

POWERGRID CORPORATION OF INDIA LIMITED.
SUMMARY OF ELEMENT WISE OUTAGES & AVAILABILITY
NAME OF REGION : NR-I

NAME OF REGION : NRTS-I
Availability calculation for the Period : From 01.12.2021 to 31.12.2021

Sr.No.	ELEMENT NAME	Description (Length/Nos./MVA/MVAR/ MW/etc.)	Region	Type of failure	OUTAGE		RESTORATION		DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classificatio n/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency								
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS	System constraint/ Natural calamity/ Militancy	Deemed Available										@ (T)	# (U)	& (C)	* (D)				
																										Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min
																										Z	(E)	(F)	G=E x F
1	3	4	5	6	7	8	12	13	14	15	19	20	21	23	24	25	26	27											
A	800 KV HVDC																												
1	800KV HVDC CHAMPA-KURUKSHETRA POLE-I	1305.00	NRI	--	01-12-21 00:00	01-12-21 09:43	00:00	00:00	00:00	09:43	LVRD	Blocked on Voltage Regulation. Kurukshetra-423 KV.	N-6867																
					01-12-21 21:47	02-12-21 09:03	00:00	00:00	00:00	11:16	LVRD	Blocked on Voltage Regulation. Kurukshetra-432 KV.	N-308																
					02-12-21 20:26	03-12-21 10:04	00:00	00:00	00:00	13:38	LVRD	Blocked on Voltage Regulation. Kurukshetra-432 KV.	N-591																
					03-12-21 20:53	04-12-21 10:03	00:00	00:00	00:00	13:10	LVRD	Blocked on Voltage Regulation. Kurukshetra-432 KV.	N-948																
					04-12-21 20:36	05-12-21 08:51	00:00	00:00	00:00	12:15	LVRD	Blocked on Voltage Regulation. Kurukshetra-432 KV.	N-1257																
					05-12-21 20:08	06-12-21 08:19	00:00	00:00	00:00	12:11	LVRD	Blocked on Voltage Regulation. Kurukshetra-432 KV.	N-1475																
					10-12-21 22:09	11-12-21 09:52	00:00	00:00	00:00	11:43	LVRD	Hand tripped on Voltage Regulation. KKR-426 KV.	N-3112																
					11-12-21 22:20	13-12-21 06:16	00:00	00:00	00:00	31:56	LVRD	Hand tripped on Voltage Regulation. KKR-426 KV.	N-3502																
					14-12-21 00:18	14-12-21 08:20	00:00	00:00	00:00	08:02	LVRD	Hand tripped on Voltage Regulation. KKR-429 KV.	N-4041																
					16-12-2021 19:52	17-12-21 08:31	00:00	00:00	00:00	12:39	LVRD	Hand tripped on Voltage Regulation. KKR-424 KV.	N-4928																
					17-12-2021 20:18	18-12-21 06:26	00:00	00:00	00:00	10:08	LVRD	Hand tripped on Voltage Regulation. KKR-430 KV.	N-5300																
					19-12-21 20:22	20-12-21 10:25	00:00	00:00	00:00	14:03	LVRD	Hand tripped on Voltage Regulation. KKR-430 KV.	N-5910																
					20-12-21 21:13	21-12-21 06:28	00:00	00:00	00:00	09:15	LVRD	Hand tripped on Voltage Regulation. KKR-430 KV.	N-6287																
					21-12-21 21:09	22-12-21 07:17	00:00	00:00	00:00	10:08	LVRD	Hand tripped on Voltage Regulation. KKR-430 KV.	N-6607																
					23-12-21 21:23	24-12-21 08:30	00:00	00:00	00:00	11:07	LVRD	Hand tripped on Voltage Regulation. KKR-430 KV.	N-7202																
					24-12-21 08:30	24-12-21 15:18	06:48	00:00	00:00	00:00	OSFT	Force S/D due to VBE major fault alarm at Champa end while deboosting.	N-7202																
					25-12-21 23:37	26-12-21 09:32	00:00	00:00	00:00	09:55	LVRD	Hand tripped on Voltage Regulation. KKR-430 KV.	N-7763																
					26-12-21 21:48	27-12-21 09:00	00:00	00:00	00:00	11:12	LVRD	Hand tripped on Voltage Regulation. KKR-430 KV.	N-7999																
					27-12-21 21:41	28-12-21 08:28	00:00	00:00	00:00	10:47	LVRD	Hand tripped on Voltage Regulation. KKR-430 KV.	N-8413																
					29-12-21 03:20	29-12-21 06:55	00:00	00:00	00:00	03:35	LVRD	Hand tripped on Voltage Regulation. KKR-430 KV.	N-8798																
					29-12-21 18:24	29-12-21 22:56	04:32	00:00	00:00	00:00	OMST	Tripped on block command from Champa end due to operation of HVHS reclose protection.	***																
					29-12-21 23:30	30-12-21 07:41	00:00	00:00	00:00	08:11	LVRD	Hand tripped on Voltage Regulation. KKR-430 KV.	N-9132																
					30-12-21 21:35	31-12-21 08:19	00:00	00:00	00:00	10:44	LVRD	Hand tripped on Voltage Regulation. KKR-428 KV.	N-9443																
	SUB TOTAL			--			11:20	00:00	00:00	245:38				744.00	1500	1305.000	1957500.00	1927681.45	98.48										
				--	01-12-21 00:00	01-12-21 09:44	00:00	00:00	00:00	09:44	LVRD	Blocked on Voltage Regulation. Kurukshetra-423 KV.	N-6868																

Sr.No.	ELEMENT NAME	Description (Length/Nos. /MW/HRVAr/ MW/etc.)	Region	Type of failure	OUTAGE	RESTORATION	DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classificatio n/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency										
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS										System constraint/ Natural calamity/ Militancy	Deemed Available	@ (T)	# (U)	& (C)	* (D)				
																										Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min
																										Z	(E)	(F)	G=E x F
SUB TOTAL													Hrs	E	F	G	H												
					22-12-21	21:55	23-12-21	08:38	00:00	00:00	00:00	10:43	LVRD	Hand tripped on Voltage Regulation. KKR-430 KV.	N-6927														
					27-12-21	01:28	27-12-21	05:19	03:51	00:00	00:00	00:00	OMST	Tripped on external block command at Kurukshetra. One Media convertor control card found faulty and replaced.	***														
	SUB TOTAL			--					10:20	00:00	00:00	22:42				744.00	1500	1305.000	1957500.00	1930312.50	98.61								
4	TOTAL FOR HVDC								29:53	00:00	00:00	531:54						5220.0	7830000.0	7751375.5	98.996								
B	765 KV TRANS LINES																												
1	765KV AGRA-JHATIKALA	253.08	NR1	--	29-12-21	19:26	29-12-21	20:14	00:48	00:00	00:00	00:00	OMST	Tripped only from Jhatikara end due to DT receive from Agra and remain charged from Agra end.	***														
									00:00	00:00	00:00	00:00																	
	SUB TOTAL			--					00:48	00:00	00:00	00:00				744.00	4	253.076	1012.30	1011.22	99.89								
2	765KV AJMER-CHITTOR-I	211.01	NR1		01-12-21	12:34	02-12-21	07:34	00:00	00:00	00:00	19:00	LVRD	Hand tripped on Voltage Regulation. Ajmer-802 KV.	N-159														
					03-12-21	19:12	04-12-21	07:49	00:00	00:00	00:00	12:37	LVRD	Hand tripped on Voltage Regulation. Ajmer-807 KV.	N-886														
					05-12-21	13:28	06-12-21	08:16	00:00	00:00	00:00	18:48	LVRD	Hand tripped on Voltage Regulation. Ajmer-807 KV.	N-1413														
					08-12-21	16:59	09-12-21	06:54	00:00	00:00	00:00	13:55	LVRD	Hand tripped on Voltage Regulation. Ajmer-804 KV.	N-2427														
					10-12-21	12:59	11-12-21	07:52	00:00	00:00	00:00	18:53	LVRD	Hand tripped on Voltage Regulation. Ajmer-804 KV.	N-3051														
					12-12-21	15:10	13-12-21	07:28	00:00	00:00	00:00	16:18	LVRD	Hand tripped on Voltage Regulation. Ajmer-804 KV.	N-3643														
					14-12-21	16:02	15-12-21	09:55	00:00	00:00	00:00	17:53	LVRD	Hand tripped on Voltage Regulation. Ajmer-793 KV.	N-4209														
					16-12-21	16:20	17-12-21	06:57	00:00	00:00	00:00	14:37	LVRD	Hand tripped on Voltage Regulation. Ajmer-802 KV.	N-4852														
					17-12-21	08:51	17-12-21	20:15	11:24	00:00	00:00	00:00	OSPT	Shutdown for line and bay maintenance work	N-5102														
					17-12-21	20:15	18-12-21	08:00	00:00	00:00	00:00	11:45	LVRD	Line kept open on Voltage Regulation. Ajmer-802 KV.	N-5317														
					18-12-21	08:00	18-12-21	18:43	10:43	00:00	00:00	00:00	OSPT	Shutdown for line and bay maintenance work	N-5430														
					18-12-21	18:43	19-12-21	07:52	00:00	00:00	00:00	13:09	LVRD	Line kept open on Voltage Regulation. Ajmer-802 KV.	N-5617														
					22-12-21	13:44	23-12-21	06:50	00:00	00:00	00:00	17:06	LVRD	Line kept open on Voltage Regulation. Ajmer-802 KV.	N-6803														
					26-12-21	13:15	27-12-21	07:59	00:00	00:00	00:00	18:44	LVRD	Hand tripped on Voltage Regulation. Ajmer-800 KV.	N-7908														
					31-12-21	13:06	01-01-22	00:00	00:00	00:00	00:00	10:54	LVRD	Hand tripped on Voltage Regulation. Ajmer-800 KV.	N-9614														
	SUB TOTAL			--					22:07	00:00	00:00	203:39				744.00	6	211.010	1266.06	1228.42	97.03								
				--	02-12-21	12:09	03-12-21	07:43	00:00	00:00	00:00	19:34	LVRD	Hand tripped on Voltage Regulation. Ajmer-802 KV.	N-472														
					04-12-21	18:32	05-12-21	08:13	00:00	00:00	00:00	13:41	LVRD	Hand tripped on Voltage Regulation. Ajmer-805 KV.	N-1210														
					07-12-21	17:20	08-12-21	09:00	00:00	00:00	00:00	15:40	LVRD	Hand tripped on Voltage Regulation. Ajmer-804 KV.	N-2081														
					09-12-21	19:56	10-12-21	06:50	00:00	00:00	00:00	10:54	LVRD	Hand tripped on Voltage Regulation. Ajmer-804 KV.	N-2832														
					11-12-21	15:10	12-12-21	07:48	00:00	00:00	00:00	16:38	LVRD	Hand tripped on Voltage Regulation. Ajmer-804 KV.	N-3393														

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					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS										System constraint/ Natural calamity/ Militancy	Deemed Available
									@ (T)	# (U)										& (C)	* (D)
									Hrs:Min	Hrs:Min										Hrs:Min	Hrs:Min
Z	(E)	(F)	G=E x F	H																	
													Hrs	E	F	G	H				
3	765KV AJMER-CHITTOR-II	211.01	NR1	--	13-12-21	18:12	14-12-21	09:55	00:00	00:00	00:00	15:43	LVRD	Hand tripped on Voltage Regulation. Ajmer-802 KV.	N-3964						
				--	15-12-21	14:30	16-12-21	08:15	00:00	00:00	00:00	17:45	LVRD	Hand tripped on Voltage Regulation. Ajmer-802 KV.	N-4503						
				--	19-12-21	16:23	20-12-21	08:01	00:00	00:00	00:00	15:38	LVRD	Line kept open on Voltage Regulation. Ajmer-802 KV.	N-5852						
				--	20-12-21	08:01	20-12-21	19:41	11:40	00:00	00:00	00:00	OSPT	Shutdown for line and Bay annual maintenance work.	N-6041						
				--	20-12-21	19:41	21-12-21	08:00	00:00	00:00	00:00	12:19	LVRD	Line kept open on Voltage Regulation. Ajmer-802 KV.	N-6262						
				--	21-12-21	08:00	21-12-21	19:09	11:09	00:00	00:00	00:00	OSPT	Shutdown for line and Bay annual maintenance work.	N-6377						
				--	21-12-21	19:09	22-12-21	09:26	00:00	00:00	00:00	14:17	LVRD	Line kept open on Voltage Regulation. Ajmer-802 KV.	N-6563						
				--	23-12-21	21:13	24-12-21	06:17	00:00	00:00	00:00	09:04	LVRD	Hand tripped on Voltage Regulation. Ajmer-793 KV.	N-7201						
				--	27-12-21	21:15	31-12-21	08:46	00:00	00:00	00:00	83:31	LVRD	Hand tripped on Voltage Regulation. Ajmer-800 KV.	N-8384						
SUB TOTAL					--				22:49	00:00	00:00	244:44			744.00	6	211.010	1266.06	1227.23	96.93	
4	765KV BHIWANI-PHAGI(JPR)-I	271.57	NR1	--	01-12-21	18:59	02-12-21	09:47	00:00	00:00	00:00	14:48	LVRD	Hand tripped on Voltage Regulation. Bhiwani-799 KV.	N-261						
				--	03-12-21	19:49	04-12-21	07:46	00:00	00:00	00:00	11:57	LVRD	Hand tripped on Voltage Regulation. Bhiwani-799 KV.	N-912						
				--	05-12-21	21:10	06-12-21	05:20	00:00	00:00	00:00	08:10	LVRD	Hand tripped on Voltage Regulation. Bhiwani-799 KV.	N-1481						
				--	07-12-21	19:32	08-12-21	07:52	00:00	00:00	00:00	12:20	LVRD	Line kept open for voltage regulation. Bhiwani-799KV.	N-2134						
				--	09-12-21	19:39	10-12-21	09:11	00:00	00:00	00:00	13:32	LVRD	Hand tripped on Voltage Regulation. Bhiwani-795 KV.	N-2830						
				--	10-12-21	19:48	11-12-21	08:03	00:00	00:00	00:00	12:15	LVRD	Hand tripped on Voltage Regulation. Bhiwani-795 KV.	N-3155						
				--	12-12-21	19:46	13-12-21	07:14	00:00	00:00	00:00	11:28	LVRD	Hand tripped on Voltage Regulation. Bhiwani-795 KV.	N-3696						
				--	14-12-21	21:13	15-12-21	07:56	00:00	00:00	00:00	10:43	LVRD	Hand tripped on Voltage Regulation. Bhiwani-795 KV.	N-4301						
				--	16-12-21	20:52	17-12-21	06:02	00:00	00:00	00:00	09:10	LVRD	Hand tripped on Voltage Regulation. Bhiwani 785 KV.	N-4942						
				--	18-12-21	18:54	19-12-21	07:45	00:00	00:00	00:00	12:51	LVRD	Hand tripped on Voltage Regulation. Bhiwani-793 KV.	N-5620						
				--	20-12-21	19:00	21-12-21	06:53	00:00	00:00	00:00	11:53	LVRD	Hand tripped on Voltage Regulation. Bhiwani-793 KV.	N-6245						
				--	22-12-21	21:20	23-12-21	07:55	00:00	00:00	00:00	10:35	LVRD	Hand tripped on Voltage Regulation. Bhiwani-793 KV.	N-6912						
				--	24-12-21	20:12	25-12-21	06:40	00:00	00:00	00:00	10:28	LVRD	Hand tripped on Voltage Regulation. Bhiwani-793 KV.	N-7474						
				--	26-12-21	19:06	27-12-21	09:24	00:00	00:00	00:00	14:18	LVRD	Hand tripped on Voltage Regulation. Bhiwani-793 KV.	N-7987						
				--	28-12-21	20:11	29-12-21	06:51	00:00	00:00	00:00	10:40	LVRD	Hand tripped on Voltage Regulation. Bhiwani-793 KV.	N-8728						
				--	30-12-21	23:26	31-12-21	07:57	00:00	00:00	00:00	08:31	LVRD	Hand tripped on Voltage Regulation. Bhiwani-793 KV.	N-9461						
SUB TOTAL					--				00:00	00:00	00:00	183:39			744.00	4	271.571	1086.28	1086.28	100.00	
				--	01-12-21	00:00	01-12-21	09:21	00:00	00:00	00:00	09:21	LVRD	Hand tripped on Voltage Regulation. Bhiwani-799 KV.	N-7497						
				--	02-12-21	19:35	03-12-21	09:58	00:00	00:00	00:00	14:23	LVRD	Hand tripped on Voltage Regulation. Bhiwani-799 KV.	N-572						
				--	04-12-21	18:30	05-12-21	06:42	00:00	00:00	00:00	12:12	LVRD	Hand tripped on Voltage Regulation. Bhiwani-798 KV.	N-1211						

Sr.No.	ELEMENT NAME	Description (Length/Nos. /MW/HRVAr/ MW/etc.)	Region	Type of failure	OUTAGE	RESTORATION	DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classificatio n/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency										
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS										System constraint/ Natural calamity/ Militancy	Deemed Available	@ (T)	# (U)	& (C)	* (D)				
																										Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min
																										Z	(E)	(F)	G=E x F
													Hrs	E	F	G	H												
5	765KV BHIWANI-PHAGI(JPR)-II	279.58	NR1		06-12-21	04:27	06-12-21	16:40	12:13	00:00	00:00	00:00	00:00	LHWT	Tripped on Y-N fault during wind storm in locl area. FLK-Bhiwani-9.262KM/ 15.707KA. Charging attempt from Phagi fault at 06:32hrs on SCOTE FL R-Phagi-267.11KM V	***													
					06-12-21	16:40	07-12-21	06:15	00:00	00:00	00:00	13:35	LVRD	Line kept open for voltage regulation. Bhiwani-799KV.	N-1737														
					08-12-21	20:03	09-12-21	06:58	00:00	00:00	00:00	10:55	LVRD	Hand tripped on Voltage Regulation. Bhiwani-795 KV.	N-2482														
					11-12-21	20:13	12-12-21	07:41	00:00	00:00	00:00	11:28	LVRD	Hand tripped on Voltage Regulation. Bhiwani-795 KV.	N-3480														
					13-12-21	18:53	14-12-21	07:21	00:00	00:00	00:00	12:28	LVRD	Hand tripped on Voltage Regulation. Bhiwani-795 KV.	N-3976														
					15-12-21	17:43	16-12-21	06:52	00:00	00:00	00:00	13:09	LVRD	Hand tripped on Voltage Regulation. Bhiwani-782 KV.	N-4551														
					17-12-21	17:40	18-12-21	08:36	00:00	00:00	00:00	14:56	LVRD	Hand tripped on Voltage Regulation. Ajmer-793 KV.	N-5235														
					19-12-21	18:52	20-12-21	05:49	00:00	00:00	00:00	10:57	LVRD	Hand tripped on Voltage Regulation. Bhiwani-793 KV.	N-5890														
					21-12-21	23:27	22-12-21	06:55	00:00	00:00	00:00	07:28	LVRD	Hand tripped on Voltage Regulation. Bhiwani-793 KV.	N-6637														
					23-12-21	20:42	24-12-21	07:02	00:00	00:00	00:00	10:20	LVRD	Hand tripped on Voltage Regulation. Bhiwani-793 KV.	N-7175														
					25-12-21	20:26	26-12-21	06:44	00:00	00:00	00:00	10:18	LVRD	Hand tripped on Voltage Regulation. Bhiwani-793 KV.	N-7732														
					27-12-21	19:36	28-12-21	06:17	00:00	00:00	00:00	10:41	LVRD	Hand tripped on Voltage Regulation. Bhiwani-793 KV.	N-8352														
					29-12-21	21:48	30-12-21	07:28	00:00	00:00	00:00	09:40	LVRD	Hand tripped on Voltage Regulation. Bhiwani-793 KV.	N-9108														
					31-12-21	20:20	01-01-22 00:00	00:00	00:00	00:00	03:40	LVRD	Hand tripped on Voltage Regulation. Bhiwani-793 KV.	N-2020															
SUB TOTAL					--			12:13	00:00	00:00	175:31			744.00	4	279.583	1118.33	1099.97	98.36										
6	765KV JHATIKALA-BHIWANI	85.19	NR1					00:00	00:00	00:00	00:00																		
								00:00	00:00	00:00	00:00																		
SUB TOTAL					--			00:00	00:00	00:00	00:00			744.00	4	85.188	340.75	340.75	100.00										
7	765KV MEERUT-BHIWANI	173.00	NR1		--	01-12-21	19:02	02-12-21	09:43	00:00	00:00	00:00	14:41	LVRD	Hand tripped on Voltage Regulation. Bhiwani-799 KV.	N-261													
						02-12-21	12:23	05-12-21	10:28	00:00	00:00	00:00	70:05	LVRD	Hand tripped on Voltage Regulation. Bhiwani-799 KV.	N-473													
						05-12-21	18:54	06-12-21	08:21	00:00	00:00	00:00	13:27	LVRD	Hand tripped on Voltage Regulation. Bhiwani-799 KV.	N-1460													
						06-12-21	21:21	07-12-21	08:43	00:00	00:00	00:00	11:22	LVRD	Hand tripped on Voltage Regulation. Bhiwani-799 KV.	N-1818													
						08-12-21	00:06	08-12-21	06:55	00:00	00:00	00:00	06:49	LVRD	Line kept open for voltage regulation. Bhiwani-799KV.	N-2195													
						08-12-21	22:10	09-12-21	08:27	00:00	00:00	00:00	10:17	LVRD	Hand tripped on Voltage Regulation. Bhiwani-796 KV.	N-2523													
						10-12-21	02:37	10-12-21	09:25	00:00	00:00	00:00	06:48	LVRD	Hand tripped on Voltage Regulation. Bhiwani-796 KV.	N-2880													
						11-12-21	00:12	11-12-21	08:05	00:00	00:00	00:00	07:53	LVRD	Hand tripped on Voltage Regulation. Bhiwani-796 KV.	N-3223													
						15-12-21	00:10	15-12-21	06:46	00:00	00:00	00:00	06:36	LVRD	Hand tripped on Voltage Regulation. Bhiwani-784 KV.	N-4329													
						16-12-21	00:02	16-12-21	08:19	00:00	00:00	00:00	08:17	LVRD	Hand tripped on Voltage Regulation. Bhiwani-784 KV.	N-4647													
						17-12-21	00:40	17-12-21	09:17	00:00	00:00	00:00	08:37	LVRD	Hand tripped on Voltage Regulation. Meerut-785 KV.	N-4986													
	18-12-21	00:24	18-12-21	07:53	00:00	00:00	00:00	07:29	LVRD	Hand tripped on Voltage Regulation. Meerut-790 KV.	N-5359																		

Sr.No.	ELEMENT NAME	Description (Length/Nos. /MVA/MVAR/ MW/etc.)	Region	Type of failure	OUTAGE	RESTORATION	DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classificatio n/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency		
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS										System constraint/ Natural calamity/ Militancy	Deemed Available
									@ (T)	# (U)										& (C)	* (D)
									Hrs:Min	Hrs:Min										Hrs:Min	Hrs:Min
Z	(E)	(F)	G=E x F	H																	
SUB TOTAL					--	--	00:00	00:00	00:00	271:38			744.00	4	173.000	692.00	692.00	100.00			
8	765KV MEERUT-GR.NOIDA	119.16	NR1	--			00:00	00:00	00:00	00:00											
						00:00	00:00	00:00	00:00												
SUB TOTAL					--	--	00:00	00:00	00:00	00:00			744.00	4	119.159	476.64	476.64	100.00			
9	765KV MOGA-BHIWANI	273.00	NR1	--			00:00	00:00	00:00	00:00											
						00:00	00:00	00:00	00:00												
SUB TOTAL					--	--	00:00	00:00	00:00	00:00			744.00	4	273.000	1092.00	1092.00	100.00			
10	765KV BHADLA-BIKANER-I	167.00	NR1	--			00:00	00:00	00:00	00:00											
						00:00	00:00	00:00	00:00												
SUB TOTAL					--	--	00:00	00:00	00:00	00:00			744.00	6	167.000	1002.00	1002.00	100.00			
11	765KV BHADLA-BIKANER-II	167.00	NR1	--			00:00	00:00	00:00	00:00											
						00:00	00:00	00:00	00:00												
SUB TOTAL					--	--	00:00	00:00	00:00	00:00			744.00	6	167.000	1002.00	1002.00	100.00			
12	765KV BIKANER-MOGA-I	351.00	NR1		02-12-21	17:05	03-12-21	05:57	00:00	00:00	00:00	12:52	LVRD	Hand tripped on Voltage Regulation. Bikaner-790 KV.	N-534						
					04-12-21	16:39	05-12-21	05:15	00:00	00:00	00:00	12:36	LVRD	Hand tripped on Voltage Regulation. Bikaner-804 KV.	N-1188						
					06-12-21	16:46	07-12-21	06:38	00:00	00:00	00:00	13:52	LVRD	Hand tripped on Voltage Regulation. Bikaner-804 KV.	N-1709						
					08-12-21	16:48	09-12-21	05:43	00:00	00:00	00:00	12:55	LVRD	Hand tripped on Voltage Regulation. Bikaner-804 KV.	N-2426						
					10-12-21	16:11	11-12-21	05:51	00:00	00:00	00:00	13:40	LVRD	Hand tripped on Voltage Regulation. Bhiwani-796 KV.	N-3083						
					12-12-21	17:06	13-12-21	05:34	00:00	00:00	00:00	12:28	LVRD	Hand tripped on Voltage Regulation. Bhiwani-796 KV.	N-3659						
					14-12-21	19:02	15-12-21	05:15	00:00	00:00	00:00	10:13	LVRD	Hand tripped on Voltage Regulation. BKN-793 KV.	N-4262						
					16-12-21	16:43	17-12-21	05:59	00:00	00:00	00:00	13:16	LVRD	Hand tripped on Voltage Regulation. Bikaner-800 KV.	N-4873						
					18-12-21	19:03	19-12-21	05:40	00:00	00:00	00:00	10:37	LVRD	Hand tripped on Voltage Regulation. Bikaner-800 KV.	N-5618						
	20-12-21	17:02	21-12-21	05:49	00:00	00:00	00:00	12:47	LVRD	Line kept open on Voltage Regulation. Bikaner-792 KV.	N-6201										

