

Standard of Performance data for the month of May-2020

**Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD.
Region: NORTHERN REGION TRANSMISSION SYSTEM-III**

Sl.No.	Unique ID of transmission Element	ELEMENT NAME	Description (Length/No./MVA/MVAR/M W/etc)	Region	OUTAGE DATE TIME	RESTORATION DATE TIME	DURATION OF OUTAGE ATTRIBUTABLE TO					Classification/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	SL	Ckt.Kms.	Weightage Factor	H=(G*(Z@)/Z)	% Availability as certified by certifying agency		
							POWER GRID		OTHERS		System constraint										Deemed Available	
							# (T)	# (U)	# (V)	# (W)	Natural calamity											Military
							Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	(C)											(D)
#REF1	#REF1	#REF1	#REF1	#REF1	#REF1	#REF1	#REF1	#REF1	#REF1	#REF1	#REF1	#REF1	#REF1	#REF1	#REF1	#REF1	#REF1	#REF1	#REF1			
1	2	3	4	5	7	8	12	13	14	15	19	20	21	22	23	24	25	26	27			
1	NR1DCB01	HVDC Vinhyachal																				
		VINH HVDC B-B BLOCK-I	NR-3	10-05-20 21:55	11-05-20 00:06	02:11	00:00	00:00	00:00	00:00	00:00	00:00	OSMT	Tripped on DC over current protection.	NRPC	744.00						
2	NR1DCB02	VINH HVDC B-B BLOCK-I Total	NR-3				02:11	00:00	00:00	00:00	00:00			NRPC	744.00	250		250	249.27	99.71		
		VINH HVDC B-B BLOCK-II	NR-3	13-05-20 08:54	13-05-20 15:29	06:35	00:00	00:00	00:00	00:00	00:00	OSFT	S/D taken to attend thyristor failure level 2 alarm at Vinhyachal HVDC S.S.	NRPC	744.00	250						
1	NRERDCP03	VINH HVDC B-B BLOCK-II Total	NR-3				06:35	00:00	00:00	00:00	00:00			NRPC	744.00	250		250	247.79	99.12		
		Total of HVDC VINHYACHAL	NR-3				08:46	00:00	00:00	00:00	00:00			NRPC								
1	NRERDCP03	800KV AGRA-BNC	NR-3											NRPC								
		800KV HVDC AGRA-APD POLE-III	NR-3	01-05-20 00:00	14-05-20 11:23	00:00	00:00	00:00	00:00	329.23	00:00	LVRD	Blocked on Voltage regulation as per NRLDC instruction. Agra-432V	NRPC	744.00	1500		1296.000				
1	NRERDCP03	800KV HVDC AGRA-APD POLE-III Total	NR-3	14-05-20 11:23	14-05-20 13:36	00:00	00:00	00:00	00:00	02.13	00:00			NRPC	744.00	1500		1296.000				
		800KV HVDC AGRA-APD POLE-III	NR-3	14-05-20 17:17	22-05-20 18:37	00:00	00:00	00:00	00:00	193.20	00:00	LPRD	Blocked for facilitating normalisation of system after low power testing at Agra HVDC.	NRPC	744.00	1500		1296.000				
1	NRERDCP03	800KV HVDC AGRA-APD POLE-III	NR-3	28-05-20 08:26	29-05-20 07:48	00:00	00:00	00:00	00:00	23.22	00:00	LPRD	Blocked for facilitating low power testing at Agra HVDC.	NRPC	744.00	1500		1296.000				
		800KV HVDC AGRA-APD POLE-III	NR-3	29-05-20 19:26	29-05-20 21:21	00:00	00:00	01:55	00:00	00:00	00:00	LNCN	Tripped on DC differential protection operated at Agra during Heavy thunderstorm accompanied with lightning, hail & gusty winds reported in nearby area.	NRPC	742.08	1500		1296.000				
1	NRERDCP03	800KV HVDC AGRA-APD POLE-III	NR-3	31-05-20 11:21	01-06-20 00:00	00:00	00:00	00:00	00:00	12.39	00:00	LPRD	Blocked for facilitating low power testing at Agra HVDC.	NRPC	744.00	1500		1296.000				
		800KV HVDC AGRA-APD POLE-III Total	NR-3				00:00	00:00	01:55	554.57	00:00			NRPC	742.08	1500	1994000	1994000.00	100.00			
2	NRERDCP04	800KV HVDC AGRA-APD POLE-IV	NR-3	01-05-20 00:00	23-05-20 20:26	00:00	00:00	00:00	00:00	548.26	00:00	LVRD	Blocked on Voltage regulation as per NRLDC instruction. Agra-432V	NRPC	744.00	1500		1296.000				
		800KV HVDC AGRA-APD POLE-IV	NR-3	24-05-20 13:54	24-05-20 19:46	05:52	00:00	00:00	00:00	00:00	00:00	OSFT	Emergency S/D taken by Aluparbar as DC voltage shown by DC Voltage Divider was lower than the actual calculated voltage. (actual voltage = 80kV, voltage indicated by DVD : -771kV). All 04 poles at Agra HVDC were in service.	NRPC	744.00	1500		1296.000				
