA, Ib- 2.66 kA, Zone 1, Dist- 3.6 km At Argul end: Dist Protection,Ia=0.13 kA,Ib-0.16 kA,Ic=2.66 kA, Dist-3.6 km,Zone 1,Bph-E	-	-	-	-	-	132kV Atri- Argul CKT II was in service.	-
326	Khajuriakata	28.08.24	18:21	18:44	00:23	132kV Khajuriakata-Nuapatana-Dhenkanal Feeder	At KhajuriAkata end: Earth Fault,Zone 1, Rph-n, Dist-44.3 km, Ir-1.328 kA At Dhenkanal end: Earth Fault,Zone 1, Rph-n, Dist-9.218km, Ir-2.54 kA	-	-	-	-	-	132kV Khajuriakata-Meramundali Feeder is in service	-
327	Atri	28.08.24	18:30	29.08.24 18:00	23:30	220kV Narendrapur-Atri CKT II	At Atri end: Dist Protection,B phase-N, IR= 60.68 A, Iy- 8.482 kA, Ib- 9.366 kA, Zone 1, Dist-10.40 km	-	-	-	-	-	220kV Atri- Narendrapur CKT I was in service.	-
				19:22	00:52	220kV Infocity II-Atri Feeder	At Infocity -II end: Earth Fault,Y-ph fault, B-ph fault. Dist-51.17km. Zone-3 Fault current:- Ir-15.66A, Iy- 3.0421kA, Ib- 3.20kA							
328	Boinda	28.08.24	19:51	20:30	00:39	132kV Rairakhol-Boinda Feeder	At Rairakhol end: Remote End Tripping,Incoming power supply to Boinda from Angul grid end failed.	Rairakhol, Boinda, Rairakhol RTSS, Boinda RTSS	00:31			0.013887		
				20:22	00:31	132kV Angul-Boinda Feeder	At Angul end: Tripped on DP Relay,Fault Abs. Dist-20.588km,Fault Loop -L3N, fault current=3.5kA At Boinda end: No tripping						-	-
329	Brajarajnagar	28.08.24	23:06	23:59	00:53	132kV Brajarajnagar-Belpahar RTSS Ckt-I	At Brajarajnagar end: DP relay operated, IL1-E, Zone 1, IL1= 4.989 kA, IL2=0.156 kA , IL3= 0 kA, Dist-10.66 km, Fault duration =56.73 ms.	-	-	-	-		-	-
				23:59	29.08.24 17:02	17:03	At Brajarajnagar end: DP relay operated, ABC, Zone 1, IL1= 5.808 kA, IL2=5.816 kA , IL3= 0 kA, Dist-10.66 km, Fault duration =80.09 ms.							
330	Lakhanpur	29.08.24	05:09	05:16	00:07	20MVA TRF I & II	O/C	Lakhanpur	00:07	-	-	0.000761	-	-

Partic - - - - -												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			
331	Lapanga	29.08.24	06:57	07:43	00:46	220kV Lapanga-Katapali CKT II	At Lapanga end: R-N, Zone 3, Dist-95.33km, Ir- 2.442kA	Katapali HINDALCO	00:46 00:13	-	-	0.014873	-	-
				09:52	02:55	220kV Lapanga-Katapali CKT I	At Lapanga end: R-N, Zone 3, Dist-95.01km, Ir- 2.439kA At Katapali end: O/C							
				08:15	01:18	220kV Katapali-Bargarh New Feeder	At Bargarh New end: Dist Protection,Earth Fault, Ia-1.385kA, Ib-451A, Ic-98.19A							
332	Nuapada	29.08.24	09:23	09:34	00:11	132kV Nuapada-Padampur Feeder	At Nuapada end: Dist Protection,Zone 1, Dist 47.24km, Started ph B,C tripped ph ABC Ia 149.7A, Ib 1.29kA Ic 1.61LA	Nuapada, Nuapada RTSS	00:11	-	-	0.003255	-	-
333	Therubali	29.08.24	10:40	10:56	00:16	220kV Bhanjanagar-Therubali CKT II	At Therubali end: Dist Protection, B-N,Zone 1,73.48km,Ib-1.597kA At Bhanjanagar end: AR Successful,B-N,Zone 1, 114.5km,Ib-1.159kA	-	-	-	-	-	-	-
334	Budhipadar	29.08.24	11:31	16:26	04:55	220kV Budhipadar-IBTPS Ckt-3	At Budhipadar end: Dist Protection,D/P 1: F.L- C-N, ZONE 1, Dist-1.187km, Distur- 73.11ms, IA-218.6A, IB-26.65A, IC-27.96kA D/P 2: F.L-C-N, Zone 1, IA- 0kA, IB-0kA, IC-19.38kA,Dist- 1.1km	-	-	-	-	-	-	-
335	Brajarajnagar	29.08.24	13:15	14:48	01:33	132kV Brajarajnagar-MCL Feeder	At Brajarajnagar end: Dist Protection,Zone -1, IL1-E, IL1=3.84 kA, fault Dist- 15.5 km, fault duratio-101 ms	-	-	-	-	-	132kV Budhipadar-Jorabaga MCL feeder was in service	-
336	Aska New	29.08.24	13:27	14:15	00:48	40MVA TRF I	Earth Fault,33KV side: Tripped on Y-Ph E/F,Iy-1.165kA and IN=1.489kA. 132kV side not tripped.	Aska New	00:18	-	-	0.003399	-	-

PARTIC - - - - -												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			
337	Meramundali	29.08.24	14:03	17:10	03:07	400kV Meramundali-Lapanga CKT II	At Meramundali end: Dist Protection,Remote End Tripping,A/R unsuccessful. SOTF, Main-1: Before A/R: Y-N, 40.9 km, ly- 5.12 kA After A/R : Y-N, Zone 1, 38.6 km, ly- 4.3 kA Main-2: Before A/R: Y-N, 39.9 km, ly- 5.12 kA After A/R : Y-N, Zone 1, 38.4 km, ly- 6.91 kA,A/R unsuccessful 131.1 km, lr- 1.16 kA, ly-3.04 kA At Lapanga end: Dist Protection,MAIN-1: FAULT LOOP-L2-E ZONE-2 IL1-1.16kA IL2-3.04kA IL3-0.4415kA Dist-130.1km MAIN-2: FAULT LOOP-L2-E ZONE-2 IL1-1.152kA IL2-2.983kA IL3-0.461kA Dist-131.1km	-	-	-	-	-	-	-
338	Budhipadar	29.08.24	16:43	17:22	00:39	132kV Budhipadar-Kalunga Feeder	At Budhipadar end: Dist Protection,F.L-A-N, ZONE 1, DistUR-60.05ms, Dist- 75.68km, IL1-1.164kA, IL2-69.2A,IL3- 204.4A,F.R-19.75ohm, At Kalunga end: Earth Fault,DP Relay-Tripped ph-R-N, Zone 1, Dist-8.348 km, Fault Duration-4.947 msec, Relay Trip Time- 80.79 ms, lr=3.020 kA, lb-66.29 A, lb-199.4 A, Fault Resistance= 16.56 ohm	-	-	-	-	-	-	-
339	Kharagprasad	29.08.24	18:24	18:29	00:05	132kV Kharagprasad-NBVL CKT I	At Kharagprasad end: Earth Fault, lr = 0.16kA ly = 0.16 kA lb = 0.16 kA .	-	-	-	-	-	Both the incomers i.e Meramundali CKT - I & II are in service during the fault.	-
340	Rajgangpur	29.08.24	20:36	20:45	00:09	40MVA TRF I, II & III	E/F	Rajgangpur	00:09	-	-	0.007007	-	-
341	Gondia	29.08.24	20:54	21:18	00:24	132kV Gondia-TTPS Feeder	At Gondia end: Dist Protection,lr-0.08 kA , ly-0.22 kA , lb-1.93 kA Dist-7.5 kms At TTPS end: lr-63.68 A , ly-215.5 A , lb-1.505 kA , zone-2 Dist-75.38 kms	-	-	-	-	-	-	-
342	Karanjia	29.08.24	23:04	23:08	00:04	132kV Karanjia-Dhenkikote Feeder	At kAranjia end: Earth Fault,Zone 1,Dist pick up=L1-E , Dist- 11.45km, IL1=1.365kA, IL2=31.6A, IL3=86.35A	-	-	-	-	-	-	-
343	Bhawanipatna	30.08.24	12:45	12:51	00:06	132kV Bhawanipatana-Bhawanipatana RTSS Feeder	At Bhawanipatna end: O/C,IA=60 A, lb-0 A, IC=60 A	Bhawanipatana RTSS	00:06	-	-	0.000029	-	-

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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			
344	Junagarh	30.08.24	12:50	13:27	00:37	132kV Bhawanipatna-Junagarh Feeder	At Junagarh end: Dist Protection,Y ph, Dist-30.17km, Ia=70.88A, Ib-772.7A, Ic=75.31A	-	-	-	-	-	Load drawn from GSS Kesinga.	-
345	Aska New	30.08.24	13:09	18:31	05:22	132kV Chatrapur-Aska New Feeder	At Aska New end: Earth Fault, Tripped on B-Ph E/F, Ib-2.36kA, A/R Block, SOTF (TOR). Event 1: Tripped on B-Ph E/F, Ib-1.113kA, A/R close, Zone 1, d=27.19km.	-	-	-	-	-	-	-
346	Bolangir New	30.08.24	18:38	18:53	00:15	220kV Bolangir New-Kesinga Feeder	At Bolangir New end: Dist Protection, Ia= 1.553kA, Ib-277.4A, Ic=519.2A, Dist- 57.82km	-	-	-	-	-	-	-
347	Budhipadar	30.08.24	18:42	20:07	01:25	132kV Budhipadar-Bamra Feeder	At Budhipadar end: A-N, ZONE 1, Dist-27.25km, IA-2.628kA, IB-68.50A, IC-821.8A At Bamra end: E/F, L1-N, Zone- 1, Dist-34.76km, Ia=1.536kA	MCL	00:53			0.016834		
			18:43	19:57	01:14	132kV Budhipadar-Kalunga Feeder	At Kalunga end: E/F, R-B-N, Zone-2, Dist-86.17 km, Ir=1.428 kA, Iy-22.28 A, Ib-1.403 kA At Budhipadar end: A-C-N, ZONE 1, Dist-18.26km, IA-3.45kA, IB-132.1A, IC-7.969kA							
			19:02	19:55	00:53	132kV Budhipadar-MCL Feeder	At Budhipadar end: Dist Protection, D/P operated: F.L- A-N, ZONE 2, Dist-17.78km, Distur-340.0ms, IA-3.828kA, IB-117.4A, IC-110.8A F.resistance-3.37ohm,							
			19:02	20:38	01:36	132kV Brajarajnagar-MCL Feeder	At Brajarajnagar end: Dist Protection, Zone 1, IL1= 1.15 kA, IL1-E, fault Dist- 20.6 km, fault duration-352 ms							
348	Bhawanipatna	30.08.24	20:11	20:13	00:02	132kV Bhawanipatna-Lanjigarh RTSS Feeder	At Bhawanipatna end: O/C, IA=0 A, Ib-321.2 A, IC=316.4 A, IN=5.6 A	Lanjigarh RTSS	00:02	-	-	0.000226	-	-
349	Padampur	30.08.24	22:29	22:55	00:26	132kV Nuapada-Padampur Feeder	At Padampur end: Dist Protection, Zone 1, started ph BN, tripped Ph ABC, Ia 412.7A, Ib 172.4A, Ic 122.6A At Nuapada end: Dist Protection, Zone 1, started ph BN, tripped Ph ABC, Ia 412.7A, Ib 172.4A, Ic 122.6A	Nuapada	00:05	-	-	0.001272	-	-

Partic

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			
350	Khariar	01.09.24	17:50	17:59	00:09	132kV Khariar-Kantabanji Feeder	At Khariar end: Zone 1, Dist- 14.4km, Ir- 0.178kA, ly- 1.672kA, lb- 1.669kA	Kantabanji, Kantabanji RTSS	00:09	-	-	0.002096	-	-
351	Bhawanipatna	02.09.24	01:10 03:29	01:30 03:32	00:20 00:03	132kV Bhawanipatana- Bhawanipatana RTSS Feeder	O/C	Bhawanipatana RTSS	00:23	-	-	0.000111	-	-
352	Soro	02.09.24	13:50	14:38	00:48	132kV Chandipur-Soro Feeder	At Soro end: Y-N, Zone 1, Dist- 6.75km, ly- 2.023kA At Chandipur end: Y-N, Zone 1, Dist- 25.656km, ly- 1.465kA	-	-	-	-	-	At that time of fault Soro Grid was availing power supply from Bhadrak Grid through 13kV Soro-Bhadrak line.	-
353	New Duburi	03.09.24	12:19	12:28	00:09	220kV New Duburi-Paradeep CKT I	At New Duburi end: B-N, Zone 1, Dist- 62.6km, lb- 2.28kA At Paradeep end: B-N, Zone 1, Dist- 60.5km, lb- 1.29kA	-	-	-	-	-	-	-
354	Jayanagar	03.09.24	12:20	12:24 12:25	00:04 00:05	132kV Podagada-Jayanagar Feeder 132kV Rayagada-Podagada Feeder	At Jayanagar end: Y-N, Zone 1, Dist- 8.77km, ly- 0.97kA At Rayagada end: Remote End Tripping	Rayagada	00:05	-	-	0.000946	-	-
355	Duburi	03.09.24	13:21	19:09	05:48	132kV Duburi-Jajpur Road CKT I	At Duburi end: B-N, Zone 1, Dist- 9.425km, lb- 4.389kA At Jajpur Road end: B-N, Zone 1, Dist- 6.102km, lb- 2.949kA	-	-	-	-	-	-	-
356	Lapanga	03.09.24	14:29	04.09.24 10:13	19:44	132kV Lapanga-Hirakud Feeder	At Lapanga end: O/C (R-Y), Zone 1, Dist- 15.6km, Ir- 5.48kA, ly- 5.71kA	Hirakud	04:00	-	-	0.015990	-	-
357	Kesinga	03.09.24	21:06	21:29 21:21	00:23 00:15	132kV Powmex Feeder 132kV Kesinga-Khariar Feeder	At Kesinga end: Earth Fault, Master Trip relay operated At Khariar end: Dist- 76.6km, Ir- 0.327kA, ly- 1.72kA, lb- 1.66kA	Khariar, Kantabanji, Kantabanji RTSS	00:15	-	-	0.009653	-	-
358	Maneswar	04.09.24	00:47	01:05 01:19	00:18 01:19	40MVA TRF I 40MVA TRF II	Over Current, 33 KV Bus fault	Maneswar	00:18	-	-	0.001405	-	-
359	Gondia	04.09.24	00:57	01:40	00:43	132kV Gondia-TTPS Feeder	At Gondia end: Ir- 0.05kA, ly- 0.22kA, lb- 1.69kA, Dist- 6.2km At TTPS end: Ir- 0.055kA, ly- 0.235kA, lb- 1.424kA, Dist- 78.29km	-	-	-	-	-	-	-
360	Rayagada	04.09.24	08:54	08:57	00:03	132kV Rayagada-Rayagada RTSS Feeder	At Rayagada end: O/C (R-Y)	Rayagada RTSS	00:03	-	-	0.000338	-	-
361	Satasankha	04.09.24	09:28	10:04	00:36	132kV Samagara-Satasankha CKT I	At Satasankha end: B-N, Zone 1, Dist- 13.44km, lb- 1.012kA At Samagara end: B-N, Zone 1, Dist- 9.9km, lb- 4.35kA	-	-	-	-	-	132kV Samangara-Satasankha CKT II was in service.	-
362	Bolangir New	04.09.24	10:13	10:22 10:28 10:58	00:09 00:15 00:45	132kV Bolangir New-Sonepur- Bolangir Feeder 132kV Sonepur-Birmaharajpur Feeder 132kV Boudh-Sonepur Feeder	At Bolangir New: Dist- 46.3km, Ir- 2.367kA, ly- 0.236kA, lb- 0.518kA At Birmaharajpur end: Remote end tripping At Boudh end: Dist- 57.63km, Zone 2	Sonepur Birmaharajpur Boudh	00:12 00:15 00:45	-	-	0.012791	-	-
363	Bolangir New	04.09.24	11:40	12:07	00:27	132kV Bolangir New-Patnagarh CKT I	At Bolangir New end: Zone 1, Dist- 28.42km, ly- 1.875kA, lb- 1.92kA	-	-	-	-	-	132kV Bolangir New-Patnagarh CKT II was in service.	-