Sr.No.	ELEMENT NAME	Description (Length/Nos./MVA/MVar/ MW/etc.)	Region	Type of failure	OUTAGE		RESTORATION		DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classification/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency								
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS	System constraint/ Natural calamity/ Militancy	Deemed Available										@ (T)	# (U)	& (C)	* (D)				
																										Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min
																										Z	(E)	(F)	G=E x F
SUB TOTAL						00:00	00:00	00:00	00:00					744.00	6	197.040	1182.24	1182.24	100.00										
17	765KV BIKANER-BHADLA_2 Ckt-II	197.04	NR1					00:00	00:00	00:00	00:00																		
								00:00	00:00	00:00	00:00																		
	SUB TOTAL							00:00	00:00	00:00	00:00					744.00	6	197.040	1182.24	1182.24	100.00								
18	765KV AJMER-BHADLA_2 Ckt-I	326.00	NR1		01-12-21 00:00	01-12-21 07:28	00:00	00:00	00:00	07:28	LVRD	Hand tripped on Voltage Regulation. Ajmer-806 KV.	N-7496																
					04-12-21 21:48	05-12-21 05:25	00:00	00:00	00:00	07:37	LVRD	Hand tripped on Voltage Regulation. Ajmer-800 KV.	N-1274																
					09-12-21 18:40	10-12-21 05:54	00:00	00:00	00:00	11:14	LVRD	Hand tripped on Voltage Regulation. Ajmer-804 KV.	N-2816																
					10-12-21 19:59	11-12-21 06:17	00:00	00:00	00:00	10:18	LVRD	Hand tripped on Voltage Regulation. Ajmer-804 KV.	N-3158																
					11-12-21 18:57	12-12-21 06:37	00:00	00:00	00:00	11:40	LVRD	Hand tripped on Voltage Regulation. Ajmer-804 KV.	N-3445																
					13-12-21 21:19	14-12-21 06:36	00:00	00:00	00:00	09:17	LVRD	Hand tripped on Voltage Regulation. Ajmer-804 KV.	N-4015																
					15-12-21 21:27	16-12-21 07:13	00:00	00:00	00:00	09:46	LVRD	Hand tripped on Voltage Regulation. Ajmer-793 KV.	N-4624																
					19-12-21 21:31	20-12-21 07:03	00:00	00:00	00:00	09:32	LVRD	Hand tripped on Voltage Regulation. Ajmer-793 KV.	N-5926																
					21-12-21 19:48	22-12-21 06:50	00:00	00:00	00:00	11:02	LVRD	Hand tripped on Voltage Regulation. Ajmer-793 KV.	N-6565																
					23-12-21 13:25	24-12-21 07:27	00:00	00:00	00:00	18:02	LVRD	Hand tripped on Voltage Regulation. Ajmer-795 KV.	N-7081																
					25-12-21 17:48	26-12-21 06:42	00:00	00:00	00:00	12:54	LVRD	Hand tripped on Voltage Regulation. Ajmer-800 KV.	N-7672																
					27-12-21 17:51	28-12-21 06:13	00:00	00:00	00:00	12:22	LVRD	Hand tripped on Voltage Regulation. Ajmer-800 KV.	N-8321																
					29-12-21 21:15	30-12-21 06:42	00:00	00:00	00:00	09:27	LVRD	Hand tripped on Voltage Regulation. Ajmer-800 KV.	N-9088																
					31-12-21 21:54	01-01-22 00:00	00:00	00:00	00:00	02:06	LVRD	Hand tripped on Voltage Regulation. Ajmer-800 KV.	N-9733																
					05-12-21 18:50	06-12-21 07:50	00:00	00:00	00:00	13:00	LVRD	Hand tripped on Voltage Regulation. Ajmer-804 KV.	N-1452																
	SUB TOTAL							00:00	00:00	00:00	155:45				744.00	6	326.000	1956.00	1956.00	100.00									
19	765KV AJMER-BHADLA_2 Ckt-II	326.00	NR1					06-12-21 16:50	07-12-21 07:18	00:00	00:00	00:00	14:28	LVRD	Hand tripped on Voltage Regulation. Ajmer-804 KV.	N-1710													
								12-12-21 21:15	13-12-21 05:48	00:00	00:00	00:00	08:33	LVRD	Hand tripped on Voltage Regulation. Ajmer-804 KV.	N-3719													
								17-12-21 17:46	18-12-21 07:00	00:00	00:00	00:00	13:14	LVRD	Hand tripped on Voltage Regulation. Ajmer-793 KV.	N-5234													
								18-12-21 16:19	18-12-21 17:53	01:34	00:00	00:00	00:00	OSFT	Forced shutdown to attend hotspot (temp.>160 C) in Y-phase line isolator at Ajmer end.	N-5572													
								18-12-21 17:53	19-12-21 06:53	00:00	00:00	00:00	13:00	LVRD	Line kept open on Voltage Regulation. Ajmer-790 KV.	N-5598													
								20-12-21 23:40	21-12-21 05:44	00:00	00:00	00:00	06:04	LVRD	Hand tripped on Voltage Regulation. Ajmer-793 KV.	N-6308													
								22-12-21 19:07	23-12-21 06:13	00:00	00:00	00:00	11:06	LVRD	Hand tripped on Voltage Regulation. Ajmer-793 KV.	N-6880													
								24-12-21 15:36	25-12-21 06:35	00:00	00:00	00:00	14:59	LVRD	Hand tripped on Voltage Regulation. Ajmer-800 KV.	N-7379													
								26-12-21 19:08	27-12-21 06:09	00:00	00:00	00:00	11:01	LVRD	Hand tripped on Voltage Regulation. Ajmer-800 KV.	N-7966													
								28-12-21 13:18	29-12-21 05:47	00:00	00:00	00:00	16:29	LVRD	Hand tripped on Voltage Regulation. Ajmer-800 KV.	N-8604													

Sr.No.	ELEMENT NAME	Description (Length/Nos. /MVA/MVAR/ MW/etc.)	Region	Type of failure	OUTAGE	RESTORATION	DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classificatio n/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency		
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS										System constraint/ Natural calamity/ Militancy	Deemed Available
									@ (T)	# (U)										& (C)	* (D)
									Hrs:Min	Hrs:Min										Hrs:Min	Hrs:Min
Z	(E)	(F)	G=E x F	H																	
SUB TOTAL													Hrs	E	F	G	H				
					30-12-21	19:35	31-12-21	06:35	00:00	00:00	00:00	11:00	LVRD	Hand tripped on Voltage Regulation. Ajmer-801 KV.	N-9396						
					03-12-21	22:02	04-12-21	06:55	00:00	00:00	00:00	08:53	LVRD	Hand tripped on Voltage Regulation. Ajmer-790 KV.	N-965						
					14-12-21	19:40	15-12-21	06:24	00:00	00:00	00:00	10:44	LVRD	Hand tripped on Voltage Regulation. Ajmer-793 KV.	N-4276						
	SUB TOTAL								01:34	00:00	00:00	139:31				744.00	6	326.000	1956.00	1951.88	99.79
C	400 KV TRANS LINES																				
1	400KV AGRA-JAIPUR(S)-I	253.82	NR1	--	01-12-21	18:58	02-12-21	06:04	00:00	00:00	00:00	11:06	LVRD	Hand tripped on Voltage Regulation. Agra-425 KV.	N-264						
					03-12-21	19:46	04-12-21	06:30	00:00	00:00	00:00	10:44	LVRD	Hand tripped on Voltage Regulation. Agra-425 KV.	N-907						
					06-12-21	20:11	07-12-21	08:18	00:00	00:00	00:00	12:07	LVRD	Hand tripped on Voltage Regulation. Agra-425 KV.	N-1805						
					08-12-21	20:33	09-12-21	07:47	00:00	00:00	00:00	11:14	LVRD	Hand tripped on Voltage Regulation. Agra-425 KV.	N-2485						
					10-12-21	19:59	11-12-21	07:28	00:00	00:00	00:00	11:29	LVRD	Hand tripped on Voltage Regulation. Agra-425 KV.	N-3157						
					12-12-21	19:03	13-12-21	06:10	00:00	00:00	00:00	11:07	LVRD	Hand tripped on Voltage Regulation. Agra-425 KV.	N-3976						
					14-12-21	19:05	15-12-21	08:02	00:00	00:00	00:00	12:57	LVRD	Hand tripped on Voltage Regulation. Agra-425 KV.	N-4265						
					16-12-21	19:27	17-12-21	06:35	00:00	00:00	00:00	11:08	LVRD	Hand tripped on Voltage Regulation. Agra-422 KV.	N-4924						
					18-12-21	19:13	19-12-21	07:23	00:00	00:00	00:00	12:10	LVRD	Hand tripped on Voltage Regulation. Agra-422 KV.	N-5630						
					20-12-21	20:20	21-12-21	07:05	00:00	00:00	00:00	10:45	LVRD	Hand tripped on Voltage Regulation. Agra-422 KV.	N-6271						
					22-12-21	19:20	23-12-21	08:31	00:00	00:00	00:00	13:11	LVRD	Hand tripped on Voltage Regulation. Agra-422 KV.	N-6882						
					24-12-21	21:09	25-12-21	07:38	00:00	00:00	00:00	10:29	LVRD	Hand tripped on Voltage Regulation. Agra-422 KV.	N-7495						
					26-12-21	19:34	27-12-21	07:37	00:00	00:00	00:00	12:03	LVRD	Hand tripped on Voltage Regulation. Agra-422 KV.	N-7973						
					28-12-21	19:15	29-12-21	06:12	00:00	00:00	00:00	10:57	LVRD	Hand tripped on Voltage Regulation. Agra-422 KV.	N-8709						
					30-12-21	20:21	31-12-21	08:33	00:00	00:00	00:00	12:12	LVRD	Hand tripped on Voltage Regulation. Agra-422 KV.	N-9412						
	SUB TOTAL			--					00:00	00:00	00:00	173:39				744.00	2	253.823	507.65	507.65	100.00
2	400KV AGRA-JAIPUR(S)-II	253.82	NR1	--	01-12-21	00:00	01-12-21	08:58	00:00	00:00	00:00	08:58	LVRD	Hand tripped on Voltage Regulation. Agra-425 KV.	N-7465						
					02-12-21	21:14	03-12-21	06:46	00:00	00:00	00:00	09:32	LVRD	Hand tripped on Voltage Regulation. Agra-425 KV.	N-610						
					04-12-21	20:36	05-12-21	06:00	00:00	00:00	00:00	09:24	LVRD	Hand tripped on Voltage Regulation. Agra-425 KV.	N-1252						
					05-12-21	18:43	06-12-21	07:30	00:00	00:00	00:00	12:47	LVRD	Hand tripped on Voltage Regulation. Agra-425 KV.	N-1461						
					07-12-21	20:49	08-12-21	06:58	00:00	00:00	00:00	10:09	LVRD	Hand tripped on Voltage Regulation. Agra-425 KV.	N-2157						
					09-12-21	21:08	10-12-21	06:59	00:00	00:00	00:00	09:51	LVRD	Hand tripped on Voltage Regulation. Agra-425 KV.	N-2844						
					11-12-21	18:59	12-12-21	05:50	00:00	00:00	00:00	10:51	LVRD	Hand tripped on Voltage Regulation. Agra-425 KV.	N-3452						
					13-12-21	19:56	14-12-21	07:47	00:00	00:00	00:00	11:51	LVRD	Hand tripped on Voltage Regulation. Agra-425 KV.	N-3987						
					15-12-21	20:24	16-12-21	07:27	00:00	00:00	00:00	11:03	LVRD	Hand tripped on Voltage Regulation. Agra-420 KV.	N-4594						

Sr.No.	ELEMENT NAME	Description (Length/Nos. /MW/ MVAr/ MW/etc.)	Region	Type of failure	OUTAGE	RESTORATION	DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classificatio n/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency										
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS										System constraint/ Natural calamity/ Militancy	Deemed Available	@ (T)	# (U)	& (C)	* (D)				
																										Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min
																										Z	(E)	(F)	G=E x F
SUB TOTAL													Hrs	E	F	G	H												
					17-12-21	20:24	18-12-21	06:49	00:00	00:00	00:00	10:25	LVRD	Hand tripped on Voltage Regulation. Agra-422 KV.	N-5293														
					19-12-21	20:16	20-12-21	06:08	00:00	00:00	00:00	09:52	LVRD	Hand tripped on Voltage Regulation. Agra-422 KV.	N-5907														
					21-12-21	22:09	22-12-21	07:11	00:00	00:00	00:00	09:02	LVRD	Hand tripped on Voltage Regulation. Agra-422 KV.	N-6619														
					23-12-21	21:05	24-12-21	07:32	00:00	00:00	00:00	10:27	LVRD	Hand tripped on Voltage Regulation. Agra-422 KV.	N-7182														
					25-12-21	22:12	26-12-21	06:09	00:00	00:00	00:00	07:57	LVRD	Hand tripped on Voltage Regulation. Agra-422 KV.	N-7749														
					27-12-21	19:33	28-12-21	06:43	00:00	00:00	00:00	11:10	LVRD	Hand tripped on Voltage Regulation. Agra-422 KV.	N-8364														
					29-12-21	20:44	30-12-21	07:48	00:00	00:00	00:00	11:04	LVRD	Hand tripped on Voltage Regulation. Agra-422 KV.	N-9089														
				--	31-12-21	18:00	01-01-22	00:00	00:00	00:00	06:00	06:00	LVRD	Hand tripped on Voltage Regulation. Agra-422 KV.	N-9664														
				--					00:00	00:00	00:00	170:23			744.00	2	253.823	507.65	507.65	100.00									
3	400KV AGRA-SIKAR-I	393.90	NR1	--	01-12-21	18:57	02-12-21	07:36	00:00	00:00	00:00	12:39	LVRD	Hand tripped on Voltage Regulation. Agra-425 KV.	N-265														
					03-12-21	19:44	04-12-21	06:23	00:00	00:00	00:00	10:39	LVRD	Hand tripped on Voltage Regulation. Agra-425 KV.	N-908														
					05-12-21	18:43	06-12-21	06:41	00:00	00:00	00:00	11:58	LVRD	Hand tripped on Voltage Regulation. Agra-425 KV.	N-1456														
					07-12-21	17:20	08-12-21	06:02	00:00	00:00	00:00	12:42	LVRD	Hand tripped on Voltage Regulation. Agra-425 KV.	N-2074														
					30-12-21	20:18	31-12-21	08:07	00:00	00:00	00:00	11:49	LVRD	Hand tripped on Voltage Regulation. Agra-422 KV.	N-9413														
				--					00:00	00:00	00:00	59:47			744.00	4	393.900	1575.60	1575.60	100.00									
4	400KV AGRA-SIKAR-II	393.90	NR1	--	01-12-21	00:00	01-12-21	08:57	00:00	00:00	00:00	08:57	LVRD	Hand tripped on Voltage Regulation. Agra-425 KV.	N-7464														
					02-12-21	21:25	03-12-21	06:54	00:00	00:00	00:00	09:29	LVRD	Hand tripped on Voltage Regulation. Agra-425 KV.	N-611														
					04-12-21	20:57	05-12-21	07:11	00:00	00:00	00:00	10:14	LVRD	Hand tripped on Voltage Regulation. Agra-425 KV.	N-1271														
					06-12-21	20:02	07-12-21	08:15	00:00	00:00	00:00	12:13	LVRD	Hand tripped on Voltage Regulation. Agra-425 KV.	N-1796														
					08-12-21	21:25	09-12-21	07:41	00:00	00:00	00:00	10:16	LVRD	Hand tripped on Voltage Regulation. Agra-425 KV.	N-2495														
					09-12-21	21:07	10-12-21	06:53	00:00	00:00	00:00	09:46	LVRD	Hand tripped on Voltage Regulation. Agra-425 KV.	N-2845														
					11-12-21	01:23	11-12-21	07:11	00:00	00:00	00:00	05:48	LVRD	Hand tripped on Voltage Regulation. Agra-425 KV.	N-3230														
					11-12-21	19:00	12-12-21	07:14	00:00	00:00	00:00	12:14	LVRD	Hand tripped on Voltage Regulation. Agra-425 KV.	N-3455														
					12-12-21	19:06	13-12-21	07:52	00:00	00:00	00:00	12:46	LVRD	Hand tripped on Voltage Regulation. Agra-425 KV.	N-3982														
					13-12-21	19:56	14-12-21	06:54	00:00	00:00	00:00	10:58	LVRD	Hand tripped on Voltage Regulation. Agra-425 KV.	N-3988														
					14-12-21	19:06	15-12-21	07:13	00:00	00:00	00:00	12:07	LVRD	Hand tripped on Voltage Regulation. Agra-425 KV.	N-4264														
					15-12-21	20:23	16-12-21	06:20	00:00	00:00	00:00	09:57	LVRD	Hand tripped on Voltage Regulation. Agra-420 KV.	N-4593														
					16-12-21	21:14	17-12-21	06:18	00:00	00:00	00:00	09:04	LVRD	Hand tripped on Voltage Regulation. Agra-423 KV.	N-4944														
					18-12-21	00:21	18-12-21	06:38	00:00	00:00	00:00	06:17	LVRD	Hand tripped on Voltage Regulation. Agra-424 KV.	N-5353														
					18-12-21	22:34	19-12-21	06:33	00:00	00:00	00:00	07:59	LVRD	Hand tripped on Voltage Regulation. Agra-424 KV.	N-5694														

Sr.No.	ELEMENT NAME	Description (Length)/Nos. /MVA/MVAr/ MW/etc.)	Region	Type of failure	OUTAGE	RESTORATION	DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classification/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency										
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS										System constraint/ Natural calamity/ Militancy	Deemed Available	@ (T)	# (U)	& (C)	* (D)				
																										Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min
																										Z	(E)	(F)	G=E x F
SUB TOTAL													744.00	4	48.432	193.73	191.55	98.88											
23	400KV BASSI-SIKAR-I	169.80	NR1	--	26-12-21 22:02	27-12-21 07:31	00:00	00:00	00:00	09:29	LVRD	Hand tripped on Voltage Regulation. Sikar-422 KV.	N-8005																
SUB TOTAL													744.00	2	169.800	339.60	339.60	100.00											
24	400KV BASSI-SIKAR-II	169.80	NR1	--			00:00	00:00	00:00	00:00																			
SUB TOTAL													744.00	2	169.800	339.60	339.60	100.00											
25	400KV BHIWADI-GURGAON	82.80	NR1	--	03-12-21 08:51	15-12-21 20:32	00:00	00:00	00:00	299:41	LCSD	Shutdown for Diversion works at chainage 17+690 for NHAI road project near Sohna.	N-707																
SUB TOTAL													744.00	2	82.800	165.60	165.60	100.00											
26	400KV BHIWADI-HISAR-I	211.55	NR1	--	02-12-21 23:33	03-12-21 07:15	00:00	00:00	00:00	07:42	LVRD	Hand tripped on Voltage Regulation. Bhiwadi-420 KV.	N-631																
					26-12-21 19:42	28-12-21 06:59	00:00	00:00	00:00	35:17	LVRD	Hand tripped on Voltage Regulation. Bhiwadi-425 KV.	N-7978																
SUB TOTAL													744.00	2	211.547	423.09	423.09	100.00											
27	400KV BHIWADI-HISAR-II	144.00	NR1	--	14-12-21 21:21	16-12-21 07:42	00:00	00:00	00:00	34:21	LVRD	Hand tripped on Voltage Regulation. BWD-425 KV.	N-4309																
SUB TOTAL													744.00	2	144.000	288.00	288.00	100.00											
28	400KV BHIWADI-HISAR-III	144.00	NR1	--	18-12-21 20:23	20-12-21 08:08	00:00	00:00	00:00	35:45	LVRD	Hand tripped on Voltage Regulation. Bhiwadi-422 KV.	N-5651																
					30-12-21 22:10	01-01-22 00:00	00:00	00:00	00:00	25:50	LVRD	Hand tripped on Voltage Regulation. Bhiwadi-425 KV.	N-9452																
SUB TOTAL													744.00	2	144.000	288.00	288.00	100.00											
29	400KV BHIWADI-KOTPUTLI	132.43	NR1	--			00:00	00:00	00:00	00:00																			
SUB TOTAL													744.00	2	132.428	264.86	264.86	100.00											
30	400KV BHIWADI-NIMRANA-I	48.43	NR1	--	07-12-21 21:42	08-12-21 07:47	00:00	00:00	00:00	10:05	LVRD	Hand tripped on Voltage Regulation. Neemrana-420 KV.	N-2179																
					08-12-21 22:19	09-12-21 07:24	00:00	00:00	00:00	09:05	LVRD	Hand tripped on Voltage Regulation. Neemrana-422 KV.	N-2522																
					09-12-21 22:48	10-12-21 07:45	00:00	00:00	00:00	08:57	LVRD	Hand tripped on Voltage Regulation. Neemrana-422 KV.	N-2874																
					10-12-21 21:15	11-12-21 07:13	00:00	00:00	00:00	09:58	LVRD	Hand tripped on Voltage Regulation. Neemrana-422 KV.	N-3180																
					11-12-21 20:17	12-12-21 06:55	00:00	00:00	00:00	10:38	LVRD	Hand tripped on Voltage Regulation. Neemrana-422 KV.	N-3483																
					12-12-21 19:33	13-12-21 06:16	00:00	00:00	00:00	10:43	LVRD	Hand tripped on Voltage Regulation. Neemrana-422 KV.	N-3695																
					16-12-21 21:10	17-12-21 06:09	00:00	00:00	00:00	08:59	LVRD	Hand tripped on Voltage Regulation. Bhiwadi-422 KV.	N-4946																
					19-12-21 21:32	20-12-21 06:35	00:00	00:00	00:00	09:03	LVRD	Hand tripped on Voltage Regulation. Bhiwadi-422 KV.	N-5933																
					26-12-21 21:15	27-12-21 09:44	00:00	00:00	00:00	12:29	LVRD	Hand tripped on Voltage Regulation. Bhiwadi-425 KV.	N-7993																
SUB TOTAL													744.00	2	48.428	96.86	96.86	100.00											

Sr.No.	ELEMENT NAME	Description (Length/Nos./MVA/MVAr/MW/etc.)	Region	Type of failure	OUTAGE		RESTORATION		DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classification/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency								
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS	System constraint/ Natural calamity/ Militancy	Deemed Available										@ (T)	# (U)	& (C)	* (D)				
																										Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min
																										Z	(E)	(F)	G=E x F
Hrs		E		F		G		H																					
31	400KV BHIWADI-NIMRANA-II	48.43	NR1		01-12-21	00:00	01-12-21	07:35	00:00	00:00	00:00	07:35	LVRD	Hand tripped on Voltage Regulation. Bhiwadi-420 KV.	N-7477														
					15-12-21	20:21	16-12-21	07:05	00:00	00:00	00:00	10:44	LVRD	Hand tripped on Voltage Regulation. Bhiwadi-425 KV.	N-4595														
					17-12-21	23:59	18-12-21	07:06	00:00	00:00	00:00	07:07	LVRD	Hand tripped on Voltage Regulation. Bhiwadi-422 KV.	N-5352														
					23-12-21	21:07	24-12-21	06:14	00:00	00:00	00:00	09:07	LVRD	Hand tripped on Voltage Regulation. Bhiwadi-420 KV.	N-7190														
					24-12-21	21:12	25-12-21	07:44	00:00	00:00	00:00	10:32	LVRD	Hand tripped on Voltage Regulation. Bhiwadi-420 KV.	N-7497														
					28-12-21	20:36	29-12-21	06:43	00:00	00:00	00:00	10:07	LVRD	Hand tripped on Voltage Regulation. Bhiwadi-425 KV.	N-8741														
SUB TOTAL					--				00:00	00:00	00:00	55:12			744.00	2	48.428	96.86	96.86	100.00									
32	400KV BHIWANI-BAWANA	97.42	NR1		09-12-21	15:48	11-12-21	18:52	00:00	51:04	00:00	00:00	OMSU	Tripped due to fire in R-ph wave trap at Bawana(CCGTB) end. FLR:Bhiwani-89.50km/3.56kA. S/D taken by DTL to attend the same as bays at Bawana(CCGTB) are owned by them.	N-2775														
									00:00	00:00	00:00	00:00																	
SUB TOTAL					--				00:00	51:04	00:00	00:00			744.00	2	97.415	194.83	194.83	100.00									
33	400KV BHIWANI-BHIWANI(BBMB)	33.96	NR1						00:00	00:00	00:00	00:00																	
									00:00	00:00	00:00	00:00																	
SUB TOTAL					--				00:00	00:00	00:00	00:00			744.00	2	33.962	67.92	67.92	100.00									
34	400KV BHIWANI-JIND-I	82.23	NR1						00:00	00:00	00:00	00:00																	
									00:00	00:00	00:00	00:00																	
SUB TOTAL					--				00:00	00:00	00:00	00:00			744.00	2	82.230	164.46	164.46	100.00									
35	400KV BHIWANI-JIND-II	82.23	NR1						00:00	00:00	00:00	00:00																	
									00:00	00:00	00:00	00:00																	
SUB TOTAL					--				00:00	00:00	00:00	00:00			744.00	2	82.230	164.46	164.46	100.00									
36	400KV BHIWANI-KABULPR	26.64	NR1						00:00	00:00	00:00	00:00																	
									00:00	00:00	00:00	00:00																	
SUB TOTAL					--				00:00	00:00	00:00	00:00			744.00	2	26.640	53.28	53.28	100.00									
37	400KV BLBGRH-GURGAON	42.70	NR1						00:00	00:00	00:00	00:00																	
									00:00	00:00	00:00	00:00																	
SUB TOTAL					--				00:00	00:00	00:00	00:00			744.00	2	42.700	85.40	85.40	100.00									
38	400KV BLBGRH-MAHRANIBG	60.68	NR1		08-12-21	22:48	08-12-21	22:48	00:00	00:00	00:00	00:00	LART	Autoreclose on B-N fault.FLR:-Ballbgrh-M1:17.74km/12.34kA,M2:17.80km/12.34kA,Maharamnigh-M1:30.41km/ 3.69kA,M2:30.70km/3.46 kA.	***														
									00:00	00:00	00:00	00:00																	
SUB TOTAL					--				00:00	00:00	00:00	00:00			744.00	4	60.680	242.72	242.72	100.00									
39	400KV BLBGRH-NAVADA	12.55	NR1						00:00	00:00	00:00	00:00																	
									00:00	00:00	00:00	00:00																	
SUB TOTAL					--				00:00	00:00	00:00	00:00			744.00	4	12.550	50.20	50.20	100.00									