2	NRERDCP04	800KV HVDC AGRA-APD POLE-IV	NR-3	28-05-20 08:31	28-05-20 12:28	00:00	00:00	00:00	00:00	03:57	00:00	LPRD	Blocked on Voltage regulation as per NRLDC instruction. Agra-432V	NRPC	744.00	1500		1296.000				
		800KV HVDC AGRA-APD POLE-IV	NR-3	28-05-20 12:28	29-05-20 07:45	00:00	00:00	00:00	00:00	19.17	00:00	LPRD	Blocked for facilitating low power testing at Agra HVDC.	NRPC	744.00	1500		1296.000				
2	NRERDCP04	800KV HVDC AGRA-APD POLE-IV Total	NR-3				05:52	00:00	00:00	571.40	00:00			NRPC	744.00	1500	1994000	1994000.00	99.21			
		800KV HVDC AGRA-BNC POLE-I	NR-3	12-05-20 10:34	12-05-20 11:24	00:00	00:00	00:00	00:00	00:00	00:00	LPRD	Blocked on power regulation as per NRLDC instruction for changing power flow direction from reverse direction to forward direction.	NRPC	744.00	1500		1296.000				
3	NRNEEDCP01	800KV HVDC AGRA-BNC POLE-I	NR-3	12-05-20 13:38	12-05-20 16:01	00:00	00:00	00:00	00:00	26.23	00:00	LPRD	Hand tripped on power regulation as per NRLDC instruction. Agra-432V	NRPC	744.00	1500		1296.000				
		800KV HVDC AGRA-BNC POLE-I	NR-3	13-05-20 16:01	13-05-20 16:26	00:00	00:00	00:00	00:00	00:25	00:00	LPRD	Blocked for facilitating low power testing at Agra HVDC.	NRPC	744.00	1500		1296.000				
3	NRNEEDCP01	800KV HVDC AGRA-BNC POLE-I	NR-3	14-05-20 10:51	14-05-20 17:40	00:00	00:00	00:00	00:00	06.49	00:00	LPRD	Blocked for facilitating low power testing at Agra HVDC.	NRPC	744.00	1500		1296.000				
		800KV HVDC AGRA-BNC POLE-I	NR-3	29-05-20 08:59	29-05-20 15:39	00:00	00:00	00:00	00:00	06.40	00:00	LPRD	Blocked for facilitating low power testing at Agra HVDC.	NRPC	744.00	1500		1296.000				
3	NRNEEDCP01	800KV HVDC AGRA-BNC POLE-I	NR-3	30-05-20 01:27	31-05-20 16:18	00:00	00:00	00:00	00:00	38.51	00:00	LVRD	Hand tripped on Voltage regulation as per NRLDC instruction. Agra-437V	NRPC	744.00	1500		1296.000				
		800KV HVDC AGRA-BNC POLE-I Total	NR-3				00:00	00:00	00:00	79.58	00:00			NRPC	744.00	1500	2592000	2592000.00	100.00			
4	NRNEEDCP02	800KV HVDC AGRA-BNC POLE-II	NR-3	01-05-20 00:00	12-05-20 14:37	00:00	00:00	00:00	00:00	278.37	00:00	LVRD	Blocked on Voltage regulation as per NRLDC instruction. Agra-432V	NRPC	744.00	1500		1296.000				
		800KV HVDC AGRA-BNC POLE-II	NR-3	13-05-20 14:34	24-05-20 13:28	00:00	00:00	00:00	00:00	263.04	00:00	LPRD	Blocked for facilitating low power testing at Agra HVDC.	NRPC	744.00	1500		1296.000				
4	NRNEEDCP02	800KV HVDC AGRA-BNC POLE-II	NR-3	26-05-20 16:56	26-05-20 18:21	00:00	00:00	00:00	00:00	01.25	00:00	LPRD	Transient fault occurred and pole went in RVO mode (80% of Normal Voltage)	NRPC	744.00	1500		1296.000				
		800KV HVDC AGRA-BNC POLE-II	NR-3	29-05-20 09:10	29-05-20 16:04	00:00	00:00	00:00	00:00	06.54	00:00	LPRD	Blocked for facilitating low power testing at Agra HVDC.	NRPC	744.00	1500		1296.000				
4	NRNEEDCP02	800KV HVDC AGRA-BNC POLE-II	NR-3	30-05-20 02:08	31-05-20 11:30	00:00	00:00	00:00	00:00	33.22	00:00	LVRD	Hand tripped on Voltage regulation as per NRLDC instruction. Agra-431V	NRPC	744.00	1500		1296.000				
		800KV HVDC AGRA-BNC POLE-II Total	NR-3				00:00	00:00	00:00	583.22	00:00			NRPC	744.00	1500	2592000	2592000.00	100.00			
1	NR1DCP03	Total of HVDC POLE	NR-3				05:52	00:00	01:55	1789.57	00:00			NRPC								
		800KV HVDC BALIA BHWV POLE-I	NR-3	05-05-20 14:34	05-05-20 15:48	01:14	00:00	00:00	00:00	00:00	00:00	LEFT	Tripped on DC earth fault. F.D.: 441.33KM from Balia & 348.44KM from Bhiwadi.	NRPC	744.00	1250		789.786				
1	NR1DCP03	800KV HVDC BALIA BHWV POLE-I	NR-3	20-05-20 15:50	20-05-20 18:09	02:19	00:00	00:00	00:00	00:00	00:00	OSFT	Emergency S/D taken for attending water leakage problem & to avoid further tripping/flashover in valve hall of Bhiwadi end.	NRPC	744.00	1250		789.786				