FORMAT : B-3 & B-4														
Partic 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 reschedul ed 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			
364	Aska New	04.09.24	12:55	13:02	00:07	220kV Therubali-Aska New Feeder	At Aska New end: E/F (B-N), Dist- 61.2km, lb- 1.99kA At Theruballi end: B-N, Zone 1, lb- 1.072kA	-	-	-	-	-	-	-
365	Jharsuguda	04.09.24	14:01	17:14	03:13	132kV Jharsuguda-Ultratech Feeder	At Jharsuguda end: Zone 1, Dist- 5.73km, ly- 7.333kA At Ultratech end: No tripping	Ultratech	03:13	-	-	0.023231	-	-
366	Meramundali	04.09.24	14:02	17:04	03:02	400kV Meramundali-Lapanga CKT II	At Meramundali end: Before A/R: Y- N, Zone 1, Dist- 40.7km, ly- 5.56kA; After A/R: Y-N, Zone 1, Dist- 38.6km, ly- 6.81kA	-	-	-	-	-	-	-
367	Rayagada	04.09.24	17:57	18:00	00:03	132kV Rayagada-Rayagada RTSS Feeder	At Rayagada end: O/C (R-B)	Rayagada RTSS	00:03	-	-	0.000338	-	-
368	Sundergarh	04.09.24	22:02	05.09.24 08:48	10:46	132kV Budhipadar-Sundargarh Ckt-I	At Sundergarh end: Y-N, Dist- 20.26km, Zone 1, ly- 0.94kA At Budhipadar end: Dist- 4.8km, ly- 10.8kA	-	-	-	-	-	-	-
369	Jayanagar	04.09.24	22:08	05.09.24 00:19	02:11	132kV Tentulikhunti-Jayanagar Feeder	At Jayanagar end: R-Y, Zone 1, Dist- 9.9km, lr- 6.2kA, ly- 5.3kA At Tentulikhunti end: E/F, Zone 1, Dist- 9km	-	-	-	-	-	-	-
370	Jayanagar	04.09.24	22:27	23:10	00:43	132kV Sunabeda-Jayanagar Feeder	At Jayanagar end: Distance Protection,R-G, zone-1, dist=N/A, lr=2.1kA	Sunabeda	00:43	-	-	0.010757	-	-
371	Rairakhol	05.09.24	00:47	01:03	00:16	132kV Rairakhol-Maneswar Feeder	Tripped at Rairakhol Grid end	Maneswar, Maneswar RTSS	00:16	-	-	0.001688	-	-
372	Kantabanji	05.09.24	09:58	10:00	00:02	132kV Kantabanji-Kantabanji RTSS Feeder	At Kantabanji end: L-L FAULT WITH FAULT CURRENT 570A	Kantabanji RTSS	00:02	-	-	0.000117	-	-
373	Rajgangpur	05.09.24	11:20	11:39	00:19	132kV Tarkera-Rajgangpur CKT II	At Rajgangpur end: Distance Protection,LOOP : L3-N, DIST = -1.0 KM, ZONE-2, IL3=1386.94 A At Tarkera end: Distance Protection,LOOP : L3-N, DIST = -1.0 KM, ZONE-2, IL3=1386.94 A	-	-	-	-	-	-	-
374	Kamakhyana gar	05.09.24	12:20	12:36	00:16	132kV Kamakhyanagar-TTPS Feeder	At Kamakhyanagar end: Distance Protection,Zone1,Distance=3.527 km, la=118.7A,Ib=177.1A,Ic=2.023KA	-	-	-	-	-	-	-
375	Tarkera	05.09.24	15:46	17:17	01:31	220kV Tarkera-Rourkela PG CKT I	At Tarkera end: Distance Protection,DP1 : LOOP :- L2-L3, DIST=39.3 KM DP2 : LOOP :- ABCN, IA=3.438 KA, IB=3.602 KA, IC=3.530 KA, POWER SWING DETECTED.	-	-	-	-	-	ALL OTHER 220kV FEEDERS WERE IN HEALTHY CONDITION.	-

Partic

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
				19:34	03:48	220kV Tarkera-Rourkela PG CKT II	At Tarkera end: Distance Protection,DP1 : LOOP :- L1-L2-L3, DIST=39.7 KM,DP2 : LOOP :- ABCN, POWEWR SWING DETECTED, IA=3.598 KA, IB=3.686 KA, IC=3.667 KA							
376	Rayagada	05.09.24	22:34	22:36	00:02	132kV Rayagada-Rayagada RTSS Feeder	At Rayagada end: Over Current,R & B PHASE	Rayagada RTSS	00:02	-	-	0.000225	-	-
377	Gondia	05.09.24	23:49	06.09.24 00:16	00:27	132kV Gondia-TTPS Feeder	At Gondia end: Distance Protection,Ir=0.07 KA , Iy=0.22 KA , Ib=1.80 KA Dist=6.3 Kms Remote end tripping details Ir=54.40 A , Iy=241.8 A , Ib=1.479 KA , zone=2 Dist=78.29 Kms	-	-	-	-	-	-	-
378	Kalunga	06.09.24	02:07	02:25	00:18	132kV Budhipadar-Kalunga Feeder	At Kalunga end: Earth Fault,D/P Relay-rnF.L=Rph-N, F.D=63.48 km, zone1, F.Du=111.8 ms, Ia=1.127 kA, Ib= 23.26A, Ic=23.46 A, At Budhipadar end: Over Current,D/P; F.L=Rph-N, F.D=16.4 k, zone1, F.Du=66.72 ms, Ia=4.64 kA, Ib= 277.9 A, Ic=213.9A, F.R=2.39 Ohm	-	-	-	-	-	-	-
379	Budhipadar	06.09.24	17:09	07.09.24 13:05	19:56	220kV Budhipadar-Kuarmunda Feeder	At Budhipadar end: Over Current,DP1 (MiCOM P444):- F.L=B-n, Zone1, F.D=61.3 km, F.Du=71.74 ms, Ia=504 A, Ib=3.144 kA, Ic= 436.6 A, DP2 (MiCOM 7SA52):- F.L=L2-E, Zone1, F.D=59[59.7%] km, F.Du=71.74 ms, Ia=0.2 KA, Ib=2.92 kA, Ic= 0.31 KA	Kuarmunda	00:45	-	-	0.012148	-	-
380	Jagatsinghpur	06.09.24	17:54	18:01	00:07	132kV Tirtol-Jagatsinghpur Feeder	At Tirtol end: DP Relay optd,Zone-1,Ib=1.821kA,Distance=20.77km.	-	-	-	-	-	-	-
381	Muniguda	06.09.24	22:53	22:54	00:01	132kV Muniguda-Bissam Cuttack RTSS Feeder	At Muniguda end: Over Current,Ir=267A	Bissam Cuttack RTSS	00:01	-	-	0.000099	-	-
382	Sonepur	07.09.24	04:33	04:40	00:07	132kV Sonepur-Boudh Feeder	Tripped on E/F. 3.297 KM. Ia= 127.6 A, Ib=2.264 KA, Ic=80.34 A	Boudh	00:07	-	-	0.000743	-	-
383	Bhawanipatna	07.09.24	07:19	07:23	00:04	134 kV Bhawanipatana-Lanjigarh RTSS Feeder	At Bhawanipatna end: Over Current	Lanjigarh RTSS	00:04	-	-	0.000437	-	-

Partic												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			
384	Bangriposi	07.09.24	12:16	12:30	00:14	132kV Bangiriposi-Rairangpur Feeder	At Bangriposi end: Earth Fault, DP Relay General Trip, Zone-2, Dist.-35.4KM, Fault Loop: L3-E, IL1-0.01KA, IL2-0.01KA, IL3-1.56KA B/U Relay: E/F, IL1-0.01KA, IL2-0.0KA, IL3-1.37KArn At Rairangpur end: Zone-1,IA=392.1A,IB=660.6A,IC=404.3A,Van=72.65KV,Vbn=72.17KV,Vcn=35.76KV,Dist=17.27KM	-	-	-	-	-	-	-
385	Telkoi	07.09.24	12:53	13:32	00:39	220kV Telkoi-Joda Feeder	At Telkoi end: R-Y-N, Zone 1, Dist-43.54km, Ir- 2.066kA, ly- 1.878kA At Joda end: R-Y-N, Zone 1, Dist-50.82km, Ir- 1.823kA, ly- 1.842kA	Telkoi	00:39			0.001237	Incomer failure from both TTPS and JODA end. (TRANSIENT FAULT) GRID BLACKOUT	-
				13:40	00:47	220kV Telkoi-TTPS Feeder	At TTPS end: (i) ZONE-1 (ii) Dist-126.6 KM (iv) Ia=0 A , Ib=0 A , Ic=30.88 A							
				13:26	00:33	220kV Joda-TTPS ckt-II	At Joda end: R-Y-N, Zone 1, Dist-52.04km, Ir- 1.619kA, ly- 1.74kA At TTPS end: R-Y-N, Zone 1, Dist-90.40km, Ir- 2.76kA, ly- 2.542kA							
386	Budhipadar	07.09.24	16:30	16:56	00:26	220kV Budhipadar-IBTPS CKT III	At Budhipadar end: Over Current,DP1 (MiCOM P444):- F.L=A-n, Zone1, F.D=61.3 km, F.Du=63.29 ms, Ia=9.7 kA, Ib=472.1 A, Ic= 121.6 A, DP2(Siemens 7SJ62):- ZONE1, II1=9.92 kA, II2=0.49 kA, II3=0.1 kA	-	-	-	-	-	-	-
387	Katapali	07.09.24	16:31	19:05	02:34	132kV Katapali-Burla PH CKT II	At Katapali end: Distance Protection,Main-1(P442)-DP optd in ZONE-1 in B phase to ground,Dist=73.25km, Ir=157A , ly=567.2A, Ib=8.2KA,In=8KA,Relay trip time=79.91ms,fault duration=73.25ms	-	-	-	-	-	-	-
388	Kantabanji	07.09.24	16:35	16:38	00:03	132kV Kantabanji-Kantabanji RTSS Feeder	At Kantabanji end: L-L FAULT WITH FAULT CURRENT 600A	Kantabanji RTSS	00:03	-	-	0.000175	-	-
389	Budhipadar	07.09.24	17:38	17:59	00:21	132kV Budhipadar-Sundargarh CKT II	At Budhipadar end: Over Current,DP(SEL 311C):-Zone 1, L1-E, I1=7.32 kA, II2= 0.06 kA, II3=0.14 kA, F.L=4.93 km, In=7110 A, B/U(7SAJ62):- II1=11.08 kA, II2=0.07 kA, II3=0.15 kA At Sundargarh end: DP: AG-T, loc.=20.63 Km, Zone-1, Ia=915 A, Ib=73 A, Ic=141 A, In=1091 A	-	-	-	-	-	-	-
390	Muniguda	07.09.24	18:01	18:02	00:01	132kV Muniguda-Bissam Cuttack RTSS Feeder	At Muniguda end: Over Current,Ir=267A	Bissam Cuttack RTSS	00:01	-	-	0.000099	-	-

Partic												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			
391	Budhipadar	07.09.24	18:10	19:18	01:08	220kV Budhipadar-Raigarh PG Feeder	At Budhipadar end: Over Current,DP1(MiCOM P444):- F.L= A-N. Zone 1, F.Dur=421.7 ms, RTT=413.4 ms, F.L=54.95 km, II1=3.228 kA, II2=34.14 A, II3= 35.37 A, F.R=3.23 ohm, DP2(7SJ62):- Zone 1, II1=3.09 kA, II2=0.11 kA, II3=0.32 kA, RTT=418 ms	-	-	-	-	-	-	-
392	Saintala	07.09.24	18:43	19:03	00:20	132kV Saintala-Tusura Feeder	At Saintala end: zone-1,distance-20.25km,la-4.66A,lb-1.57kA,lc-5.39A	Tusura BEL	00:13 03:30	-	-	0.003781	-	-
				22:15	03:32	132kV Saintala-BEL Solar Feeder	At Saintala end: Differential							
393	Bolangir New	07.09.24	18:55	19:03	00:08	132kV Bolangir New-Bolangir CKT II	At Bolangir end: Remote End Tripping, tripped with 132kV bolangir new CKT I line simultaneously.	Bolangir	00:08	-	-	0.004920	-	-
			-	19:52	00:57	132kV Bolangir New-Bolangir CKT I	At Bolangir New end: Earth Fault, lc=8.88KA At Bolangir end: lc=1.98KA							
394	Kantabanji	07.09.24	21:19	21:21	00:02	132kV Kantabanji-Kantabanji RTSS Feeder	At Kantabanji end: L-L FAULT WITH FAULT CURRENT 339A	Kantabanji RTSS	00:02	-	-	0.000117	-	-
395	Rayagada	07.09.24	22:36	22:38	00:02	132kV Rayagada-Rayagada RTSS Feeder	At Rayagada end: Over Current,OVER CURRENT R & B PHASE	Rayagada RTSS	00:02	-	-	0.000225	-	-
396	Rourkela	07.09.24	23:12	23:29	00:17	132kV Rourkela-Bhalulata RTSS-Shree Jagannath Steel Feeder	At Rourkela end: Over Current,ABCT,LOCATION=48.03,IA=2650A,IB=278.6A,IC=2718A,IN=0A,IG=274A,TRIP,ZONE 1.	Bhalulata RTSS, Jaganath Steel	00:17	-	-	0.001257	-	-
397	Lapanga	08.09.24	12:40	12:47	00:07	132kV Lapanga-Hirakud Feeder	At Lapanga end: Distance Protection,NO FAULT RECODRED	-	-	-	-	-	-	-
398	Rayagada	08.09.24	16:58	17:02	00:04	132kV Rayagada-Rayagada RTSS Feeder	At Rayagada end: Over Current, R & B PHASE	Rayagada RTSS	00:04	-	-	0.000451	-	-
399	Budhipadar	08.09.24	19:14	20:04	00:50	132kV Budhipadar-Kalunga Feeder	At Budhipadar end: Over Current,DP 1 (MiCOM P444):- Zone 1, F-L=A-N, F.D= 28.14 km, F.Dur= 68.39 ms, la=2.848 kA, lb= 295.5 A, lc=260.7 A At Kalunga end: Over Current,DP 1 (MiCOM P444):- Zone 1, F-L=A-N, F.D= 28.14 km, F.Dur= 68.39 ms, la=2.848 kA, lb= 295.5 A, lc=260.7 A	-	-	-	-	-	-	-
400	Budhipadar	08.09.24	19:19	19:40	00:21	220kV Budhipadar-Vedanta CKT II	At Budhipadar end: Over Current,DP 1(Siemens 7SA52):- Zone 1, Fault Loop- A-N, F.D=9.2 km, la=9.46 kA, lb= 1.39 kA, lc=0.51 kA	-	-	-	-	-	-	-
401	Rayagada	08.09.24	19:37	19:39	00:02	132kV Rayagada-Rayagada RTSS Feeder	At Rayagada end: Over Current,R & B PHASE	Rayagada RTSS	00:02	-	-	0.000225	-	-

Partic												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			
402	Kesinga	08.09.24	19:58	21:01	01:03	220kV Bolangir New-Kesinga Feeder	At Kesinga end: Earth Fault,R ph-1.23 KA,Y ph-114 A,B ph-278 A	-	-	-	-	-	-	-
403	Rayagada	08.09.24	20:00	20:02	00:02	132kV Rayagada-Rayagada RTSS Feeder	At Rayagada end: Over Current,OVER CURRENT R & B PHASE	Rayagada RTSS	00:02	-	-	0.000225	-	-
404	Rajgangpur	08.09.24	20:38	20:54	00:16	132kV Rajgangpur-Rajgangpur RTSS CKT I	At Rajgangpur end: Over Current,L1,L2,RPH, OC,YPH, L1-343.2A	-	-	-	-	-	-	-
405	Narendrapur	09.09.24	07:24	07:26	00:02	132kV Narendrapur-Jagannathpur RTSS Feeder	At Narendrapur end: Over Current,Tripped on R-ph & B-ph O/C (Ir=1.07KA,Ib=1.07KA)	Jagannathpur RTSS	00:02	-	-	0.000174	-	-
406	Rayagada	09.09.24	10:34	10:45	00:11	132kV Rayagada-Podagada Feeder	At Rayagada end: Remote End Tripping,MACHAKUND P.H POWER SUPPLY FAIL	Podagada Rayagada	00:16 00:10	-	-	0.002526	THERUBALI BTH P/S	-
407	Khuntuni	09.09.24	11:03	11:18	00:15	132kV ICCL-Khuntuni Feeder	At Khuntuni end: Distance Protection,R-Ph fault, Zone-1.Fault current Ir=2356.09A, Iy=4.33A, Ib=5.99A, Dist- 09.38 KM.	-	-	-	-	-	-	-
408	Rairakhol	09.09.24	20:45	20:57	00:12	132kV Rairakhol-Boinda Feeder	At Rairakhol end: Distance Protection At Boinda end: Distance -30.979KM, Current IL1-174.76A, IL2-1194.06A, IL3-49.11A, fault loop- IL2-E , Zone-1, General trip	Rairakhol, Rairakhol RTSS	00:12	-	-	0.002055	-	-
409	Palasponga	10.09.24	04:26	04:52	00:26	132kV Joda-Palasponga Feeder	At Palasponga end: Over Current,IA=97.0A,IB=1115.6A,IC=1021.6A,IN=0A, IG=5.95A	Palasponga, ESIL, OSISL, Patnaik Steel, Kendujhargarh RTSS	00:26	-	-	0.018134	-	-
410	Soro	10.09.24	13:26	15:25	01:59	132kV Chandipur-Soro Feeder	At Soro end: Distance Protection,At Soro Grid end details- Zone-1, Group-1, Location-3.8KM, Event B-G, IA=94A, IB=2.006KA, IC=74A, IG=2.05KA.mAt Chandipur Grid end details- Zone-1, Event-Y-N, Dist=30.30KM, IR=101A, IY=1.32KA, IB=94.98A, IN=1.378KA	-	-	-	-	-	At that time of fault Soro Grid was availing power supply from Bhadrak Grid end & Chandipur Grid was availing power supply from Balasore Grid end.	-
411	Kalunga	10.09.24	16:50	17:14	00:24	132kV Budhipadar-Kalunga Feeder	At Kalunga end: Distance Protection,DP RELAY- ZONE-1, LOC-73.00 KM, DURATION-54.94ms , RTT-0 ms, Ir-1.5 KA At Budhipadar end: D/P-1(micom p442): F.L- Rph-E, ZONE 1, F.D-73.69km, fault duration-54.94ms,IA-1.527KA, IB-287.4A, IC-477.6A ,F.R=-29.41mohm	Kalunga	00:06			0.006024		
			17:14	11.09.24 14:46	21:32	At Kalunga end: Distance Protection,DP relay- zone-1, loc-69.48 km, RTT-0 ms, Duration-84.91 ms, Ir-1.4 KA								