Sr.No.	ELEMENT NAME	Description (Length/Nos./MVA/MVAzr/MW/etc.)	Region	Type of failure	OUTAGE	RESTORATION	DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classification/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency
					DATE TIME	DATE TIME	ISTS Licensee	OTHERS	System constraint/ Natural calamity/ Militancy	Deemed Available									
							@ (T)	# (U)	& (C)	* (D)									
							Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min									
40	400KV BLBGRH-TUGHLKBD-I	27.88	NR1	--	08-12-21 02:37	08-12-21 07:35	00:00	00:00	00:00	04:58	LVRD	Hand tripped on Voltage Regulation. Ballabgarh-420 KV.	N-2206						
				--	13-12-21 02:22	13-12-21 07:24	00:00	00:00	00:00	05:02	LVRD	Hand tripped on Voltage Regulation. Tugh-426 KV.	N-3742						
	SUB TOTAL			--			00:00	00:00	00:00	10:00				744.00	4	27.880	111.52	111.52	100.00
41	400KV BLBGRH-TUGHLKBD-II	27.88	NR1	--	01-12-21 03:19	01-12-21 06:29	00:00	00:00	00:00	03:10	LVRD	Hand tripped on Voltage Regulation. BLB-417 KV.	N-3						
				--	12-12-21 02:34	12-12-21 06:58	00:00	00:00	00:00	04:24	LVRD	Hand tripped on Voltage Regulation. Tugh-426 KV.	N-3521						
				--	17-12-21 02:05	17-12-21 06:21	00:00	00:00	00:00	04:16	LVRD	Hand tripped on Voltage Regulation. Ballabgarh-419 KV.	N-5001						
	SUB TOTAL			--			00:00	00:00	00:00	11:50				744.00	4	27.880	111.52	111.52	100.00
42	400KV CHITTOR-CHITTOR(RVPNL)-I	48.78	NR1	--			00:00	00:00	00:00	00:00									
				--			00:00	00:00	00:00	00:00									
	SUB TOTAL			--			00:00	00:00	00:00	00:00				744.00	4	48.780	195.12	195.12	100.00
43	400KV CHITTOR-CHITTOR(RVPNL)-II	48.78	NR1	--			00:00	00:00	00:00	00:00									
				--			00:00	00:00	00:00	00:00									
	SUB TOTAL			--			00:00	00:00	00:00	00:00				744.00	4	48.780	195.12	195.12	100.00
44	400KV DAD-GR.NOIDA	13.26	NR1	--			00:00	00:00	00:00	00:00									
				--			00:00	00:00	00:00	00:00									
	SUB TOTAL			--			00:00	00:00	00:00	00:00				744.00	4	13.256	53.02	53.02	100.00
45	400KV DAD-MAHRANIBG	54.36	NR1	--	25-12-21 07:18	25-12-21 07:18	00:00	00:00	00:00	00:00	LART	Autoreclose on B-N fault.FLR: Mahrambgh-9.591 KM/10.86 KA.Fault in Dadri TL jurisdiction.	***						
				--	25-12-21 15:01	25-12-21 17:28	02:27	00:00	00:00	00:00	OSFT	Forced shutdown for removal of kite & kite thread from Conductor at T/loc no-30.	N-7645						
	SUB TOTAL			--			02:27	00:00	00:00	00:00				744.00	4	54.360	217.44	216.72	99.67
46	400KV DAD-MANDOLA-I	46.30	NR1	--	03-12-21 02:19	03-12-21 05:34	00:00	00:00	00:00	03:15	LVRD	Hand tripped on Voltage Regulation. Dadri-420 KV.	N-641						
				--	10-12-21 02:32	10-12-21 05:06	00:00	00:00	00:00	02:34	LVRD	Hand tripped on Voltage Regulation.Dadri-433 KV.	N-2883						
	SUB TOTAL			--			00:00	00:00	00:00	05:49				744.00	4	46.300	185.20	185.20	100.00
47	400KV DAD-MANDOLA-II	46.30	NR1	--			00:00	00:00	00:00	00:00									
				--			00:00	00:00	00:00	00:00									
	SUB TOTAL			--			00:00	00:00	00:00	00:00				744.00	4	46.300	185.20	185.20	100.00
48	400KV DAD-MURADNGR	33.10	NR1	--	27-12-21 19:17	27-12-21 20:05	00:00	00:00	00:00	00:48	OSFD	S/D by NTPC Dadri to facilitate charging of their 400kv Bus 2 at Dadri-NTPC S/yard.	N-8361						
				--	28-12-21 18:41	28-12-21 19:06	00:00	00:00	00:00	00:25	OSFD	S/D by NTPC Dadri to facilitate charging of their 400kv Bus 2 at Dadri-NTPC S/yard.	N-8695						
				--	29-12-21 08:39	29-12-21 09:51	00:00	01:12	00:00	00:00	OMSU	Tripped on Protection (Master trip relay) malfunction of NTPC while taking shutdown of their 400KV BUS at Dadri. Line remain charged from Muradnagar end.	***						
	SUB TOTAL			--			00:00	01:12	00:00	01:13				744.00	2	33.098	66.20	66.20	100.00
				--	01-12-21 00:00	01-12-21 08:55	00:00	00:00	00:00	08:55	LVRD	Hand tripped on Voltage Regulation. Dadri-430 KV.	N-7521						
				--	02-12-21 17:33	03-12-21 07:10	00:00	00:00	00:00	13:37	LVRD	Hand tripped on Voltage Regulation. Dadri-420 KV.	N-554						

Sr.No.	ELEMENT NAME	Description (Length/Nos./MVA/MVar/ MW/etc.)	Region	Type of failure	OUTAGE		RESTORATION		DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classificatio n/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency								
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS	System constraint/ Natural calamity/ Militancy	Deemed Available										@ (T)	# (U)	& (C)	* (D)				
																										Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min
																										Z	(E)	(F)	G=E x F
SUB TOTAL																Hrs	E	F	G	H									
					07-12-21	21:06	08-12-21	05:59	00:00	00:00	00:00	08:53	LVRD	Hand tripped on Voltage Regulation. Dadri-425 KV.	N-2164														
					22-12-21	16:28	22-12-21	18:58	00:00	00:00	00:00	02:30	LCSD	Forced shutdown to remove traction machine which got stuck during fresh live line OPGW installation works under Reliable Communication Project.	N-6823														
					24-12-21	20:15	25-12-21	08:54	00:00	00:00	00:00	12:39	LVRD	Hand tripped on Voltage Regulation. Dadri-420 KV.	N-7478														
					29-12-21	11:02	29-12-21	20:02	00:00	00:00	00:00	09:00	LCSD	Shutdown for creation of Diamond at crossing location 126-127 of 400KV D/C Merrut-Mandola with location 134-135 of 400KV Dadri-Panipat-II.	N-8934														
					31-12-21	21:49	01-01-22	00:00	00:00	00:00	00:00	02:11	LVRD	Hand tripped on Voltage Regulation. Dadri-422 KV.	N-9735														
	SUB TOTAL								05:33	00:00	00:00	170:18				744.00	2	117.000	234.00	232.25	99.25								
51	400KV DEHRADUN-ABDULAPUR-I	89.43	NR1	--	01-12-21	21:16	02-12-21	05:53	00:00	00:00	00:00	08:37	LVRD	Hand tripped on Voltage Regulation. Dehradun-422 KV.	N-298														
					03-12-21	20:05	04-12-21	07:15	00:00	00:00	00:00	11:10	LVRD	Hand tripped on Voltage Regulation. DDN-425 KV.	N-927														
					05-12-21	18:44	06-12-21	09:32	00:00	00:00	00:00	14:48	LVRD	Hand tripped on Voltage Regulation. DDN-425 KV.	N-1464														
					07-12-21	21:16	08-12-21	07:29	00:00	00:00	00:00	10:13	LVRD	Hand tripped on Voltage Regulation. DDN-425 KV.	N-2163														
					09-12-21	21:15	10-12-21	06:45	00:00	00:00	00:00	09:30	LVRD	Hand tripped on Voltage Regulation. DDN-425 KV.	N-2847														
					11-12-21	19:02	12-12-21	06:52	00:00	00:00	00:00	11:50	LVRD	Hand tripped on Voltage Regulation. DDN-425 KV.	N-3459														
					13-12-21	20:04	14-12-21	10:09	00:00	00:00	00:00	14:05	LVRD	Hand tripped on Voltage Regulation. DDN-425 KV.	N-4000														
					15-12-21	00:24	15-12-21	07:19	00:00	00:00	00:00	06:55	LVRD	Hand tripped on Voltage Regulation. DDN-422 KV.	N-4333														
					16-12-21	21:17	17-12-21	06:37	00:00	00:00	00:00	09:20	LVRD	Hand tripped on Voltage Regulation. DDN-422 KV.	N-4963														
					19-12-21	20:16	20-12-21	06:12	00:00	00:00	00:00	09:56	LVRD	Hand tripped on Voltage Regulation. DDN-422 KV.	N-5909														
					21-12-21	23:42	22-12-21	06:23	00:00	00:00	00:00	06:41	LVRD	Hand tripped on Voltage Regulation. DDN-422 KV.	N-6640														
					23-12-21	21:10	24-12-21	06:48	00:00	00:00	00:00	09:38	LVRD	Hand tripped on Voltage Regulation. Dehradun-423 KV.	N-7195														
					25-12-21	21:40	27-12-21	09:18	00:00	00:00	00:00	35:38	LVRD	Hand tripped on Voltage Regulation. Dehradun-423 KV.	N-7742														
					29-12-21	23:11	30-12-21	07:12	00:00	00:00	00:00	08:01	LVRD	Hand tripped on Voltage Regulation. Dehradun-423 KV.	N-9128														
					--	31-12-21	20:58	01-01-22	00:00	00:00	00:00	03:02	LVRD	Hand tripped on Voltage Regulation. Dehradun-425 KV.	N-9717														
	SUB TOTAL			--					00:00	00:00	00:00	169:24				744.00	4	89.430	357.72	357.72	100.00								
52	400KV DEHRADUN-ABDULAPUR-II	89.43	NR1	--	01-12-21	00:00	01-12-21	09:20	00:00	00:00	00:00	09:20	LVRD	Hand tripped on Voltage Regulation. DDN-420 KV.	N-7545														
					02-12-21	19:43	03-12-21	05:24	00:00	00:00	00:00	09:41	LVRD	Hand tripped on Voltage Regulation. DDN-420 KV.	N-590														
					04-12-21	20:48	05-12-21	06:47	00:00	00:00	00:00	09:59	LVRD	Hand tripped on Voltage Regulation. Dehradun-425 KV.	N-1264														
					06-12-21	20:10	07-12-21	08:07	00:00	00:00	00:00	11:57	LVRD	Hand tripped on Voltage Regulation. DDN-425 KV.	N-1803														
					08-12-21	21:42	09-12-21	07:37	00:00	00:00	00:00	09:55	LVRD	Hand tripped on Voltage Regulation. DDN-425 KV.	N-2501														
					10-12-21	21:24	11-12-21	07:09	00:00	00:00	00:00	09:45	LVRD	Hand tripped on Voltage Regulation. DDN-425 KV.	N-3183														
					12-12-21	19:16	13-12-21	05:37	00:00	00:00	00:00	10:21	LVRD	Hand tripped on Voltage Regulation. DDN-425 KV.	N-3686														
					15-12-21	21:07	16-12-21	07:54	00:00	00:00	00:00	10:47	LVRD	Hand tripped on Voltage Regulation. DDN-422 KV.	N-4598														

Sr.No.	ELEMENT NAME	Description (Length)/Nos. /MVA/MVAr/ MW/etc.)	Region	Type of failure	OUTAGE	RESTORATION	DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classification/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency		
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS										System constraint/ Natural calamity/ Militancy	Deemed Available
									@ (T)	# (U)										& (C)	* (D)
									Hrs:Min	Hrs:Min										Hrs:Min	Hrs:Min
Z	(E)	(F)	G=E x F	H																	
Hrs	E	F	G	H																	
					17-12-21 23:45	18-12-21 06:46	00:00	00:00	00:00	07:01	LVRD	Hand tripped on Voltage Regulation. DDN-422 KV.	N-5355								
					20-12-21 20:28	21-12-21 07:18	00:00	00:00	00:00	10:50	LVRD	Hand tripped on Voltage Regulation. Dehradun-422 KV.	N-6277								
					22-12-21 21:29	23-12-21 06:38	00:00	00:00	00:00	09:09	LVRD	Hand tripped on Voltage Regulation. Dehradun-422 KV.	N-6923								
					24-12-21 21:14	25-12-21 07:42	00:00	00:00	00:00	10:28	LVRD	Hand tripped on Voltage Regulation. Dehradun-423 KV.	N-7493								
					28-12-21 20:21	29-12-21 06:19	00:00	00:00	00:00	09:58	LVRD	Hand tripped on Voltage Regulation. Dehradun-423 KV.	N-8733								
				--	30-12-21 20:16	31-12-21 07:13	00:00	00:00	00:00	10:57	LVRD	Hand tripped on Voltage Regulation. Dehradun-425 KV.	N-9411								
	SUB TOTAL			--			00:00	00:00	00:00	140:08				744.00	4	89.430	357.72	357.72	100.00		
53	400KV FATEHABAD-HISAR	88.56	NR1				00:00	00:00	00:00	00:00											
	SUB TOTAL			--			00:00	00:00	00:00	00:00				744.00	2	88.558	177.12	177.12	100.00		
54	400KV HISAR-BHIWANI-I	64.46	NR1				00:00	00:00	00:00	00:00											
	SUB TOTAL						00:00	00:00	00:00	00:00				744.00	2	64.461	128.92	128.92	100.00		
55	400KV HISAR-BHIWANI-II	56.67	NR1				00:00	00:00	00:00	00:00											
	SUB TOTAL						00:00	00:00	00:00	00:00				744.00	2	56.669	113.34	113.34	100.00		
56	400KV HISAR-BHIWANI-III	56.67	NR1				00:00	00:00	00:00	00:00											
	SUB TOTAL						00:00	00:00	00:00	00:00				744.00	2	56.669	113.34	113.34	100.00		
57	400KV HISAR-BHIWANI(BBMB)	34.52	NR1				00:00	00:00	00:00	00:00											
	SUB TOTAL						00:00	00:00	00:00	00:00				744.00	2	34.520	69.04	69.04	100.00		
58	400KV HISAR-KAITHAL-I	113.12	NR1				00:00	00:00	00:00	00:00											
	SUB TOTAL						00:00	00:00	00:00	00:00				744.00	3	113.120	339.36	339.36	100.00		
59	400KV HISAR-KAITHAL-II	113.12	NR1				00:00	00:00	00:00	00:00											
	SUB TOTAL						00:00	00:00	00:00	00:00				744.00	3	113.120	339.36	339.36	100.00		
60	400KV JAIPUR(S)-RAPPD	228.18	NR1	--			00:00	00:00	00:00	00:00											
	SUB TOTAL			--			00:00	00:00	00:00	00:00				744.00	2	228.180	456.36	456.36	100.00		
61	400KV IHATIKAI A,RAMNOI LI	6.11	NR1	--	01-12-21 10:10	01-12-21 17:07	00:00	00:00	00:00	06:57	OSPD	Shutdown by DTL for replacing their damaged spacers and other maintenance work at Bamoli end.	N-121								

Sr.No.	ELEMENT NAME	Description (Length/Nos./MVA/MVAR/ MW/etc.)	Region	Type of failure	OUTAGE	RESTORATION	DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classificatio n/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency				
					DATE TIME	DATE TIME	ISTS Licensee	OTHERS	System constraint/ Natural calamity/ Militancy	Deemed Available													
																				@ (T)	# (U)	& (C)	* (D)
																				Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min
													Z	(E)	(F)	G=E x F	H						
													Hrs	E	F	G	H						
				--			00:00	00:00	00:00	00:00													
	SUB TOTAL			--			00:00	00:00	00:00	06:57				744.00	4	6.106	24.42	24.42	100.00				
62	400KV JHATIKALA-BAMNOLI-II	6.11	NR1	--	02-12-21 10:11	02-12-21 17:51	00:00	00:00	00:00	07:40	OSPD	Shutdown by DTL for replacing their damaged spacers and other maintenance work at Bamnoli end.	N-432										
							00:00	00:00	00:00	00:00													
	SUB TOTAL			--			00:00	00:00	00:00	07:40				744.00	4	6.106	24.42	24.42	100.00				
63	400KV JHATIKALA-MUNDKA-I	6.78	NR1				00:00	00:00	00:00	00:00													
							00:00	00:00	00:00	00:00													
	SUB TOTAL						00:00	00:00	00:00	00:00				744.00	4	6.782	27.13	27.13	100.00				
64	400KV JHATIKALA-MUNDKA-II	6.78	NR1		13-12-21 17:33	13-12-21 20:19	00:00	00:00	00:00	02:46	OSFD	Shutdown by DTL for replacing their damaged PG clamp on line isolator 403-89L R phase at Mundka end.	N-3952										
							00:00	00:00	00:00	00:00													
	SUB TOTAL						00:00	00:00	00:00	02:46				744.00	4	6.782	27.13	27.13	100.00				
65	400KV KANKROLI-BHINMAL	201.20	NR1				00:00	00:00	00:00	00:00													
							00:00	00:00	00:00	00:00													
	SUB TOTAL						00:00	00:00	00:00	00:00				744.00	2	201.200	402.40	402.40	100.00				
66	400KV KANKROLI-CHITTOR(RJ)-I	71.03	NR1				00:00	00:00	00:00	00:00													
							00:00	00:00	00:00	00:00													
	SUB TOTAL						00:00	00:00	00:00	00:00				744.00	2	71.030	142.06	142.06	100.00				
67	400KV KANKROLI-JODHPUR	187.97	NR1				00:00	00:00	00:00	00:00													
							00:00	00:00	00:00	00:00													
	SUB TOTAL						00:00	00:00	00:00	00:00				744.00	2	187.965	375.93	375.93	100.00				
68	400KV KANKROLI-RAPPC-II	198.54	NR1				00:00	00:00	00:00	00:00													
							00:00	00:00	00:00	00:00													
	SUB TOTAL						00:00	00:00	00:00	00:00				744.00	2	198.540	397.08	397.08	100.00				
69	400KV KOTA-BEAWAR	179.71	NR1	--	08-12-21 08:08	08-12-21 17:39	00:00	00:00	00:00	09:31	OSPD	Shutdown by Shree Cement for replacement of punctured insulator in their LLO portion.	N-2274										
							00:00	00:00	00:00	00:00													
	SUB TOTAL			--			00:00	00:00	00:00	09:31				744.00	2	179.711	359.42	359.42	100.00				
70	400KV KOTA-JAIPUR(S)	180.11	NR1	--	10-12-21 15:01	11-12-21 00:05	00:00	00:00	00:00	09:04	LPRD	Line hand tripped for Power regulation on RLDC instruction due to control the loading of 400KV Anta-Kota	N-3074										
							00:00	00:00	00:00	00:00													
	SUB TOTAL			--			00:00	00:00	00:00	09:04				744.00	2	180.110	360.22	360.22	100.00				
71	400KV KOTA-MERTA-I	255.56	NR1	--			00:00	00:00	00:00	00:00													
							00:00	00:00	00:00	00:00													
	SUB TOTAL			--			00:00	00:00	00:00	00:00				744.00	2	255.560	511.12	511.12	100.00				

Sr.No.	ELEMENT NAME	Description (Length/Nos./MVA/MVar/MW/etc.)	Region	Type of failure	OUTAGE		RESTORATION		DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classification/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency								
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS	System constraint/ Natural calamity/ Militancy	Deemed Available										@ (T)	# (U)	& (C)	* (D)				
																										Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min
																										Z	(E)	(F)	G=E x F
72	400KV KOTA-RAPPC	50.50	NR1		08-12-21 01:14	08-12-21 01:14	00:00	00:00	00:00	00:00	LART	Line autoreclose on R-N fault. FLR: Kota-R-N/2.95KM/14.68KA.	***																
					31-12-21 02:16	31-12-21 07:27	00:00	00:00	00:00	05:11	LVRD	Hand tripped on Voltage Regulation. Kota-420 KV.	N-9471																
	SUB TOTAL						00:00	00:00	00:00	05:11					744.00	2	50.500	101.00	101.00	100.00									
73	400KV KOTA-RAPPD	55.10	NR1				00:00	00:00	00:00	00:00																			
							00:00	00:00	00:00	00:00																			
	SUB TOTAL						00:00	00:00	00:00	00:00					744.00	2	55.103	110.21	110.21	100.00									
74	400KV KOTESHWR-KHEP-I	2.70	NR1				00:00	00:00	00:00	00:00																			
							00:00	00:00	00:00	00:00																			
	SUB TOTAL						00:00	00:00	00:00	00:00					744.00	2	2.700	5.40	5.40	100.00									
75	400KV KOTESHWR-KHEP-II	2.70	NR1	--			00:00	00:00	00:00	00:00																			
							00:00	00:00	00:00	00:00																			
	SUB TOTAL			--			00:00	00:00	00:00	00:00					744.00	2	2.700	5.40	5.40	100.00									
76	400KV KOTESHWR-TEHRI-I	14.46	NR1	--	29-12-21 11:42	29-12-21 17:26	05:44	00:00	00:00	00:00	OSPT	Shutdown for replacement of CC ring, jumper & spacer tightening work.	N-8948																
							00:00	00:00	00:00	00:00																			
	SUB TOTAL			--			05:44	00:00	00:00	00:00					744.00	4	14.463	57.85	57.41	99.23									
77	400KV KOTESHWR-TEHRI-II	16.49	NR1	--			00:00	00:00	00:00	00:00																			
							00:00	00:00	00:00	00:00																			
	SUB TOTAL			--			00:00	00:00	00:00	00:00					744.00	4	16.490	65.96	65.96	100.00									
78	400KV MEERUT-BAGPAT-I	70.98	NR1	--			00:00	00:00	00:00	00:00																			
							00:00	00:00	00:00	00:00																			
	SUB TOTAL			--			00:00	00:00	00:00	00:00					744.00	4	70.976	283.90	283.90	100.00									
79	400KV MEERUT-BAGPAT-II	70.98	NR1	--			00:00	00:00	00:00	00:00																			
							00:00	00:00	00:00	00:00																			
	SUB TOTAL			--			00:00	00:00	00:00	00:00					744.00	4	70.976	283.90	283.90	100.00									
80	400KV MEERUT-BAREILLY-I	66.01	NR1	--			00:00	00:00	00:00	00:00																			
							00:00	00:00	00:00	00:00																			
	SUB TOTAL			--			00:00	00:00	00:00	00:00					744.00	2	66.009	132.02	132.02	100.00									
81	400KV MEERUT-BAREILLY-II	66.01	NR1	--			00:00	00:00	00:00	00:00																			
							00:00	00:00	00:00	00:00																			
	SUB TOTAL			--			00:00	00:00	00:00	00:00					744.00	2	66.009	132.02	132.02	100.00									
82	400KV MEERUT-MND-I	59.87	NR1		22-12-21 03:02	22-12-21 09:12	00:00	00:00	00:00	06:10	LVRD	Hand tripped on Voltage Regulation. Meerut-421 KV.	N-6655																
					29-12-21 10:17	29-12-21 21:09	00:00	00:00	00:00	10:52	LCSD	Shutdown for creation of Diamond at crossing location 126-127 of 400KV D/C Merrut-Mandola with location 134-135 of 400KV Dadri-Panipat-II.	N-8927																
	SUB TOTAL						00:00	00:00	00:00	17:02					744.00	2	59.868	119.74	119.74	100.00									

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					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS	System constraint/ Natural calamity/ Militancy	Deemed Available										@ (T)	# (U)	& (C)	* (D)				
																										Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min
																										Z	(E)	(F)	G=E x F
SUB TOTAL																Hrs	E	F	G	H	100.00								
83	400KV MEERUT-MND-II	59.87	NR1		18-12-21	21:19	18-12-21	21:19	00:00	00:00	00:00	00:00	LART	Autoreclose successfully on B-N fault.FLR: Meerut:36.943 km/ 8.82 kA,Mandola-17.6 km/12 kA.	***														
					29-12-21	10:15	29-12-21	21:18	00:00	00:00	00:00	11:03	LCS	Shutdown for creation of Diamond at crossing location 126-127 of 400KV D/C Merrut-Mandola with location 134-135 of 400KV Dadri-Panipat-II.	N-8928														
SUB TOTAL																744.00	2	59.868	119.74	119.74	100.00								
84	400KV MEERUT-MND-III	54.30	NR1		02-12-21	23:31	03-12-21	09:26	00:00	00:00	00:00	09:55	LVRD	Hand tripped on Voltage Regulation. Meerut-421 KV.	N-633														
					06-12-21	03:13	06-12-21	09:41	00:00	00:00	00:00	06:28	LVRD	Hand tripped on Voltage Regulation. Mrt-422 KV.	N-1511														
					11-12-21	00:19	11-12-21	07:46	00:00	00:00	00:00	07:27	LVRD	Hand tripped on Voltage Regulation. Meerut-422 KV.	N-3226														
					13-12-21	00:58	13-12-21	07:48	00:00	00:00	00:00	06:50	LVRD	Hand tripped on Voltage Regulation. Mrt-426 KV.	N-3739														
					17-12-21	01:01	17-12-21	07:03	00:00	00:00	00:00	06:02	LVRD	Hand tripped on Voltage Regulation. Meerut-417 KV.	N-4995														
SUB TOTAL																744.00	2	54.298	108.60	108.60	100.00								
85	400KV MEERUT-MND-IV	54.30	NR1		09-12-21	21:35	10-12-21	09:20	00:00	00:00	00:00	11:45	LVRD	Hand tripped on Voltage Regulation. Meerut-422 KV.	N-2853														
					12-12-21	02:28	12-12-21	08:15	00:00	00:00	00:00	05:47	LVRD	Hand tripped on Voltage Regulation. Mrt-426 KV.	N-3518														
					15-12-21	21:04	16-12-21	07:48	00:00	00:00	00:00	10:44	LVRD	Hand tripped on Voltage Regulation. Meerut-420 KV.	N-4613														
					17-12-21	22:24	18-12-21	06:34	00:00	00:00	00:00	08:10	LVRD	Hand tripped on Voltage Regulation. Meerut-417 KV.	N-5345														
					20-12-21	23:24	21-12-21	07:21	00:00	00:00	00:00	07:57	LVRD	Hand tripped on Voltage Regulation. Meerut-421 KV.	N-6306														
					26-12-21	01:45	26-12-21	06:55	00:00	00:00	00:00	05:10	LVRD	Hand tripped on Voltage Regulation. Meerut-420 KV.	N-7781														
SUB TOTAL																744.00	2	54.298	108.60	108.60	100.00								
86	400KV MEERUT-MUZFRNGR	37.38	NR1						00:00	00:00	00:00	00:00																	
									00:00	00:00	00:00	00:00																	
SUB TOTAL																744.00	2	37.380	74.76	74.76	100.00								
87	400KV MERTA-BEAWAR	76.02	NR1		07-12-21	08:50	07-12-21	17:04	00:00	00:00	00:00	08:14	OSPD	S/D by Shree Cement for replacement of punctured insulator in their LIL0 portion.	N-1910														
									00:00	00:00	00:00	00:00																	
SUB TOTAL																744.00	2	76.018	152.04	152.04	100.00								
88	400KV MORADABD-HAPUR(UP)	106.85	NR1		03-12-21	22:17	04-12-21	00:10	00:00	01:53	00:00	00:00	OMSU	Tripped on Bus fault caused by fire in Bushing of their Bus reactor at Moradabad SS.	***														
									00:00	00:00	00:00	00:00																	
SUB TOTAL																744.00	2	106.850	213.70	213.70	100.00								
89	400KV MURADNGR-HAPUR(UP)	26.65	NR1						00:00	00:00	00:00	00:00																	
									00:00	00:00	00:00	00:00																	
SUB TOTAL																744.00	2	26.650	53.30	53.30	100.00								