		800KV HVDC BALIA BHWV POLE-I	NR-3	26-05-20 07:28	26-05-20 20:45	13:17	00:00	00:00	00:00	00:00	00:00	OSPT	S/D taken for AMP work and insulator cleaning work at Ico no 1880.	NRPC	744.00	1250		789.786				
1	NR1DCP03	800KV HVDC BALIA BHWV POLE-I	NR-3	29-05-20 17:45	29-05-20 19:11	00:00	00:00	00:00	01:26	00:00	00:00	LNCN	Tripped on DC earth fault during Heavy thunderstorm accompanied with lightning, hail & gusty winds reported in the area. FD: Balia- 350.345km, Bhiwadi- 39.445km (Tower no 2045).	NRPC	742.57	1250		789.786				
		800KV HVDC BALIA BHWV POLE-I Total	NR-3				16:50	00:00	01:26	00:00	00:00			NRPC	742.57	1250	789.786	987232.5	964852.81	97.73		
2	NR1DCP04	800KV HVDC BALIA BHWV POLE-II	NR-3	27-05-20 07:34	27-05-20 21:36	14:02	00:00	00:00	00:00	00:00	00:00	OSPT	S/D taken for AMP work	NRPC	744.00	1250		789.786				
		800KV HVDC BALIA BHWV POLE-II	NR-3	29-05-20 17:45	29-05-20 19:15	00:00	00:00	01:30	00:00	00:00	00:00	LNCN	Tripped on DC earth fault during Heavy thunderstorm accompanied with lightning, hail & gusty winds reported in the area. FD: Balia- 350.789km, Bhiwadi- 39.001km (Tower no 2047).	NRPC	742.50	1250		789.786				
3	NR1DCP01	800KV HVDC BALIA BHWV POLE-II Total	NR-3				14:02	00:00	01:30	00:00	00:00			NRPC	742.50	1250	789.786	987232.5	96873.69	98.11		
		800KV HVDC R-D POLE-I	NR-3				00:00	00:00	00:00	00:00	00:00			NRPC	744.00	750	815.000					
4	NR1DCP02	SUB TOTAL	NR-3				00:00	00:00	00:00	00:00	00:00			NRPC	744.00	750	815.000	611250	611250.00	100.00		
		800KV HVDC R-D POLE-II	NR-3				00:00	00:00	00:00	00:00	00:00			NRPC	744.00	750	815.000	611250	611250.00	100.00		
1	NEDCB01	Total of HVDC Lines	NR-3				30:52	00:00	02:56	00:00	00:00			NRPC								
		800KV HVDC B8 SASARAM	NR-3				00:00	00:00	00:00	00:00	00:00			NRPC								
1	NR1SVC01	500MW HVDC B-B SASARAM	NR-3				00:00	00:00	00:00	00:00	00:00			NRPC	744.00	500		500.00	100.00			
		500MW HVDC B-B SASARAM Total	NR-3				00:00	00:00	00:00	00:00	00:00			NRPC	744.00	500		500.00	100.00			
1	NR1SVC01	SVC KANPUR	NR-3				00:00	00:00	00:00	00:00	00:00			NRPC								
		140MVAR SVC-I	NR-3				280	00:00	00:00	00:00	00:00	00:00			NRPC	744.00	280		280.00	100.00		
2	NR1SVC01	SUB TOTAL	NR-3				280	00:00	00:00	00:00	00:00			NRPC	744.00	280		280.00	100.00			
		140MVAR SVC-II	NR-3				280	00:00	00:00	00:00	00:00	00:00			NRPC	744.00	280		280.00	100.00		
1	NR1SVC01	SUB TOTAL	NR-3				560	00:00	00:00	00:00	00:00			NRPC	744.00	560		560.00	100.00			
		Total FOR SVC	NR-3				560	00:00	00:00	00:00	00:00			NRPC								

Sr.No.	Unique ID of Transmission Element	ELEMENT NAME	Description (Length/No./MVA/MVA/M Wires)	Region	OUTAGE		RESTORATION		DURATION OF OUTAGE ATTRIBUTABLE TO				Classification/Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration		SIL	Ckt. Km.	Weightage Factor	H=(G*(Z@)/Z)	% Availability as certified by certifying agency				
					DATE TIME	DATE TIME	POWER @ (T) MVA/MVA	GRID #REF!	OTHERS # (B) MVA/MVA	System constraint: Natural calamity # (C) MVA/MVA	Deemed Available # (D) MVA/MVA	Z				(E)										
																	Z						(E)	(F)	G=Z*F	H
4	NR376507	765KV ALIGARH-GR.NOIDA	51.000	NR-3	11-05-20 12:49	12-05-20 04:35	15.46	00.00	00.00	00.00	LEFT	Tripped on R-N fault. Aligarh end details: M1- 28.9km, 13.15KA, M2- 31.45km, 12.46KA, G. Noida end details: M1- 37.83km, 8.77KA, M2- 41.8km, 8.5KA, R Ph conductor found snapped at loc no 313 during patrolling. Readiness sent to NLRDLC vide E-Mail Dt. 12.05.20 at 04:35 hrs.	NRPC	744.00	51.000	37944.00										