Partic												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			
412	Meramundali B	10.09.24	23:59	11.09.24 00:43	00:44	220kV Meramundali-Meramundali B-Duburi Feeder	At Meramundali B end: Distance Protection,Distance-44KM , Ic-6.16KA, Z1	-	-	-	-	-	-	-
413	Jaleswar	11.09.24	11:49	16:15	04:26	132kV Bhograi-Jaleswar	At Bhograi end: DP RELAY OPTD,Z-1, 25KM,Bph-Gnd,Ir-63.2A,Iy-20.1KA,Ib-831.9A At Jaleswar end: DP RELAY OPTD, Z-1, 25KM,Bph-Gnd,Ir-63.2A,Iy-20.1KA,Ib-831.9A	Jaleswar, Jaleswar RTSS	00:36			0.013894	132kV Trf-2 B Phase cross bus insulator was punctured and fallen on 132kV Main Bus at Jaleswar end.	-
				12:20	12:20	132kV Jaleswar-Basta Feeder	At Basta end: Distance Protection,ABCN TRIPPED,ZONE-2,Location-24.61km,IA-2.089KA,IB-2.264KA,IC-2.27KA, Van-23.35KV,Vbn-23.49KV,Vcn-21.36KV.			-	-			
				17:06	17:06	132kV Jaleswar-Baripada PG Feeder	At Jaleswar end: Distance Protection,Z4, Y-B-Gnd, Distance :2.2 KM , Ir-1695.3A, Iy-1662.8A, Ib-1792.1A, Vrn-2.175 KV, Vyn-1.614 KV, Vbn-1.301 KV. At Baripada PG end: No tripping							
				12.09.24 22:45	34:56:00	132/33 kV 31.5MVA Trf-2 Jaleswar	Over Current,NO Logging of fault current.							
414	Balasore	11.09.24	14:41	14:52	00:11	132kV Balasore-Balasore RTSS Feeder	At Balasore end: Over Current,O/C,R,ph ,B-ph OPTD fault current:Ir=311A,Iy=309A	Balasore RTSS	00:11	-	-	0.001480	-	-
415	Rourkela	11.09.24	16:53	17:10	00:17	132kV Rourkela-Bhalulata RTSS-Shree Jagannath Steel Feeder	At Rourkela end: O/C (R-Y), Ir-2.816kA, Iy- 2.73kA	Bhalulata RTSS, Jaganath Steel	20:00			0.088710		
			17:10	17:36	00:26		At Rourkela end: E/F (Y-N), Iy-1.288kA, Dist- 37.29km			-	-		-	-
			17:36	12.09.24 12:53	19:17		At Rourkela end: E/F (Y-N), Iy-1.609kA, Dist- 37.29km							
416	Gondia	11.09.24	21:09	21:20	00:11	132kV Gondia-TTPS Feeder	At Gondia end: Distance Protection,Ir- 0.06 KA, Iy- 0.17 KA , Ib-1.13 KA							
				21:36	00:27	132kV Gondia-JFAL Feeder	At Gondia end: Distance Protection,Ir-0.12 KA , Iy-0.04 KA , Ib-1.3 KA Dist-11.0 Kms Remote end tripping details Ir-129.1 A , Iy- 38.16 A , Ib-2.395 KA , Dist-25.99 Kms	-	-	-	-	-	-	-
417	Khariar	12.09.24	02:38	02:57	00:19	132kV Kesinga-Khariar Feeder	At Khariar end: Distance Protection,Dist 40.65 KM, B-PHASE 3.766 KA	Khariar, Kantabanji, Kantabanji RTSS	00:19	-	-	0.012228	-	-
418	Baripada	12.09.24	03:50	04:06	00:16	40MVA TRF I, II & III	O/C (B Ph), E/F	-	-	-	-	-	Tripped due to 33kV feeder fault	-
419	Bhawanipatna	12.09.24	06:28	06:32	00:04	132kV Bhawanipatana-Lanjigarh RTSS Feeder	At Bhawanipatna end: Over Current	Lanjigarh RTSS	00:04	-	-	0.000437	-	-

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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			
420	Rayagada	12.09.24	07:26	07:28	00:02	132kV Rayagada-Rayagada RTSS Feeder	At Rayagada end: Over Current,OVER CURRENT R & B PHASE	Rayagada RTSS	00:02	-	-	0.000225	-	-
421	Rourkela	12.09.24	13:00	14:19	01:19	132kV Rourkela-Bhalulata RTSS-Shree Jagannath Steel Feeder	At Rourkela end: Earth Fault,BGT, Dist 1.36,IA=12A,IB=5974.0A,IC=3A,IN=1 A,IG=5964A,TRIP ZONE 1 GROUP 2.	Bhalulata RTSS, Jaganath Steel	01:19	-	-	0.005840	-	-
422	Kesinga	12.09.24	22:50	22:55	00:05	132kV Kesinga-Khariar Feeder	At Kesinga end: Earth Fault,Distance-14.09 kms,R ph-102A,Y ph-359.1A,B ph-3.766 KA	Khariar, Kantabanji, Kantabanji RTSS Powmex	00:05	-	-	0.003483	-	-
				23:06	00:16	132kV Powmex Feeder	At Kesinga end: Earth Fault,Master Trip Relay Operated		00:16	-	-			
423	Mendhasal	13.09.24	05:44	07:26	01:42	100MVA Auto TRF I	Earth Fault,Yph-Earth fault, Ir=0.174 KA, ly=1.02 KA, Ib=0.276 KA, In=1.46 KA	-	-	-	-	-	-	-
424	Katapali	13.09.24	11:39	12:18	00:39	220kV Lapanga-Katapali CKT II	At Katapali end: Distance Protection,Main-1(SEL 311C)-DP optd in ZONE-1 in B phase to ground,Dist=26.76km, Ir=223A , ly=335A, Ib=4171A,In=4711A ,Main-2(CG ZIV)-DP optd in zone 1 in B phase to ground,Dist=33.2km,fault time=128ms,Ir=218.4A , ly=316.2A, Ib=4002A, IN=4506A, Back up relay-Ir=2.6A , ly=7.09kA, fault duration=737ms	-	-	-	-	-	-	
425	Lapanga	13.09.24	14:49	16:03	01:14	132kV Budhipadar-Lapanga Feeder	At Budhipadar end: O/C (B Ph), Zone 1, Dist- 4.3km, Ib- 5.52kA At Lapanga end: O/C (B Ph), Zone 1, Dist- 5.1km, Ib- 6.55kA	-	-	-	-	-	weather-rain & lightening.	-
				15:32	00:43	132kV Lapanga-Jharsuguda Feeder	At Lapanga end: O/C (B Ph), Zone 2, Dist- 9.3km, Ib- 8.95kA At Jharsuguda end: Zone 1, Dist- 7.866km, Ib- 3.549kA							
426	Budhipadar	13.09.24	15:25	18:18	02:53	220kV Budhipadar-IBTPS CKT IV	At Budhipadar end: Over Current,D/P 1 F-L=A-N,Zone1,Sys.Freq=49.91Hz, F.Dur=66.79ms,F.Distance=12.82km , Ia=9.244kA, Ib=506.5 A,Ic=152.1 A D/P 2 Zone 1 F.L=L1-E II1=8.73 kA, II2=0.48 kA II3=0.13 kA Distance= 11.8 km	-	-	-	-	-	weather-rain & lightening.	-
427	Rayagada	14.09.24	10:56	11:15	00:19	132kV Rayagada-Podagada Feeder	At Rayagada end: Remote End Tripping,MACHHAKUND P.H POWER SUPPLY FAIL	Podagada Rayagada	00:22 00:13	-	-	0.003331	THERUBALI BTH SUPPLY	-

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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			
428	Kendrapara	14.09.24	19:01	20:11	01:10	132kV Kendrapara-Chandikhhol Feeder	At Kendrapara end: Distance Protection, tripped on DP with back up with zone-1, dist=13.3km, IR=30.96A, IY=3.77KA, IB=3.82KA At Chandikhhol end: No tripping	Chandikhhol	00:15	-	-	0.008071	-	-
429	Dhenkanal	14.09.24	23:21	23:33	00:12	132kV Khajuriakata-Nuapatana-Dhenkanal Feeder	At Dhenkanal end: Earth Fault, B-N, Z-1, Dist-20.33 KM, Ib-1.99 KA At Khajuriakata end: Earth Fault, Bpb-N, Z-1, Dist-40.8 KM, Ib-1.64 KA	-	-	-	-	-	At that time 132kV DKL-Mrdl Line is in service	-
430	Brajabiharipur	15.09.24	01:36	02:34	00:58	132kV Brajabiharipur-BPPL Feeder	At Brajabiharipur end: Distance Protection, FAULT LOOP-L31E, DISTANCE= 2.4KM, ZONE 1, IR=6.03KA, IY=0.5KA, IB=6.28KA. (Y IS THE BOTTOM CONDUCTOR)	-	-	-	-	-	POWER SUPPLY AVAILED FROM 132KV BIDANASI FEEDER. HENCE THERE IS NO INTERRUPTION OF POWER SUPPLY AT BRAJABIAHRIPUR GSS.	-
431	Telkoi	15.09.24	12:33	13:00	00:27	220kV Telkoi-TTPS Feeder	At Telkoi end: Distance Protection, AR successful at TELKOI end only. DP main-1: (i) Started phase CN (ii) Tripped phase C (iii) ZONE-1 (iv) Dist-43.45 KM (vi) Ia=83.37 A, Ib=150 A, Ic = 912.3 A, Van=144.7 KV, Vbn=137.9 KV, Vcn=69.77 KV. DP main-2 : (i) fault type - CG (ii) ZONE-1 (iii) Dist-43.4 KM (iv) Ia=26.106 A, Ib=26.614 A, Ic = 1.141 KA, In=1.163 KA, Van=138.851 KV, Vbn=134.156 KV, Vcn=54.550 KV. rrrnRelay details at TTPS end (i) ZONE-1 (ii) Dist-34.52 KM (iii) Ia=87.58 A, Ib=163.3 A, Ic =4.069 KA (iv) Van=132.9 KV, Vbn=130.5 KV, Vcn=117.5 KV.	-	-	-	-	-	No Area load interruption. Power availed from 220KV TELKOI-JODA feeder while 220KV TELKOI-TTPS feeder tripped.	-
432	Muniguda	15.09.24	22:57	23:00	00:03	132kV Muniguda-Bissam Cuttack RTSS Feeder	OC/EF	Bissam Cuttack RTSS	00:03	-	-	0.000298	-	-
433	Muniguda	16.09.24	02:07	02:10	00:03	132kV Muniguda-Bissam Cuttack RTSS Feeder	OC/EF	Bissam Cuttack RTSS	00:08	-	-	0.000796	-	-
434	Rairakhol	17.09.24	00:33	00:48	00:15	132kV Rairakhol-Boinda Feeder	At Rairakhol end: Distance Protection, Distance -24.38KM, Current IL1-227.1A, IL2-138.2A, IL3-268.3A, fault loop- IL1-E, Zone-1, General trip, Fault duration- 51.69ms At Boinda end: Distance -21.877KM, Current IL1-1739.51A, IL2-124.43A, IL3-266.12A, fault loop- IL1-E, Zone-1, General trip	Rairakhol, Maneswar, Maneswar RTSS	00:15	-	-	0.003234	Power supply again availed from Boinda Grid end at 00:48 hrs & Extended upto Maneswar Grid End at 00:48hrs.	-

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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			
435	Palasponga	17.09.24	08:04	08:07	00:03	132kV Palasponga-Kendujhargarh RTSS Feeder	At Palasponga end: Over Current,IA=300.2A,IB=266.5A,IC=42.85A,INM=7.405A,IND=6.986A	Kendujhargarh RTSS	00:03	-	-	0.000399	-	-
436	Budhipadar	17.09.24	09:40	12:42	03:02	132kV Budhipadar-MCL Feeder	At Budhipadar end: Over Current,D/P (MiOM P444): F-L=C-N, F.D= 3.886 km, F. Dur= 71.61 ms,la=180.1 A, lb=294.2A,lc=9.787kA	MCL	03:02	-	-	0.062098	-	-
437	Bhadrak	17.09.24	10:20	10:42	00:22	220kV Bhadrak-Balasore Feeder	At Balasore end: Distance Protection, Main-I:Dist Y-ph Optd,Zone-3,Auto reclose lockout, Dist-117.87 KM, fault current-Ir=443.978A, ly=1566.214 A, lb=378.893A,ln-789.678A	Bhadrak Jaipur Town Facor, Facor Power Bhadrak RTSS Dhamra Port, Dhamra Port RTSS	01:23 00:06 02:58 16:23 00:30	-	-	0.216104	-	-
				10:43	10:43	220kV New Duburi-Bhadrak Feeder	At New Duburi end: E/F (Y Ph), Zone 3, Dist- 110.8km, ly- 2.15kA At Bhadrak end: R-Y Ph, Zone 1, Dist-35.3km, lr- 5.63kA, ly- 5.35kA							
				11:30	11:30	132kV Bhadrak-Jaipur Town Feeder	At Jaipur Town end: Distance Protection,Irn=197.1A, lyn=78.84A, lbn=86.27A, Vrn=67.94 KV, Vyn=5.97KV, Vbn=70.79KV							
438	Kantabanji	17.09.24	11:16	11:18	00:02	132kV Kantabanji-Kantabanji RTSS Feeder	L-L FAULT WITH FAULT CURRENT 566A	Kantabanji RTSS	00:02	-	-	0.000117	-	-
439	Joda	17.09.24	21:37	22:06	00:29	220kV Joda-Ramchandrapur	At Joda end: DP relay-1 : A/R lockoutshot,Tripped phase : CN,Zone-2, Dist:117.1Km, Fault Current :la-334.7A ,lb-57.39A, lc-1.353kA DP relay-2 : Tripped phase : CG,Zone-2, Dist:109.96Km, Fault Current :la-45A ,lb-49A, lc-1281A, ln-1333A At RCPUR end: DP relay : Tripped phase : CN,Zone-1, Dist:10.20Km, Fault Current :la-350A ,lb-80A, lc-9.66kA	-	-	-	-	-	-	-
440	Rayagada	18.09.24	07:38	07:41	00:03	132kV Rayagada-Rayagada RTSS Feeder	At Rayagada end: Over Current,OVER CURRENT R & B PHASE	Rayagada RTSS	00:05	-	-	0.000563	-	-
			07:43	07:45	00:02		At Rayagada end: Over Current,OVER CURRENT R & B PHASE							
441	Jayanagar	18.09.24	12:42	15:37	02:55	220kV Jayanagar-U. Kolab PH CKT I	At Jayanagar end: Distance Protection,B-G,zone-1, dist=4.03km, lb=11.42KA	-	-	-	-	-	-	-
			12:48	15:45	02:57	220kV Jayanagar-U. Kolab PH CKT II	At Jayanagar end: Distance Protection,R-G, zone-1,dist=4.18km,lr=7.7KA							