Sr.No.	ELEMENT NAME	Description (Length/Nos./MVA/MVar/ MW/etc.)	Region	Type of failure	OUTAGE	RESTORATION	DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classificatio n/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency		
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS										System constraint/ Natural calamity/ Militancy	Deemed Available
									@ (T)	# (U)										& (C)	* (D)
									Hrs:Min	Hrs:Min										Hrs:Min	Hrs:Min
Z	(E)	(F)	G=E x F	H																	
90	400KV NAVADA-GR.NOIDA	30.15	NR1	--	13-12-21 19:08	13-12-21 20:10	00:00	01:02	00:00	00:00	OMSU	CB tripped at Navada end only due to their A/R relay problem during transient B-N fault. Line remain charged from Gr.Noida end. FLR-Gr Noida-16.30/13.63KA, Navada-7.849KM/ 14.65KA. Both end bays belongs to other utility.	***								
				--			00:00	00:00	00:00	00:00											
	SUB TOTAL			--			00:00	01:02	00:00	00:00			744.00	4	30.150	120.60	120.60	100.00			
91	400KV NIMRANA-MANESAR-I	67.04	NR1				00:00	00:00	00:00	00:00											
							00:00	00:00	00:00	00:00											
	SUB TOTAL						00:00	00:00	00:00	00:00			744.00	2	67.041	134.08	134.08	100.00			
92	400KV NIMRANA-MANESAR-II	67.04	NR1				00:00	00:00	00:00	00:00											
							00:00	00:00	00:00	00:00											
	SUB TOTAL						00:00	00:00	00:00	00:00			744.00	2	67.041	134.08	134.08	100.00			
93	400KV NIMRANA-BABAI(RRVPNL)	81.00	NR1	--	08-12-21 10:23	08-12-21 14:53	00:00	00:00	00:00	04:30	OSPD	Shutdown by RRVPNL for their bay/ line maintenance work at Babai end.	N-2342								
				--			00:00	00:00	00:00	00:00											
	SUB TOTAL			--			00:00	00:00	00:00	04:30			744.00	2	81.000	162.00	162.00	100.00			
94	400KV NIMRANA-SIKAR-II	175.86	NR1	--	01-12-21 00:00	01-12-21 07:38	00:00	00:00	00:00	07:38	LVRD	Hand tripped on Voltage Regulation. Sikar-420 KV.	N-7468								
				--	15-12-21 20:17	16-12-21 07:03	00:00	00:00	00:00	10:46	LVRD	Hand tripped on Voltage Regulation. Sikar-425 KV.	N-4596								
				--	16-12-21 21:18	17-12-21 06:27	00:00	00:00	00:00	09:09	LVRD	Hand tripped on Voltage Regulation. Sikar-419 KV.	N-4960								
				--	19-12-21 21:27	20-12-21 06:45	00:00	00:00	00:00	09:18	LVRD	Hand tripped on Voltage Regulation. Sikar-419 KV.	N-5932								
	SUB TOTAL			--			00:00	00:00	00:00	36:51			744.00	2	175.859	351.72	351.72	100.00			
95	400KV RAPPC-CHITTOR(RJ)-I	155.15	NR1				00:00	00:00	00:00	00:00											
							00:00	00:00	00:00	00:00											
	SUB TOTAL						00:00	00:00	00:00	00:00			744.00	2	155.150	310.30	310.30	100.00			
96	400KV ROORKEE -DEHRADUN	79.70	NR1		27-12-21 11:38	27-12-21 17:02	05:24	00:00	00:00	00:00	OSPT	S/D for critical trees looping work.	N-8247								
							00:00	00:00	00:00	00:00											
	SUB TOTAL						05:24	00:00	00:00	00:00			744.00	4	79.700	318.80	316.49	99.27			
97	400KV ROORKI-KASHIPUR-I	150.83	NR1		15-12-21 13:10	15-12-21 16:54	03:44	00:00	00:00	00:00	OSFT	Forced S/D for attending SF6 gas leakage in R-Ph CB 407 at Roorkie as T/Bay was already under shutdown.	N-4489								
					27-12-21 01:31	27-12-21 01:55	00:24	00:00	00:00	00:00	OSFT	Line opened mistakenly while opening 400KV Kashipur-Bareilly-1 line for voltage regulation from Kashipur end.	***								
	SUB TOTAL						04:08	00:00	00:00	00:00			744.00	4	150.832	603.33	599.98	99.44			
98	400KV ROORKI-KASHIPUR-II	150.83	NR1		07-12-21 09:23	07-12-21 09:23	00:00	00:00	00:00	00:00	LART	Line autoreclose on Y-N fault. FLR: Roorkie- M1-116KM/ 3.5KA, M2- 121KM. Kashipur- 55KM/5.9KA.	***								
							00:00	00:00	00:00	00:00											
	SUB TOTAL						00:00	00:00	00:00	00:00			744.00	4	150.832	603.33	603.33	100.00			
				--	10-12-21 05:22	10-12-21 05:22	00:00	00:00	00:00	00:00	LART	Auto-reclosed on B-N fault under PTCUL area. FLR: Roorkie-16.198km/ 11.38kA, Muzafnrg-47.20km/ 5.48KA.	***								

Sr.No.	ELEMENT NAME	Description (Length/Nos./MVA/MVAr/ MW/etc.)	Region	Type of failure	OUTAGE		RESTORATION		DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classificatio n/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency								
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS	System constraint/ Natural calamity/ Militancy	Deemed Available										@ (T)	# (U)	& (C)	* (D)				
																										Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min
																										Z	(E)	(F)	G=E x F
Hrs		E	F	G	H																								
99	400KV ROORKI-MUZFRNGR	2.10	NR1		14-12-21	04:43	14-12-21	04:43	00:00	00:00	00:00	00:00	LART	A/R successfully at both ends on Y-N Fault in UPPCL portion of the line.. FLR:Roorkee- 6.33KA, 40.855KM.	***														
					14-12-21	12:48	15-12-21	19:43	00:00	00:00	00:00	30:55	OSFD	Forced shutdown by PTCUL for rectification of their broken earthwire at loc. 235 in their line portion.	N-4184														
					18-12-21	02:42	18-12-21	05:11	00:00	02:29	00:00	00:00	OMSU	Tripped on R-N fault in PTCUL(UK) portion due to earth wire broken b/w loc. 248-251 in their portion. FLR: Roorkee-44.40km/6.20KA, Muzaffarnagar-19.47km/10.30 kA. SOTF also reported. Forced S/D taken by PTCUL.	***														
					--	18-12-21	12:21	19-12-21	17:19	00:00	00:00	00:00	28:58	OSFD	Forced shutdown by PTCUL for rectification of broken earthwire b/w loc no. 248-251 in their line portion.	N-5523													
SUB TOTAL				NR1	--			00:00	02:29	00:00	59:53			744.00	2	2.100	4.20	4.20	100.00										
100	400KV ROORKI-RISHIKESH	2.10	NR1		22-12-21	06:02	22-12-21	17:31	00:00	00:00	00:00	11:29	OSPD	Shutdown by PTCUL for construction of railway under bridge on NH-58 at haridwar by NHA1 in their line portion.	N-6669														
					--			00:00	00:00	00:00	00:00					744.00	2	2.100	4.20	4.20	100.00								
SUB TOTAL				--				00:00	00:00	00:00	11:29			744.00	2	2.100	4.20	4.20	100.00										
101	400KV ROORKI-SAHARANPUR-I	36.54	NR1		--				00:00	00:00	00:00	00:00																	
					--			00:00	00:00	00:00	00:00					744.00	4	36.535	146.14	146.14	100.00								
SUB TOTAL				--				00:00	00:00	00:00	00:00			744.00	4	36.535	146.14	146.14	100.00										
102	400KV SIKAR-BABAI(RRVPNL)	94.43	NR1		--	09-12-21	10:23	09-12-21	15:28	00:00	00:00	00:00	05:05	OSPD	Shutdown by RRVPNL for their bay/ line maintenance work at Babai end.	N-2667													
					--			00:00	00:00	00:00	00:00					744.00	2	94.430	188.86	188.86	100.00								
SUB TOTAL				--				00:00	00:00	00:00	05:05			744.00	2	94.430	188.86	188.86	100.00										
103	400KV SIKAR-RATANGARH-I	76.48	NR1		--	01-12-21	20:56	02-12-21	05:56	00:00	00:00	00:00	09:00	LVRD	Hand tripped on Voltage Regulation. Sikar-422 KV.	N-287													
					--	03-12-21	19:44	04-12-21	06:20	00:00	00:00	00:00	10:36	LVRD	Hand tripped on Voltage Regulation. Sikar-425 KV.	N-918													
					--	05-12-21	21:45	06-12-21	06:03	00:00	00:00	00:00	08:18	LVRD	Hand tripped on Voltage Regulation. Sikar-425 KV.	N-1494													
					--	07-12-21	21:33	08-12-21	05:55	00:00	00:00	00:00	08:22	LVRD	Hand tripped on Voltage Regulation. Sikar-425 KV.	N-2168													
					--	09-12-21	18:04	10-12-21	09:07	00:00	00:00	00:00	15:03	LVRD	Hand tripped on Voltage Regulation. Sikar-425 KV.	N-2801													
					--	10-12-21	20:02	11-12-21	07:30	00:00	00:00	00:00	11:28	LVRD	Hand tripped on Voltage Regulation. Sikar-425 KV.	N-3156													
					--	12-12-21	20:34	13-12-21	05:45	00:00	00:00	00:00	09:11	LVRD	Hand tripped on Voltage Regulation. Sikar-425 KV.	N-3710													
					--	14-12-21	19:23	15-12-21	06:14	00:00	00:00	00:00	10:51	LVRD	Hand tripped on Voltage Regulation. Sikar-425 KV.	N-4267													
					--	17-12-21	22:19	18-12-21	06:13	00:00	00:00	00:00	07:54	LVRD	Hand tripped on Voltage Regulation. Sikar-419 KV.	N-5342													
					--	19-12-21	20:33	20-12-21	06:14	00:00	00:00	00:00	09:41	LVRD	Hand tripped on Voltage Regulation. Sikar-419 KV.	N-5921													
					--	21-12-21	22:17	22-12-21	06:43	00:00	00:00	00:00	08:26	LVRD	Hand tripped on Voltage Regulation. Sikar-419 KV.	N-6620													
					--	23-12-21	21:19	24-12-21	05:52	00:00	00:00	00:00	08:33	LVRD	Hand tripped on Voltage Regulation. Sikar-419 KV.	N-7204													
					--	25-12-21	20:09	26-12-21	06:19	00:00	00:00	00:00	10:10	LVRD	Hand tripped on Voltage Regulation. Sikar-419 KV.	N-7713													
					--	29-12-21	21:46	30-12-21	05:58	00:00	00:00	00:00	08:12	LVRD	Hand tripped on Voltage Regulation. Sikar-425 KV.	N-9098													
--	31-12-21	21:10	01-01-22	00:00	00:00	00:00	00:00	02:50	LVRD	Hand tripped on Voltage Regulation. Sikar-423 KV.	N-9714																		

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					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS	System constraint/ Natural calamity/ Militancy	Deemed Available										@ (T)	# (U)	& (C)	* (D)				
																										Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min
																										Z	(E)	(F)	G=E x F
SUB TOTAL									00:00	00:00	00:00	138:35			744.00	2	76.480	152.96	152.96	100.00									
104	400KV SIKAR-RATANGARH-II	76.48	NR1	--	01-12-21	00:00	01-12-21	05:53	00:00	00:00	00:00	05:53	LVRD	Hand tripped on Voltage Regulation. Sikar-420 KV.	N-7467														
					02-12-21	21:09	03-12-21	06:03	00:00	00:00	00:00	08:54	LVRD	Hand tripped on Voltage Regulation. Sikar-422 KV.	N-606														
					04-12-21	21:51	05-12-21	05:39	00:00	00:00	00:00	07:48	LVRD	Hand tripped on Voltage Regulation. Sikar-422 KV.	N-1280														
					06-12-21	21:57	07-12-21	05:36	00:00	00:00	00:00	07:39	LVRD	Hand tripped on Voltage Regulation. Sikar-425 KV.	N-1834														
					08-12-21	18:17	09-12-21	06:35	00:00	00:00	00:00	12:18	LVRD	Hand tripped on Voltage Regulation. Sikar-425 KV.	N-2448														
					11-12-21	19:04	12-12-21	05:36	00:00	00:00	00:00	10:32	LVRD	Hand tripped on Voltage Regulation. Sikar-425 KV.	N-3454														
					13-12-21	21:01	14-12-21	05:57	00:00	00:00	00:00	08:56	LVRD	Hand tripped on Voltage Regulation. Sikar-425 KV.	N-4009														
					16-12-21	21:08	17-12-21	07:04	00:00	00:00	00:00	09:56	LVRD	Hand tripped on Voltage Regulation. Sikar-419 KV.	N-4956														
					18-12-21	19:19	19-12-21	06:27	00:00	00:00	00:00	11:08	LVRD	Hand tripped on Voltage Regulation. Sikar-419 KV.	N-5640														
					20-12-21	20:35	21-12-21	06:05	00:00	00:00	00:00	09:30	LVRD	Hand tripped on Voltage Regulation. Sikar-419 KV.	N-6280														
					22-12-21	20:08	23-12-21	06:42	00:00	00:00	00:00	10:34	LVRD	Hand tripped on Voltage Regulation. Sikar-419 KV.	N-6896														
					24-12-21	21:55	25-12-21	05:51	00:00	00:00	00:00	07:56	LVRD	Hand tripped on Voltage Regulation. Sikar-419 KV.	N-7509														
					26-12-21	19:36	27-12-21	06:27	00:00	00:00	00:00	10:51	LVRD	Hand tripped on Voltage Regulation. Sikar-419 KV.	N-7977														
					29-12-21	01:41	29-12-21	06:08	00:00	00:00	00:00	04:27	LVRD	Hand tripped on Voltage Regulation. Sikar-425 KV.	N-8786														
30-12-21	21:24	31-12-21	06:33	00:00	00:00	00:00	09:09	LVRD	Hand tripped on Voltage Regulation. Sikar-423 KV.	N-9427																			
SUB TOTAL									00:00	00:00	00:00	135:31			744.00	2	76.480	152.96	152.96	100.00									
105	400KV BHADLA-BHADLA(RJ)-I	26.54	NR1						00:00	00:00	00:00	00:00																	
									00:00	00:00	00:00	00:00																	
SUB TOTAL									00:00	00:00	00:00	00:00			744.00	4	26.542	106.17	106.17	100.00									
106	400KV BHADLA-BHADLA(RJ)-II	26.54	NR1						00:00	00:00	00:00	00:00																	
									00:00	00:00	00:00	00:00																	
SUB TOTAL									00:00	00:00	00:00	00:00			744.00	4	26.542	106.17	106.17	100.00									
107	400KV BIKANER-BIKANER(RJ)	9.00	NR1						00:00	00:00	00:00	00:00																	
									00:00	00:00	00:00	00:00																	
SUB TOTAL									00:00	00:00	00:00	00:00			744.00	4	9.000	36.00	36.00	100.00									
108	400KV BIKANER-BHADLA(RJ)	9.00	NR1		17-12-21	18:06	17-12-2021	22:55	00:00	00:00	00:00	04:49	OSPD	Shutdown by RRVPNL for their bay/ line maintenance work at Bhadla(RRVPNL) end	N-5231														
									00:00	00:00	00:00	00:00																	
SUB TOTAL									00:00	00:00	00:00	04:49			744.00	4	9.000	36.00	36.00	100.00									
109	400KV GURGAON-SOHNA-I	6.68	NR1						00:00	00:00	00:00	00:00																	
									00:00	00:00	00:00	00:00																	
SUB TOTAL									00:00	00:00	00:00	00:00			744.00	4	6.680	26.72	26.72	100.00									

Sr.No.	ELEMENT NAME	Description (Length/Nos./MVA/MVAR/ MW/etc.)	Region	Type of failure	OUTAGE	RESTORATION	DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classificatio n/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency		
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS										System constraint/ Natural calamity/ Militancy	Deemed Available
									@ (T)	# (U)										& (C)	* (D)
									Hrs:Min	Hrs:Min										Hrs:Min	Hrs:Min
SUB TOTAL					--		00:00	00:00	00:00	00:00			744.00	1	186.667	186.67	186.67	100.00			
3	220KV ANTA-LALSOT	180.29	NR1				00:00	00:00	00:00	00:00											
SUB TOTAL							00:00	00:00	00:00	00:00			744.00	1	180.287	180.29	180.29	100.00			
4	220KV ANTA-RAPPC	87.54	NR1				00:00	00:00	00:00	00:00											
SUB TOTAL							00:00	00:00	00:00	00:00			744.00	1	87.544	87.54	87.54	100.00			
5	220KV ANTA-S.MDHPR	102.16	NR1				00:00	00:00	00:00	00:00											
SUB TOTAL							00:00	00:00	00:00	00:00			744.00	1	102.164	102.16	102.16	100.00			
6	220KV BASSI-BAGRU	35.35	NR1	--	05-12-21 10:30	05-12-21 18:07	00:00	00:00	00:00	07:37	OSPD	Shutdown by RRVPNL for quarterly maintenance works work of their bays at Bagru end.	N-1397								
SUB TOTAL							00:00	00:00	00:00	07:37				744.00	1	35.353	35.35	35.35	100.00		
7	220KV BASSI-DAUSA-I	20.11	NR1		08-12-21 12:37	08-12-21 19:41	07:04	00:00	00:00	00:00	LHWT	Tripped on R-Y fault due to snapping of jumper at loc.. 621A. FLR:Bassi-21.1km Tr-7.19kA,ly-6.8kA, Dausa-7.8km. Line charged after attending the same.	N-2409								
SUB TOTAL							07:04	00:00	00:00	00:00				744.00	1	20.109	20.11	19.92	99.05		
8	220KV BASSI-DAUSA-II	20.11	NR1				00:00	00:00	00:00	00:00											
SUB TOTAL							00:00	00:00	00:00	00:00				744.00	1	20.109	20.11	20.11	100.00		
9	220KV BASSI-IG NAGAR	22.48	NR1				00:00	00:00	00:00	00:00											
SUB TOTAL							00:00	00:00	00:00	00:00				744.00	1	22.478	22.48	22.48	100.00		
10	220KV FGPP-PALLA-I	15.69	NR1	--	02-12-21 03:33	02-12-21 13:07	00:00	09:34	00:00	00:00	OMSU	Tripped only from FGPP end due to Bus fault at Palla (HVPN) SS caused by CT blast of their 220KV Samaypur ckt2 at Palla. Both end bays belong to other utility.									
SUB TOTAL							00:00	09:34	00:00	03:51	OSFD	Forced shutdown by HVPNL for attending hot point on their line Isolator at Palla end.	N-2689								
SUB TOTAL							00:00	09:34	00:00	03:51				744.00	1	15.690	15.69	15.69	100.00		
11	220KV FGPP-PALLA-II	15.69	NR1		11-12-21 12:16	11-12-21 16:50	04:34	00:00	00:00	00:00	OSPT	S/D for replacement of damaged CLR polymer insulator (B-ph) at Tower No-23	N-3368								
SUB TOTAL							04:34	00:00	00:00	00:00				744.00	1	15.690	15.69	15.59	99.39		
12	220KV HIRAPURA-IG NAGAR	24.88	NR1		20-12-21 10:53	20-12-21 15:24	00:00	00:00	00:00	04:31	OSPD	Shutdown by RRVPNL for quarterly maintenance work of their bays/ line at IG Nagar end.	N-6129								
SUB TOTAL							00:00	00:00	00:00	04:31				744.00	1	24.875	24.88	24.88	100.00		
13	220KV HIRAPURA-MANSAROVAR	17.00	NR1		20-12-21 15:37	20-12-21 19:05	00:00	00:00	00:00	03:28	OSPD	Shutdown by RRVPNL for quarterly maintenance work of their bays/ line at Mansarovar end.	N-6169								

Sr.No.	ELEMENT NAME	Description (Length/Nos./MVA/MVAZ/MW/etc.)	Region	Type of failure	OUTAGE	RESTORATION	DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classification/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency		
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS										System constraint/ Natural calamity/ Militancy	Deemed Available
									@ (T)	# (U)										& (C)	* (D)
									Hrs:Min	Hrs:Min										Hrs:Min	Hrs:Min
Z	(E)	(F)	G=E x F	H																	
	SUB TOTAL						00:00	00:00	00:00	03:28			744.00	1	0.700	0.70	0.70	100.00			
14	220KV HISAR-HISAR I/A-I	13.77	NR1	--	06-12-21 12:47	06-12-21 23:05	00:00	00:00	00:00	10:18	LPRD	Hand tripped on Power regulation as per NRLDC instruction to control overloading in 220KV HISAR-HISAR I/A-I during S/D facilitation of 220KV HISAR-HISAR I/A-II.	N-1655								
	SUB TOTAL						00:00	00:00	00:00	10:18			744.00	1	13.770	13.77	13.77	100.00			
15	220KV HISAR-HISAR I/A-II	13.77	NR1	--	06-12-21 12:47	06-12-21 23:05	10:18	00:00	00:00	00:00	OSPT	S/D for 207 89L isolator retrofitment at Hissar(PG) end.	N-1633								
	SUB TOTAL						10:18	00:00	00:00	00:00			744.00	1	13.770	13.77	13.58	98.62			
16	220KV LALSOT-DAUSA	28.02	NR1		01-12-21 00:00	01-01-22 00:00	00:00	00:00	00:00	744:00	LPRD	Line hand tripped for Power regulation on RLDC instruction.	N-6160								
	SUB TOTAL						00:00	00:00	00:00	744:00			744.00	1	28.020	28.02	28.02	100.00			
17	220KV MEERUT-MPURAM-I	2.32	NR1	--			00:00	00:00	00:00	00:00											
	SUB TOTAL						00:00	00:00	00:00	00:00			744.00	1	2.316	2.32	2.32	100.00			
18	220KV MEERUT-MPURAM-II	9.25	NR1	--			00:00	00:00	00:00	00:00											
	SUB TOTAL						00:00	00:00	00:00	00:00			744.00	1	9.254	9.25	9.25	100.00			
19	220KV MEERUT-NARA	2.32	NR1	--			00:00	00:00	00:00	00:00											
	SUB TOTAL						00:00	00:00	00:00	00:00			744.00	1	2.316	2.32	2.32	100.00			
20	220KV MEERUT-SHTBDNGR	8.23	NR1				00:00	00:00	00:00	00:00											
	SUB TOTAL						00:00	00:00	00:00	00:00			744.00	1	8.234	8.23	8.23	100.00			
21	220KV MEERUT-SIMBHOLI	9.25	NR1				00:00	00:00	00:00	00:00											
	SUB TOTAL						00:00	00:00	00:00	00:00			744.00	1	9.254	9.25	9.25	100.00			
22	220KV RAPPB-CHITT-I	128.83	NR1		23-12-21 09:25	23-12-21 19:59	10:34	00:00	00:00	00:00	OSPT	S/D to replace flashed over insulator & to fix bird guard and cleaning of insulator.	N-7016								
	SUB TOTAL						10:34	00:00	00:00	00:00			744.00	1	128.833	128.83	127.00	98.58			
23	220KV RAPPB-CHITT-II	128.83	NR1		24-12-21 12:14	24-12-21 19:26	07:12	00:00	00:00	00:00	OSPT	S/D for fixing bird guard and insulator cleaning work.	N-7354								
	SUB TOTAL						07:12	00:00	00:00	00:00			744.00	1	128.833	128.83	127.59	99.03			