		765KV ALIGARH-GR.NOIDA	51.000	NR-3	12-05-20 04:35	12-05-20 09:31	00.00	00.00	00.00	04.56	GOMD	Line readiness mail sent to NLRDLC dtd 12.05.20 at 04:35 hrs after restoration of line but NLRDLC did not issued charging code on account of High Voltage Constraint at Greater Noida (UP) 802KV	NRPC	744.00	51.000	37944.00										
		765KV ALIGARH-GR.NOIDA	51.000	NR-3	14-05-20 11:50	14-05-20 23:38	00.00	11.48	00.00	00.00	SEFU	Line tripped due to problem in R-phase CVT at Greater Noida (UP) end and DT received at Aligarh end. Charging attempt taken at 19:31 hrs from Aligarh end but line got tripped immediately due to problem in R phase CVT at Greater Noida(UP) end.	NRPC	732.20	51.000	37342.20										
5	NR376504	765KV ALIGARH-GR.NOIDA	51.000	NR-3	14-05-20 23:38	15-05-20 11:57	00.00	00.00	00.00	12.19	OSFD	Emergency S/D taken by UPPLCL to replace R phase CVT at Greater Noida(UP) end.	NRPC	744.00	51.000	37944.00										
		765KV ALIGARH-GR.NOIDA Total	51.000				15.46	11.48	00.00	17.15			NRPC	732.20	51.000	37342.20	1904452.2	1863443.10		87.85						
		765KV ALIGARH-JHATIKARA	158.000	NR-3	16-05-20 09:42	16-05-20 18:51	09.09	00.00	00.00	00.00	OSPT	S/D taken for AMP of line side Equipment at Aligarh.	NRPC	744.00	158.000	117552.00										
6	NR376505	765KV ALIGARH-JHATIKARA Total	158.000	NR-3	01-05-20 00:00	01-05-20 23:24	00.00	00.00	00.00	23.24	LVRD	Hand tripped on voltage regulation as per NLRDLC instruction. Aligarh-800KV	NRPC	744.00	158.000	117552.00					18573216	18344795.40	86.77			
		765KV KANPUR(GS)-ALIGARH	327.000	NR-3	02-05-20 10:42	08-05-20 09:27	00.00	00.00	00.00	142.45	LVRD	Hand tripped on voltage regulation as per NLRDLC instruction. Aligarh-800KV	NRPC	744.00	327.000	243288.00										
		765KV KANPUR(GS)-ALIGARH	327.000	NR-3	10-05-20 10:31	16-05-20 09:22	00.00	00.00	00.00	142.51	LVRD	Hand tripped on voltage regulation as per NLRDLC instruction. Aligarh-797V	NRPC	744.00	327.000	243288.00										
7	NR376509	765KV KANPUR(GS)-ALIGARH	327.000	NR-3	28-05-20 18:12	29-05-20 19:52	00.00	00.00	00.00	25.40	LVRD	Hand tripped on Voltage regulation as per NLRDLC instruction. Aligarh-807KV	NRPC	744.00	327.000	243288.00										
		765KV KANPUR(GS)-ALIGARH	327.000	NR-3	31-05-20 03:43	01-06-20 00:00	00.00	00.00	00.00	20.17	LVRD	Hand tripped on Voltage regulation as per NLRDLC instruction. Aligarh-790KV	NRPC	744.00	327.000	243288.00										
		765KV KANPUR(GS)-ALIGARH Total	327.000	NR-3	00.00	00.00	00.00	00.00	354.57				NRPC	744.00	327.000	243288.00				79555176	79555176.00	100.00				
8	NR376508	765KV ORAI-ALIGARH-I	331.000	NR-3	21-05-20 07:54	22-05-20 03:42	00.00	00.00	00.00	19.48	LCSD	S/D taken for Commissioning of L.A at Aligarh GBS, S/S	NRPC	744.00	331.000	246264.00										
		765KV ORAI-ALIGARH-I	331.000	NR-3	26-05-20 15:17	00.00	00.00	00.00	00.00	19.48	LEFT	Tripped on R-N fault. Orat end details: M1- 52.7km, 8.279KA, Aligarh end details: M1- 230.4km, 3.3KA, M2- 307km, 2.652KA.	NRPC	744.00	331.000	246264.00										
		765KV ORAI-ALIGARH-I Total	331.000	NR-3	29-05-20 19:28	29-05-20 20:35	00.00	00.00	01.10	00.00	LNCC	Tripped on B-N fault during Heavy thunderstorm accompanied with lightning, hail & gusty winds reported in the area. Orat end details: 184.5km, 2.43KA, Aligarh end details: 25.3km, 12.5KA.	NRPC	742.83	331.000	245877.83				81385562.83	81314348.18	99.91				
9	NR176513	765KV ORAI-ALIGARH-II	331.000	NR-3	01-05-20 09:15	01-05-20 20:18	11.03	00.00	00.00	00.00	OSPT	S/D taken for AMP of line bay equipments at Aligarh end.	NRPC	744.00	331.000	246264.00										
		765KV ORAI-ALIGARH-II Total	331.000	NR-3	00.00	00.00	00.00	00.00	00.00	00.00			NRPC	744.00	331.000	246264.00				81513384	80302734.95	98.51				