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442	Kuchinda	19.09.24	02:40	03:41	01:01	132kV Kuchinda-SMC Power Feeder	At Kuchinda end: B Ph,Zone-1,Fault Duration-51.65ms,Fault Loc-13.22km,Ir=77.9A,Iy=214A,Ib=992A At SMC end: Tripped Phase-B,Fault Duration-71.65ms,Fault Loc-34.28km,Ir=62.7A,Iy=210A,Ib=2601A	-	-	-	-	-	During Interruption Kuchinda grid availed power from RGP Grid via Kutra Sw/S	-
			05:37	07:48	02:11		At Kuchinda end: Distance tripped,zone-1, location=13.40km Tripped phase Bph,Fault duration=50.01ms, Ir=69.61A,Iy=215.0A,Ib=991.2A, Fault resistnace=5.470 Ohm							
443	Paradeep	19.09.24	08:22	19-09-2024 10:07	01:45	132kV Paradeep-PPT CKT I	At Paradeep end: Earth Fault,R-Ph to G , Ir= 7.8 kA , Iy = 0 kA , Ib = 0 kA	-	-	-	-	-	PPA get power supply through PPA CKT II	-
444	Chainpal	19.09.24	10:48	11:14	00:26	132/33 kV 40MVA Trf-1 Chainpal	132kV Source failure. At Chainpal end: Distance Protection,ZONE-1, L2-N, DISTANCE=5.12KM, IA=0.53kA, IB=0.39kA, IC=0.23kA At Meramundali end: Distance Protection,Remote End Tripping,Y-E, Z1, Iy-12.4 kA,Z1, Ir-533 A, Iy- 390 A, Ib- 230 A	Chainpal, Global, Talcher Fert. Ltd Chainpal RTSS Heavy Water	00:37 00:32 00:57	-	-	0.029356	132kV Chainpal-Meramundali CKT-I was under L/C. Supply availed from TTPS by 132kV Bus Coupler.	-
		19.09.24	10:48	11:19	00:31	132kV Chainpal-RTSS Talcher Road								
		19.09.24	10:48	11:26	00:38	132kV Chianpal-TFL-Global								
		19.09.24	10:48	11:48	01:00	132/33 kV 40MVA Trf-2 Chainpal								
		19.09.24	10:48	12:02	01:14	132kV Meramundali-Chainpal CKT II								
		19.09.24	10:48	12:05	01:17	132/33 kV 20MVA Trf-3 Chainpal	132kV Source failure.							
445	Karanjia	19.09.24	20:04	20:18	00:14	132kV Turumunga-Karanjia Feeder	At Karanjia end: Distance Protection, DP relay: Distance pick up=L1-E, IL1=1KA, IL2=0.15KA, IL3=0.22KA, Distance=36.2km	-	-	-	-	-		-
			22:02	23:15	01:13		At Karanjia end: Distance Protection, DP relay: Trip time=5ms, Distance pick up=L1-E, IL1=1KA, IL2=0.14KA, IL3=0.22KA, Distance=36.0km							
446	Barapalli	20.09.24	08:09	08:45	00:36	132kV Bargarh New-Barapalli Feeder	Source Failure	Barapalli, Dunguripali RTSS	00:06	-	-	0.003055		-
			08:15	08:15		132kV Barapalli-Dunguripali RTSS Feeder	Source Failure							

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Partic 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 reschedul ed 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			
447	Cuttack	20.09.24	11:14	14:42	03:28	220kV Cuttack-Bidanasi CKT I	At Cuttack end: Distance Protection, Tripped on distance protection in zone 1 in O/C in LG fault (Bph to Ground). Fault Currents as follows: IR=268.4A, IY=432.2A, IB=3.833kA Dist=1.9kms from CTC end. At Bidanasi end: Distance Protection, Tripped on distance protection in zone 2 in O/C in LG fault (B-ph to Ground). Fault Currents as follows: rnlR=258.3A, IY=424.1A, IB=3.32kArnDist=7.9kms from Bidanasi end	-	-	-	-	-	Cuttack GSS was drawing power supply from Bidanasi vide Bidanasi Cuttack Ckt II.	-
448	Bonai	20.09.24	12:49	13:10	00:21	220kV Bonai-Tarkera Feeder	At Bonai end: Earth Fault, MAIN-2 ,ZONE-1, FAULT LOOP-C-N, Dist- 35.18KM, FAULT DURATION- 141.6ms, FAULT CURRENT-Ia- 115.2A, Ib-146.8A, Ic-576.8A ,	-	-	-	-	-	-	-
449	Balasore	20.09.24	16:39	16:45	00:06	132kV Balasore-Balasore RTSS Feeder	At Balasore end: Over Current, O/C, R, ph ,B-ph OPTD fault current: Ir=344A, Iy=343A	Balasore RTSS	00:06	-	-	0.000807	-	-
450	Rayagada	20.09.24	17:03	17:36	00:33	132kV Rayagada-Podagada Feeder	At Rayagada end: Remote End Tripping, MACHHAKUND P.H POWER SUPPLY FAIL	Podagada	00:33	-	-	0.001307	THERUBALI BTH POWER SUPPLY	-
451	Sunabeda	20.09.24	18:54	19:12	00:18	132kV Sunabeda-Jayanagar CKT I	At Jayanagar end: Distance Protection, R-G, zone-1, dist=17.2km, Ir=3.0kA	Sunabeda Potangi	00:18 00:19			0.005788		
				19:33	00:39	132kV Sunabeda-Jayanagar CKT II	At Jayanagar end: Distance Protection, R-B, zone-1, dist=8km, Ir=3kA, Ib=7kA							
				19:13	00:19	132kV Sunabeda-Potangi Feeder	At Potangi end: Source failure at Sunabeda end.							
452	Samagara	20.09.24	20:18	21:38	01:20	132kV Samagara-Satasankha CKT I	At Samagara end: Distance Protection, DP, Zone-1FL- L3E, IL3=2.61 KA, IL2=0.01KA, IL1=0.00KA dist.=22 KM AR block	-	-	-	-	-	-	-
453	Rairakhol	21.09.24	04:17	04:32	00:15	132kV Rairakhol-Boinda Feeder	At Rairakhol end: Distance Protection, Distance -27.43KM, Current IL1-281.4A, IL2-88.38A, IL3- 272.8A, fault loop- IL1-E , Zone-1, General trip, Fault duration- 50.01ms At Boinda end: Distance -21.456KM, Current IL1-1725.99A, IL2-70.21A, IL3-260A, fault loop- IL1-E , Zone-1, General trip	Rairakhol Rairakhol RTSS	00:15 00:17	-	-	0.003609	Power supply again availed from Boinda Grid end at 04:32 hrs & Extended upto Maneswar Grid End at 04:33hrs.	-

FORMAT : B-3 &B-4														
Partic 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 reschedul ed 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			
454	Balasore	21.09.24	07:32	15:30	07:58	132kV Udala-Balasore Feeder	At Balasore end: Distance Protection, First Fault: Dist R-ph ,Y-ph Optd,Zone-1,Auto reclose operated , Dist-5.89 KM, fault current-Ir=132A, Iy=9.1 KA, Ib=120A. Second Fault:Dist operated Y-ph operated,Zone-1,fault current Ir- 21A,Iy-9.385A,Ib-17A,Iln-9389A.	Udala	00:27	-	-	0.005121	-	-
455	Rajgangpur	21.09.24	10:08	28-09- 2024 08:36	22:28	132kV Tarkera-Rajgangpur CKT I	At Rajgangpur end: Distance Protection,AGT, IA-5552A, IB-5A, IC- 6A, IG-5585A, LOC-1.69KM	-	-	-	-	-	-	-
456	Bhanjanagar	21.09.24	12:31	15:09	02:38	220kV Bhanjanagar-Therubali CKT II	At Bhanjanagar end: Distance Protection, CN, Z-2, D=28.28km, IC=3.77 KA,CN, Z-1, D= 123.9 KM, IC=0.967 KA At Therubali end: Distance Protection,Remote End Tripping,CN, Z-2, D=28.28km, IC=3.77 KA,CN, Z- 1, D= 123.9 KM, IC=0.967 KA	-	-	-	-	-	-	-
457	Palasponga	21.09.24	15:37	15:40	00:03	132kV Palasponga-Kendujhargarh RTSS Feeder	At Palasponga end: Over Current,IA=300.7A,IB=253.9A,IC=73. 38A,INM=6.56A,IND=6.9A	Kendujhargarh RTSS	00:03	-	-	0.000399	-	-
458	Meramundali B	21.09.24	17:57	19:24	01:27	400/220kV 500MVA ICT-1 Meramundali B	PRV Operated,Tripped on PRD 1 and 2 OPTD. Master relay-2 Optd.	-	-	-	-	-	With ERLDC switch on code ER 1202, charged and stood ok.	-
459	Kesinga	21.09.24	23:48	22.09.24 00:14	00:26	132kV Khariar-Kantabanji	TRIP FROM SOURCE END GSS KHARIAR END	Kesinga, POWMEX Kesinga RTSS Khariar, Kantabanji, Kantabanji RTSS Bhawanipatna, Junagarh, Bhawanipatna RTSS.	00:23	-	-	0.057549	-	-
				22.09.24 00:10	00:22	220kV 160 MVA Auto Trf-1 Kesinga	Over Current,R ph-1.2 KA,Y ph-1.2 KA, B ph- 0.5 KA		00:24					
				22.09.24 00:45	00:57	220kV 160 MVA Auto Trf-2 Kesinga	Over Current,R ph-903.6 A,Y ph-235 A,B ph-503 A		00:26					
				22.09.24 00:31	00:41	132/33kV 20MVA Trf-3 Junagarh	Tripped on B/U relay.		00:40					
460	Lapanga	21.09.24	23:55	23-09- 2024 18:20	42:25:00	132kV Budhipadar-Lapanga Feeder	At Lapanga end: Distance Protection,Over Current,MAIN-1:- FAULT LOOP-L1-L2-E ZONE-1 IL1- 10.86KA IL2-11.08KA IL3-0KA DIST- 6.6KM,BACK UP O/C,E/F L1-L2	-	-	-	-	-	-	-
461	Therubali	22.09.24	10:59	22-09- 2024 11:14	00:15	220kV Jayanagar-U Kolab PH- Therubali Feeder	At Therubali end: Earth Fault, YG,Z2,114.7KM,1.224KA At U.Kolab end: YG, Z-1, 6.483KM, Iy=4.684KA	-	-	-	-	-	-	-

Partic												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			
462	New Duburi	22.09.24	11:12	22:47	11:35	220kV New Duburi-Bhadrak Feeder	At New Duburi end: Distance Protection,MAIN-1 GENERAL TRIP R-Ph PICK-UP,Y-Ph PICK-UP,ZONE-1 TRIP,EVENT-1,Distance PU L2-ErmlL2=4.37KA,Distance:35.3KM,A/R close,EVENT-2, Distance PU L1-2,IL1=5.63KA,IL2=5.35KA, Distance:40KM,MAIN-2: GENERAL TRIP, R-Ph PICK-UP,Y-Ph PICK-UP ,ONE-1 TRIP,EVENT-1,Distance PU L2-E,IL2=4.37KA, Distance:35.3KM, A/R close,EVENT-2,Distance PU L1-2rmlL1=5.63KA,IL2=5.35KA,Distance: 40KM,BACKUP RELAYn R-Ph PICK-UP Y-Ph PICK-UP	-	-	-	-	-	-	-
463	New Duburi	22.09.24	12:00	12:06	00:06	220kV New Duburi-Paradeep CKT I	At New Duburi end: Distance Protection,Remote End Tripping,MAIN-1,GEN TRIP ,Rphase PU,E/F PU,R-G LOOP, zone-1 trip, IL1-2.38KA DIST-85.1KM, AR SUCCESS,MAIN-2,Not Operated ,MAIN-1 : RG-LOOP, DIS-27.4KM I1-3.198KA AR- UNSUCCESSFUL,MAIN-2 : RG- LOOP, DIS-27.4KM I1-3.198KA AR- UNSUCCESSFUL At Paradeep end: Earth Fault,R- Ph to G ,Zone-I, Dist-27.3 kms, Ir= 3.14 kA , Iy= 0 kA , Ib= 0 kA	-	-	-	-	-	Paradeep Grid get power supply through 220kV New-Duburi CKT II	-
464	Chikiti	22.09.24	14:01	22-09-2024 14:26	00:25	132kV Chikiti-Digapahandi CKT II	At Chikiti end: Earth Fault,M/R1,M/2, Dist: 1.275KM, Ia- 1.739KA, Ib- 119.3A, Ic-153.3A, ZONE-1	-	-	-	-	-	-	-
465	Therubali	22.09.24	16:29	22-09-2024 16:50	00:21	220kV Jayanagar-U Kolab PH- Therubali Feeder	At Therubali end: Earth Fault,YBG, Z-1, 95.06KM, Iy=2.35KA,Ib=2.197KA At U.Kolab end: YBG, Z-1, 39.69KM, Iy=4.898KA,Ib=4.32KA	-	-	-	-	-	-	-
466	Rayagada	22.09.24	17:56	18:14	00:18	132kV Rayagada-Podagada Feeder	At Rayagada end: Remote End Tripping,MACHHAKUND P.H POWER SUPPLY FAIL	Podagada Rayagada	00:18 00:05	-	-	0.001659	THERUBALI BTH POWER SUPPLY	-
467	Lapanga	22.09.24	18:33	18:42	00:09	220kV Lapanga-Katapali CKT I	At Lapanga end: Distance Protection,Over Current,LAPANGA END DETAILS MAIN-1: FAULT LOOP-L1-E ZONE-1 IL1-7.84KA DIST-27.2KM MAIN-2: FAULT LOOP-L1-E ZONE-1 IL1-7.768KA DIST-23.07KM,BACK UP O/C E/F L1-E	-	-	-	-	-	-	-

Partic - - - - -												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			
468	Karanjia	22.09.24	18:44	18:51	00:07	132kV Turumunga-Karanjia Feeder	At Karanjia end: Distance Protection, DP relay: Distance pick up=L2-E, IL1=0.29KA, IL2=1.07KA, IL3=0.23KA, Distance=29.2km	-	-	-	-	-	-	-
			19:45	19:55	00:10	At Karanjia end: Distance Protection, DP relay: Distance pick up=L2-L3, IL1=0.04KA, IL2=1.05KA, IL3=1.01KA, Distance=33.4km								
			21:35	21:58	00:23	At Karanjia end: Distance Protection, DP relay: Distance pick up=L2-E, IL1=0.28KA, IL2=1.05KA, IL3=0.22KA, Distance=32.1km								
469	Jajpur Road	22.09.24	20:38	20:56	00:18	132kV Jajpur Town-Jajpur Road Feeder	At Jajpur Road end: Over Current,Ia=471.1 A ,Ib=503.3 A ,Ic=518.8 A At Jajpur Town end: Remote End Tripping, Tripped on O/C. Ia=471.1A,Ib=503.3A,Ic=518.8A	Jajpur Town	00:18	-	-	0.010736	-	-
470	Muniguda	22.09.24	22:42	22:44	00:02	132kV Muniguda-Bissam Cuttack RTSS Feeder	At Muniguda end: Over Current,Ir=267.6A	Bissam Cuttack RTSS	00:02	-	-	0.000199	-	-
471	Baripada	23.09.24	14:53	15:41	00:48	132kV Baripada-Baripada PG Feeder	At Baripada end: Over Current, At Baripada PG end: back up relay operated , Directional O/C in Y & B - Phase ,IL1=0.16KA, IL2=1KA, IL3=0.82KA .	Baripada Betanati	00:48 00:25	-	-	0.026435	-	-
				16:23	01:30	132kV Baripada-Betanati Feeder	At Baripada end: DP relay operated ,Zone -I , fault loop - L2-L3 ,Distance =16Km, IL1=0.07KA, IL2=3.45KA, IL3=3.38KA . At Betanati end: No tripping							
472	Angul	23.09.24	14:55	15:05	00:10	132kV Angul-TTPS Feeder	At Angul end: Remote End Tripping, At TTPS end: Breaker tripped on DP Relay,Fault Abs. Dist=5.917KM,fault Loop -L2N,fault current=6.517KA	-	-	-	-	-	-	-
473	Rairangpur	23.09.24	15:12	15:54	00:42	132kV Rairangpur -Karanjia Feeder	At Rairangpur end: Zone-1, Y-Phase,Dist=22.64KM,IA=318.8A,IB=1.753KA,IC=174.8A,Van=72.79KV,Vbn=27.72KV,Vcn=75.54KV At Karanjia end: Zone-1, Y-Phase,Dist=57.9KM,IL1=0.32KA,IB=0.26KA,IC=0.19KA	Karanjia	00:42	-	-	0.009190	-	-