Sr.No.	ELEMENT NAME	Description (Length/Nos./MVA/MVAr/ MW/etc.)	Region	Type of failure	OUTAGE	RESTORATION	DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classificatio n/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency		
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS										System constraint/ Natural calamity/ Militancy	Deemed Available
					@ (T)	# (U)	& (C)	* (D)													
					Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min													
												Z	(E)	(F)	G=E x F	H					
												Hrs	E	F	G	H					
24	220KV RAPPB-RAPPC	0.18	NR1					00:00	00:00	00:00	00:00										
								00:00	00:00	00:00	00:00										
	SUB TOTAL							00:00	00:00	00:00	00:00			744.00	1	0.175	0.18	0.18	100.00		
25	220KV RAPPB-UDAIPUR	230.30	NR1		14-12-21 13:20	14-12-21 19:35	06:15	00:00	00:00	00:00	OSPT	Shutdown for flashed over insulator replacement, bird guard fixing and cleaning of insulators.	N-4187								
					15-12-21 00:43	15-12-21 01:50	01:07	00:00	00:00	00:00	LEFT	A/reclosed from RAPPB but tripped from DEBARI during R-N fault. FLR-Debari-M1-141KM/0.77KA, M2-142.8KM/ 0.80KA. RAPPB-Z-I/94.78KM/150A.	***								
					28-12-21 03:28	28-12-21 03:28	00:00	00:00	00:00	00:00	LART	A/R on B-Nfault.FLR-RAPPB-190km/1.11kA,Udaypur-43.8km/.									
	SUB TOTAL							07:22	00:00	00:00	00:00			744.00	1	230.297	230.30	228.02	99.01		
26	220KV S.MDHPR-DAUSA-I	106.24	NR1					00:00	00:00	00:00	00:00										
								00:00	00:00	00:00	00:00										
	SUB TOTAL							00:00	00:00	00:00	00:00			744.00	1	106.243	106.24	106.24	100.00		
27	220KV SIKAR-RATANGARH-I	2.83	NR1		27-12-21 12:58	27-12-21 19:24	00:00	00:00	00:00	06:26	OSFD	Forced S/D by RRVPNL for replacement of Disc insulators of Y-phase of ckt-II in their portion.	N-8258								
								00:00	00:00	00:00	00:00										
	SUB TOTAL							00:00	00:00	00:00	06:26			744.00	1	2.830	2.83	2.83	100.00		
28	220KV SIKAR-RATANGARH-II	2.83	NR1		27-12-21 08:05	27-12-21 19:24	00:00	11:19	00:00	00:00	OMSU	Line tripped on Y-N fault in RRVPNL portion. FLR-Sikar-Z-2, 75.90km/4.08kA. S/D taken by RRVPNL for Y-ph insulator replacement in their portion.	N-8257								
								00:00	00:00	00:00	00:00										
	SUB TOTAL							00:00	11:19	00:00	00:00			744.00	1	2.830	2.83	2.83	100.00		
29	220KV SIKAR-SIKAR(RJ)-I	3.00	NR1					00:00	00:00	00:00	00:00										
								00:00	00:00	00:00	00:00										
	SUB TOTAL							00:00	00:00	00:00	00:00			744.00	1	3.000	3.00	3.00	100.00		
30	220KV SIKAR-SIKAR(RJ)-II	3.00	NR1					00:00	00:00	00:00	00:00										
								00:00	00:00	00:00	00:00										
	SUB TOTAL							00:00	00:00	00:00	00:00			744.00	1	3.000	3.00	3.00	100.00		
31	220KV MANSAROVAR-SANGANER	11.40	NR1					00:00	00:00	00:00	00:00										
								00:00	00:00	00:00	00:00										
	SUB TOTAL							00:00	00:00	00:00	00:00			744.00	1	11.400	11.40	11.40	100.00		
32	220KV FGPP-FARIDABAD(Sec-58)-I	17.60	NR1		02-12-21 03:33	02-12-21 13:00	00:00	09:27	00:00	00:00	OMSU	Tripped only from FGPP end due to Bus fault at Palla (HVPN) SS caused by CT blast of their 220KV Samaypur ckt2 at Palla. Both end bays belong to other utility.									
								00:00	00:00	00:00	00:00										
								00:00	09:27	00:00	00:00			744.00	1	17.600	17.60	17.60	100.00		
33	220KV FGPP-FARIDABAD(Sec-58)-II	17.60	NR1					00:00	00:00	00:00	00:00										
								00:00	00:00	00:00	00:00										
								00:00	00:00	00:00	00:00			744.00	1	17.600	17.60	17.60	100.00		

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					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS										System constraint/ Natural calamity/ Militancy	Deemed Available
					@ (T)	# (U)	& (C)	* (D)													
					Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min													
SUB TOTAL							00:00	00:00	00:00	00:00											
20	765/400KV ICT-III KOTESHWR	800.00	NR1					00:00	00:00	00:00	00:00										
SUB TOTAL							00:00	00:00	00:00	00:00			744.00	800			800.00	800.00			100.00
21	765/400KV ICT-IV KOTESHWR	800.00	NR1		24-12-21 16:11	24-12-21 17:30	01:19	00:00	00:00	00:00	00:00	OSFT	S/D to attend the low clearance of 33kV cable (tertiary of ICT) & live part from the fire fighting.	N-7378							
SUB TOTAL							01:19	00:00	00:00	00:00			744.00	800			800.00	798.58			99.82
22	765/400KV ICT-I KOTESHWR	800.00	NR1					00:00	00:00	00:00	00:00										
SUB TOTAL							00:00	00:00	00:00	00:00			744.00	800			800.00	800.00			100.00
23	765/400KV ICT-I BHADLA_2	1500.00	NR1					00:00	00:00	00:00	00:00										
SUB TOTAL							00:00	00:00	00:00	00:00			744.00	1500			1500.00	1500.00			100.00
24	765/400KV ICT-II BHADLA_2	1500.00	NR1					00:00	00:00	00:00	00:00										
SUB TOTAL							00:00	00:00	00:00	00:00			744.00	1500			1500.00	1500.00			100.00
25	765/400KV ICT-III FATEHGARH_2	1500.00	NR1					00:00	00:00	00:00	00:00										
SUB TOTAL							00:00	00:00	00:00	00:00			744.00	1500			1500.00	1500.00			100.00
26	765/400KV ICT-II FATEHGARH_2	1500.00	NR1					00:00	00:00	00:00	00:00										
SUB TOTAL							00:00	00:00	00:00	00:00			744.00	1500			1500.00	1500.00			100.00
27	765/400KV ICT-I FATEHGARH_2	1500.00	NR1		16-12-21 18:58	17-12-21 01:58	00:00	00:00	00:00	07:00		SCSD	S/D along with 765kV Bus-1 for commissioning/ stability test of new Bus Reactor-II. Further commissioning of 765kv Main and Tie bays in dia of ICT-1 is under progress and scheduled with charging of 765kv Fatehgarh_2-Bhadla line by next month.	N-4913							
SUB TOTAL							00:00	00:00	00:00	07:00			744.00	1500			1500.00	1500.00			100.00
28	765/400KV ICT-III BHIWANI	1000.00	NR1		24-12-21 07:46	24-12-21 15:05	07:19	00:00	00:00	00:00	00:00	SRMT	Tripped due to differential relay maloperation.	***							
SUB TOTAL							07:19	00:00	00:00	00:00			744.00	1000			1000.00	990.17			99.02
F	400/220 KV ICT'S																				
1	315MVA ICT-I BASSI	315.00	NR1					00:00	00:00	00:00	00:00										
SUB TOTAL							00:00	00:00	00:00	00:00			744.00	315			315.00	315.00			100.00

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					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS										System constraint/ Natural calamity/ Militancy	Deemed Available
									@ (T)	# (U)										& (C)	* (D)
									Hrs:Min	Hrs:Min										Hrs:Min	Hrs:Min
Z	(E)	(F)	G=E x F	H																	
2	315MVA ICT-II BASSI	315.00	NR1		12-12-21 04:35	12-12-21 22:45	18:10	00:00	00:00	00:00	OMST	Tripped on Buchholz relay operated.									
	SUB TOTAL						18:10	00:00	00:00	00:00			744.00	315			315.00	307.31	97.56		
3	500MVA ICT-III BASSI	500.00	NR1				00:00	00:00	00:00	00:00											
	SUB TOTAL						00:00	00:00	00:00	00:00			744.00	500			500.00	500.00	100.00		
4	500MVA ICT-I BAGPAT	500.00	NR1				00:00	00:00	00:00	00:00											
	SUB TOTAL						00:00	00:00	00:00	00:00			744.00	500			500.00	500.00	100.00		
5	500MVA ICT-II BAGPAT	500.00	NR1				00:00	00:00	00:00	00:00											
	SUB TOTAL						00:00	00:00	00:00	00:00			744.00	500			500.00	500.00	100.00		
6	315MVA ICT-I BAHADURGARH	315.00	NR1				00:00	00:00	00:00	00:00											
	SUB TOTAL						00:00	00:00	00:00	00:00			744.00	315			315.00	315.00	100.00		
7	500MVA ICT-II BAHADURGARH	500.00	NR1				00:00	00:00	00:00	00:00											
	SUB TOTAL						00:00	00:00	00:00	00:00			744.00	500			500.00	500.00	100.00		
8	315MVA ICT-III BAWANA	315.00	NR1				00:00	00:00	00:00	00:00											
	SUB TOTAL						00:00	00:00	00:00	00:00			744.00	315			315.00	315.00	100.00		
9	315MVA ICT-I BHINMAL	315.00	NR1				00:00	00:00	00:00	00:00											
	SUB TOTAL						00:00	00:00	00:00	00:00			744.00	315			315.00	315.00	100.00		
10	315MVA ICT-II BHINMAL	315.00	NR1				00:00	00:00	00:00	00:00											
	SUB TOTAL						00:00	00:00	00:00	00:00			744.00	315			315.00	315.00	100.00		
11	315MVA ICT-I BHIWADI	315.00	NR1				00:00	00:00	00:00	00:00											
	SUB TOTAL						00:00	00:00	00:00	00:00			744.00	315			315.00	315.00	100.00		
12	315MVA ICT-II BHIWADI	315.00	NR1				00:00	00:00	00:00	00:00											
	SUB TOTAL						00:00	00:00	00:00	00:00			744.00	315			315.00	315.00	100.00		

Sr.No.	ELEMENT NAME	Description (Length/Nos./MVA/MVar/ MW/etc.)	Region	Type of failure	OUTAGE	RESTORATION	DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classificatio n/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency		
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS										System constraint/ Natural calamity/ Militancy	Deemed Available
									@ (T)	# (U)										& (C)	* (D)
									Hrs:Min	Hrs:Min										Hrs:Min	Hrs:Min
Z	(E)	(F)	G=E x F	H																	
													Hrs	E	F	G	H				
13	315MVA ICT-III BHIWADI	315.00	NR1					00:00	00:00	00:00	00:00										
SUB TOTAL								00:00	00:00	00:00	00:00		744.00	315		315.00	315.00	100.00			
14	315MVA ICT-I BHIWANI	315.00	NR1					00:00	00:00	00:00	00:00										
SUB TOTAL								00:00	00:00	00:00	00:00		744.00	315		315.00	315.00	100.00			
15	315MVA ICT-II BHIWANI	315.00	NR1					00:00	00:00	00:00	00:00										
SUB TOTAL								00:00	00:00	00:00	00:00		744.00	315		315.00	315.00	100.00			
16	500MVA ICT-I BLBGARH	500.00	NR1		08-12-21 11:49	12-12-21 21:44	105:55	00:00	00:00	00:00	00:00	OSPT	Shutdown for 220 KV side CB replacement work.	N-2303							
SUB TOTAL								105:55	00:00	00:00	00:00		744.00	500		500.00	428.82	85.76			
17	500MVA ICT-II BLBGARH	500.00	NR1	--	27-12-21 10:41	27-12-21 18:06	00:00	00:00	00:00	07:25	07:25	OSPD	S/D by BBMB to attend critical hot points in their Bus at Samaypur (Bay owned by BBMB) end.	N-8191							
SUB TOTAL								00:00	00:00	00:00	07:25		744.00	500		500.00	500.00	100.00			
18	500MVA ICT-III BLBGARH	500.00	NR1		12-12-21 18:45	12-12-21 21:59	03:14	00:00	00:00	00:00	00:00	OMST	Tripped due to failure of DC in annunciation ckt.	***							
					13-12-21 10:38	17-12-21 20:49	106:11	00:00	00:00	00:00	00:00	OSPT	Shutdown for 220 KV side CB replacement works.	N-3857							
SUB TOTAL								109:25	00:00	00:00	00:00		744.00	500		500.00	426.47	85.29			
19	500MVA ICT-IV BLBGARH	500.00	NR1		07-12-21 11:44	07-12-21 15:02	03:18	00:00	00:00	00:00	00:00	OSFT	Forced S/D to attend hotspot of 220KV R-Ph CB terminal connector.	N-1984							
					25-12-21 23:47	26-12-21 01:06	01:19	00:00	00:00	00:00	00:00	SBBT	Tripped on Bus Bar protection operation due to blast of R-ph CB of Mainpuri -2 line Main bay (419) bay at Ballabgarh while opening the line for voltage regulation.	***							
SUB TOTAL								04:37	00:00	00:00	00:00		744.00	500		500.00	496.90	99.38			
20	315MVA ICT-I DEHRADUN	315.00	NR1				00:00	00:00	00:00	00:00	00:00										
SUB TOTAL								00:00	00:00	00:00	00:00		744.00	315		315.00	315.00	100.00			
21	315MVA ICT-II DEHRADUN	315.00	NR1				00:00	00:00	00:00	00:00	00:00										
SUB TOTAL								00:00	00:00	00:00	00:00		744.00	315		315.00	315.00	100.00			
22	315MVA ICT-I GURGAON	315.00	NR1		21-12-21 09:20	21-12-21 21:58	12:38	00:00	00:00	00:00	00:00	OSPT	Shutdown for annual maintenance work.	N-6417							
SUB TOTAL								12:38	00:00	00:00	00:00		744.00	315		315.00	309.65	98.30			
23	315MVA ICT-II GURGAON	315.00	NR1		17-12-21 09:02	17-12-21 20:24	11:22	00:00	00:00	00:00	00:00	OSPT	Shutdown for annual maintenance planned work	N-5113							
								00:00	00:00	00:00	00:00										

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					DATE TIME	DATE TIME	ISTS Licensee	OTHERS	System constraint/ Natural calamity/ Militancy	Deemed Available													
																				@ (T)	# (U)	& (C)	* (D)
																				Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min
Z	(E)	(F)	G=E x F	H																			
													Hrs	E	F	G	H						
								00:00	00:00	00:00	00:00												
	SUB TOTAL							00:00	00:00	00:00	00:00			744.00	315		315.00	315.00	100.00				
35	315MVA ICT-III KANKROLI	315.00	NR1					00:00	00:00	00:00	00:00												
								00:00	00:00	00:00	00:00												
	SUB TOTAL							00:00	00:00	00:00	00:00			744.00	315		315.00	315.00	100.00				
36	315MVA ICT-I KOTA	315.00	NR1					00:00	00:00	00:00	00:00												
								00:00	00:00	00:00	00:00												
	SUB TOTAL							00:00	00:00	00:00	00:00			744.00	315		315.00	315.00	100.00				
37	315MVA ICT-II KOTA	315.00	NR1		22-12-21 00:44	23-12-21 16:14		39:30	00:00	00:00	00:00	SEFT	Tripped due to failure of 220KV side Y-phase CT of ICT.	***									
								00:00	00:00	00:00	00:00												
	SUB TOTAL							39:30	00:00	00:00	00:00			744.00	315		315.00	298.28	94.69				
38	315MVA ICT-I KOTPUTLI	315.00	NR1					00:00	00:00	00:00	00:00												
								00:00	00:00	00:00	00:00												
	SUB TOTAL							00:00	00:00	00:00	00:00			744.00	315		315.00	315.00	100.00				
39	315MVA ICT-II KOTPUTLI	315.00	NR1					00:00	00:00	00:00	00:00												
								00:00	00:00	00:00	00:00												
	SUB TOTAL							00:00	00:00	00:00	00:00			744.00	315		315.00	315.00	100.00				
40	315MVA ICT-I MAHRANIBAG	315.00	NR1					00:00	00:00	00:00	00:00												
								--	00:00	00:00	00:00												
	SUB TOTAL							00:00	00:00	00:00	00:00			744.00	315		315.00	315.00	100.00				
41	315MVA ICT-II MAHRANIBAG	315.00	NR1					00:00	00:00	00:00	00:00												
								00:00	00:00	00:00	00:00												
	SUB TOTAL							00:00	00:00	00:00	00:00			744.00	315		315.00	315.00	100.00				
42	500MVA ICT-III MAHRANIBAG	500.00	NR1					00:00	00:00	00:00	00:00												
								00:00	00:00	00:00	00:00												
	SUB TOTAL							00:00	00:00	00:00	00:00			744.00	500		500.00	500.00	100.00				
43	500MVA ICT-IV MAHRANIBAG	500.00	NR1					00:00	00:00	00:00	00:00												
								00:00	00:00	00:00	00:00												
	SUB TOTAL							00:00	00:00	00:00	00:00			744.00	500		500.00	500.00	100.00				
44	500MVA ICT-I MANDOLA	500.00	NR1		26-12-21 20:42	26-12-21 23:38		00:00	02:56	00:00	00:00	SBBU	Tripped on 220kv DTL owned Bus Bar protn operation due to dese. fault in Bus-I & II caused by failure of their Y-ph CB of 220KV MANDOLA-GOPALPUR-II line which Blasted damaging nearby isolators etc. Further failure of Bus Section CB lead to tripping of all 220kv Bus. Complete protection system and 220kv S/yard-Bus/bays are owned by DTL.	***									

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					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS										System constraint/ Natural calamity/ Militancy	Deemed Available	@ (T)	# (U)	& (C)	* (D)				
																										Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min
																										Z	(E)	(F)	G=E x F
	SUB TOTAL						00:00	00:00	00:00	00:00			744.00	315			315.00	315.00	100.00										
53	500MVA ICT-IV MEERUT	500.00	NR1				00:00	00:00	00:00	00:00																			
	SUB TOTAL						00:00	00:00	00:00	00:00			744.00	500			500.00	500.00	100.00										
54	315MVA ICT-III MUZFRNGR	315.00	NR1				00:00	00:00	00:00	00:00																			
	SUB TOTAL						00:00	00:00	00:00	00:00			744.00	315			315.00	315.00	100.00										
55	500MVA ICT-I NIMRANA	500.00	NR1				00:00	00:00	00:00	00:00																			
	SUB TOTAL						00:00	00:00	00:00	00:00			744.00	500			500.00	500.00	100.00										
56	315MVA ICT-II NIMRANA	315.00	NR1		20-12-21 16:07	20-12-21 18:33	02:26	00:00	00:00	00:00	OSFT	Forced Shutdown to attend faulty OTI meter and oil top up due to low oil level alarm.	N-6179																
	SUB TOTAL						02:26	00:00	00:00	00:00			744.00	315			315.00	313.97	99.67										
57	315MVA ICT-I ROORKI	315.00	NR1		03-12-21 19:46	03-12-21 21:27	01:41	00:00	00:00	00:00	OMST	Tripped during charging of 220kV Bus-II at Roorkee due to relay malfunctioning.	***																
	SUB TOTAL						01:41	00:00	00:00	00:00			744.00	315			315.00	314.29	99.77										
58	315MVA ICT-II ROORKI	315.00	NR1				00:00	00:00	00:00	00:00																			
	SUB TOTAL						00:00	00:00	00:00	00:00			744.00	315			315.00	315.00	100.00										
59	315MVA ICT-I SIKAR	315.00	NR1				00:00	00:00	00:00	00:00																			
	SUB TOTAL						00:00	00:00	00:00	00:00			744.00	315			315.00	315.00	100.00										
60	315MVA ICT-II SIKAR	315.00	NR1		29-12-21 16:41	29-12-21 19:25	02:44	00:00	00:00	00:00	OMST	Tripped on OLTC PRV trip due to operation of Y-phase OSR relay.	***																
	SUB TOTAL						02:44	00:00	00:00	00:00			744.00	315			315.00	313.84	99.63										
61	315MVA ICT-III SIKAR	500.00	NR1				00:00	00:00	00:00	00:00																			
	SUB TOTAL						00:00	00:00	00:00	00:00			744.00	500			500.00	500.00	100.00										
62	315MVA ICT-I SAHARANPUR	315.00	NR1				00:00	00:00	00:00	00:00																			
	SUB TOTAL						00:00	00:00	00:00	00:00			744.00	315			315.00	315.00	100.00										
63	315MVA ICT-II SAHARANPUR	315.00	NR1				00:00	00:00	00:00	00:00																			
	SUB TOTAL						00:00	00:00	00:00	00:00			744.00	315			315.00	315.00	100.00										

Sr.No.	ELEMENT NAME	Description (Length/Nos./MVA/MVAr/ MW/etc.)	Region	Type of failure	OUTAGE	RESTORATION	DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classificatio n/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency		
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS										System constraint/ Natural calamity/ Militancy	Deemed Available
									@ (T)	# (U)										& (C)	* (D)
									Hrs:Min	Hrs:Min										Hrs:Min	Hrs:Min
SUB TOTAL							00:00	00:00	00:00	00:00											
64	315MVA ICT-I SONIPAT	315.00	NR1				00:00	00:00	00:00	00:00											
SUB TOTAL							00:00	00:00	00:00	00:00			744.00	315			315.00	315.00		100.00	
65	315MVA ICT-II SONIPAT	315.00	NR1				00:00	00:00	00:00	00:00											
SUB TOTAL							00:00	00:00	00:00	00:00			744.00	315			315.00	315.00		100.00	
66	500MVA ICT-I TUGHLKBD	500.00	NR1				00:00	00:00	00:00	00:00											
SUB TOTAL							00:00	00:00	00:00	00:00			744.00	500			500.00	500.00		100.00	
67	500MVA ICT-II TUGHLKBD	500.00	NR1				00:00	00:00	00:00	00:00											
SUB TOTAL							00:00	00:00	00:00	00:00			744.00	500			500.00	500.00		100.00	
68	500MVA ICT-III TUGHLKBD	500.00	NR1				00:00	00:00	00:00	00:00											
SUB TOTAL							00:00	00:00	00:00	00:00			744.00	500			500.00	500.00		100.00	
69	500MVA ICT-IV TUGHLKBD	500.00	NR1				00:00	00:00	00:00	00:00											
SUB TOTAL							00:00	00:00	00:00	00:00			744.00	500			500.00	500.00		100.00	
70	500MVA ICT-II BHADLA	500.00	NR1				00:00	00:00	00:00	00:00											
SUB TOTAL							00:00	00:00	00:00	00:00			744.00	500			500.00	500.00		100.00	
71	500MVA ICT-III BHADLA	500.00	NR1				00:00	00:00	00:00	00:00											
SUB TOTAL							00:00	00:00	00:00	00:00			744.00	500			500.00	500.00		100.00	
72	500MVA ICT-I BHADLA	500.00	NR1				00:00	00:00	00:00	00:00											
SUB TOTAL							00:00	00:00	00:00	00:00			744.00	500			500.00	500.00		100.00	
73	500MVA ICT-V BHADLA	500.00	NR1				00:00	00:00	00:00	00:00											
SUB TOTAL							00:00	00:00	00:00	00:00			744.00	500			500.00	500.00		100.00	
74	500MVA ICT-III SAHARANPUR	500.00	NR1				00:00	00:00	00:00	00:00											
SUB TOTAL							00:00	00:00	00:00	00:00			744.00	500			500.00	500.00		100.00	

Sr.No.	ELEMENT NAME	Description (Length/Nos./MVA/MVAr/ MW/etc.)	Region	Type of failure	OUTAGE	RESTORATION	DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classificatio n/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency										
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS										System constraint/ Natural calamity/ Militancy	Deemed Available	@ (T)	# (U)	& (C)	* (D)				
																										Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min
																										Z	(E)	(F)	G=E x F
	SUB TOTAL						00:00	00:00	00:00	00:00				744.00	500		500.00	500.00	100.00										
75	500MVA ICT-I KURUKSHETRA	500.00	NR1				00:00	00:00	00:00	00:00																			
	SUB TOTAL						00:00	00:00	00:00	00:00				744.00	500		500.00	500.00	100.00										
76	500MVA ICT-II KURUKSHETRA	500.00	NR1		09-12-21 12:35	09-12-21 16:16	03:41	00:00	00:00	00:00	SRMT	Tripped on operation of OSR Relay.The R-ph relay found faulty & replaced.	***																
	SUB TOTAL						03:41	00:00	00:00	00:00				744.00	500		500.00	497.52	99.50										
77	500MVA ICT-IV BHADLA	500.00	NR1				00:00	00:00	00:00	00:00																			
	SUB TOTAL						00:00	00:00	00:00	00:00				744.00	500		500.00	500.00	100.00										
78	500MVA ICT-I FATEHGARH_2	500.00	NR1				00:00	00:00	00:00	00:00																			
	SUB TOTAL						00:00	00:00	00:00	00:00				744.00	500		500.00	500.00	100.00										
79	500MVA ICT-II FATEHGARH_2	500.00	NR1				00:00	00:00	00:00	00:00																			
	SUB TOTAL						00:00	00:00	00:00	00:00				744.00	500		500.00	500.00	100.00										
80	500MVA ICT-II BIKANER	500.00	NR1		21-12-21 09:58	21-12-21 11:20	01:22	00:00	00:00	00:00	OMST	Tripped due to 220KV BCU signal maloperation.	***																
	SUB TOTAL						01:22	00:00	00:00	00:00				744.00	500		500.00	499.08	99.82										
81	500MVA ICT-V FATEHGARH_2	500.00	NR1				00:00	00:00	00:00	00:00																			
	SUB TOTAL						00:00	00:00	00:00	00:00				744.00	500		500.00	500.00	100.00										
82	500MVA ICT-VII BHADLA	500.00	NR1				00:00	00:00	00:00	00:00																			
	SUB TOTAL						00:00	00:00	00:00	00:00				744.00	500		500.00	500.00	100.00										
83	500MVA ICT-IV FATEHGARH_2	500.00	NR1				00:00	00:00	00:00	00:00																			
	SUB TOTAL						00:00	00:00	00:00	00:00				744.00	500		500.00	500.00	100.00										
84	500MVA ICT-III SONIPAT	500.00	NR1				00:00	00:00	00:00	00:00																			
	SUB TOTAL						00:00	00:00	00:00	00:00				744.00	500		500.00	500.00	100.00										
85	500MVA ICT-III ROORKI	500.00	NR1				00:00	00:00	00:00	00:00																			
	SUB TOTAL						00:00	00:00	00:00	00:00				744.00	500		500.00	500.00	100.00										