		765KV VARANASI-FATEHPUR	223.000	NR-3	05-05-20 02:18	05-05-20 02:38	00.20	00.00	00.00	00.00	LEFT	Tripped on B-N fault, FD-93.7km from Fatehpur & 114.8km from Varanasi. FC: 4.72KA from Fatehpur & 4.78KA from Varanasi.	NRPC	744.00	223.000	165912.00										
10	NR376501	765KV VARANASI-FATEHPUR	223.000	NR-3	10-05-20 18:10	26-05-20 18:48	00.00	00.00	384.38	00.00	LNCC	Tripped on B-N fault during Heavy thunderstorm accompanied with lightning, hail & gusty winds reported in area. Varanasi end details: M1- 204.3km, 3.19KA, M2- 202.3km, 3.17KA, Fatehpur end details: 7.2km, 9.47KA. During emergency patrolling two no of A-type tower(641 & 642) found collapsed.	NRPC	359.37	223.000	80138.77				17870944.97	17854368.63	99.91				
		765KV VARANASI-FATEHPUR Total	223.000	NR-3	00.20	00.00	384.38	00.00					NRPC	359.37	223.000	80138.77										
		765KV VARANASI-KANPUR(GS)-I	326.172	NR-3	30-05-20 18:51	30-05-20 19:30	00.00	00.00	00.39	00.00	LNCC	Tripped on R-N fault during Heavy thunderstorm accompanied with lightning, hail & gusty winds reported in the area Varanasi AFAS: M1= 55.7km, 7.8KA, Kanpur AFAS: 268.5km, 3.69KA, Varanasi detail: M1= 54.78km, 8.7KA, M2= 58.4km, 7.74KA.	NRPC	743.35	326.172	242459.96				79083648.83	79083648.83	100.00				
11	NR176501	765KV VARANASI-KANPUR(GS)-I Total	326.172	NR-3	00.00	00.00	00.39	00.00					NRPC	743.35	326.172	242459.96				79083648.83	79083648.83	100.00				
		765KV LUCKNOW-BALLA	318.919	NR-3	00.00	00.00	00.00	00.00					NRPC	744.00	318.919	237275.74										
		SUB TOTAL	318.919	NR-3	00.00	00.00	00.00	00.00					NRPC	744.00	318.919	237275.74				75671740.45	75671740.45	100.00				
12	NR176508	765KV LUCKNOW-BAREILLY	251.613	NR-3	00.00	00.00	00.00	00.00					NRPC	744.00	251.613	187200.07				47101971.72	47101971.72	100.00				
		SUB TOTAL	251.613	NR-3	00.00	00.00	00.00	00.00					NRPC	744.00	251.613	187200.07										
		765KV VARANASI-BALLA	165.980	NR-3	00.00	00.00	00.00	00.00					NRPC	744.00	165.980	123489.12				20496724.14	20496724.14	100.00				
13	NR376502	765KV VARANASI-BALLA	165.980	NR-3	00.00	00.00	00.00	00.00					NRPC	744.00	165.980	123489.12				20496724.14	20496724.14	100.00				
		765KV VARANASI-KANPUR(GS)-II	326.172	NR-3	00.00	00.00	00.00	00.00					NRPC	744.00	326.172	242671.97				79152801.15	79152801.15	100.00				
		SUB TOTAL	326.172	NR-3	00.00	00.00	00.00	00.00					NRPC	744.00	326.172	242671.97				79152801.15	79152801.15	100.00				
1	NR340018	Total 765 KV Lines	4843				39443	112538																		
		400V KV Lines																								
		400KV SINGRAULI-ALLAHABAD -#	214.850	NR-3	05-05-20 02:19	05-05-20 03:24	01.05	00.00	00.00	00.00	LEFT	Tripped on R-N fault, FD-23.07km from Allahabad, FC:16.8KA.	NRPC	744.00	214.850	159848.40										
2	NR340007	400KV SINGRAULI-ALLAHABAD -#	214.850	NR-3	05-05-20 17:28	05-05-20 19:41	02.13	00.00	00.00	00.00	LEFT	Tripped on R-N fault, F.D.=202KM from Allahabad & 180KM from Singrauli end, F.C.=16.29KA at Allahabad & 1.8KA at Singrauli.	NRPC	744.00	214.850	159848.40										
		400KV SINGRAULI-ALLAHABAD -#	214.850	NR-3	09-05-20 09:44	09-05-20 18:20	08.36	00.00	00.00	00.00	OSPT	S/D taken to rectify low electrical clearance problem in R-Phase conductor with OPKW of underpassing 400 KV Meja Masuli Line (UPPCL) between Loc. No. 585-586 near Allahabad.	NRPC	744.00	214.850	159848.40										
		400KV SINGRAULI-ALLAHABAD -#	214.850	NR-3	10-05-20 20:06	10-05-20 20:38	00.00	00.00	00.32	00.00	LNCC	Tripped on B-N fault during Heavy thunderstorm accompanied with lightning, hail & gusty winds reported in area. Allahabad end details: M1- 26.18km, 12.49KA, M2- 25.9km, 12.49KA.	NRPC	743.47	214.850	159733.81										