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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			
474	Gondia	23.09.24	17:00	17:14	00:14	132kV Gondia-TTPS Feeder	At Gondia end: Distance Protection,Ir-0.10 KA , ly-0.13 KA , lb-1.13 KA Dist-50 Kms At TTPS end: Ir-94.20 A , ly-135.8 A , lb-4.011 KA , zone-1 Dist-24.85 Kms	-	-	-	-	-	-	-
475	G.Udaygiri	23.09.24	18:46	19:31	00:45	132kV Phulbani-G.Udaygiri Feeder	At G.Udaygiri end: Distance Protection, zone-1 , D-15.7KM, Ir-1.90KA, & lb-1.72KA.	G.Udaygiri	00:45	-	-	0.003203	Due to heavy thunderstorm	-
476	Katapali	23.09.24	20:09	21:15	01:06	132kV Katapali-Burla PH CKT I	At Katapali end: Distance Protection,Main 1(P40 Agile Micom):DP optd in ZONE-1 in B phase to ground,Dist=7.553km, Ir=120.9A , ly=284.5A, lb=4.748kA,ln=4.748kA, fault duration=81.64ms, relay trip time=79.98ms,rn	-	-	-	-	-	-	-
477	Bolangir New	23.09.24	20:57	22:40	01:43	132kV Bolangir New-Patnagarh CKT II	At Bolangir New: Distance Protection,Distance=22.47km, Ia=326A, lb=3.54KA, lc=188.2A, Fault duration=63.3ms,Relay trip time=79.95ms, fault resistance=2.239ohms	-	-	-	-	-	132KV Balangir New- patnagarh ckt-I was in charged condition to meet the load demand of GSS Patnagarh.	-
478	Cuttack	23.09.24	21:18	21:51	00:33	132kV Jagatsinghpur-Cuttack Feeder	At Cuttack end: Distance Protection,Tripped on Distance Protection in zone 3 with LG fault (Y-ph to Ground).rnIndications on DP Relay: Trip in Zone 3, Dist: shown 48.3km (But the line length is only 35.112km)rnFault Currents: IR=296.8kA, IY=1.924kA, IB=120.5A At Jagatsinghpur end: No tripping	Jagatsinghpur	00:08	-	-	0.003877	GSS Jagatsinghpur availed P/S from GSS Tirtol.	-
479	Bargarh New	23.09.24	22:22	23:05	00:43	132kV Bargarh-Bargarh New Feeder	At Bargarh New end: Earth Fault,Backup relay operated. Ia-0.84kA, lb-0.95kA, lc-0.88kA	Bargarh	00:43:00	-	-	0.029675	33KV side Y-Phase BUS Burst at Bargarh New end during the tripping period.	-
480	Karanjia	24.09.24	00:17	18:42	18:25	132kV Turumunga-Karanjia Feeder	At Karanjia end: Distance Protection, DP relay: Distance pick up=L2-E, IL1=0.03KA, IL2=1.11KA, IL3=0.03KA, Distance=32.2km	-	-	-	-	-	-	-
481	Rayagada	24.09.24	06:57	07:00	00:03	132kV Rayagada-Rayagada RTSS Feeder	At Rayagada end: Over Current,OVER CURRENT R & B PHASE	Rayagada RTSS	00:03	-	-	0.000338	-	-

FORMAT : B-3 &B-4														
Partic 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			
482	Katapali	24.09.24	11:48	18:56	07:08	220kV Katapali-Bolangir PG Feeder	At Katapali end: Distance Protection,Main 2(Micom ALSTOM):DP optd in ZONE-1 in B phase to ground,Auto reclose unsuccessful,Dist=31.25km, Ir=106.4A , ly=55.08A, lb=4.096kA,ln=4.748kA, fault duration=71.63ms, relay trip time=79.96ms	-	-	-	-	-	-	-
483	Bhawanipatna	24.09.24	12:54	12:58	00:04	132kV Bhawanipatana-Bhawanipatana RTSS Feeder	<u>At Bhawanipatna end:</u> Over Current	Bhawanipatana RTSS	00:04	-	-	0.000019	-	-
484	Narasinghpur	24.09.24	13:55	18:15	04:20	220kV Narasinghpur-Bhanjanagar Feeder	<u>At Narasinghpur:</u> Distance Protection,Zone-1, Dist:- 14.80KM, Ir-2.52kA (CB tripped only at Local end) <u>At Bhanjanagar:</u> Earth Fault	-	-	-	-	-	Due to SF6 CB, R-Phase limb, Closing coil and MCB problem the breaker couldn't be closed and was repaired and the charged at 18:15 Hrs.	-
485	Meramundali	24.09.24	14:15	16:01	01:46	400/220kV 315 MVA ICT-1 Meramundali	Relay Not Operated,Only LV side Master relay operated	-	-	-	-	-	-	-
486	Kantabanji	24.09.24	14:37	14:39	00:02	132kV Kantabanji-Kantabanji RTSS Feeder	L-L FAULT WITH FAULT CURRENT 324A	Kantabanji RTSS	00:02	-	-	0.000117	-	-
487	Jajpur Town	24.09.24	16:04	16:33	00:29	132kV Jajpur Town-Jajpur Road Feeder	At Jajpur Town end: Remote End Tripping,Started phase B-N, Tripped phase B-N, Zone-1, Dist=17.36KM, lrm=270A, lyn=357.7A, lbn=3.5KA, Vrm=77.56 KV, Vyn=78.97KV, Vbn=50.68KV, Fault resistance=1.32 ohm	Jajpur Town	00:29	-	-	0.017296	-	-
				17:03	00:59	132kV Bhadrak-Jajpur Town Feeder	At Jajpur Town end: Remote End Tripping,Started phase B-N, Tripped phase B-N, Zone-1, Dist=28.65KM, lrm=9A, lyn=8.9A, lbn=2.7KA, VRn=77.03 KV, Vyn=77.42KV, Vbn=59.37KV							
488	G.Udaygiri	24.09.24	16:19	17:16	00:57	132kV Phulbani-G.Udaygiri Feeder	<u>At G.Udaygiri end:</u> Distance Protection, zone-1 , D-43.5KM, ly-1.56KA, & lb-1.53KA.	Phulbani	00:57	-	-	0.014375	Due to heavy thunderstorm	-
489	Nuapada	24.09.24	17:55	18:02	00:07	132kV Nuapada-Padampur Feeder	<u>At Nuapada end:</u> Earth Fault,started ph N, Tripped phase N, Ia 409 A, Ib 178A, Ic 121 A, IN 653 A	Nuapada Padampur Khariar, Kantabanji, Kantabanji RTSS	00:39 01:11 00:11	-	-	0.041891	-	-
			18:03	25.09.24 10:20	16:17	132kV Nuapada-Padampur Feeder	<u>At Nuapada end:</u> Earth Fault,Started Ph N, Tripped Ph N, IA 97A, IB 103A, IC 35A, IN 50 A							
			20:17	20:28	00:11	132kV Kesinga-Khariar Feeder	<u>At Khariar end:</u> Earth Fault,R ph-2.8 KA <u>At Kesinga end:</u> Distance Protection,Distance-22.7 kms,R ph-2.81 KA,Y ph-149 A,B ph-451 A							
490	Muniguda	24.09.24	04:44	17:20	00:36	132kV Muniguda-Bissam Cuttack RTSS Feeder	OC/EF	Bissam Cuttack RTSS	00:36	-	-	0.003581	-	-

Partic												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			
491	Rairakhol	25.09.24	03:31	03:43	00:12	132kV Rairakhol-Boinda Feeder	At Rairakhol end: Distance Protection, Distance -25.61KM, Current IL1-170.7A, IL2-161.7A, IL3-297.7A, fault loop- IL1-E , Zone-1, General trip, Fault duration- 46.70ms At Boinda end: Distance -21.845KM, Current IL1-1778.20A, IL2-150.45A, IL3-295.88A, fault loop- IL1-E , Zone-1, General trip	Rairakhol RTSS Maneswar, Maneswar RTSS	00:12 00:13 00:08	-	-	0.003694	Power supply again availed from Boinda Grid end at 03:43 hrs & Extended upto Maneswar Grid End at 03:50hrs.	-
492	Khariar	25.09.24	04:44	05:00	00:16	132kV Kesinga-Khariar Feeder	At Khariar end: Distance Protection, Distance-22.06 kms, R ph-2.7 KA, Y ph-199 A, B ph-517 A At Kesinga end: Distance Protection, Distance-22.06 kms, R ph-2.7 KA, Y ph-199 A, B ph-517 A	Khariar, Kantabanji, Kantabanji RTSS, Nuapada, Nuapada RTSS, Padampur	00:17	-	-	0.021848	-	-
				04:59	00:15	132kV Khariar-Nuapada Feeder	At Nuapada end: Remote End Tripping, source							
493	Paradeep	25.09.24	11:38	12:01	00:23	220kV New Duburi-Paradeep CKT II	At Paradeep end: Earth Fault, B-Ph to G, Zone-I, Dist-6.7 kms, Ir= 0 kA, Iy= 0 kA, Ib= 6.77 kA	-	-	-	-	-	Paradeep get power supply through 220kV New-Duburi CKT I	-
494	Kamakhyana gar	25.09.24	16:40	16:55	00:15	132kV Kamakhyanagar-TTPS Feeder	At Kamakhyanagar end: Distance Protection, Ir=1.974KA, Iy=250A, Ib=15 6A, Distance=28.44 km	-	-	-	-	-	-	-
495	Soro	26.09.24	01:01	20:27	19:26	132kV Chandipur-Soro Feeder	At Soro end: Distance Protection, Zone-1, Group-1, B-G, Location-0.86KM, IA=68A, IB=2.603KA, IC=28A, IN=0, IG=2.643KA. At chandipur Grid end Relay details- Zone-1, Y-N, Location=27.95KM, IR=10.38A, IY=1.497KA, IB=14.29A, IN=1.501KA. At 1:34Hr charged from Chandipur Grid end but it immediately tripped on following faults. At Chandipur end: Distance Protection Relay, Zone-1, Event Y-N, Distance-27.95 KM, IR=12.8 A, IY=1.370 KA, IB=12.2A, IG-1.374KA.	-	-	-	-	-	On 26/09/2024 at 1:01Hr 132KV Soro-Chandipur line tripped from both Chandipur & Soro end. At 1:34Hr the said line charged from Chandipur end but it immediately tripped. At that time of fault Soro Grid was availing power supply from Bhadrak Grid end. L/C on 132kV Soro- Chandipur feeder taken for replacement of Y -phase Tension insulator string in location no. 105 in 132kV Soro- Chandipur line.	-
496	Rayagada	26.09.24	01:27	01:29	00:02	132kV Rayagada-Rayagada RTSS Feeder	At Rayagada end: Over Current, OVER CURRENT R & B PHASE	Rayagada RTSS	00:03	-	-	0.000338	-	-
			01:45	01:46	00:01		At Rayagada end: Over Current, OVER CURRENT R & B PHASE							
497	Bhawanipatna	26.09.24	03:03	03:07	00:04	133 kV Bhawanipatana-Bhawanipatana RTSS Feeder	At Bhawanipatna end: Over Current	Bhawanipatana RTSS	00:04	-	-	0.000019	-	-
498	Kesinga	26.09.24	18:00	18:07	00:07	132kV Kesinga-Khariar Feeder	At Kesinga end: Distance Protection, Distance-36.9 kms, R ph-2.07 KA, Y ph-168 A, B ph-338 A	Khariar, Kantabanji, Kantabanji RTSS	00:07	-	-	0.004505	-	-

Partic												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			
499	Jharsuguda	26.09.24	18:17	18:30	00:13	132kV Jharsuguda-Jharsuguda RTSS Feeder	Fault type Rph- G Fault Duration: 56.67ms Ia= 1.939 KA Ib= 1.394 KA MiCOM, 86A, 86B Tripped	Jharsuguda RTSS	00:13	-	-	0.001032	-	-
500	Rayagada	26.09.24	19:27	19:30	00:03	132kV Rayagada-Rayagada RTSS Feeder	At Rayagada end: Over Current,OVER CURRENT R & B PHASE	Rayagada RTSS	00:03	-	-	0.000338	-	-
501	Lapanga	27.09.24	08:39	10:44	02:05	132kV Budhipadar-Lapanga Feeder	At Lapanga end: Distance Protection,Over Current,LAPANGA END DETAILS MAIN-1:- FAULT LOOP-L3-E ZONE-1 IL1-0KA IL2-0KA IL3-6.28KA DIST-11.9KM,BACK UP O/C,E/F,Z-1 L2-E	-	-	-	-	-	-	-
502	Khuntuni	27.09.24	11:54	12:12	00:18	132kV ICCL-Khuntuni Feeder	At Khuntuni end: Distance Protection,B-Ph fault, Zone-1.Fault current Ir=6.08A, Iy=5.95A, Ib=2440.63A, Dist- 09.01 KM.	-	-	-	-	-	-	-
503	Rayagada	28.09.24	11:36	11:43	00:07	132kV Rayagada-Podagada Feeder	At Rayagada end: Remote End Tripping,MACHHAKUND P.H POWER SUPPLY FAIL	Rayagada Podagada	00:07 00:13	-	-	0.001840	THERUBALI BTH POWER SUPPLY	-
504	Baripada	28.09.24	12:31	12:46 15:17	00:15 02:46	132kV Baripada-Betanati Feeder 132kV Baripada-Baripada PG	Source Failure At Baripada end: DP relay operated, started phase :B N , Fault duration - 31.67ms ,Relay trip time -0.00ms ,IL1=286.9A, IL2=459.2A, IL3=236.1A .VAN=78.48KV, VBN=78.01KV ,VCN=37.35KV . At Baripada PG end: Backup O/C protection operated , Directional O/C trip ,IL1=0.32KA, IL2=0.29KA, IL3=4.7KA .	Baripada Betanati	00:16 00:14	-	-	0.010486	-	-
505	Katapali	28.09.24	16:07	28-09-2024 16:33	00:26	132kV Katapali-Burla PH CKT I	At Katapali end: Distance Protection,GE(P141) relay-tripped with O/C and E/F and Master trip optd in R & Y phase ,Ir=1.365KA , Iy=1.36KA, Ib=176A,In=1.1KA, Relay trip time=40ms , fault duration=49ms,CB optd time=44ms	-	-	-	-	-	-	-
506	Nabarangpur	28.09.24	23:03	23:22	00:19	132kV Tentulikhunti-Nabarangpur Feeder	At Nabarangpur end: Distance Protection, R - ph, Zone- 1, Ia=1.072KA, Ib=42.52A, Ic=45.35A, Dist=2.684 km At Tentulikhunti end: Distance protection OPTD Ia=1.8KA Dist-19.5km	-	-	-	-	-	-	-
507	Rayagada	29.09.24	01:50	01:58	00:08	132kV Rayagada-Podagada Feeder	At Rayagada end: Remote End Tripping,132KV Machkund Power supply fail from Machkund P.H.	Podagada Rayagada	00:14 00:08	-	-	0.002068	132KV Therubali-Rayagada BTH P/S.	-

Partic

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			
508	Kesinga	29.09.24	01:58	02:16	00:18	132kV Kesinga-Khariar Feeder	At Kesinga end: Distance Protection,Distance-14.9 kms, R ph-113.9 A,Y ph-381 A,B ph-3.7 KA	Khariar, Kantabanji, Kantabanji RTSS	00:14	-	-	0.009010	-	-
509	Infocity -II	29.09.24	15:47	16:20	00:33	220kV Mendhasal-Infocity II Feeder	At Infocity-II end: Earth Fault,Earth Fault with fault current Indication IR 0.08KA IY 1.85KA IB 8.4KA	Infocity -II	00:40	-	-	0.006919	-	-
				18:17	02:30	220kV Mendhasal-Atri Feeder	At Mendhasal end: Distance Protection,IY=9.5kA, Distance=5.1KM, ZONE- 1							
				30.09.24 14:11	22:24	220kV Infocity II-Atri Feeder	At Infocity -II end: Earth Fault,with following fault current indications:- Ir- 22.29A, Iy- 200A, Ib- 5.028KA At Atri end: Distance Protection,DP relay operated, B phase-N, IR= 22.29 A, IY= 200 A, IB= 5.20 kA, Zone-1, Distance= 13.2 km							
510	Marshaghai	29.09.24	22:41	23:00	00:19	132kV Marsaghai-kendrapara Feeder	At Marshaghai end: Relay Not Operated,incoming failure	Kendrapara Marsaghai, Kendrapara RTSS	00:23 00:26	-	-	0.018528	-	-
			22:41	23:52	01:11	132kV Marsaghai-Paradeep Feeder	At Marshaghai end: Distance Protection,Distance-Zone-1(1.5 km), IL3 =2.15 KA							
			22:42	23:16	00:34	132kV Kendrapara-Paradeep Feeder	Earth Fault							
			22:43	22:46	00:03	132kV Salipur-kendrapara Feeder	At Salipur end: Relay Not Operated,No relay indication or tripping at Salipur end.							
			22:43	23:06	00:23	132kV Kendrapara-Pattamundai Feeder	At Pattamundai end: Over Current,Directional O/C(R,Y,B) Ir=0.41kA, Iy=0.39kA, Ib=0.43kA							
			23:01	23:09	00:08	132kV Marsaghai-kendrapara Feeder	At Marshaghai end: Relay Not Operated,source failure							
			23:16	23:19	00:03	132kV Marsaghai-kendrapara Feeder	At Marshaghai end: Relay Not Operated,source failure							
511	Jayanagar	30.09.24	00:09	00:19	00:10	132kV Sunabeda-Jayanagar CKT I	At Jayanagar end: Distance Protection,Y-G, zone-1,dist=25km, Iy=2.0kA	-	-	-	-	-	-	-
				00:24	00:15	132kV Sunabeda-Jayanagar CKT II	At Jayanagar end: Distance Protection,Y-G,zone-1,dist=23km,Iy=2.3kA							
				00:45	00:36	132kV Sunabeda-Potangi Feeder	At Potangi end: Remote End Tripping,Source failure at Sunabeda end.							
512	Rayagada	30.09.24	00:52	00:54	00:02	132kV Rayagada-Rayagada RTSS Feeder	At Rayagada end: Over Current,R-B Phase O/C relay indication. Backup P141 operated. Ia=219.3A, Ic=220.1A	Rayagada RTSS	00:02	-	-	0.000225	-	-