Sr.No.	ELEMENT NAME	Description (Length/Nos./MVA/MVAR/ MW/etc.)	Region	Type of failure	OUTAGE	RESTORATION	DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classificatio n/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency		
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS										System constraint/ Natural calamity/ Militancy	Deemed Available
					@ (T)	# (U)	& (C)	* (D)													
					Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min													
	SUB TOTAL							00:00	00:00	00:00	00:00									100.00	
113	TOTAL FOR ICTs							732:52	13:16	00:00	14:25									99.33	
G	SVC,																				
1	+400/-300MVAR SVC KANKROLI	700.00	NR1		18-12-21 08:59	18-12-21 10:38	01:39	00:00	00:00	00:00	00:00	OMST	Tripped on MV Bus bar differential protn due to fault by a big Bird, found in burnt condition near MV bushing of Y-ph coupling transformer.	***							
	SUB TOTAL							01:39	00:00	00:00	00:00									99.78	
	TOTAL FOR SVC		NR1					01:39	00:00	00:00	00:00									99.78	
H	Bus & Switch Line Reactor																				
1	240MVAR B/Reactor AJMER-765	240.00	NR1					00:00	00:00	00:00	00:00										
	SUB TOTAL							00:00	00:00	00:00	00:00									100.00	
2	125MVAR B/Reactor AJMER	125.00	NR1		02-12-21 11:31	02-12-21 16:42	00:00	00:00	00:00	00:00	05:11	SVRD	Hand tripped on Voltage Regulation. Voltage-400 KV.	N-412							
					17-12-21 09:33	17-12-21 13:21	00:00	00:00	00:00	00:00	03:48	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-5123							
	SUB TOTAL							00:00	00:00	00:00	08:59									100.00	
3	125MVAR B/Reactor-I BAGPAT	50.00	NR1					00:00	00:00	00:00	00:00										
	SUB TOTAL			--				00:00	00:00	00:00	00:00									100.00	
4	50MVAR B/Reactor-I BASSI	50.00	NR1	--	03-12-21 09:42	03-12-21 20:19	00:00	00:00	00:00	00:00	10:37	SVRD	Hand tripped on Voltage Regulation. Voltage-399 KV.	N-739							
					04-12-21 09:52	04-12-21 14:12	00:00	00:00	00:00	00:00	04:20	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-1075							
					05-12-21 10:28	05-12-21 16:37	00:00	00:00	00:00	00:00	06:09	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-1403							
					07-12-21 08:03	07-12-21 17:47	00:00	00:00	00:00	00:00	09:44	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-1900							
					08-12-21 09:37	08-12-21 13:22	00:00	00:00	00:00	00:00	03:45	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-2323							
					09-12-21 09:05	09-12-21 17:28	00:00	00:00	00:00	00:00	08:23	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-2615							
					10-12-21 07:35	10-12-21 21:40	00:00	00:00	00:00	00:00	14:05	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-2934							
					11-12-21 07:56	11-12-21 19:28	00:00	00:00	00:00	00:00	11:32	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-3284							
					12-12-21 07:50	12-12-21 16:48	00:00	00:00	00:00	00:00	08:58	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-3583							
					14-12-21 07:28	15-12-21 16:18	00:00	00:00	00:00	00:00	32:50	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-4084							
					16-12-21 08:53	16-12-21 14:24	00:00	00:00	00:00	00:00	05:31	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-4733							
					17-12-21 09:11	17-12-21 19:28	00:00	00:00	00:00	00:00	10:17	SVRD	Hand tripped on Voltage Regulation. Voltage-760 KV.	N-5109							

Sr.No.	ELEMENT NAME	Description (Length/Nos./MVA/MVar/ MW/etc.)	Region	Type of failure	OUTAGE		RESTORATION		DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classificatio n/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency								
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS	System constraint/ Natural calamity/ Militancy	Deemed Available										@ (T)	# (U)	& (C)	* (D)				
																										Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min
																										Z	(E)	(F)	G=E x F
					18-12-21	08:54	18-12-21	19:16	00:00	00:00	00:00	10:22	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-5404														
					19-12-21	08:14	19-12-21	21:28	00:00	00:00	00:00	13:14	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-5750														
					20-12-21	07:55	22-12-21	02:50	00:00	00:00	00:00	42:55	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-6028														
					22-12-21	11:38	22-12-21	19:02	00:00	00:00	00:00	07:24	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-6786														
					23-12-21	06:52	23-12-21	19:14	00:00	00:00	00:00	12:22	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-6786														
					24-12-21	09:11	24-12-21	19:33	00:00	00:00	00:00	10:22	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-7311														
					25-12-21	09:44	25-12-21	20:11	00:00	00:00	00:00	10:27	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-7591														
					26-12-21	07:48	26-12-21	19:01	00:00	00:00	00:00	11:13	SVRD	Hand tripped on Voltage Regulation. Voltage-394 KV.	N-7824														
					27-12-21	09:27	27-12-21	19:29	00:00	00:00	00:00	10:02	SVRD	Hand tripped on Voltage Regulation. Voltage-394 KV.	N-8147														
					28-12-21	10:37	28-12-21	18:39	00:00	00:00	00:00	08:02	SVRD	Hand tripped on Voltage Regulation. Voltage-394 KV.	N-8568														
					29-12-21	09:44	29-12-21	18:42	00:00	00:00	00:00	08:58	SVRD	Hand tripped on Voltage Regulation. Voltage-394 KV.	N-8920														
					--	31-12-21	09:15	31-12-21	19:22	00:00	00:00	00:00	10:07	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-9574													
	SUB TOTAL				--				00:00	00:00	00:00	281:39				744.00	50		50.00	50.00	100.00								
5	50MVAR B/Reactor-II BASSI	50.00	NR1		--	01-12-21	09:43	01-12-21	13:13	00:00	00:00	00:00	03:30	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-87													
						04-12-21	09:52	04-12-21	14:09	00:00	00:00	00:00	04:17	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-1076													
						05-12-21	10:28	05-12-21	16:35	00:00	00:00	00:00	06:07	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-1404													
						09-12-21	09:04	09-12-21	13:26	00:00	00:00	00:00	04:22	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-2616													
						10-12-21	11:46	10-12-21	18:04	00:00	00:00	00:00	06:18	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-3039													
						11-12-21	09:21	11-12-21	19:01	00:00	00:00	00:00	09:40	SVRD	Hand tripped on Voltage Regulation. Voltage-391 KV.	N-3314													
						13-12-21	08:32	13-12-21	18:43	00:00	00:00	00:00	10:11	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-3811													
						14-12-21	08:18	14-12-21	21:25	00:00	00:00	00:00	13:07	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-4094													
						15-12-21	07:22	15-12-21	16:05	00:00	00:00	00:00	08:43	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-4363													
						16-12-21	09:27	16-12-21	19:51	00:00	00:00	00:00	10:24	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-4735													
						17-12-21	09:37	17-12-21	19:26	00:00	00:00	00:00	09:49	SVRD	Hand tripped on Voltage Regulation. Voltage-760 KV.	N-5110													
						18-12-21	09:16	18-12-21	21:34	00:00	00:00	00:00	12:18	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-5444													
						19-12-21	09:20	19-12-21	21:29	00:00	00:00	00:00	12:09	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-5787													
						20-12-21	09:25	22-12-21	02:48	00:00	00:00	00:00	41:23	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-6077													
						22-12-21	11:42	22-12-21	19:01	00:00	00:00	00:00	07:19	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-6787													
						23-12-21	09:39	23-12-21	19:40	00:00	00:00	00:00	10:01	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-7029													
						24-12-21	09:09	24-12-21	19:32	00:00	00:00	00:00	10:23	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-7312													

Sr.No.	ELEMENT NAME	Description (Length/Nos. /MVA/MVar/ MW/etc.)	Region	Type of failure	OUTAGE	RESTORATION	DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classificatio n/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency											
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS										System constraint/ Natural calamity/ Militancy	Deemed Available	Z	E	F	G=E x F	H				
																											@ (T)	# (U)	& (C)	* (D)
																											Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min
					25-12-21 09:26	25-12-21 20:13	00:00	00:00	00:00	10:47	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-7600																	
					26-12-21 07:47	26-12-21 21:47	00:00	00:00	00:00	14:00	SVRD	Hand tripped on Voltage Regulation. Voltage-394 KV.	N-7825																	
					27-12-21 09:28	27-12-21 21:43	00:00	00:00	00:00	12:15	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-8148																	
				--	28-12-21 10:39	01-01-22 00:00	00:00	00:00	00:00	85:21	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-8569																	
	SUB TOTAL			--			00:00	00:00	00:00	302:24			744.00	50		50.00	50.00	100.00												
6	50MVAR B/Reactor-III BASSI	50.00	NR1	--	09-12-21 09:04	09-12-21 13:27	00:00	00:00	00:00	04:23	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-2627																	
					10-12-21 11:34	10-12-21 13:15	00:00	00:00	00:00	01:41	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-3040																	
					11-12-21 09:12	11-12-21 19:01	00:00	00:00	00:00	09:49	SVRD	Hand tripped on Voltage Regulation. Voltage-391 KV.	N-3315																	
					14-12-21 08:08	14-12-21 21:25	00:00	00:00	00:00	13:17	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-4095																	
					15-12-21 06:52	15-12-21 21:38	00:00	00:00	00:00	14:46	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-4370																	
					16-12-21 08:51	16-12-21 19:51	00:00	00:00	00:00	11:00	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-4736																	
					17-12-21 09:11	17-12-21 19:28	00:00	00:00	00:00	10:17	SVRD	Hand tripped on Voltage Regulation. Voltage-760 KV.	N-5111																	
					18-12-21 09:12	18-12-21 21:34	00:00	00:00	00:00	12:22	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-5445																	
					19-12-21 08:14	20-12-21 01:08	00:00	00:00	00:00	16:54	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-5749																	
					20-12-21 09:14	22-12-21 02:47	00:00	00:00	00:00	41:33	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-6078																	
					23-12-21 09:39	23-12-21 19:14	00:00	00:00	00:00	09:35	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-7030																	
					24-12-21 09:09	24-12-21 19:31	00:00	00:00	00:00	10:22	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-7315																	
					25-12-21 09:26	25-12-21 20:13	00:00	00:00	00:00	10:47	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-7601																	
					26-12-21 07:47	26-12-21 21:49	00:00	00:00	00:00	14:02	SVRD	Hand tripped on Voltage Regulation. Voltage-394 KV.	N-7826																	
					27-12-21 09:28	27-12-21 21:43	00:00	00:00	00:00	12:15	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-8149																	
					28-12-21 10:39	28-12-21 18:55	00:00	00:00	00:00	08:16	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-8570																	
				--	31-12-21 09:16	31-12-21 19:24	00:00	00:00	00:00	10:08	SVRD	Hand tripped on Voltage Regulation. Voltage-394 KV.	N-9575																	
	SUB TOTAL			--			00:00	00:00	00:00	211:27			744.00	50		50.00	50.00	100.00												
				--	01-12-21 09:54	01-12-21 17:16	00:00	00:00	00:00	07:22	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-86																	
					02-12-21 08:19	02-12-21 16:31	00:00	00:00	00:00	08:12	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-370																	
					03-12-21 09:42	03-12-21 16:14	00:00	00:00	00:00	06:32	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-738																	
					04-12-21 08:08	04-12-21 18:54	00:00	00:00	00:00	10:46	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-1048																	
					05-12-21 07:55	05-12-21 16:37	00:00	00:00	00:00	08:42	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-1365																	
					07-12-21 08:02	07-12-21 13:29	00:00	00:00	00:00	05:27	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-1899																	
					08-12-21 09:36	08-12-21 13:22	00:00	00:00	00:00	03:46	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-2322																	

Sr.No.	ELEMENT NAME	Description (Length/Nos./MVA/MVAR/MW/etc.)	Region	Type of failure	OUTAGE	RESTORATION	DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classification/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency			
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS										System constraint/ Natural calamity/ Militancy	Deemed Available	
									@ (T)	# (U)										& (C)	* (D)	
									Hrs:Min	Hrs:Min										Hrs:Min	Hrs:Min	
Z	(E)	(F)	G=E x F	H																		
7	125MVAR B/Reactor-IV BASSI	125.00	NR1		09-12-21 08:36	09-12-21 13:21	00:00	00:00	00:00	04:45	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-2597									
					10-12-21 07:35	10-12-21 18:06	00:00	00:00	00:00	10:31	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-2933									
					11-12-21 07:56	11-12-21 20:16	00:00	00:00	00:00	12:20	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-3283									
					12-12-21 07:50	12-12-21 18:59	00:00	00:00	00:00	11:09	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-3582									
					13-12-21 07:55	13-12-21 15:07	00:00	00:00	00:00	07:12	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-3810									
					14-12-21 07:29	14-12-21 21:00	00:00	00:00	00:00	13:31	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-4085									
					15-12-21 06:26	15-12-21 16:04	00:00	00:00	00:00	09:38	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-4358									
					16-12-21 08:53	16-12-21 14:24	00:00	00:00	00:00	05:31	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-4732									
					17-12-21 08:07	17-12-21 19:28	00:00	00:00	00:00	11:21	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-5037									
					18-12-21 08:54	18-12-21 19:16	00:00	00:00	00:00	10:22	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-5403									
					19-12-21 08:14	20-12-21 01:11	00:00	00:00	00:00	16:57	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-5748									
					20-12-21 07:55	20-12-21 17:11	00:00	00:00	00:00	09:16	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-6027									
					21-12-21 08:48	21-12-21 16:46	00:00	00:00	00:00	07:58	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-6403									
					22-12-21 07:10	22-12-21 19:27	00:00	00:00	00:00	12:17	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-6699									
					23-12-21 06:52	23-12-21 19:17	00:00	00:00	00:00	12:25	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-6966									
					24-12-21 07:27	24-12-21 19:33	00:00	00:00	00:00	12:06	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-7269									
					25-12-21 09:31	25-12-21 20:12	00:00	00:00	00:00	10:41	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-7590									
					26-12-21 07:48	26-12-21 17:29	00:00	00:00	00:00	09:41	SVRD	Hand tripped on Voltage Regulation. Voltage-394 KV.	N-7823									
					27-12-21 09:26	27-12-21 19:29	00:00	00:00	00:00	10:03	SVRD	Hand tripped on Voltage Regulation. Voltage-394 KV.	N-8146									
					28-12-21 09:20	28-12-21 13:13	00:00	00:00	00:00	03:53	SVRD	Hand tripped on Voltage Regulation. Voltage-394 KV.	N-8526									
	29-12-21 09:43	29-12-21 18:42	00:00	00:00	00:00	08:59	SVRD	Hand tripped on Voltage Regulation. Voltage-394 KV.	N-8919													
	30-12-21 07:25	30-12-21 16:46	00:00	00:00	00:00	09:21	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-9180													
	--	31-12-21 07:20	31-12-21 19:21	00:00	00:00	00:00	12:01	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-9505												
SUB TOTAL					--		00:00	00:00	00:00	282:45			744.00	125		125.00	125.00	100.00				
					02-12-21 11:18	02-12-21 21:18	00:00	00:00	00:00	10:00	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-413									
					05-12-21 07:59	05-12-21 21:14	00:00	00:00	00:00	13:15	SVRD	Hand tripped on Voltage Regulation. Voltage-399 KV.	N-1353									
					07-12-21 09:25	07-12-21 19:20	00:00	00:00	00:00	09:55	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-1941									
					08-12-21 09:34	08-12-21 22:18	00:00	00:00	00:00	12:44	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-2327									
					10-12-21 06:55	10-12-21 19:49	00:00	00:00	00:00	12:54	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-2906									
					11-12-21 08:06	11-12-21 19:04	00:00	00:00	00:00	10:58	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-3286									

Sr.No.	ELEMENT NAME	Description (Length/Nos./ MVA/MVar/ MW/etc.)	Region	Type of failure	OUTAGE		RESTORATION		DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classificatio n/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency					
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS	System constraint/ Natural calamity/ Militancy	Deemed Available														
									@ (T)	# (U)	& (C)	* (D)														
					Hrs:Min		Hrs:Min		Hrs:Min		Hrs:Min											Z	E	F	G=E x F	H
					Z		E		F		G=E x F															
Hrs		Hrs		Hrs		Hrs		Z		E		F		G=E x F		H										
8	80MVAR B/Reactor BHINMAL	80.00	NR1	12-12-21	09:46	12-12-21	22:05	00:00	00:00	00:00	12:19	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-3608												
				13-12-21	07:59	13-12-21	16:52	00:00	00:00	00:00	08:53	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-3813												
				14-12-21	07:50	14-12-21	21:25	00:00	00:00	00:00	13:35	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-4090												
				15-12-21	08:14	15-12-21	21:37	00:00	00:00	00:00	13:23	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-4380												
				16-12-21	09:02	16-12-21	20:10	00:00	00:00	00:00	11:08	SVRD	Hand tripped on Voltage Regulation. Voltage-391 KV.	N-4738												
				17-12-21	07:55	17-12-21	20:24	00:00	00:00	00:00	12:29	SVRD	Hand tripped on Voltage Regulation. Voltage-391 KV.	N-5058												
				18-12-21	09:09	18-12-21	19:17	00:00	00:00	00:00	10:08	SVRD	Hand tripped on Voltage Regulation. Voltage-391 KV.	N-5453												
				19-12-21	08:18	19-12-21	21:34	00:00	00:00	00:00	13:16	SVRD	Hand tripped on Voltage Regulation. Voltage-391 KV.	N-5747												
				20-12-21	07:19	20-12-21	17:46	00:00	00:00	00:00	10:27	SVRD	Hand tripped on Voltage Regulation. Voltage-391 KV.	N-6023												
				21-12-21	08:28	21-12-21	19:35	00:00	00:00	00:00	11:07	SVRD	Hand tripped on Voltage Regulation. Voltage-391 KV.	N-6384												
				23-12-21	09:22	23-12-21	19:17	00:00	00:00	00:00	09:55	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-7015												
				24-12-21	07:37	24-12-21	18:36	00:00	00:00	00:00	10:59	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-7254												
				27-12-21	09:41	27-12-21	21:35	00:00	00:00	00:00	11:54	SVRD	Hand tripped on Voltage Regulation. Voltage-392 KV.	N-8197												
				28-12-21	09:21	28-12-21	20:39	00:00	00:00	00:00	11:18	SVRD	Hand tripped on Voltage Regulation. Voltage-392 KV.	N-8529												
				29-12-21	09:45	29-12-21	16:04	00:00	00:00	00:00	06:19	SVRD	Hand tripped on Voltage Regulation. Voltage-392 KV.	N-8921												
								00:00	00:00	00:00	257:46			744.00	80		80.00		80.00	100.00						
9	80MVAR B/Reactor BHIWADI	80.00	NR1	08-12-21	09:11	08-12-21	11:22	00:00	00:00	00:00	02:11	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-2311												
				15-12-21	09:31	15-12-21	15:18	00:00	00:00	00:00	05:47	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-4440												
				16-12-21	09:28	16-12-21	14:20	00:00	00:00	00:00	04:52	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-4760												
				18-12-21	09:09	18-12-21	19:43	00:00	00:00	00:00	10:34	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-5470												
				20-12-21	09:16	20-12-21	20:21	00:00	00:00	00:00	11:05	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-6079												
				21-12-21	08:47	21-12-21	21:56	00:00	00:00	00:00	13:09	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-6408												
				23-12-21	09:30	23-12-21	17:53	00:00	00:00	00:00	08:23	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-7026												
				26-12-21	09:30	26-12-21	17:52	00:00	00:00	00:00	08:22	SVRD	Hand tripped on Voltage Regulation. Voltage-394 KV.	N-7877												
								00:00	00:00	00:00	74:30			744.00	80		80.00		80.00	100.00						
10	240MVAR B/Reactor-I BHIWANI	240.00	NR1					00:00	00:00	00:00	00:00															
								00:00	00:00	00:00	00:00															
								00:00	00:00	00:00	00:00			744.00	240		240.00		240.00	100.00						

Sr.No.	ELEMENT NAME	Description (Length/Nos./MVA/MVAR/ MW/etc.)	Region	Type of failure	OUTAGE	RESTORATION	DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classificatio n/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency		
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS										System constraint/ Natural calamity/ Militancy	Deemed Available
									@ (T)	# (U)										& (C)	* (D)
									Hrs:Min	Hrs:Min										Hrs:Min	Hrs:Min
Z	(E)	(F)	G=E x F	H																	
SUB TOTAL													Hrs	E	F	G	H				
11	240MVAR B/Reactor-II BHIWANI	240.00	NR1				00:00	00:00	00:00	00:00											
SUB TOTAL													744.00	240		240.00	240.00	100.00			
12	80MVAR B/Reactor BLBGARH	80.00	NR1	--	16-12-21	09:35	16-12-21	14:43	00:00	00:00	00:00	05:08	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-4759						
					25-12-21	23:47	26-12-21	01:22	01:35	00:00	00:00	00:00	SBBT	Tripped on Bus Bar protection operation due to blast of R-ph CB of Maimpuri -2 line Main bay (419) bay at Ballabgarh while opening the line for voltage regulation.	***						
SUB TOTAL													744.00	80		80.00	79.83	99.79			
13	125MVAR B/Reactor CHITTORGHRH	125.00	NR1		14-12-21	08:14	14-12-21	21:07	00:00	00:00	00:00	12:53	SVRD	Hand tripped on Voltage Regulation. Voltage-394 KV.	N-4104						
					15-12-21	08:24	15-12-21	14:44	00:00	00:00	00:00	06:20	SVRD	Hand tripped on Voltage Regulation. Voltage-394 KV.	N-4404						
					17-12-21	09:26	17-12-21	13:20	00:00	00:00	00:00	03:54	SVRD	Hand tripped on Voltage Regulation. Voltage-760 KV.	N-5120						
					18-12-21	09:20	18-12-21	15:32	00:00	00:00	00:00	06:12	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-5451						
					21-12-21	10:35	21-12-21	21:44	00:00	00:00	00:00	11:09	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-6443						
					25-12-21	09:32	25-12-21	19:40	00:00	00:00	00:00	10:08	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-7587						
					27-12-21	11:08	27-12-21	21:36	00:00	00:00	00:00	10:28	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-8234						
					28-12-21	10:24	28-12-21	20:41	00:00	00:00	00:00	10:17	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-8565						
					31-12-21	08:15	31-12-21	19:28	00:00	00:00	00:00	11:13	SVRD	Hand tripped on Voltage Regulation. Voltage-397 KV.	N-9522						
SUB TOTAL													744.00	125		125.00	125.00	100.00			
14	240MVAR B/Reactor CHITTORGHRH-765	240.00	NR1	--			00:00	00:00	00:00	00:00											
SUB TOTAL													744.00	240		240.00	240.00	100.00			
15	80MVAR B/Reactor-I DEHRADUN	80.00	NR1	--	15-12-21	09:42	15-12-21	16:21	00:00	00:00	00:00	06:39	SVRD	Hand tripped on Voltage Regulation. Voltage-393 KV.	N-4453						
					23-12-21	09:40	23-12-21	18:02	00:00	00:00	00:00	08:22	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-7035						
SUB TOTAL													744.00	80		80.00	80.00	100.00			
16	50MVAR B/Reactor-I HISAR	50.00	NR1	--	23-12-21	09:42	23-12-21	17:50	00:00	00:00	00:00	08:08	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-7038						
SUB TOTAL													744.00	50		50.00	50.00	100.00			
17	125MVAR B/Reactor-II HISAR	125.00	NR1	--			00:00	00:00	00:00	00:00											
SUB TOTAL													744.00	125		125.00	125.00	100.00			
					01-12-21	10:11	01-12-21	15:55	00:00	00:00	00:00	05:44	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-66						
					02-12-21	11:15	02-12-21	15:25	00:00	00:00	00:00	04:10	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-409						
					03-12-21	10:02	03-12-21	13:22	00:00	00:00	00:00	03:20	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-740						

Sr.No.	ELEMENT NAME	Description (Length/Nos./MVA/MVAR/ MW/etc.)	Region	Type of failure	OUTAGE	RESTORATION	DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classificatio n/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency		
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS										System constraint/ Natural calamity/ Militancy	Deemed Available
									@ (T)	# (U)										& (C)	* (D)
									Hrs:Min	Hrs:Min										Hrs:Min	Hrs:Min
Z	(E)	(F)	G=E x F	H																	
18	125MVAR B/Reactor-I JAIPUR(S)	125.00	NR1		07-12-21 08:21	07-12-21 13:25	00:00	00:00	00:00	05:04	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-1901								
					08-12-21 09:35	08-12-21 13:26	00:00	00:00	00:00	03:51	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-2324								
					09-12-21 11:08	09-12-21 13:36	00:00	00:00	00:00	02:28	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-2694								
					11-12-21 09:18	11-12-21 13:34	00:00	00:00	00:00	04:16	SVRD	Hand tripped on Voltage Regulation. Voltage-394 KV.	N-3316								
					12-12-21 07:55	12-12-21 19:03	00:00	00:00	00:00	11:08	SVRD	Hand tripped on Voltage Regulation. Voltage-394 KV.	N-3584								
					14-12-21 08:04	14-12-21 21:02	00:00	00:00	00:00	12:58	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-4097								
					17-12-21 08:47	19-12-21 00:49	00:00	00:00	00:00	40:02	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-5086								
					19-12-21 10:31	19-12-21 18:46	00:00	00:00	00:00	08:15	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-5822								
					20-12-21 08:00	20-12-21 16:29	00:00	00:00	00:00	08:29	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-6029								
					21-12-21 08:49	21-12-21 16:44	00:00	00:00	00:00	07:55	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-6404								
					22-12-21 07:43	22-12-21 19:01	00:00	00:00	00:00	11:18	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-6700								
					23-12-21 09:37	23-12-21 19:13	00:00	00:00	00:00	09:36	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-7027								
					24-12-21 09:16	24-12-21 19:39	00:00	00:00	00:00	10:23	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-7317								
					25-12-21 09:36	25-12-21 15:31	00:00	00:00	00:00	05:55	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-7606								
					27-12-21 09:46	27-12-21 19:10	00:00	00:00	00:00	09:24	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-8153								
					28-12-21 10:30	28-12-21 18:37	00:00	00:00	00:00	08:07	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-8566								
					29-12-21 09:47	29-12-21 14:33	00:00	00:00	00:00	04:46	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-8922								
	31-12-21 07:53	31-12-21 13:19	00:00	00:00	00:00	05:26	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-9526												
SUB TOTAL					--		00:00	00:00	00:00	182:35			744.00	125		125.00	125.00	100.00			
19	125MVAR B/Reactor-II JAIPUR(S)	125.00	NR1		02-12-21 11:14	02-12-21 15:24	00:00	00:00	00:00	04:10	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-408								
					04-12-21 09:50	04-12-21 14:16	00:00	00:00	00:00	04:26	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-1071								
					07-12-21 09:17	07-12-21 14:17	00:00	00:00	00:00	05:00	SVRD	Hand tripped on Voltage Regulation. Voltage-399 KV.	N-1937								
					08-12-21 09:35	08-12-21 13:24	00:00	00:00	00:00	03:49	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-2325								
					10-12-21 11:47	10-12-21 13:14	00:00	00:00	00:00	01:27	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-3041								
					11-12-21 09:18	11-12-21 13:15	00:00	00:00	00:00	03:57	SVRD	Hand tripped on Voltage Regulation. Voltage-394 KV.	N-3317								
					12-12-21 07:55	12-12-21 16:59	00:00	00:00	00:00	09:04	SVRD	Hand tripped on Voltage Regulation. Voltage-394 KV.	N-3585								
					17-12-21 09:25	17-12-21 19:32	00:00	00:00	00:00	10:07	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-5124								
					18-12-21 09:15	18-12-21 16:28	00:00	00:00	00:00	07:13	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-5424								
					19-12-21 10:32	19-12-21 18:46	00:00	00:00	00:00	08:14	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-5823								
					20-12-21 09:22	20-12-21 15:27	00:00	00:00	00:00	06:05	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-6076								