3	NR140002	400KV SINGRAULI-ALLAHABAD -#	214.850	NR-3	27-05-20 16:20	27-05-20 17:08	00.48	00.00	00.00	00.00	LEFT	Tripped on B-N fault, Allahabad end details: M1- 26.66km, 13.16KA, M2- 25.8km, 12.639KA.	NRPC	744.00	214.850	159848.40										
		400KV SINGRAULI-ALLAHABAD -#	214.850	NR-3	28-05-20 11:16	28-05-20 19:37	08.21	00.00	00.00	00.00	OSPT	Emergency S/D taken for wrapping of insulation sleeve over B-phase conductor between Loc. No. 558 & 559 to get desired electrical clearance from underpassing 400KV D/C Meza - Bus line of UPPCL.	NRPC	744.00	214.850	159848.40										
		400KV SINGRAULI-ALLAHABAD -#	214.850	NR-3	28-05-20 19:37	28-05-20 21:35	00.00	01.58	00.00	00.00	OMSU	Line could not be charged by NTPC Singrauli due to prevailing bad weather at their end.	NRPC	742.03	214.850	159425.86				34228027.43	33256348.44	97.16				
4	NR400003	400KV SINGRAULI-ALLAHABAD -# Total	214.850	NR-3	21.03	01.58	00.32	00.00					NRPC	741.50	214.850	159311.28										
		400KV AGRA(UP)-FATEHABAD(UP) -#	22.060	NR-3	29-05-20 20:06	29-05-20 22:21	00.00	00.00	02.15	00.00	LNCC	Tripped on B-N fault during Heavy thunderstorm accompanied with lightning, hail & gusty winds reported in the area. Fatehabad end details: M1- 5.9km, 6.1KA, M2- 7.98km, 6.487KA.	NRPC	741.75	22.060	16363.01				360967.8903	360967.89	100.00				
		400KV AGRA(UP)-FATEHABAD(UP) -# Total	22.060	NR-3	00.00	00.00	02.15	00.00					NRPC	741.75	22.060	16363.01										
5	NR140003	400KV AGRA-AGRA(UP) -#	29.982	NR-3	29-05-20 19:36	29-05-20 22:44	00.00	00.00	03.08	00.00	LNCC	Tripped on B-N fault during Heavy thunderstorm accompanied with lightning, hail & gusty winds reported in the area, FD=1.6km from Agra(FD), FC: 21.96KA.	NRPC	740.87	29.982	2212.66				665980.104	665980.10	100.00				
		400KV AGRA-AGRA(UP) -# Total	29.982	NR-3	00.00	00.00	03.08	00.00					NRPC	740.87	29.982	2212.66										
		400KV AGRA-ALIRADY A-I	167.200	NR-3	27-05-20 18:42	01-06-20 00:00	00.00	00.00	00.00	101.18	LVRD	Hand tripped on Voltage regulation as per NLRDLC instruction. Agra-436KV	NRPC	744.00	167.200	124396.80				20799144.96	20799144.96	100.00				
6	NR140005	400KV AGRA-ALIRADY A-I Total	167.200	NR-3	00.00	00.00	00.00	00.00	101.18				NRPC	744.00	167.200	124396.80										
		400KV AGRA-BASSI-I	211.433	NR-3	09-05-20 10:3																					

Sr.No.	Unique ID of Transmission Element	ELEMENT NAME	Description (Length/No./MVA/MVA/M Wires)	Region	OUTAGE		RESTORATION		DURATION OF OUTAGE ATTRIBUTABLE TO				Classification/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	SIL	Ckt. Km.	Weightage Factor	H=(G*(Z+Z))/G	% Availability as certified by certifying agency	
					DATE TIME	DATE TIME	POWER	GRID	OTHERS	System constraints	Deemed Available											
					#(T)	#(B)	#(C)	#(D)	#(E)	#(F)	#(G)											
					hrs/Min	hrs/Min	hrs/Min	hrs/Min	hrs/Min	hrs/Min	hrs/Min											
9	NR140122	400KV ALLD-FATEHPUR-I	139.730	NR-3	10-05-20 18:17	10-05-20 19:04	00:00	00:00	00:47	00:00	LNCC	Tripped on R-N faulting. Heavy thunderstorm accompanied with lightning, hail & gusty winds reported in area. Allahabad end details: M1= 117km, 3.7KA, M2= 116.3km, Fatehpur end details: 17.0km, 12.22KA.	NRPC	743.22	139.730	103849.66						
		400KV ALLD-FATEHPUR-I	139.730	NR-3	27-05-20 15:47	28-05-20 00:57	09:10	00:00	00:00	00:00	LEFT	Tripped on R-N fault. Allahabad end details: M1= 119km, 3.072KA, M2= 122.5km, 2.81KA. Fatehpur end details: M1= 16.6km, 12.22KA, M2= 14.4km, 13.4KA, jurisdiction.	NRPC	744.00	139.730	103959.12						
		400KV ALLD-FATEHPUR-I	139.730	NR-3	28-05-20 04:06	29-05-20 19:58	00:00	00:00	00:00	39:52	LVRD	Tripped on R-N fault during Heavy thunderstorms accompanied with lightning, hail & gusty winds reported in the nearby area. Fatehpur details M1=13.2KM, 16.9KA, M2= 13.45KM, 14.5KA, Fatehpur (AFAS) : 16.8KM, 13.9KA, Allahabad details M1= 123KM, 2.899KA, M2= 123KM, 2.914KA.	NRPC	744.00	139.730	103959.12						