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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			
513	Mendhasal	30.09.24	11:05	13:33	02:28	220kV Mendhasal-Nayagarh Feeder	At Mendhasal end: Distance Protection,IB=4.89KA, Distance=9.5KM	-	-	-	-	-	-	-
514	New Duburi	30.09.24	12:59	17:43	04:44	220kV New Duburi-JSL CKT I	At New Duburi end: O/C (R-Y-B Ph), Ir- 0.71kA, Iy- 0.71kA, Ib- 0.72kA At Jindal end: O/C (R-Y-B Ph), Ir- 0.758kA Iy- 0.757kA, Ib- 0.773kA	JSL	00:45	-	-	0.044569	Circuit got tripped when a 20MVA transformer at jindal end got tripped	-
				13:56	00:57	220kV New Duburi-JSL CKT II	At New Duburi end: O/C (R-Y-B Ph), Ir-0.98kA, Iy- 0.07kA, Ib- 1.19kA At Jindal end: O/C (R-Y-B Ph), Ir- 0.758kA Iy- 0.757kA, Ib- 0.773kA							
515	Saintala	30.09.24	14:19	14:37	00:18	132kV Saintala-Tusura Feeder	At Saintala end: Distance Protection,ZONE-1,DISTANCE-20.63KM,IA-3.53A,IB-1.55KA,IC-5.32A,RESISTANCE-11.66 OHMS	BEL	00:16	-	-	0.000006	-	-
				14:35	00:16	132kV Saintala-BEL Solar Feeder	At Saintala end: Differential,HV DIFFERENTIAL							
516	Rayagada	30.09.24	22:15	22:17	00:02	132kV Rayagada-Rayagada RTSS Feeder	At Rayagada end: Over Current,R-B Phase O/C relay indication. Backup P141 operated. Ia=219.2A, Ic=220.2A	Rayagada RTSS	00:02	-	-	0.000225	-	-
517	Lapanga	30.09.24	22:16	22:28	00:12	132kV Lapanga-Hirakud Feeder	At Lapanga end: Distance Protection,NO FAULT RECORDED	-	-	-	-	-	-	-

OVERALL PERFORMANCE***Frequency Profile for the quarter (JULY'24-SEPTEMBER'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
JULY	744	105.72	14.21	48.85	6.57
AUGUST	744	141.68	19.04	36.62	4.92
SEPTEMBER	720	113.92	15.82	45.50	6.32
Total	2208	361.32	16.36	130.97	5.93

OVERALL PERFORMANCE

Format - C1.2

Frequency Profile for the quarter (JULY'24-SEPTEMBER'24)
(Maximum continuous period of deviation)

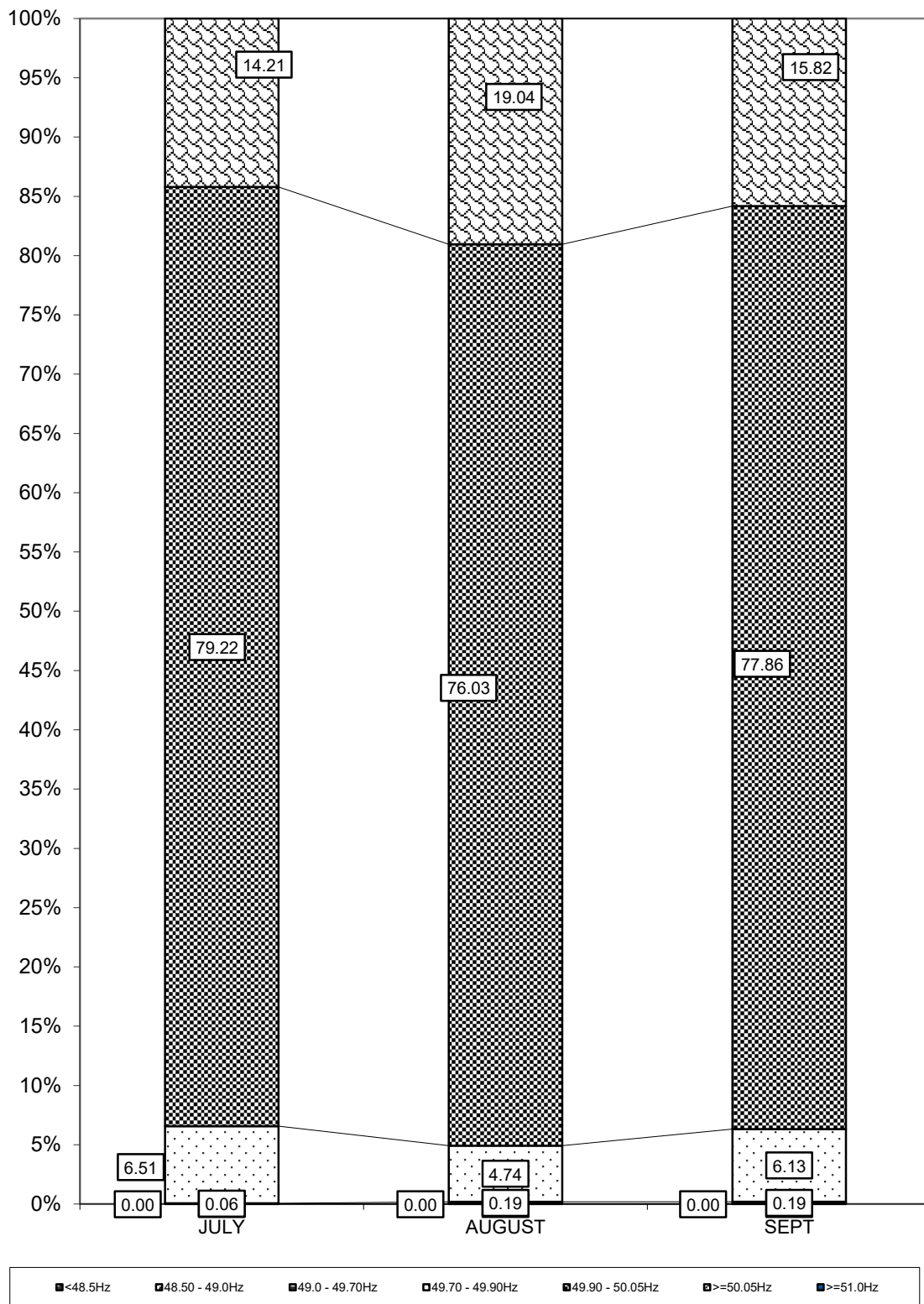
Month	Frequency (>50.05 Hz.)			Frequency (<49.9 Hz.)			
	Total duration	Percentage	Maximum continuous period of	Month	Total duration	Percentage	Maximum continuous period of
	(HRs)	of time	deviation with date, time and reason		(HRs)	of time	deviation with date, time and reason
1	2	3	4	5	6	7	8
August	4.28	0.19	25.08.24 / 09:32	September	1.55	0.07	22.09.24 / 20:10
			25.08.24 / 13:49				22.09.24 / 21:43

OVERALL PERFORMANCE***Frequency Profile for the quarter (JULY'24-SEPTEMBER'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

50.35	14.09.24	13:00	49.58	18.09.24	18:30	-
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FREQUENCY PROFILE



132KV VOLTAGE AT DIFFERENT GRID SUBSTATIONS

CESU ZONE

SUBSTATIONS	Jul.24						Aug.24						Sep.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	137.5	23.07.2024	13:00	129.4	11.07.2024	15:00	138.21	24.08.2024	14:00	130.9	12.08.2024	19:15	137.64	19.09.2024	13:15	131.0	20.09.2024	22:30
Argul	137.6	01.07.2024	04:45	126.8	10.07.2024	22:45	136.60	16.08.2024	02:00	126.9	04.08.2024	22:45	136.89	17.09.2024	03:30	126.2	30.09.2024	23:00
Badagada	139.8	23.07.2024	03:45	129.1	11.07.2024	23:00	139.75	16.08.2024	02:00	129.8	04.08.2024	22:45	140.77	15.09.2024	02:45	129.6	05.09.2024	23:00
Balugaon	137.4	23.07.2024	13:45	119.9	17.07.2024	22:45	137.41	14.08.2024	08:15	125.1	04.08.2024	22:45	136.54	07.09.2024	14:00	124.2	13.09.2024	20:15
Banki	137.6	01.07.2024	05:00	126.7	10.07.2024	22:45	136.71	16.08.2024	02:00	126.8	04.08.2024	23:15	137.17	25.09.2024	04:15	126.1	30.09.2024	23:00
Bhubaneswar	137.5	27.07.2024	05:45	127.1	10.07.2024	22:45	137.58	18.08.2024	05:30	127.9	04.08.2024	22:45	138.39	15.09.2024	02:45	127.2	05.09.2024	23:00
Bidanasi	139.1	27.07.2024	06:00	128.2	10.07.2024	23:00	139.71	18.08.2024	05:30	128.5	04.08.2024	23:00	137.92	15.09.2024	02:45	126.7	06.09.2024	23:00
Boinda	138.2	23.07.2024	13:00	128.5	06.07.2024	11:15	139.71	24.08.2024	13:45	129.4	22.08.2024	11:45	138.44	23.09.2024	17:00	129.8	20.09.2024	22:30
Chainpal	138.7	01.07.2024	06:00	132.0	10.07.2024	22:30	138.73	27.08.2024	04:45	133.1	12.08.2024	19:30	139.02	19.09.2024	11:00	131.4	20.09.2024	14:45
Chandaka	136.6	27.07.2024	05:45	126.6	10.07.2024	22:45	136.60	16.08.2024	02:00	127.2	04.08.2024	22:45	137.06	15.09.2024	02:30	126.4	06.09.2024	22:45
Chandpur	136.8	04.07.2024	16:45	122.3	17.07.2024	22:45	136.08	16.08.2024	02:00	125.3	23.08.2024	11:30	136.25	09.09.2024	02:45	125.3	11.09.2024	14:45
Choudwar	139.8	24.07.2024	06:15	113.1	28.07.2024	17:45	139.25	16.08.2024	01:15	126.5	04.08.2024	22:45	138.21	26.09.2024	06:00	125.7	30.09.2024	22:30
Cuttack	137.7	01.07.2024	04:45	126.2	11.07.2024	23:00	137.29	16.08.2024	02:00	126.8	04.08.2024	22:45	137.35	15.09.2024	02:30	125.9	05.09.2024	23:00
Dhenkanal	137.4	25.07.2024	04:00	128.3	13.07.2024	12:15	138.33	27.08.2024	04:45	130.9	12.08.2024	19:30	139.02	15.09.2024	02:00	130.2	20.09.2024	14:45
Jagatsinghpur	136.4	27.07.2024	05:45	123.6	17.07.2024	22:45	137.12	03.08.2024	01:30	123.9	04.08.2024	22:45	136.89	14.09.2024	20:15	120.2	08.09.2024	23:00
Kalarangi	137.6	20.07.2024	06:30	130.7	11.07.2024	23:00	138.79	01.08.2024	05:45	132.0	12.08.2024	19:00	138.21	15.09.2024	02:30	131.1	30.09.2024	23:15
Kamakhyanagar	136.9	24.07.2024	07:15	130.3	11.07.2024	22:45	138.04	01.08.2024	06:15	131.6	12.08.2024	19:00	137.81	15.09.2024	02:30	131.1	19.09.2024	18:45
Kendrapada	138.0	15.07.2024	18:15	119.1	11.07.2024	23:00	136.83	01.08.2024	06:00	124.7	11.08.2024	20:45	137.75	15.09.2024	02:45	123.8	30.09.2024	23:00
Khajuriakata	139.0	21.07.2024	06:00	130.9	13.07.2024	22:45	138.85	27.08.2024	04:45	130.8	09.08.2024	19:15	139.31	15.09.2024	02:00	131.7	20.09.2024	14:45
KhuntuniGIS	137.6	03.07.2024	13:45	124.8	13.07.2024	12:15	137.96	17.08.2024	16:30	128.8	28.08.2024	12:00	139.21	15.09.2024	02:00	128.8	20.09.2024	15:15
Khurda	137.2	01.07.2024	04:45	126.8	10.07.2024	23:00	136.48	16.08.2024	02:15	127.0	04.08.2024	22:45	136.83	17.09.2024	03:30	126.0	30.09.2024	23:15
Konark	135.8	27.07.2024	04:15	124.0	11.07.2024	23:00	135.73	16.08.2024	02:00	126.1	04.08.2024	22:45	137.29	17.09.2024	03:15	125.5	30.09.2024	12:45
Mania	139.4	24.07.2024	06:15	114.8	13.07.2024	21:15	140.18	18.08.2024	05:30	119.9	13.08.2024	22:45	138.21	26.09.2024	06:00	124.6	04.09.2024	11:30
Marshaghai	137.9	15.07.2024	18:15	120.5	11.07.2024	23:00	137.05	01.08.2024	06:00	113.8	12.08.2024	16:00	137.99	15.09.2024	02:45	124.2	30.09.2024	23:00
Nimapara	136.0	27.07.2024	05:45	124.1	11.07.2024	23:00	136.19	16.08.2024	02:00	126.3	04.08.2024	22:45	137.35	17.09.2024	03:15	125.8	30.09.2024	12:45
Nuapatana	137.5	07.07.2024	02:45	126.2	10.07.2024	22:45	136.94	16.08.2024	04:15	126.4	04.08.2024	23:00	137.29	25.09.2024	04:15	125.5	30.09.2024	23:00
Olaver	137.7	07.07.2024	17:45	121.2	11.07.2024	23:00	137.11	01.08.2024	06:15	125.9	12.08.2024	22:30	137.51	15.09.2024	06:00	124.8	30.09.2024	22:45
Paradeep	136.6	07.07.2024	17:45	121.9	11.07.2024	23:00	135.85	01.08.2024	06:00	124.9	12.08.2024	16:45	136.60	15.09.2024	02:45	124.2	30.09.2024	23:00
Pattamundai	136.9	07.07.2024	17:45	118.8	16.07.2024	18:45	136.31	01.08.2024	06:00	124.7	12.08.2024	22:30	136.94	15.09.2024	02:30	123.4	30.09.2024	22:30
Phulnakhara	137.1	27.07.2024	05:45	126.8	11.07.2024	23:00	137.35	16.08.2024	02:00	127.1	04.08.2024	22:45	138.10	15.09.2024	02:45	127.1	05.09.2024	23:00
Puri	135.2	04.07.2024	03:15	122.7	06.07.2024	12:15	136.07	07.08.2024	05:00	116.0	04.08.2024	22:45	135.07	26.09.2024	06:00	118.1	30.09.2024	22:45
Ranasinghpur	136.4	24.07.2024	03:30	124.6	11.07.2024	15:00	136.83	16.08.2024	01:45	125.7	04.08.2024	22:45	137.00	25.09.2024	04:15	124.1	06.09.2024	22:45
Salipur	139.3	24.07.2024	06:15	116.2	11.07.2024	23:00	139.48	17.08.2024	16:45	121.8	13.08.2024	22:30	138.21	15.09.2024	03:00	121.6	30.09.2024	22:45
Samangara	137.7	01.07.2024	04:45	127.2	11.07.2024	23:00	137.46	18.08.2024	05:30	128.7	04.08.2024	22:45	137.61	17.09.2024	03:30	127.6	05.09.2024	23:00
Shamuka	136.7	04.07.2024	17:45	124.3	11.07.2024	23:00	135.85	01.08.2024	04:45	118.1	04.08.2024	22:45	136.37	17.09.2024	03:15	117.7	30.09.2024	23:00
Tirtol	138.2	07.07.2024	17:45	121.5	11.07.2024	23:15	137.62	01.08.2024	06:00	126.5	12.08.2024	22:45	138.85	15.09.2024	02:45	122.4	08.09.2024	23:00
Unit-8GIS	139.8	27.07.2024	05:45	130.2	10.07.2024	22:45	139.89	18.08.2024	05:30	130.5	04.08.2024	22:45	139.71	09.09.2024	03:00	129.0	30.09.2024	23:00