Sr.No.	ELEMENT NAME	Description (Length/Nos. /MVA/MVAR/ MW/etc.)	Region	Type of failure	OUTAGE	RESTORATION	DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classificatio n/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency		
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS										System constraint/ Natural calamity/ Militancy	Deemed Available
									@ (T)	# (U)										& (C)	* (D)
									Hrs:Min	Hrs:Min										Hrs:Min	Hrs:Min
Z	(E)	(F)	G=E x F	H																	
SUB TOTAL													Hrs	E	F	G	H				
					21-12-21	08:50	21-12-21	16:45	00:00	00:00	00:00	07:55	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-6405						
					22-12-21	08:45	22-12-21	19:00	00:00	00:00	00:00	10:15	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-6717						
					23-12-21	09:38	23-12-21	19:12	00:00	00:00	00:00	09:34	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-7028						
					25-12-21	09:36	25-12-21	19:30	00:00	00:00	00:00	09:54	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-7604						
					28-12-21	10:30	28-12-21	18:38	00:00	00:00	00:00	08:08	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-8567						
					31-12-21	09:29	31-12-21	13:20	00:00	00:00	00:00	03:51	SVRD	Hand tripped on Voltage Regulation. Voltage-399 KV.	N-9585						
				--					00:00	00:00	00:00	113:09				744.00	125		125.00	125.00	100.00
20	240MVAR B/Reactor-I JHATIKALA-765	240.00	NR1		10-12-21	09:24	10-12-21	13:09	00:00	00:00	00:00	03:45	SVRD	Hand tripped on Voltage Regulation. Voltage-750 KV.	N-2984						
					22-12-21	09:32	22-12-21	21:24	00:00	00:00	00:00	11:52	SVRD	Hand tripped on Voltage Regulation. Voltage-760 KV.	N-6758						
					27-12-21	10:26	27-12-21	13:04	00:00	00:00	00:00	02:38	SVRD	Hand tripped on Voltage Regulation. Voltage-755 KV.	N-8194						
									00:00	00:00	00:00	18:15				744.00	240		240.00	240.00	100.00
21	240MVAR B/Reactor-II JHATIKALA-765	240.00	NR1		11-12-21	09:19	11-12-21	12:41	00:00	00:00	00:00	03:22	SVRD	Hand tripped on Voltage Regulation. Voltage-759 KV.	N-3325						
					18-12-21	09:28	18-12-21	12:49	00:00	00:00	00:00	03:21	SVRD	Hand tripped on Voltage Regulation. Voltage-760 KV.	N-5461						
					23-12-21	09:39	23-12-21	13:38	00:00	00:00	00:00	03:59	SVRD	Hand tripped on Voltage Regulation. Voltage-760 KV.	N-7039						
									00:00	00:00	00:00	10:42				744.00	240		240.00	240.00	100.00
22	125MVAR Bus/Reactor JIND	125.00	NR1		09-12-21	09:34	09-12-21	13:33	00:00	00:00	00:00	03:59	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-2648						
									00:00	00:00	00:00	00:00									
									00:00	00:00	00:00	03:59				744.00	125		125.00	125.00	100.00
23	50MVAR B/Reactor-I KANKROLI	50.00	NR1	--	09-12-21	09:15	09-12-21	17:13	00:00	00:00	00:00	07:58	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-2631						
					18-12-21	09:47	18-12-21	21:30	00:00	00:00	00:00	11:43	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-5474						
					19-12-21	08:12	19-12-21	18:31	00:00	00:00	00:00	10:19	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-5763						
					24-12-21	09:07	24-12-21	19:52	00:00	00:00	00:00	10:45	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-7310						
					25-12-21	09:35	26-12-21	21:54	00:00	00:00	00:00	36:19	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-7610						
				--	31-12-21	09:45	31-12-21	17:44	00:00	00:00	00:00	07:59	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-9590						
				--					00:00	00:00	00:00	85:03				744.00	50		50.00	50.00	100.00
24	125MVAR B/Reactor-II KANKROLI	125.00	NR1	--	08-12-21	09:38	10-12-21	22:11	00:00	00:00	00:00	60:33	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-2320						
					12-12-21	09:49	13-12-21	21:48	00:00	00:00	00:00	35:59	SVRD	Hand tripped on Voltage Regulation. Voltage-394 KV.	N-3610						
					18-12-21	09:13	18-12-21	21:30	00:00	00:00	00:00	12:17	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-5417						
					19-12-21	08:23	19-12-21	21:31	00:00	00:00	00:00	13:08	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-5746						
					20-12-21	07:16	24-12-21	18:34	00:00	00:00	00:00	107:18	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-6011						
					25-12-21	09:37	26-12-21	21:57	00:00	00:00	00:00	36:20	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-7609						

Sr.No.	ELEMENT NAME	Description (Length/Nos./MVA/MVAr/ MW/etc.)	Region	Type of failure	OUTAGE		RESTORATION		DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classificatio n/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency									
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS	System constraint/ Natural calamity/ Militancy	Deemed Available										Z	E	F	G=E x F	H				
																											@ (T)	# (U)	& (C)	* (D)
																											Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min
					27-12-21	11:07	27-12-21	21:29	00:00	00:00	00:00	10:22	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-8233															
				--	31-12-21	09:33	31-12-21	17:33	00:00	00:00	00:00	08:00	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-9586															
	SUB TOTAL			--					00:00	00:00	00:00	283:57				744.00	125			125.00	125.00	100.00								
25	80MVAR B/Reactor-I KOTA	80.00	NR1	--	02-12-21	08:17	02-12-21	21:52	00:00	00:00	00:00	13:35	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-384															
					07-12-21	09:31	07-12-21	19:18	00:00	00:00	00:00	09:47	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-1944															
					16-12-21	09:41	16-12-21	20:12	00:00	00:00	00:00	10:31	SVRD	Hand tripped on Voltage Regulation. Voltage-393 KV.	N-4769															
					20-12-21	09:39	21-12-21	20:07	00:00	00:00	00:00	34:28	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-6043															
				--	27-12-21	10:13	27-12-21	21:32	00:00	00:00	00:00	11:19	SVRD	Hand tripped on Voltage Regulation. Voltage-394 KV.	N-8198															
	SUB TOTAL			--					00:00	00:00	00:00	79:40				744.00	80			80.00	80.00	100.00								
26	50MVAR B/Reactor-II KOTA	50.00	NR1	--	16-12-21	09:56	16-12-21	20:30	00:00	00:00	00:00	10:34	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-4776															
					27-12-21	10:14	27-12-21	21:33	00:00	00:00	00:00	11:19	SVRD	Hand tripped on Voltage Regulation. Voltage-394 KV.	N-8199															
	SUB TOTAL			--					00:00	00:00	00:00	21:53				744.00	50			50.00	50.00	100.00								
27	80MVAR B/Reactor-I KOTPUTLI	80.00	NR1	--	01-12-21	09:39	01-12-21	13:11	00:00	00:00	00:00	03:32	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-114															
					02-12-21	08:15	02-12-21	16:35	00:00	00:00	00:00	08:20	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-371															
					04-12-21	07:56	04-12-21	18:55	00:00	00:00	00:00	10:59	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-1034															
					05-12-21	07:57	05-12-21	16:39	00:00	00:00	00:00	08:42	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-1354															
					07-12-21	09:27	07-12-21	17:41	00:00	00:00	00:00	08:14	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-1942															
					08-12-21	07:09	08-12-21	13:49	00:00	00:00	00:00	06:40	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-2251															
					09-12-21	08:38	09-12-21	13:19	00:00	00:00	00:00	04:41	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-2596															
					10-12-21	09:22	10-12-21	16:09	00:00	00:00	00:00	06:47	SVRD	Hand tripped on Voltage Regulation. Voltage-385 KV.	N-2962															
					11-12-21	08:01	11-12-21	16:22	00:00	00:00	00:00	08:21	SVRD	Hand tripped on Voltage Regulation. Voltage-385 KV.	N-3285															
					12-12-21	07:44	12-12-21	16:43	00:00	00:00	00:00	08:59	SVRD	Hand tripped on Voltage Regulation. Voltage-385 KV.	N-3586															
					14-12-21	08:02	14-12-21	20:59	00:00	00:00	00:00	12:57	SVRD	Hand tripped on Voltage Regulation. Voltage-390 KV.	N-4096															
					15-12-21	07:39	15-12-21	16:42	00:00	00:00	00:00	09:03	SVRD	Hand tripped on Voltage Regulation. Voltage-391 KV.	N-4398															
					16-12-21	08:50	16-12-21	14:32	00:00	00:00	00:00	05:42	SVRD	Hand tripped on Voltage Regulation. Voltage-389 KV.	N-4734															
					17-12-21	08:09	17-12-21	19:22	00:00	00:00	00:00	11:13	SVRD	Hand tripped on Voltage Regulation. Voltage-389 KV.	N-5036															
					18-12-21	08:51	18-12-21	19:18	00:00	00:00	00:00	10:27	SVRD	Hand tripped on Voltage Regulation. Voltage-389 KV.	N-5396															
					20-12-21	07:16	20-12-21	19:54	00:00	00:00	00:00	12:38	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-6022															
					21-12-21	08:46	21-12-21	19:38	00:00	00:00	00:00	10:52	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-6402															
					22-12-21	07:08	22-12-21	19:03	00:00	00:00	00:00	11:55	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-6698															
					23-12-21	06:56	23-12-21	19:43	00:00	00:00	00:00	12:47	SVRD	Hand tripped on Voltage Regulation. Voltage-397 KV.	N-6972															

Sr.No.	ELEMENT NAME	Description (Length/Nos./MVA/MVAR/ MW/etc.)	Region	Type of failure	OUTAGE		RESTORATION		DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classification/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency					
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS	System constraint/ Natural calamity/ Militancy	Deemed Available														
																							@ (T)	# (U)	& (C)	* (D)
																							Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min
Z	(E)	(F)	G=E x F	H																						
																Hrs	E	F	G	H						
32	240MVAR B/Reactor-1 MEERUT-765	240.00	NR1		16-12-21	09:01	16-12-21	14:05	00:00	00:00	00:00	05:04	SVRD	Hand tripped on Voltage Regulation. Voltage-757 KV.	N-4739											
					17-12-21	09:29	17-12-21	17:14	00:00	00:00	00:00	07:45	SVRD	Hand tripped on Voltage Regulation. Voltage-757 KV.	N-5127											
					18-12-21	09:40	18-12-21	12:50	00:00	00:00	00:00	03:10	SVRD	Hand tripped on Voltage Regulation. Voltage-757 KV.	N-5484											
					19-12-21	09:25	19-12-21	13:01	00:00	00:00	00:00	03:36	SVRD	Hand tripped on Voltage Regulation. Voltage-757 KV.	N-5814											
					20-12-21	08:24	20-12-21	20:30	00:00	00:00	00:00	12:06	SVRD	Hand tripped on Voltage Regulation. Voltage-757 KV.	N-6053											
					21-12-21	11:24	21-12-21	21:29	00:00	00:00	00:00	10:05	SVRD	Hand tripped on Voltage Regulation. Voltage-757 KV.	N-6455											
					22-12-21	09:21	22-12-21	21:01	00:00	00:00	00:00	11:40	SVRD	Hand tripped on Voltage Regulation. Voltage-757 KV.	N-6741											
					23-12-21	10:23	23-12-21	13:19	00:00	00:00	00:00	02:56	SVRD	Hand tripped on Voltage Regulation. Voltage-757 KV.	N-7057											
					24-12-21	09:21	24-12-21	17:08	00:00	00:00	00:00	07:47	SVRD	Hand tripped on Voltage Regulation. Voltage-755 KV.	N-7319											
					25-12-21	09:26	25-12-21	13:21	00:00	00:00	00:00	03:55	SVRD	Hand tripped on Voltage Regulation. Voltage-755 KV.	N-7614											
					26-12-21	09:10	26-12-21	13:09	00:00	00:00	00:00	03:59	SVRD	Hand tripped on Voltage Regulation. Voltage-755 KV.	N-7865											
					27-12-21	09:21	27-12-21	13:30	00:00	00:00	00:00	04:09	SVRD	Hand tripped on Voltage Regulation. Voltage-755 KV.	N-8179											
					28-12-21	09:16	28-12-21	17:05	00:00	00:00	00:00	07:49	SVRD	Hand tripped on Voltage Regulation. Voltage-755 KV.	N-8519											
	31-12-21	09:35	31-12-21	13:18	00:00	00:00	00:00	03:43	SVRD	Hand tripped on Voltage Regulation. Voltage-399 KV.	N-9587															
SUB TOTAL					--				00:00	00:00	00:00	144:41			744.00	240		240.00	240.00	100.00						
33	50MVAR B/Reactor MURADNGR	50.00	NR1		--				00:00	00:00	00:00	00:00														
								00:00	00:00	00:00	00:00															
SUB TOTAL					--				00:00	00:00	00:00	00:00			744.00	50		50.00	50.00	100.00						
34	80MVAR B/Reactor NIMRANA	80.00	NR1		--	02-12-21	08:21	02-12-21	16:26	00:00	00:00	00:00	08:05	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-369										
						07-12-21	09:35	07-12-21	13:28	00:00	00:00	00:00	03:53	SVRD	Hand tripped on Voltage Regulation. Voltage-397 KV.	N-1945										
						08-12-21	09:31	08-12-21	13:32	00:00	00:00	00:00	04:01	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-2313										
						09-12-21	09:13	09-12-21	13:23	00:00	00:00	00:00	04:10	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-2613										
						15-12-21	09:34	15-12-21	16:17	00:00	00:00	00:00	06:43	SVRD	Hand tripped on Voltage Regulation. Voltage-394 KV.	N-4439										
						16-12-21	09:25	16-12-21	14:07	00:00	00:00	00:00	04:42	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-4762										
						18-12-21	09:25	18-12-21	18:57	00:00	00:00	00:00	09:32	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-5471										
						26-12-21	07:55	26-12-21	19:02	00:00	00:00	00:00	11:07	SVRD	Hand tripped on Voltage Regulation. Voltage-394 KV.	N-7827										
						27-12-21	10:15	27-12-21	21:41	00:00	00:00	00:00	11:26	SVRD	Hand tripped on Voltage Regulation. Voltage-394 KV.	N-8150										
						29-12-21	09:47	29-12-21	14:34	00:00	00:00	00:00	04:47	SVRD	Hand tripped on Voltage Regulation. Voltage-394 KV.	N-8924										
						31-12-21	09:27	31-12-21	17:32	00:00	00:00	00:00	08:05	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-9582										
SUB TOTAL					--				00:00	00:00	00:00	76:31			744.00	80		80.00	80.00	100.00						
35	240MVAR B/Reactor-1 PHAGI (PR)-765	240.00	NR1	--	07-12-21	11:53	08-12-21	20:31	32:38	00:00	00:00	00:00	OSFT	Forced Shutdown to attend heavy oil leakage from PRV in Reactor.	N-2021											

Sr.No.	ELEMENT NAME	Description (Length/No. /MVA/MVAR/ MW/etc.)	Region	Type of failure	OUTAGE	RESTORATION	DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classification/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency							
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS										System constraint/ Natural calamity/ Militancy & (C)	Deemed Available	* (D)				
																							@ (T)	# (U)	& (C)	* (D)
																							Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min
							00:00	00:00	00:00	00:00																
	SUB TOTAL			--			32:38	00:00	00:00	00:00			744.00	240			240.00	229.47	95.61							
36	125MVAR B/Reactor-I RATANGARH(RJ)	125.00	NR1				00:00	00:00	00:00	00:00																
	SUB TOTAL						00:00	00:00	00:00	00:00			744.00	125			125.00	125.00	100.00							
37	125MVAR B/Reactor ROORKI	125.00	NR1	--	10-12-21 09:27	10-12-21 13:43	00:00	00:00	00:00	04:16	SVRD	Hand tripped on Voltage Regulation. Voltage-390 KV.	N-2977													
					15-12-21 10:24	15-12-21 16:25	00:00	00:00	00:00	06:01	SVRD	Hand tripped on Voltage Regulation. Voltage-393 KV.	N-4464													
					17-12-21 09:24	17-12-21 20:19	00:00	00:00	00:00	10:55	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-5122													
	SUB TOTAL			--			00:00	00:00	00:00	21:12			744.00	125			125.00	125.00	100.00							
38	80MVAR B/Reactor SIKAR	80.00	NR1		25-12-21 09:02	25-12-21 13:34	00:00	00:00	00:00	04:32	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-7607													
							00:00	00:00	00:00	00:00																
	SUB TOTAL						00:00	00:00	00:00	04:32			744.00	80			80.00	80.00	100.00							
39	125MVAR B/Reactor-I SONIPAT	125.00	NR1				00:00	00:00	00:00	00:00																
							00:00	00:00	00:00	00:00																
	SUB TOTAL						00:00	00:00	00:00	00:00			744.00	125			125.00	125.00	100.00							
40	125MVAR B/Reactor-II SONIPAT	125.00	NR1		09-12-21 09:33	09-12-21 13:31	00:00	00:00	00:00	03:58	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-2646													
							00:00	00:00	00:00	00:00																
	SUB TOTAL						00:00	00:00	00:00	03:58			744.00	125			125.00	125.00	100.00							
41	50MVAR B/Reactor-I SAHARANPUR	125.00	NR1		23-12-21 09:42	23-12-21 21:33	00:00	00:00	00:00	11:51	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-7036													
							00:00	00:00	00:00	00:00																
	SUB TOTAL						00:00	00:00	00:00	11:51			744.00	125			50.00	50.00	100.00							
42	50MVAR B/Reactor-II SAHARANPUR	125.00	NR1		23-12-21 09:42	23-12-21 21:33	00:00	00:00	00:00	11:51	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-7037													
							00:00	00:00	00:00	00:00																
	SUB TOTAL						00:00	00:00	00:00	11:51			744.00	125			50.00	50.00	100.00							
43	125MVAR B/Reactor TUGHLKBD	125.00	NR1				00:00	00:00	00:00	00:00																
							00:00	00:00	00:00	00:00																
	SUB TOTAL						00:00	00:00	00:00	00:00			744.00	125			125.00	125.00	100.00							
					02-12-21 11:13	02-12-21 16:43	00:00	00:00	00:00	05:30	SVRD	Hand tripped on Voltage Regulation. Voltage-397 KV.	N-404													
					04-12-21 08:12	04-12-21 14:16	00:00	00:00	00:00	06:04	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-1045													
					05-12-21 07:53	05-12-21 16:43	00:00	00:00	00:00	08:50	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-1361													
					08-12-21 05:38	08-12-21 16:38	00:00	00:00	00:00	11:00	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-2230													
					09-12-21 09:21	09-12-21 17:34	00:00	00:00	00:00	08:13	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-2620													

Sr.No.	ELEMENT NAME	Description (Length/Nos. /MVA/MVAR/ MW/etc.)	Region	Type of failure	OUTAGE	RESTORATION	DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classificatio n/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency							
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS										System constraint/ Natural calamity/ Militancy	Deemed Available	Z				
																							@ (T)	# (U)	& (C)	* (D)
																							Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min
Z	(E)	(F)	G=E x F	H																						
44	125MVAR B/Reactor BHADLA	125.00	NR1		10-12-21 09:26	10-12-21 16:21	00:00	00:00	00:00	06:55	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-2995													
					15-12-21 08:26	15-12-21 16:32	00:00	00:00	00:00	08:06	SVRD	Hand tripped on Voltage Regulation. Voltage-393 KV.	N-4405													
					16-12-21 08:45	16-12-21 21:40	00:00	00:00	00:00	12:55	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-4696													
					17-12-21 08:20	17-12-21 13:28	00:00	00:00	00:00	05:08	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-5084													
					18-12-21 08:56	18-12-21 16:52	00:00	00:00	00:00	07:56	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-5455													
					19-12-21 09:31	19-12-21 21:28	00:00	00:00	00:00	11:57	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-5812													
					21-12-21 10:24	21-12-21 17:23	00:00	00:00	00:00	06:59	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-6441													
					22-12-21 07:45	22-12-21 15:33	00:00	00:00	00:00	07:48	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-6704													
					24-12-21 08:13	24-12-21 18:45	00:00	00:00	00:00	10:32	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-7288													
					25-12-21 09:44	25-12-21 15:47	00:00	00:00	00:00	06:03	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-7597													
					28-12-21 09:13	29-12-21 16:55	00:00	00:00	00:00	31:42	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-8518													
					30-12-21 05:40	30-12-21 17:00	00:00	00:00	00:00	11:20	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-9151													
	31-12-21 08:13	31-12-21 13:32	00:00	00:00	00:00	05:19	SVRD	Hand tripped on Voltage Regulation. Voltage-394 KV.	N-9523																	
SUB TOTAL							00:00	00:00	00:00	172:17			744.00	125		125.00	125.00	100.00								
45	330MVAR B/Reactor-1 BIKANER-765	330.00	NR1		05-12-21 11:04	05-12-21 13:23	00:00	00:00	00:00	02:19	SVRD	Hand tripped on Voltage Regulation. Voltage-758 KV.	N-1408													
					06-12-21 10:24	06-12-21 13:17	00:00	00:00	00:00	02:53	SVRD	Hand tripped on Voltage Regulation. Voltage-755 KV.	N-1631													
					09-12-21 11:46	09-12-21 12:53	00:00	00:00	00:00	01:07	SVRD	Hand tripped on Voltage Regulation. Voltage-755 KV.	N-2693													
					14-12-21 08:28	14-12-21 13:33	00:00	00:00	00:00	05:05	SVRD	Hand tripped on Voltage Regulation. Voltage-768 KV.	N-4106													
					16-12-21 10:07	16-12-21 14:10	00:00	00:00	00:00	04:03	SVRD	Hand tripped on Voltage Regulation. Voltage-760 KV.	N-4782													
					17-12-21 09:13	17-12-21 15:20	00:00	00:00	00:00	06:07	SVRD	Hand tripped on Voltage Regulation. Voltage-760 KV.	N-5107													
					19-12-21 09:37	19-12-21 13:31	00:00	00:00	00:00	03:54	SVRD	Hand tripped on Voltage Regulation. Voltage-760 KV.	N-5813													
					20-12-21 09:18	20-12-21 13:08	00:00	00:00	00:00	03:50	SVRD	Hand tripped on Voltage Regulation. Voltage-760 KV.	N-6084													
					21-12-21 10:27	21-12-21 13:12	00:00	00:00	00:00	02:45	SVRD	Hand tripped on Voltage Regulation. Voltage-760 KV.	N-6445													
SUB TOTAL							00:00	00:00	00:00	32:03			744.00	330		330.00	330.00	100.00								
46	125MVAR B/Reactor-1 BIKANER	125.00	NR1		01-12-21 08:26	01-12-21 12:36	00:00	00:00	00:00	04:10	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-39													
					02-12-21 11:18	02-12-21 13:31	00:00	00:00	00:00	02:13	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-405													
					04-12-21 08:15	04-12-21 22:00	00:00	00:00	00:00	13:45	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-1046													
					05-12-21 07:50	18-12-21 13:50	00:00	00:00	00:00	318:00	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-1363													
					21-12-21 10:27	21-12-21 16:44	00:00	00:00	00:00	06:17	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-6442													
					22-12-21 08:47	23-12-21 21:33	00:00	00:00	00:00	36:46	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-6719													