		400KV ALLD-FATEHPUR-I	139.730	NR-3	30-05-20 16:30	30-05-20 17:16	00:00	00:00	00:26	00:00	LNCC		NRPC	743.57	139.730	103898.57						
10	NR140123	400KV ALLD-FATEHPUR-I Total	139.730	NR-3			09:10	00:00	01:13	39:52			NRPC	742.78	139.730	103789.12	14502453.06	14323478.73	98.77			
		400KV ALLD-FATEHPUR-II	139.730	NR-3	01-05-20 00:00	05-05-20 19:26	00:00	00:00	00:00	115:26	LVRD	Hand tripped on Voltage regulation as per NLRDC instruction. Allahabad-427kV.	NRPC	744.00	139.730	103959.12						
		400KV ALLD-FATEHPUR-III	139.730	NR-3	10-05-20 11:09	18-05-20 22:40	00:00	00:00	00:00	203:31	LVRD	Hand tripped on voltage regulation as per NLRDC instruction. Allahabad-424kV.	NRPC	744.00	139.730	103959.12						
		400KV ALLD-FATEHPUR-III Total	139.730	NR-3			00:00	00:00	00:00	318:57			NRPC	744.00	139.730	103959.12	14526207.84	14526207.84	100.00			
11	NR140104	400KV ALLD-FATEHPUR-III	155.932	NR-3	04-05-20 06:55	04-05-20 21:29	00:00	00:00	14:34	00:00	LVRD	Hand tripped on Voltage regulation as per NLRDC instruction. Fatehpur-428kV.	NRPC	744.00	155.932	116013.41						
		400KV ALLD-FATEHPUR-III	155.932	NR-3	05-05-20 16:34	05-05-20 23:05	06:31	00:00	00:00	00:00	LEFT	Tripped on Y-N fault. F.D.= 107.1KM from Allahabad & 25.2KM from Fatehpur end. F.C.= 3.858KA at Allahabad & 10.41KA at Fatehpur.	NRPC	744.00	155.932	116013.41						
		400KV ALLD-FATEHPUR-III	155.932	NR-3	07-05-20 06:52	09-05-20 21:58	00:00	00:00	00:00	63:06	LVRD	Hand tripped on Voltage regulation as per NLRDC instruction. Allahabad-427kV.	NRPC	744.00	155.932	116013.41						
		400KV ALLD-FATEHPUR-III	155.932	NR-3	31-05-20 09:01	01-06-20 00:00	00:00	00:00	00:00	14:59	LVRD	Hand tripped on Voltage regulation as per NLRDC instruction. Allahabad-428kV.	NRPC	744.00	155.932	116013.41	18909202.74	17931751.36	98.12			
12	NR140012	400KV ALLD-KNP-II	224.000	NR-3	01-05-20 00:00	24-05-20 23:04	00:00	00:00	00:00	57:04	LVRD	Hand tripped on Voltage regulation as per NLRDC instruction. Allahabad-427kV.	NRPC	744.00	224.000	166656.00						
		400KV ALLD-KNP-II	224.000	NR-3	31-05-20 02:08	01-06-20 00:00	00:00	00:00	00:00	21:52	LVRD	Hand tripped on Voltage regulation as per NLRDC instruction. Allahabad-428kV.	NRPC	744.00	224.000	166656.00						
		400KV ALLD-KNP-II Total	224.000	NR-3			00:00	00:00	00:00	59:56			NRPC	744.00	224.000	166656.00	37330944	37330944.00	100.00			
		400KV BALLA-MAU-I	13.000	NR-3	20-05-20 15:53	20-05-20 17:49	00:00	01:56	00:00	00:00	OMSU	Tripped at Ballia end due to non-isolation of faulty 400V Mau-Azamghar line of UPPTCL. from Mau (UP) end.	NRPC	742.07	13.000	9646.87						
14	NR140020	400KV BALLA-MAU-I Total	13.000	NR-3			00:00	01:56	00:00	00:00			NRPC	742.07	13.000	9646.87	125409.2667	125409.27	100.00			
		400KV BALLA-MAU-II	13.000	NR-3	01-05-20 07:33	01-05-20 10:04	02:31	00:00	00:00	00:00	OSFT	Emergency Shut down taken by Mau (UPPTCL) to attend heavy sparking in Bus side R-ph Isolator at Mau (UP) end.	NRPC	744.00	13.000	9672.00						
		400KV BALLA-MAU-II Total	13.000	NR-3			02:31	00:00	00:00	00:00			NRPC	744.00	13.000	9672.00	1257.96	125310.68	99.66			
		400KV BALLA-SOHAWAL-I	229.163	NR-3	01-05-20 09:38	09-05-20 22:47	00:00	00:00	00:00	205:09	LVRD	Hand tripped on Voltage regulation as per NLRDC instruction. Sohawal-424kV.	NRPC	744.00	229.163	170497.27						
16	NR140120	400KV BALLA-SOHAWAL-I Total	229.163	NR-3			00:00	00:00	00:00	205:09			NRPC	744.00	229.163	170497.27	39071666.34	39071666.34	100.00			