132KV VOLTAGE AT DIFFERENT GRID SUBSTATIONS

NESCO ZONE

SUBSTATIONS	Jul.24						Aug.24						Sep.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	137.5	27.07.2024	05:45	124.9	14.07.2024	23:15	140.08	13.08.2024	18:15	126.1	12.08.2024	16:15	139.21	16.09.2024	14:00	127.2	05.09.2024	11:15
Anandpur	138.7	27.07.2024	05:45	129.3	11.07.2024	22:45	140.35	16.08.2024	05:30	132.1	11.08.2024	20:45	139.66	15.09.2024	06:00	131.3	06.09.2024	22:45
Balasore	135.6	27.07.2024	05:45	122.3	10.07.2024	23:15	136.64	22.08.2024	13:15	125.2	12.08.2024	22:30	137.34	16.09.2024	02:30	123.2	22.09.2024	20:15
Bangiriposi	142.0	23.07.2024	12:45	126.2	10.07.2024	22:45	138.79	01.08.2024	05:45	129.8	12.08.2024	22:00	140.12	15.09.2024	04:00	128.2	22.09.2024	21:45
Barbil	138.3	23.07.2024	14:00	131.1	11.07.2024	23:00	139.71	01.08.2024	06:00	131.7	14.08.2024	12:30	138.96	16.09.2024	14:00	131.0	06.09.2024	20:30
Baripada	137.3	27.07.2024	05:45	115.3	23.07.2024	16:15	137.55	01.08.2024	05:30	118.3	31.08.2024	14:30	138.92	15.09.2024	04:15	112.5	04.09.2024	20:00
Basta	136.9	27.07.2024	06:00	123.4	10.07.2024	22:45	137.17	01.08.2024	05:45	126.4	12.08.2024	22:00	138.62	16.09.2024	02:30	124.4	22.09.2024	20:15
Betanati	138.3	27.07.2024	05:45	118.9	23.07.2024	16:15	138.44	01.08.2024	05:45	121.0	31.08.2024	13:45	139.58	15.09.2024	04:15	115.4	04.09.2024	19:45
Bhadrak	137.9	27.07.2024	05:30	122.6	21.07.2024	22:45	140.35	13.08.2024	18:15	126.3	12.08.2024	16:00	141.56	25.09.2024	06:15	123.0	22.09.2024	20:15
Bhograi	137.4	27.07.2024	06:00	122.2	23.07.2024	15:00	137.80	02.08.2024	05:15	126.7	12.08.2024	22:00	139.25	16.09.2024	02:30	125.4	22.09.2024	20:30
Bolani	138.3	23.07.2024	14:00	130.9	11.07.2024	23:00	139.48	01.08.2024	06:00	130.1	22.08.2024	08:00	138.96	16.09.2024	14:00	130.9	06.09.2024	20:30
ChandabaliGIS	137.7	07.07.2024	17:45	122.0	11.07.2024	23:00	137.19	01.08.2024	06:00	126.3	12.08.2024	22:30	137.57	15.09.2024	06:00	125.3	30.09.2024	22:45
Chandikhol	137.2	01.07.2024	04:45	133.6	01.07.2024	00:00	135.77	08.08.2024	02:45	127.8	27.08.2024	07:00	136.07	09.09.2024	02:30	126.2	03.09.2024	19:00
Dhenkikote	143.5	23.07.2024	16:45	119.4	13.07.2024	22:45	137.06	16.08.2024	08:45	124.2	12.08.2024	22:30	139.60	15.09.2024	11:30	122.9	22.09.2024	21:45
DuburiO	138.7	20.07.2024	05:45	130.8	11.07.2024	22:45	140.06	01.08.2024	06:00	132.7	12.08.2024	19:00	139.66	15.09.2024	06:00	132.0	30.09.2024	23:15
JaipurRoad	138.8	20.07.2024	06:30	130.3	11.07.2024	22:45	140.29	16.08.2024	05:30	132.4	11.08.2024	20:45	139.83	15.09.2024	06:00	131.6	30.09.2024	23:15
JaipurTown	135.7	24.07.2024	18:00	118.4	21.07.2024	22:45	140.52	13.08.2024	18:15	123.4	12.08.2024	16:00	141.91	25.09.2024	06:15	119.7	22.09.2024	20:15
Jaleswar	136.8	27.07.2024	05:45	122.9	23.07.2024	15:00	137.17	02.08.2024	05:15	126.4	12.08.2024	22:15	138.50	16.09.2024	02:30	124.3	12.09.2024	22:00
Joda	137.9	23.07.2024	14:00	131.0	11.07.2024	23:00	139.08	01.08.2024	06:00	131.6	14.08.2024	12:30	138.50	15.09.2024	09:45	130.8	06.09.2024	20:30
Karanja	143.5	23.07.2024	16:45	120.1	13.07.2024	22:45	137.69	28.08.2024	18:15	124.8	12.08.2024	22:15	139.83	15.09.2024	11:30	123.4	22.09.2024	21:45
Polasponga	137.3	23.07.2024	12:45	116.4	17.07.2024	01:30	138.79	01.08.2024	06:15	129.0	17.08.2024	15:00	137.81	25.09.2024	13:30	128.7	11.09.2024	22:30
Rairangpur	142.4	23.07.2024	12:45	122.0	10.07.2024	22:45	137.41	01.08.2024	05:45	126.1	12.08.2024	22:30	139.44	15.09.2024	04:15	125.0	22.09.2024	21:45
Somnathpur	136.9	27.07.2024	05:45	122.8	10.07.2024	15:30	137.52	01.08.2024	05:45	127.2	12.08.2024	22:15	137.92	15.09.2024	06:00	124.8	22.09.2024	20:15
Soro	134.9	27.07.2024	05:30	114.1	16.07.2024	21:00	137.17	22.08.2024	13:15	117.1	13.08.2024	14:00	138.27	25.09.2024	06:15	113.5	06.09.2024	22:30
Udala	136.7	27.07.2024	05:45	123.0	10.07.2024	23:15	137.16	01.08.2024	06:00	125.0	31.08.2024	13:45	138.19	16.09.2024	02:30	120.4	04.09.2024	19:45

SOUTHCO ZONE

SUBSTATIONS	Jul.24						Aug.24						Sep.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	143.3	31.08.2024	00:00	119.0	20.08.2024	10:30	149.34	20.05.2024	18:00	119.4	06.05.2024	12:30	141.00	26.09.2024	14:45	121.9	05.09.2024	14:00
Aska	139.2	31.08.2024	00:00	130.4	04.08.2024	22:45	141.68	13.05.2024	02:45	123.0	29.05.2024	14:30	139.48	27.09.2024	03:30	129.0	06.09.2024	22:45
Berhampur	138.5	31.08.2024	00:00	129.1	04.08.2024	22:45	143.33	13.05.2024	03:00	122.0	29.05.2024	14:30	138.70	07.09.2024	14:00	127.5	06.09.2024	22:45
Bhanjanagar	139.7	31.08.2024	00:00	120.0	05.08.2024	12:00	140.47	13.05.2024	03:00	124.0	29.05.2024	14:30	139.71	09.09.2024	02:45	129.8	06.09.2024	22:45
Boudh	138.2	22.08.2024	10:45	119.5	13.08.2024	19:30	143.43	07.05.2024	06:00	117.5	03.05.2024	15:30	137.43	08.09.2024	19:45	119.7	06.09.2024	19:00
Chatrapur	138.6	31.08.2024	00:00	129.1	04.08.2024	22:45	143.18	06.05.2024	15:30	122.3	29.05.2024	14:30	138.85	07.09.2024	14:00	127.6	06.09.2024	22:45
Chikiti	138.5	18.08.2024	17:30	129.1	04.08.2024	22:45	142.54	13.05.2024	03:00	121.5	29.05.2024	14:30	138.56	07.09.2024	14:00	127.5	06.09.2024	22:45
Dabugaon	135.7	08.08.2024	02:30	127.9	27.08.2024	07:00	136.92	07.05.2024	05:00	122.1	03.05.2024	15:00	135.88	09.09.2024	02:30	126.0	03.09.2024	19:00
Digapahandi	140.7	18.08.2024	17:30	131.5	04.08.2024	22:45	144.80	13.05.2024	03:00	123.7	29.05.2024	14:30	140.93	27.09.2024	03:30	129.8	06.09.2024	22:45
Ganjam	138.2	16.08.2024	01:15	128.5	04.08.2024	22:45	142.84	06.05.2024	15:30	121.8	29.05.2024	14:30	138.38	27.09.2024	04:45	127.1	06.09.2024	22:45
Jayanagar	139.4	02.08.2024	03:30	132.3	27.08.2024	07:00	141.56	07.05.2024	05:15	131.7	30.05.2024	14:30	138.39	09.09.2024	02:30	132.2	19.09.2024	18:45
Mohana	147.2	31.08.2024	00:00	128.4	11.08.2024	15:30	148.93	06.05.2024	16:30	123.0	29.05.2024	14:30	145.30	26.09.2024	14:45	126.3	05.09.2024	10:45
Narendrapur	142.4	31.08.2024	00:00	132.8	04.08.2024	22:45	147.86	06.05.2024	15:30	125.9	29.05.2024	14:30	142.60	07.09.2024	14:00	131.2	06.09.2024	22:45
Paralakhemendi	136.4	30.08.2024	15:00	118.4	21.08.2024	14:30	135.27	06.05.2024	17:00	115.2	06.05.2024	12:15	135.15	13.09.2024	20:00	120.1	05.09.2024	14:00
Phulbani	137.3	16.08.2024	03:00	127.8	04.08.2024	20:30	141.38	13.05.2024	03:00	121.0	28.05.2024	12:30	138.40	24.09.2024	17:15	126.1	03.09.2024	19:45
Podagada	146.3	31.08.2024	00:00	126.3	21.08.2024	14:30	145.65	07.05.2024	06:45	126.2	02.05.2024	15:15	144.59	10.09.2024	03:00	128.5	18.09.2024	10:45
Potangi	139.2	02.08.2024	03:30	129.4	27.08.2024	07:00	140.87	07.05.2024	05:15	129.2	31.05.2024	11:00	137.75	25.09.2024	03:15	130.4	03.09.2024	18:45
Purushottampur	137.4	18.08.2024	16:45	127.9	04.08.2024	22:45	141.98	13.05.2024	03:00	119.5	29.05.2024	14:30	138.49	07.09.2024	14:00	126.4	06.09.2024	22:45
Rayagada	145.5	31.08.2024	00:00	124.7	21.08.2024	14:30	145.60	10.05.2024	17:00	125.3	02.05.2024	15:15	146.18	10.09.2024	03:45	127.1	06.09.2024	15:00
Sunabeda	137.5	02.08.2024	03:30	127.8	27.08.2024	07:00	140.48	07.05.2024	05:15	126.9	30.05.2024	12:45	136.20	06.09.2024	13:30	128.6	03.09.2024	19:00
Tentulikhunti	139.0	08.08.2024	02:45	131.5	27.08.2024	07:00	141.33	07.05.2024	05:15	129.4	30.05.2024	14:45	138.56	09.09.2024	02:30	129.8	30.09.2024	18:15
Therubali	143.1	10.08.2024	06:00	134.3	05.08.2024	11:15	141.91	07.05.2024	05:15	130.8	29.05.2024	23:15	143.18	09.09.2024	02:30	131.6	03.09.2024	19:00
Umerkote	137.2	08.08.2024	02:45	127.8	27.08.2024	07:00	145.21	07.05.2024	05:15	125.2	09.05.2024	07:00	137.64	09.09.2024	02:15	126.7	30.09.2024	18:30

132KV VOLTAGE AT DIFFERENT GRID SUBSTATIONS

WESCO ZONE

SUBSTATIONS	Jul.24						Aug.24						Sep.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	136.1	24.07.2024	03:45	121.0	11.07.2024	16:45	139.02	07.08.2024	13:00	124.6	28.08.2024	17:00	144.74	23.09.2024	21:00	117.3	20.09.2024	09:15
Bargarh	134.6	03.07.2024	04:00	117.9	04.07.2024	16:30	138.79	29.08.2024	07:45	118.2	13.08.2024	16:45	144.45	23.09.2024	21:00	113.7	20.09.2024	09:15
Bhawanipatna	141.9	07.07.2024	17:15	125.6	16.07.2024	19:15	140.76	25.08.2024	13:15	124.0	13.08.2024	20:00	140.95	23.09.2024	22:45	126.1	30.09.2024	18:30
Bolangir	137.6	07.07.2024	17:30	123.9	16.07.2024	19:15	136.94	25.08.2024	14:00	124.1	13.08.2024	19:15	139.43	08.09.2024	19:45	124.4	20.09.2024	09:15
Brajarajnagar	139.8	01.07.2024	14:00	129.7	08.07.2024	14:30	138.74	24.08.2024	14:00	134.4	13.08.2024	15:45	138.21	16.09.2024	13:45	134.1	05.09.2024	16:45
Budhipadar	137.6	01.07.2024	13:45	123.7	08.07.2024	14:30	136.31	24.08.2024	14:00	132.9	13.08.2024	15:15	136.02	16.09.2024	13:45	132.7	13.09.2024	10:45
Chend	134.5	07.07.2024	17:15	128.0	11.07.2024	15:15	134.69	17.08.2024	17:30	129.1	12.08.2024	12:00	134.87	29.09.2024	06:00	126.7	23.09.2024	11:30
ChipilimaP.H.	136.6	01.07.2024	13:45	128.6	11.07.2024	16:30	137.54	29.08.2024	07:45	129.9	13.08.2024	16:30	137.27	23.09.2024	21:00	129.4	03.09.2024	16:45
Ghens	135.7	24.07.2024	03:45	120.0	11.07.2024	15:45	138.85	22.08.2024	05:15	124.2	13.08.2024	16:30	144.80	23.09.2024	21:00	116.5	20.09.2024	09:15
Jharsuguda	137.6	01.07.2024	14:00	132.1	11.07.2024	16:15	136.25	24.08.2024	14:00	132.9	13.08.2024	16:15	136.02	16.09.2024	13:45	132.1	23.09.2024	16:45
Jayapatna	138.2	23.07.2024	04:45	128.7	27.07.2024	19:15	141.16	08.08.2024	02:30	131.9	04.08.2024	20:15	141.50	09.09.2024	02:30	129.8	03.09.2024	19:15
Junagarah	140.1	07.07.2024	17:15	123.5	16.07.2024	19:15	138.21	25.08.2024	13:00	122.3	13.08.2024	20:00	138.96	23.09.2024	22:45	124.2	30.09.2024	18:30
Kalunga	142.4	14.07.2024	04:15	118.0	12.07.2024	10:30	136.21	10.08.2024	12:00	118.1	10.08.2024	11:15	136.80	10.09.2024	13:30	118.8	11.09.2024	19:00
Kantabanji	142.3	07.07.2024	17:15	123.0	16.07.2024	19:15	141.52	25.08.2024	13:00	124.4	13.08.2024	20:00	145.30	23.09.2024	23:00	123.1	04.09.2024	19:15
Katapali	138.2	01.07.2024	14:00	131.1	11.07.2024	16:15	139.37	29.08.2024	07:45	131.3	13.08.2024	07:15	137.35	23.09.2024	21:00	131.3	03.09.2024	16:45
Kesinga	137.7	07.07.2024	17:15	122.9	16.07.2024	19:15	136.65	25.08.2024	13:00	122.5	13.08.2024	20:00	137.81	23.09.2024	22:45	123.8	30.09.2024	18:30
Khariar	146.1	07.07.2024	17:15	125.8	16.07.2024	19:15	142.65	25.08.2024	13:00	124.9	13.08.2024	20:00	147.04	23.09.2024	23:00	124.3	04.09.2024	19:15
Kuchinda	135.2	04.07.2024	13:30	123.1	11.07.2024	15:30	134.18	20.08.2024	05:45	125.4	30.08.2024	12:30	135.16	24.09.2024	17:45	126.7	06.09.2024	10:00
Lapanga	137.8	01.07.2024	14:00	132.4	11.07.2024	16:30	136.54	20.08.2024	04:45	131.6	13.08.2024	16:45	136.14	15.09.2024	15:30	133.1	23.09.2024	16:15
Maneswar	138.6	23.07.2024	13:00	128.8	16.07.2024	19:00	138.74	28.08.2024	16:15	129.4	12.08.2024	16:45	139.06	07.09.2024	16:15	127.9	20.09.2024	22:30
Nuapada	145.7	12.07.2024	18:45	116.1	08.07.2024	06:15	142.44	29.08.2024	09:30	113.0	13.08.2024	20:00	153.20	23.09.2024	22:45	118.2	20.09.2024	09:00
Padampur	136.4	24.07.2024	14:15	113.9	18.07.2024	16:45	136.09	07.08.2024	13:45	123.4	05.08.2024	06:15	146.46	24.09.2024	18:15	113.2	04.09.2024	15:30
Patnagarh	135.9	07.07.2024	17:30	120.6	16.07.2024	19:30	135.67	25.08.2024	13:15	120.4	13.08.2024	19:15	137.69	23.09.2024	22:45	121.6	20.09.2024	18:45
Rairakhol	138.3	23.07.2024	13:00	128.9	15.07.2024	12:15	139.95	24.08.2024	13:45	129.9	22.08.2024	22:30	138.21	07.09.2024	16:30	128.1	20.09.2024	22:30
Rajgangpur	137.3	02.07.2024	05:45	123.6	06.07.2024	15:30	135.33	17.08.2024	17:30	125.6	23.08.2024	00:30	136.48	24.09.2024	17:15	129.4	06.09.2024	12:30
Rourkela	135.4	07.07.2024	17:15	129.0	11.07.2024	14:45	135.44	17.08.2024	17:45	130.1	12.08.2024	12:00	135.27	10.09.2024	06:15	129.9	23.09.2024	15:15
Sadeipali	139.3	07.07.2024	17:30	125.9	16.07.2024	19:15	138.44	25.08.2024	14:00	126.1	13.08.2024	20:00	139.71	23.09.2024	22:45	126.1	20.09.2024	09:15
Sambalpur	137.2	01.07.2024	14:00	127.1	25.07.2024	12:15	136.37	20.08.2024	05:15	130.1	12.08.2024	19:15	136.65	23.09.2024	20:15	129.0	03.09.2024	16:30
Sonepur	134.2	12.07.2024	18:30	118.4	16.07.2024	19:15	134.58	25.08.2024	11:45	117.4	13.08.2024	19:30	134.87	08.09.2024	19:45	118.1	04.09.2024	19:00
Sundargarah	138.6	01.07.2024	14:00	132.6	11.07.2024	16:15	137.12	24.08.2024	14:00	133.5	13.08.2024	15:45	136.89	16.09.2024	13:45	132.7	05.09.2024	11:45
Tusura	136.9	07.07.2024	17:30	122.6	16.07.2024	19:15	137.89	22.08.2024	05:45	122.1	13.08.2024	20:00	138.63	07.09.2024	19:00	121.6	20.09.2024	09:15