Sr.No.	ELEMENT NAME	Description (Length/Nos./MVA/MVAR/ MW/etc.)	Region	Type of failure	OUTAGE	RESTORATION	DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classificatio n/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency		
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS										System constraint/ Natural calamity/ Militancy	Deemed Available
									@ (T)	# (U)										& (C)	* (D)
									Hrs:Min	Hrs:Min										Hrs:Min	Hrs:Min
Z	(E)	(F)	G=E x F	H																	
					24-12-21 08:30	24-12-21 19:48	00:00	00:00	00:00	11:18	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-7298								
					25-12-21 09:37	25-12-21 15:58	00:00	00:00	00:00	06:21	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-7599								
					29-12-21 11:27	29-12-21 16:12	00:00	00:00	00:00	04:45	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-8954								
	SUB TOTAL						00:00	00:00	00:00	403:35				744.00	125		125.00	125.00	100.00		
47	240MVAR B/Reactor-1 BHADLA-765	240.00	NR1		01-12-21 08:23	01-12-21 15:32	00:00	00:00	00:00	07:09	SVRD	Hand tripped on Voltage Regulation. Voltage-755 KV.	N-43								
					02-12-21 11:12	02-12-21 15:17	00:00	00:00	00:00	04:05	SVRD	Hand tripped on Voltage Regulation. Voltage-755 KV.	N-414								
					03-12-21 08:52	03-12-21 16:16	00:00	00:00	00:00	07:24	SVRD	Hand tripped on Voltage Regulation. Voltage-755 KV.	N-715								
					04-12-21 09:20	04-12-21 13:17	00:00	00:00	00:00	03:57	SVRD	Hand tripped on Voltage Regulation. Voltage-758 KV.	N-1080								
					06-12-21 09:18	06-12-21 15:48	00:00	00:00	00:00	06:30	SVRD	Hand tripped on Voltage Regulation. Voltage-758 KV.	N-1583								
					07-12-21 10:02	07-12-21 13:20	00:00	00:00	00:00	03:18	SVRD	Hand tripped on Voltage Regulation. Voltage-758 KV.	N-1966								
					08-12-21 09:24	08-12-21 16:35	00:00	00:00	00:00	07:11	SVRD	Hand tripped on Voltage Regulation. Voltage-758 KV.	N-2294								
					09-12-21 09:24	09-12-21 13:56	00:00	00:00	00:00	04:32	SVRD	Hand tripped on Voltage Regulation. Voltage-758 KV.	N-2628								
					10-12-21 08:01	10-12-21 13:23	00:00	00:00	00:00	05:22	SVRD	Hand tripped on Voltage Regulation. Voltage-758 KV.	N-2941								
					11-12-21 09:08	11-12-21 13:31	00:00	00:00	00:00	04:23	SVRD	Hand tripped on Voltage Regulation. Voltage-758 KV.	N-3308								
					12-12-21 09:32	12-12-21 13:18	00:00	00:00	00:00	03:46	SVRD	Hand tripped on Voltage Regulation. Voltage-758 KV.	N-3600								
					13-12-21 08:15	13-12-21 15:06	00:00	00:00	00:00	06:51	SVRD	Hand tripped on Voltage Regulation. Voltage-760 KV.	N-3825								
					14-12-21 08:25	14-12-21 13:12	00:00	00:00	00:00	04:47	SVRD	Hand tripped on Voltage Regulation. Voltage-767 KV.	N-4105								
					16-12-21 09:36	16-12-21 16:17	00:00	00:00	00:00	06:41	SVRD	Hand tripped on Voltage Regulation. Voltage-760 KV.	N-4766								
					17-12-21 08:19	17-12-21 16:15	00:00	00:00	00:00	07:56	SVRD	Hand tripped on Voltage Regulation. Voltage-760 KV.	N-5080								
					18-12-21 08:56	18-12-21 16:09	00:00	00:00	00:00	07:13	SVRD	Hand tripped on Voltage Regulation. Voltage-760 KV.	N-5435								
					19-12-21 09:10	19-12-21 14:09	00:00	00:00	00:00	04:59	SVRD	Hand tripped on Voltage Regulation. Voltage-760 KV.	N-5803								
					20-12-21 08:26	20-12-21 15:42	00:00	00:00	00:00	07:16	SVRD	Hand tripped on Voltage Regulation. Voltage-760 KV.	N-6048								
					21-12-21 08:11	21-12-21 15:50	00:00	00:00	00:00	07:39	SVRD	Hand tripped on Voltage Regulation. Voltage-760 KV.	N-6374								
					22-12-21 09:23	22-12-21 15:08	00:00	00:00	00:00	05:45	SVRD	Hand tripped on Voltage Regulation. Voltage-760 KV.	N-6740								
					24-12-21 08:21	24-12-21 16:17	00:00	00:00	00:00	07:56	SVRD	Hand tripped on Voltage Regulation. Voltage-755 KV.	N-7295								
					25-12-21 08:20	25-12-21 13:23	00:00	00:00	00:00	05:03	SVRD	Hand tripped on Voltage Regulation. Voltage-755 KV.	N-7567								
					26-12-21 07:45	26-12-21 13:09	00:00	00:00	00:00	05:24	SVRD	Hand tripped on Voltage Regulation. Voltage-755 KV.	N-7792								
					27-12-21 09:38	27-12-21 16:12	00:00	00:00	00:00	06:34	SVRD	Hand tripped on Voltage Regulation. Voltage-755 KV.	N-8141								
					28-12-21 09:02	28-12-21 13:08	00:00	00:00	00:00	04:06	SVRD	Hand tripped on Voltage Regulation. Voltage-755 KV.	N-8523								
					29-12-21 08:09	29-12-21 15:54	00:00	00:00	00:00	07:45	SVRD	Hand tripped on Voltage Regulation. Voltage-755 KV.	N-8883								

Sr.No.	ELEMENT NAME	Description (Length/Nos./MVA/MVar/ MW/etc.)	Region	Type of failure	OUTAGE		RESTORATION		DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classificatio n/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency									
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS	System constraint/ Natural calamity/ Militancy	Deemed Available										Z	E	F	G=E x F	H				
																											@ (T)	# (U)	& (C)	* (D)
																											Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min
					30-12-21	09:33	30-12-21	16:36	00:00	00:00	00:00	07:03	SVRD	Hand tripped on Voltage Regulation. Voltage-755 KV.	N-9254															
					31-12-21	09:10	31-12-21	12:42	00:00	00:00	00:00	03:32	SVRD	Hand tripped on Voltage Regulation. Voltage-755 KV.	N-9577															
	SUB TOTAL								00:00	00:00	00:00	164:07				744.00	240		240.00	240.00	100.00									
48	240MVAR B/Reactor KOTESHWR-765	240.00	NR1		13-12-21	10:22	13-12-21	13:07	00:00	00:00	00:00	02:45	SVRD	Hand tripped on Voltage Regulation. Voltage-748 KV.	N-3864															
					14-12-21	09:53	14-12-21	12:59	00:00	00:00	00:00	03:06	SVRD	Hand tripped on Voltage Regulation. Voltage-757 KV.	N-4149															
	SUB TOTAL								00:00	00:00	00:00	05:51				744.00	240		240.00	240.00	100.00									
49	125MVAR B/Reactor-I BHADLA_2	125.00	NR1		01-12-21	00:00	10-12-21	22:03	00:00	00:00	00:00	238:03	SVRD	Hand tripped on Voltage Regulation. Voltage-397 KV.	N-6175															
					15-12-21	07:56	15-12-21	16:22	00:00	00:00	00:00	08:26	SVRD	Hand tripped on Voltage Regulation. Voltage-391 KV.	N-4406															
					16-12-21	09:33	16-12-21	16:17	00:00	00:00	00:00	06:44	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-4765															
					17-12-21	08:35	17-12-21	13:16	00:00	00:00	00:00	04:41	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-5094															
					19-12-21	09:12	19-12-21	21:19	00:00	00:00	00:00	12:07	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-5811															
					22-12-21	08:53	24-12-21	18:46	00:00	00:00	00:00	57:53	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-6718															
					25-12-21	09:08	01-01-22	00:00	00:00	00:00	00:00	158:52	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-7598															
									00:00	00:00	00:00	486:46				744.00	125		125.00	125.00	100.00									
50	240MVAR B/Reactor-I BHADLA_2-765	240.00	NR1		03-12-21	09:28	03-12-21	13:06	00:00	00:00	00:00	03:38	SVRD	Hand tripped on Voltage Regulation. Voltage-743 KV.	N-742															
					09-12-21	11:02	09-12-21	13:07	00:00	00:00	00:00	02:05	SVRD	Hand tripped on Voltage Regulation. Voltage-755 KV.	N-2701															
					10-12-21	11:11	10-12-21	16:05	00:00	00:00	00:00	04:54	SVRD	Hand tripped on Voltage Regulation. Voltage-755 KV.	N-3034															
					11-12-21	09:22	12-12-21	16:17	00:00	00:00	00:00	30:55	SVRD	Hand tripped on Voltage Regulation. Voltage-755 KV.	N-3334															
					17-12-21	09:13	17-12-21	13:17	00:00	00:00	00:00	04:04	SVRD	Hand tripped on Voltage Regulation. Voltage-760 KV.	N-5013															
					18-12-21	11:05	18-12-21	14:59	00:00	00:00	00:00	03:54	SVRD	Hand tripped on Voltage Regulation. Voltage-760 KV.	N-5513															
					19-12-21	10:28	19-12-21	13:00	00:00	00:00	00:00	02:32	SVRD	Hand tripped on Voltage Regulation. Voltage-760 KV.	N-5824															
					20-12-21	10:18	21-12-21	16:43	00:00	00:00	00:00	30:25	SVRD	Hand tripped on Voltage Regulation. Voltage-760 KV.	N-6092															
					22-12-21	08:54	22-12-21	15:25	00:00	00:00	00:00	06:31	SVRD	Hand tripped on Voltage Regulation. Voltage-760 KV.	N-6727															
					26-12-21	07:51	26-12-21	13:10	00:00	00:00	00:00	05:19	SVRD	Hand tripped on Voltage Regulation. Voltage-755 KV.	N-7792															
					27-12-21	12:27	27-12-21	16:18	00:00	00:00	00:00	03:51	SVRD	Hand tripped on Voltage Regulation. Voltage-755 KV.	N-8256															
									00:00	00:00	00:00	98:08				744.00	240		240.00	240.00	100.00									
51	240MVAR B/Reactor-II BHADLA_2-765	240.00	NR1		09-12-21	11:48	09-12-21	12:50	00:00	00:00	00:00	01:02	SVRD	Hand tripped on Voltage Regulation. Voltage-755 KV.	N-2692															
					11-12-21	10:29	11-12-21	13:08	00:00	00:00	00:00	02:39	SVRD	Hand tripped on Voltage Regulation. Voltage-390 KV.	N-3349															
					12-12-21	11:13	12-12-21	16:17	00:00	00:00	00:00	05:04	SVRD	Hand tripped on Voltage Regulation. Voltage-390 KV.	N-3625															
					18-12-21	09:57	18-12-21	15:49	00:00	00:00	00:00	05:52	SVRD	Hand tripped on Voltage Regulation. Voltage-757 KV.	N-5492															
					19-12-21	10:50	19-12-21	13:51	00:00	00:00	00:00	03:01	SVRD	Hand tripped on Voltage Regulation. Voltage-757 KV.	N-5825															

Sr.No.	ELEMENT NAME	Description (Length/Nos./MVA/MVAR/ MW/etc.)	Region	Type of failure	OUTAGE		RESTORATION		DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classification/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency									
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS	System constraint/ Natural calamity/ Militancy	Deemed Available										Z	E	F	G=E x F	H				
																											@ (T)	# (U)	& (C)	* (D)
																											Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min
					20-12-21	10:33	20-12-21	13:10	00:00	00:00	00:00	02:37	SVRD	Hand tripped on Voltage Regulation. Voltage-757 KV.	N-6124															
					21-12-21	10:28	21-12-21	13:35	00:00	00:00	00:00	03:07	SVRD	Hand tripped on Voltage Regulation. Voltage-757 KV.	N-6444															
					25-12-21	09:09	25-12-21	15:00	00:00	00:00	00:00	05:51	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-7616															
					29-12-21	11:16	29-12-21	15:15	00:00	00:00	00:00	03:59	SVRD	Hand tripped on Voltage Regulation. Voltage-755 KV.	N-8955															
									00:00	00:00	00:00	33:12				744.00	240		240.00	240.00	100.00									
52	125MVAR B/Reactor-I FATEHGARH_2	125.00	NR1		01-12-21	00:00	01-12-21	16:07	00:00	00:00	00:00	16:07	SVRD	Hand tripped on Voltage Regulation. Voltage-397 KV.	N-7034															
					01-12-21	07:31	01-12-21	21:38	00:00	00:00	00:00	14:07	SVRD	Hand tripped on Voltage Regulation. Voltage-391 KV.	N-36															
					02-12-21	09:04	02-12-21	23:13	00:00	00:00	00:00	14:09	SVRD	Hand tripped on Voltage Regulation. Voltage-391 KV.	N-403															
					03-12-21	09:30	03-12-21	16:10	00:00	00:00	00:00	06:40	SVRD	Hand tripped on Voltage Regulation. Voltage-391 KV.	N-741															
					04-12-21	08:15	07-12-21	17:28	00:00	00:00	00:00	81:13	SVRD	Hand tripped on Voltage Regulation. Voltage-391 KV.	N-1044															
					08-12-21	07:35	01-01-22	00:00	00:00	00:00	00:00	568:25	SVRD	Hand tripped on Voltage Regulation. Voltage-391 KV.	N-2269															
									00:00	00:00	00:00	700:41				744.00	125		125.00	125.00	100.00									
53	125MVAR B/Reactor-II SIKAR	125.00	NR1		02-12-21	08:23	02-12-21	16:26	00:00	00:00	00:00	08:03	SVRD	Hand tripped on Voltage Regulation. Voltage-400 KV.	N-368															
					03-12-21	08:38	03-12-21	15:22	00:00	00:00	00:00	06:44	SVRD	Hand tripped on Voltage Regulation. Voltage-399 KV.	N-710															
					05-12-21	08:14	05-12-21	16:48	00:00	00:00	00:00	08:34	SVRD	Hand tripped on Voltage Regulation. Voltage-400 KV.	N-1370															
					07-12-21	09:23	07-12-21	13:12	00:00	00:00	00:00	03:49	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-1940															
					08-12-21	09:40	08-12-21	13:27	00:00	00:00	00:00	03:47	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-2326															
					10-12-21	09:17	10-12-21	16:12	00:00	00:00	00:00	06:55	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-2958															
					13-12-21	10:33	13-12-21	18:30	07:57	00:00	00:00	00:00	OSPT	Shutdown for final commissioning of CSD.	N-1830															
					16-12-21	09:27	16-12-21	16:25	00:00	00:00	00:00	06:58	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-4761															
					19-12-21	09:51	19-12-21	18:29	00:00	00:00	00:00	08:38	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-5788															
					23-12-21	10:21	23-12-21	17:57	00:00	00:00	00:00	07:36	SVRD	Hand tripped on Voltage Regulation. Voltage-398 KV.	N-7060															
					24-12-21	09:13	26-12-21	21:46	00:00	00:00	00:00	60:33	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-7314															
					27-12-21	09:50	27-12-21	21:39	00:00	00:00	00:00	11:49	SVRD	Hand tripped on Voltage Regulation. Voltage-394 KV.	N-8152															
					31-12-21	09:13	31-12-21	13:22	00:00	00:00	00:00	04:09	SVRD	Hand tripped on Voltage Regulation. Voltage-396 KV.	N-9576															
									07:57	00:00	00:00	137:35				744.00	125		125.00	123.66	98.93									
					01-12-21	05:33	01-12-21	13:15	00:00	00:00	00:00	07:42	SVRD	Hand tripped on Voltage Regulation. Voltage-743 KV.	N-20															
					02-12-21	11:46	02-12-21	15:15	00:00	00:00	00:00	03:29	SVRD	Hand tripped on Voltage Regulation. Voltage-743 KV.	N-469															
					03-12-21	08:50	03-12-21	20:18	00:00	00:00	00:00	11:28	SVRD	Hand tripped on Voltage Regulation. Voltage-743 KV.	N-721															
					04-12-21	08:40	04-12-21	14:17	00:00	00:00	00:00	05:37	SVRD	Hand tripped on Voltage Regulation. Voltage-743 KV.	N-1052															
					05-12-21	09:45	05-12-21	16:34	00:00	00:00	00:00	06:49	SVRD	Hand tripped on Voltage Regulation. Voltage-743 KV.	N-1399															

Sr.No.	ELEMENT NAME	Description (Length/Nos./MVA/MVar/ MW/etc.)	Region	Type of failure	OUTAGE		RESTORATION		DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classificatio n/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency								
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS	System constraint/ Natural calamity/ Militancy	Deemed Available										@ (T)	# (U)	& (C)	* (D)				
																										Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min
																										Z	(E)	(F)	G=E x F
																Hrs	E	F	G	H									
54	240MVAR B/Reactor-I FATEHGARH_2-765	240.00	NR1		07-12-21	10:06	07-12-21	13:24	00:00	00:00	00:00	03:18	SVRD	Hand tripped on Voltage Regulation. Voltage-758 KV.	N-1967														
					08-12-21	09:09	08-12-21	16:21	00:00	00:00	00:00	07:12	SVRD	Hand tripped on Voltage Regulation. Voltage-758 KV.	N-2308														
					09-12-21	09:05	09-12-21	16:52	00:00	00:00	00:00	07:47	SVRD	Hand tripped on Voltage Regulation. Voltage-758 KV.	N-2626														
					10-12-21	09:27	10-12-21	16:17	00:00	00:00	00:00	06:50	SVRD	Hand tripped on Voltage Regulation. Voltage-758 KV.	N-2996														
					11-12-21	07:33	11-12-21	18:00	00:00	00:00	00:00	10:27	SVRD	Hand tripped on Voltage Regulation. Voltage-758 KV.	N-3287														
					12-12-21	09:19	12-12-21	14:12	00:00	00:00	00:00	04:53	SVRD	Hand tripped on Voltage Regulation. Voltage-758 KV.	N-3601														
					14-12-21	05:25	14-12-21	15:17	00:00	00:00	00:00	09:52	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-4047														
					15-12-21	05:44	15-12-21	19:03	00:00	00:00	00:00	13:19	SVRD	Hand tripped on Voltage Regulation. Voltage-757 KV.	N-4351														
					15-12-21	23:21	16-12-21	16:28	00:00	00:00	00:00	17:07	SVRD	Hand tripped on Voltage Regulation. Voltage-757 KV.	N-4638														
					17-12-21	09:26	17-12-21	17:16	00:00	00:00	00:00	07:50	SVRD	Hand tripped on Voltage Regulation. Voltage-757 KV.	N-5129														
					18-12-21	08:47	18-12-21	16:24	00:00	00:00	00:00	07:37	SVRD	Hand tripped on Voltage Regulation. Voltage-757 KV.	N-5438														
					19-12-21	08:14	19-12-21	19:00	00:00	00:00	00:00	10:46	SVRD	Hand tripped on Voltage Regulation. Voltage-757 KV.	N-5733														
					20-12-21	09:03	20-12-21	18:48	00:00	00:00	00:00	09:45	SVRD	Hand tripped on Voltage Regulation. Voltage-757 KV.	N-6072														
					21-12-21	20:59	27-12-21	17:24	00:00	00:00	00:00	140:25	SVRD	Hand tripped on Voltage Regulation. Voltage-757 KV.	N-6604														
	29-12-21	08:00	30-12-21	17:31	00:00	00:00	00:00	33:31	SVRD	Hand tripped on Voltage Regulation. Voltage-755 KV.	N-8884																		
	31-12-21	05:15	31-12-21	17:44	00:00	00:00	00:00	12:29	SVRD	Hand tripped on Voltage Regulation. Voltage-755 KV.	N-9485																		
								00:00	00:00	00:00	338:13				744.00	240		240.00	240.00	100.00									
55	125MVAR B/Reactor-I KURUKSHETRA	125.00	NR1		09-12-21	09:38	09-12-21	13:35	00:00	00:00	00:00	03:57	SVRD	Hand tripped on Voltage Regulation. Voltage-395 KV.	N-2644														
									00:00	00:00	00:00	00:00																	
	SUB TOTAL								00:00	00:00	00:00	03:57				744.00	125		125.00	125.00	100.00								
56	125MVAR B/Reactor-II MANDOLA	125.00	NR1						00:00	00:00	00:00	00:00																	
									00:00	00:00	00:00	00:00																	
	SUB TOTAL								00:00	00:00	00:00	00:00				744.00	125		125.00	125.00	100.00								
57	25MVAR B/Reactor-I MANDOLA	25.00	NR1		26-12-21	20:42	27-12-21	01:21	00:00	04:39	00:00	00:00	SBBU	Tripped on 220kv DTL owned Bus Bar protn operation due to dese fault in Bus-I & II caused by failure of their Y-ph CB of 220KV MANDOLA-GOPALPUR-II line which Blasted damaging nearby isolators etc. Further failure of Bus Section CB lead to tripping of all 220kv Bus. Complete protection system and 220kv S/yard-Bus/bays arc owned by DTL.	***														
									00:00	00:00	00:00	00:00																	
	SUB TOTAL								00:00	04:39	00:00	00:00				744.00	25		25.00	25.00	100.00								
58	25MVAR B/Reactor-I JIND	25.00	NR1						00:00	00:00	00:00	00:00																	
									00:00	00:00	00:00	00:00																	
	SUB TOTAL								00:00	00:00	00:00	00:00				744.00	25		25.00	25.00	100.00								

Sr.No.	ELEMENT NAME	Description (Length/Nos./MVA/MVAR/ MW/etc.)	Region	Type of failure	OUTAGE	RESTORATION	DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classificatio n/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency										
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS										System constraint/ Natural calamity/ Militancy	Deemed Available	@ (T)	# (U)	& (C)	* (D)				
																										Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min
																										Z	(E)	(F)	G=E x F
SUB TOTAL					00:00	00:00	00:00	00:00					744.00	50		50.00	50.00	100.00											
70	PHAGI(JPR)240MVAR S/R BHIWANI-I	240.00	NR1	--						00:00	00:00	00:00	00:00																
SUB TOTAL					00:00	00:00	00:00	00:00						744.00	240		240.00	240.00	100.00										
71	PHAGI(JPR)240MVAR S/R BHIWANI-II	240.00	NR1	--						00:00	00:00	00:00	00:00																
SUB TOTAL					00:00	00:00	00:00	00:00						744.00	240		240.00	240.00	100.00										
72	AJMER 240MVAR S/R BHADLA_2 Ckt-I	240.00	NR1	--						00:00	00:00	00:00	00:00																
SUB TOTAL					00:00	00:00	00:00	00:00						744.00	240		240.00	240.00	100.00										
73	AJMER 240MVAR S/R BHADLA_2 Ckt-II	240.00	NR1	--						00:00	00:00	00:00	00:00																
SUB TOTAL					00:00	00:00	00:00	00:00						744.00	240		240.00	240.00	100.00										
74	240MVAR S/R AJMER-I Line at CHITTOR	240.00	NR1		17-12-21 08:51	17-12-21 20:48	11:57	00:00	00:00	00:00	00:00	OSPT	Shutdown for annual maintenance planned work.	N-5103															
					18-12-21 08:14	18-12-21 19:08	10:54	00:00	00:00	00:00	00:00	OSPT	Shutdown for annual maintenance planned work.	N-5431															
SUB TOTAL							22:51	00:00	00:00	00:00	00:00				744.00	240		240.00	232.63	96.93									
75	240MVAR S/R AJMER-II Line at CHITTOR	240.00	NR1		20-12-21 08:32	20-12-21 19:48	11:16	00:00	00:00	00:00	00:00	OSPT	Shutdown for annual maintenance work.	N-6042															
					21-12-21 08:00	21-12-21 19:56	11:56	00:00	00:00	00:00	00:00	OSPT	Shutdown for annual maintenance work.	N-6378															
SUB TOTAL							23:12	00:00	00:00	00:00	00:00				744.00	240		240.00	232.52	96.88									
76	AJMER 240MVAR S/R CHITTOR-I Line	240.00	NR1							00:00	00:00	00:00	00:00																
SUB TOTAL							00:00	00:00	00:00	00:00	00:00				744.00	240		240.00	240.00	100.00									
77	AJMER 240MVAR S/R CHITTOR-II Line	240.00	NR1							00:00	00:00	00:00	00:00																
SUB TOTAL							00:00	00:00	00:00	00:00	00:00				744.00	240		240.00	240.00	100.00									
78	BIKANER 330MVAR S/R BHADLA_2 Ckt-I	330.00	NR1							00:00	00:00	00:00	00:00																
SUB TOTAL							00:00	00:00	00:00	00:00	00:00				744.00	330		330.00	330.00	100.00									
79	BIKANER 330MVAR S/R BHADLA_2 Ckt-II	330.00	NR1							00:00	00:00	00:00	00:00																
SUB TOTAL							00:00	00:00	00:00	00:00	00:00				744.00	330		330.00	330.00	100.00									
					08-12-21 10:11	08-12-21 13:07	00:00	00:00	00:00	02:56	SVRD	Hand tripped on Voltage Regulation. Voltage-758 KV.	N-2332																

Sr.No.	ELEMENT NAME	Description (Length/Nos./MVA/MVar/ MW/etc.)	Region	Type of failure	OUTAGE		RESTORATION		DURATION OF OUTAGE ATTRIBUTABLE TO (in hrs)				Classificatio n/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	NSC	Ckt. Kms.	Weightage Factor	H=(G*(Z-@))/Z	% Availability as certified by certifying agency								
					DATE	TIME	DATE	TIME	ISTS Licensee	OTHERS	System constraint/ Natural calamity/ Militancy	Deemed Available										@ (T)	# (U)	& (C)	* (D)				
																										Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min
																										Z	(E)	(F)	G=E x F
SUB TOTAL																													
80	BHADLA 240MVAR S/R BIKANER-I Line	240.00	NR1		10-12-21	11:31	14-12-21	17:15	00:00	00:00	00:00	101:44	SVRD	Hand tripped on Voltage Regulation. Voltage-750 KV.	N-3044														
					18-12-21	11:57	22-12-21	16:48	00:00	00:00	00:00	100:51	SVRD	Hand tripped on Voltage Regulation. Voltage-760 KV.	N-5521														
SUB TOTAL									00:00	00:00	00:00	205:31				744.00	240		240.00	240.00	100.00								
81	BHADLA 240MVAR S/R BIKANER-II Line	240.00	NR1						00:00	00:00	00:00	00:00																	
SUB TOTAL									00:00	00:00	00:00	00:00				744.00	240		240.00	240.00	100.00								
82	BIKANER 240MVAR S/R BHADLA-I Line	240.00	NR1		14-12-21	13:58	14-12-21	16:20	02:22	00:00	00:00	00:00	OSFT	Forced shutdown for attending oil leakage from PRV in R-phase Line reactor unit at Bikaner(PG).	N-4200														
SUB TOTAL									02:22	00:00	00:00	00:00				744.00	240		240.00	239.24	99.68								
83	BIKANER 240MVAR S/R BHADLA-II Line	240.00	NR1						00:00	00:00	00:00	00:00																	
SUB TOTAL									00:00	00:00	00:00	00:00				744.00	240		240.00	240.00	100.00								
84	BIKANER 330MVAR S/R MOGA-I Line	330.00	NR1						00:00	00:00	00:00	00:00																	
SUB TOTAL									00:00	00:00	00:00	00:00				744.00	330		330.00	330.00	100.00								
85	BIKANER 330MVAR S/R MOGA-II Line	330.00	NR1						00:00	00:00	00:00	00:00																	
SUB TOTAL									00:00	00:00	00:00	00:00				744.00	330		330.00	330.00	100.00								
86	KANKROLI 50MVAR S/R ZERDA	50.00	NR1						00:00	00:00	00:00	00:00																	
SUB TOTAL									00:00	00:00	00:00	00:00				744.00	50		50.00	50.00	100.00								
87	BHADLA_2 240MVAR S/R BIKANER-I Line	240.00	NR1		03-12-21	03:59	03-12-21	05:32	01:33	00:00	00:00	00:00	OMST	Tripped due to CSD Malfunction .															
SUB TOTAL									01:33	00:00	00:00	00:00				744.00	240		240.00	239.50	99.79								
88	BHADLA_2 240MVAR S/R BIKANER-II Line	240.00	NR1						00:00	00:00	00:00	00:00																	
SUB TOTAL									00:00	00:00	00:00	00:00				744.00	240		240.00	240.00	100.00								
89	BHADLA_2 330MVAR S/R AJMER-I Line	330.00	NR1		05-12-21	16:54	05-12-21	19:46	02:52	00:00	00:00	00:00	OSPT	Shutdown for CSD fine tuning works.	N-1437														
SUB TOTAL									02:52	00:00	00:00	00:00				744.00	330		330.00	328.73	99.61								
90	BHADLA_2 330MVAR S/R AJMER-II Line	330.00	NR1						00:00	00:00	00:00	00:00																	
SUB TOTAL									00:00	00:00	00:00	00:00				744.00	330		330.00	330.00	100.00								