400KV VOLTAGE AT DIFFERENT GRID SUBSTATIONS

SUBSTATIONS	Jul.24						Aug.24						Sep.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	415.1	20.07.2024	06:30	398.3	10.07.2024	14:45	414.4	18.08.2024	05:45	399.8	11.08.2024	20:45	413.6	02.09.2024	05:45	396.5	30.09.2024	23:15
Lapanga	415.3	01.07.2024	12:15	406.6	18.07.2024	19:15	411.4	02.08.2024	02:00	406.1	27.08.2024	10:15	411.8	25.09.2024	10:00	398.7	13.09.2024	15:45
Mendhasal	413.8	28.07.2024	05:00	395.5	11.07.2024	23:00	414.1	18.08.2024	05:30	394.4	04.08.2024	22:45	413.6	25.09.2024	04:15	393.1	30.09.2024	23:00
Meramundali	412.9	20.07.2024	06:30	400.6	10.07.2024	14:45	412.6	01.08.2024	06:00	401.5	12.08.2024	22:00	412.2	25.09.2024	05:00	399.7	30.09.2024	23:00

220KV VOLTAGE AT DIFFERENT GRID SUBSTATIONS

SUBSTATIONS	Jul.24						Aug.24						Sep.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	233.3	23.07.2024	03:45	213.3	15.07.2024	22:30	233.5	31.08.2024	05:00	219.4	04.08.2024	22:45	233.6	09.09.2024	02:45	216.4	06.09.2024	22:45
Atri	229.6	27.07.2024	05:45	214.8	10.07.2024	22:45	229.5	18.08.2024	05:30	214.9	12.08.2024	14:45	229.7	15.09.2024	02:45	214.5	05.09.2024	23:00
Balasore	228.1	31.07.2024	06:00	213.9	29.07.2024	11:45	230.3	01.08.2024	05:45	214.4	12.08.2024	22:30	230.7	15.09.2024	06:00	210.1	22.09.2024	20:15
Balimela	242.4	23.07.2024	03:30	232.0	16.07.2024	12:45	242.5	01.08.2024	17:45	229.7	27.08.2024	07:00	238.9	02.09.2024	05:30	233.2	19.09.2024	18:45
Barkote	230.5	23.07.2024	06:00	223.0	13.07.2024	12:15	231.4	24.08.2024	14:00	225.6	27.08.2024	10:00	231.7	17.09.2024	16:00	224.1	06.09.2024	23:00
Bargarh	227.4	03.07.2024	04:00	207.1	04.07.2024	16:45	227.2	22.08.2024	05:15	211.1	13.08.2024	20:00	229.2	23.09.2024	22:45	204.5	21.09.2024	15:30
Bhadrak	225.3	27.07.2024	05:30	204.1	21.07.2024	22:00	227.4	13.08.2024	18:15	207.0	12.08.2024	16:00	229.7	25.09.2024	06:15	202.1	05.09.2024	14:30
Bhanjanagar	233.0	23.07.2024	03:45	214.2	15.07.2024	22:30	233.1	31.08.2024	05:00	220.1	04.08.2024	22:45	233.1	25.09.2024	04:00	216.9	06.09.2024	22:45
Bidanasi	231.2	27.07.2024	05:45	214.7	10.07.2024	22:45	231.6	31.08.2024	05:00	215.3	04.08.2024	22:45	232.9	15.09.2024	02:30	215.6	05.09.2024	23:00
BolangirN	231.6	07.07.2024	17:30	210.3	16.07.2024	19:15	230.8	25.08.2024	14:00	211.4	13.08.2024	20:00	229.9	08.09.2024	19:45	210.5	20.09.2024	09:15
Budhipadar	231.6	01.07.2024	13:45	225.1	11.07.2024	16:30	230.0	08.08.2024	03:15	225.7	13.08.2024	16:45	229.6	26.09.2024	13:45	225.2	05.09.2024	16:00
Chandaka	228.6	27.07.2024	05:45	210.8	10.07.2024	22:45	228.4	01.08.2024	06:00	214.1	04.08.2024	22:45	224.9	27.09.2024	01:15	208.4	06.09.2024	22:45
Cuttack	227.6	27.07.2024	05:45	211.0	10.07.2024	22:45	227.9	18.08.2024	05:30	211.8	04.08.2024	22:45	229.4	15.09.2024	02:45	211.8	05.09.2024	23:00
Duburi Old	225.7	21.07.2024	06:00	212.6	11.07.2024	22:45	228.0	01.08.2024	06:00	216.5	12.08.2024	18:45	227.8	15.09.2024	06:00	215.2	30.09.2024	23:15
Duburi New	227.8	20.07.2024	06:30	215.2	11.07.2024	22:45	229.7	01.08.2024	06:00	217.6	12.08.2024	19:00	229.2	15.09.2024	06:00	216.6	30.09.2024	23:15
Infocity-II GIS	230.2	27.07.2024	05:45	215.6	10.07.2024	22:45	230.3	18.08.2024	05:30	216.1	04.08.2024	22:45	230.6	25.09.2024	04:15	215.3	05.09.2024	23:00
Jayanagar	236.8	23.07.2024	03:30	226.8	16.07.2024	22:45	237.2	02.08.2024	03:30	225.0	27.08.2024	07:00	235.0	09.09.2024	02:30	225.1	30.09.2024	18:15
Joda	229.5	01.07.2024	14:00	218.4	11.07.2024	16:30	230.3	29.08.2024	07:45	219.6	13.08.2024	19:15	228.5	23.09.2024	21:00	218.8	20.09.2024	18:45
Katapalli	229.5	01.07.2024	14:00	218.5	11.07.2024	16:30	230.4	29.08.2024	07:45	219.6	13.08.2024	19:15	228.5	23.09.2024	21:00	218.8	20.09.2024	18:45
KeonjharGIS	224.0	27.07.2024	05:45	217.0	10.07.2024	22:45	224.2	01.08.2024	05:30	217.3	12.08.2024	19:15	223.3	15.09.2024	10:00	213.0	22.09.2024	21:45
Lapanga	234.0	01.07.2024	13:45	226.7	11.07.2024	16:30	231.6	24.08.2024	14:00	227.1	13.08.2024	16:15	231.6	24.09.2024	03:00	219.1	11.09.2024	11:45
Laxmipur	238.3	23.07.2024	04:15	224.1	15.07.2024	22:15	239.5	10.08.2024	05:45	228.9	27.08.2024	07:00	239.1	09.09.2024	02:30	225.4	03.09.2024	19:45
Malkangiri	243.2	23.07.2024	05:45	232.6	16.07.2024	12:45	243.2	01.08.2024	17:45	230.3	27.08.2024	07:00	239.7	02.09.2024	05:45	233.8	19.09.2024	18:45
Mendhasal	230.9	27.07.2024	05:45	216.3	10.07.2024	22:45	231.1	18.08.2024	05:30	216.8	04.08.2024	22:45	231.4	15.09.2024	02:30	215.9	05.09.2024	23:00
Meramundali	229.0	23.07.2024	06:00	220.8	15.07.2024	22:15	229.3	01.08.2024	14:15	222.9	12.08.2024	22:45	228.0	04.09.2024	05:45	220.9	06.09.2024	23:00
Narsinghpur	225.0	23.07.2024	06:00	212.8	15.07.2024	22:30	224.9	03.08.2024	06:00	207.6	01.08.2024	14:00	224.5	23.09.2024	17:15	214.2	06.09.2024	23:00
Narendrapur	231.3	24.07.2024	08:00	206.5	15.07.2024	22:30	232.0	31.08.2024	05:00	217.0	04.08.2024	22:45	232.3	09.09.2024	03:15	214.2	06.09.2024	22:45
Nayagarh	230.0	01.07.2024	04:45	208.5	15.07.2024	22:30	229.1	18.08.2024	06:00	212.5	04.08.2024	22:45	229.0	27.09.2024	04:15	210.7	05.09.2024	23:00
Paradeep	224.5	16.07.2024	18:00	202.1	11.07.2024	23:00	227.3	01.08.2024	06:00	211.2	11.08.2024	20:45	227.9	15.09.2024	06:00	209.3	30.09.2024	23:00
Tarkera	228.9	31.07.2024	05:45	221.9	13.07.2024	12:15	229.3	02.08.2024	06:00	223.0	20.08.2024	12:30	229.0	17.09.2024	14:00	222.2	21.09.2024	20:30
Theruvali	237.3	23.07.2024	04:15	220.0	15.07.2024	22:15	240.3	10.08.2024	06:00	226.1	04.08.2024	20:15	240.6	09.09.2024	02:30	222.0	03.09.2024	19:15
Rengali	227.6	23.07.2024	06:00	220.3	13.07.2024	12:30	227.9	05.08.2024	05:45	222.6	05.08.2024	11:15	227.5	12.09.2024	05:45	221.8	06.09.2024	22:45

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	0	0					
Bolangir New		0	0	0	0	0	0	0	0	0	0	0	0					
Budhipadar		0	0	0	0	0	0	0	0	0	0	0	0					
Chandaka		0	0	0	0	0	0	0	0	0	0	0	0					
Cuttack		0	0	0	0	0	0	0	0	0	0	0	0					
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	0	0	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	0	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	Jul.24	Aug.24	Sep.24
BURLA	92.727	160.777	182.561
CHITPLIMA	27.655	28.963	28.635
BALIMELA	131.043	146.827	233.211
RENGALI	35.067	160.160	169.521
U.KOLAB	51.327	48.710	107.132
INDRAVATI	97.560	106.515	163.893
O.H.P.C	435.379	651.953	884.953
MACHHAKUND(O/D)	13.099	18.768	14.818
TOTAL STATE HYDRO	448.478	670.721	899.771
OPGC(UNIT 1& 2)	237.831	230.384	230.654
OPGC(UNIT 1& 2) SHP (Biribati & Kendupatana)	0.000	0.000	0.000
OPGC(UNIT 3 & 4)	787.458	483.903	623.204
OPGC(UNIT 3 & 4) UI	1.914	1.927	2.261
IPP-GMR	178.552	172.872	170.287
GMR(UI)	-1.162	1.554	3.166
IPP-Vedanta Ltd	312.273	259.686	137.143
NAVA LTD.	4.464	0.867	4.064
JITPL (IPP)	48.543	65.590	83.659
IBUIL LTD.	17.605	20.205	15.430
MTPCL	2.097	2.285	3.896
TOTAL THERMAL	1589.575	1239.272	1273.763
IMFA	0.690	0.661	0.844
NALCO	0.380	0.119	0.291
OTHER CGPs	42.226	33.050	37.153
TOTAL-CPPs	43.296	33.831	38.288
Meenakshi	25.679	30.586	28.286
Samal HEP	7.109	8.294	9.189
M/S BPPPL	6.051	21.828	20.025
Ms APPPL	8.655	10.125	6.889
Kakatiya	0.480	3.257	5.284
Total Small Hydro	47.973	74.089	69.673
Solar Power under RPSSGP Scheme	0.553	0.611	0.728
Alex Green Energy	0.442	0.496	0.608
ACME Solar	2.630	2.849	3.443
SECI (VGF Scheme Ph-II,Batch-I-GEDCOL)	1.412	1.590	1.959
SECI (GEDCOL) MANAMUNDA	0.164	0.180	0.232
SECI (GEDCOL) MAKHIGUDA	0.060	0.088	0.092
SECI (GEDCOL) JAYANAGAR	0.000	0.000	0.128
SECI (GEDCOL) BARIPADA	0.095	0.092	0.100
SECI (GEDCOL) BOLANGIR	0.163	0.181	0.235
SECI (VGF Scheme Ph-II,Batch-IV)	23.385	28.341	33.101
Aditya Birla Pvt. Ltd.-1	2.947	3.483	3.815
Aditya Birla Pvt. Ltd.-2	2.802	2.908	3.448
Aditya Birla Pvt. Ltd.-3	2.869	3.236	3.640
NVVNL Bundle Power (Solar) Aftab	0.660	0.291	0.641
Total State Solar	38.181	44.346	52.170
Biomass-JPIPL	7.151	3.291	0.000
Total Odisha	2174.654	2065.549	2333.665
SECI (VGF Scheme Ph-II,Batch-I-Ralasthan & Gulrat (including OA charges)	5.939	5.296	5.862
Dadri Solar Bundle Power	0.506	0.567	0.467
Faridabad Solar Bundle Power	0.420	0.468	0.456
NVVNL Bundle Power(Solar)	1.808	1.389	1.945
SECI (AZURE POWER PVT. LTD.) 300 MW	59.958	54.718	60.304
SECI (AZURE POWER PVT. LTD.) 200 MW	40.049	35.208	40.434
Total Central Solar	108.681	97.646	109.468
PTC-Ostro	14.071	16.610	9.522
SECI-Green Infra	29.516	32.635	18.937
Vivid Solire	44.419	23.263	38.308
Renew Wind Energy	10.629	11.892	2.702
Adani Wind Energy	13.236	14.423	8.146
Total Central Wind	111.871	98.823	77.615
TOTAL Central Thermal	1107.157	1116.336	1042.716
TOTAL Central Hydro	103.335	104.452	108.519
Central Sector Over drawal	20.690	21.010	21.682
EREB IMPORT	1459.352	1460.996	1399.470
EREB EXPORT	48.830	58.030	49.419
NET EREB	1410.522	1402.966	1350.051
Banking Power(Import)	-0.313		0.315
TRADING(PXIL+IEX+Bilateral) (Import)	7.931	22.730	39.155
OTHER SALE(Including Nalco+Imfa)	47.190	28.300	28.350
TRADING(PXIL+IEX+Bilateral) (Export) (Excl. TPA sale)	385.333	364.034	506.843
Banking Power(Export)	0.325		4.185
SYSTEM DEMAND	3199.518	3104.482	3172.687

* Monthly Pool Account is yet to be finalised.
(July-Sept)

GRIDCO DRAWAL FROM DIFFERENT SOURCES FOR THE PERIOD (July'24-Sept'24)

Sl. No	Source of Power	Drawal in MU	Total Cost in Crore(Rs.)	Avg. Cost in P/U
1	TOTAL HYDRO	2018.969	187.838	93.04
2	OPGC	2599.535	868.099	333.94
3	TTPS			
4	ISGS	4163.539	1469.574	352.96
5	CPPs	115.415		0.00
6	IPPs	1503.075	430.251	286.25
7	Non-conventional(State)	336.875	159.158	472.45
	TOTAL	10737.408	3114.920	290.10

TRADING+IEX+Banking Power+OA+	1260.720
Net Purchase	9476.688

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 30.06.24 IN MVA	PROGRESSIVE IN MVA	CAPACITY ADDITION (MVA)	DATE	REMARKS
1	Barapalli	1 x 40 + 1 x 20	1 x 40 + 2 x 20	20	10.07.24	132/33kV 20MVA Power TRF No-III charged 14:16 hrs and loaded at 17:17 hrs
2	Kaurmunda	1 x 40	2 x 40	40	11.07.24	220/132/33kV 40MVA Power TRF No-II charged at 15:05 hrs and loaded at 19:15 hrs.
3	Turumunga	-	1 x 20	20	22.07.24	132/33kV 20MVA Power TRF No-I charged at 16:14 hrs.
4	Jagatsinghpur	1 x 40 + 2 x 20	1 x 20 + 2 x 40	20	24.07.24	132/33kV 20MVA Power TRF No-II charged replacing the old 20 MVA TRF at 16:36 hrs
5	Phulnakhara	3 x 20	1 x 40 + 2 x 20	20	31.07.24	132/33kV 20MVA Power TRF No-I charged replacing the old 20 MVA TRF at 14:32 hrs
6	Brundabahal	-	1 x 20	20	09.08.24	132/33kV 20MVA Power TRF No-I charged at 17:46 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	23.07.24	Bolangir	-	-	-	LA burst (B Ph) of 40MVA TRF II.		-	-
Bolangir	-	-	-	-	-	-	-	-	-
Chainpal	-	-	-	-	-	-	-	-	-
Cuttack	23.07.24	Pratapsasan	-	-	220kV Main Bus-1 B phase PT was burst.	-	-	-	-
Jajpur Road	15.07.24	Agarapada	-	-	33kV TRF II tripped due to puncture of 33kV LA of Station TRF-I	-	-	-	-
	18.08.24	New Duburi	-	-	CT burst of jindal ckt II at New duburi end	-	-	-	
Jeypore	03.05.24	Kasipur	-	-	-	-	-	-	-