		400KV BALLA-SOHAWAL-II	229.163	NR-3	10-05-20 22:15	23-05-20 21:37	00:00	00:00	00:00	311:24	LVRD	Hand tripped on voltage regulation as per NLRDC instruction. Sohawal-421kV.	NRPC	744.00	229.163	170497.27						
		400KV BALLA-SOHAWAL-II Total	229.163	NR-3			00:00	00:00	00:00	311:24			NRPC	744.00	229.163	170497.27	39071666.34	39071666.34	100.00			
		400KV BAREILLY-BRILY-UP-I	9.200	NR-3	01-05-20 00:00	01-05-20 21:48	00:00	00:00	00:00	21:48	LVRD	Hand tripped on Voltage regulation as per NLRDC instruction. Bareilly-421kV.	NRPC	744.00	9.200	6844.80						
17	NR140023	400KV BAREILLY-BRILY-UP-I Total	9.200	NR-3			00:00	00:00	00:00	21:48			NRPC	744.00	9.200	6844.80	62972.16	62972.16	100.00			
		400KV BAREILLY-LKOU-UP	278.760	NR-3	01-05-20 00:00	09-05-20 22:12	00:00	00:00	00:00	212:12	LVRD	Hand tripped on Voltage regulation as per NLRDC instruction. Bareilly-423kV.	NRPC	744.00	278.760	203797.44						
		400KV BAREILLY-LKOU-UP	278.760	NR-3	10-05-20 17:10	09-05-20 22:49	00:00	00:00	00:00	221:39	LVRD	Hand tripped on voltage regulation as per NLRDC instruction. Bareilly-423kV.	NRPC	744.00	278.760	203797.44	57814110.37	57814110.37	100.00			
		400KV BAREILLY-LKOU-UP Total	278.760	NR-3			00:00	00:00	00:00	433:51			NRPC	744.00	278.760	203797.44	57814110.37	57814110.37	100.00			
19	NR140152	400KV BAREILLY-SHAHJHNP-R-II	116.920	NR-3	10-05-20 17:01	23-05-20 21:31	00:00	00:00	00:00	316:30	LVRD	Hand tripped on voltage regulation as per NLRDC instruction. Shahjhanpur-425kV.	NRPC	744.00	116.920	86988.48						
		400KV BAREILLY-SHAHJHNP-R-II Total	116.920	NR-3			00:00	00:00	00:00	316:30			NRPC	744.00	116.920	86988.48	10170693.08	10170693.08	100.00			
		400KV BARLY(765)-KASHIPUR-I	101.841	NR-3	03-05-20 22:07	04-05-20 15:37	17:30	00:00	00:00	00:00	OSFT	Emergency shut down taken by Kashipur(Uttarakhand) to attend heavy sparking in R Ph line isolator at Kashipur(UK) end.	NRPC	744.00	101.841	75769.70						
		400KV BARLY(765)-KASHIPUR-I	101.841	NR-3	10-05-20 13:16	10-05-20 15:37	02:21	00:00	00:00	00:00	OSFT	Emergency Shut down taken by Kashipur(Uttarakhand) to attend heavy sparking in R Ph line isolator at Kashipur(UK) end.	NRPC	744.00	101.841	75769.70						
21	NR140159	400KV BARLY(765)-KASHIPUR-I	101.841	NR-3	11-05-20 15:14	11-05-20 16:30	01:16	00:00	00:00	00:00	OSPT	S/D taken to attend line isolator alignment at Kashipur (Uttarakhand) end.	NRPC	744.00	101.841	75769.70	7716462.425	7497449.03	97.16			
		400KV BARLY(765)-KASHIPUR-I Total	101.841	NR-3			01:16	00:00	00:00	00:00			NRPC	744.00	101.841	75769.70	7716462.425	7497449.03	97.16			
		400KV BARLY(765)-KASHIPUR-II	101.841	NR-3	07-05-20 05:03	08-05-20 06:03	00:00	00:00	00:00	25:00	LVRD	Hand tripped on Voltage regulation as per NLRDC instruction. Bareilly-425 kV.	NRPC	744.00	101.841	75769.70						
		400KV BARLY(765)-KASHIPUR-II Total	101.841	NR-3			00:00	00:00	00:00	25:00			NRPC	744.00	101.841	75769.70	7716462.425	7716462.425	100.00			
22	NR140037	400KV BLRGRH-MAINPUR-I	235.952	NR-3	10-05-20 15:26	13-05-20 11:22	00:00	00:00	00:00	67:56	LVRD	Hand tripped on voltage regulation as per NLRDC instruction. Mainpur-424kV.	NRPC	744.00	235.952	175548.29						
		400KV BLRGRH-MAINPUR-I Total	235.952	NR-3			00:00	00:00	00:00	67:56			NRPC	744.00	235.952	175548.29	41420969.65	41420969.65	100.00			
		400KV BLRGRH-MAINPUR-II	235.952	NR-3	04-05-20 07:05	09-05-20 22:02	00:00	00:00	00:00	134:57	LVRD	Hand tripped on Voltage regulation as per NLRDC instruction. Mainpur-423 kV.	NRPC	744.00	235.952	175548.29						
		400KV BLRGRH-MAINPUR-II Total	235.952	NR-3			00:00	00:00	00:00	134:57			NRPC	744.00	235.952	175548.29	41420969.65	41420969.65	100.00			
23	NR140038	400KV BLRGRH-MAINPUR-III	235.952	NR-3	31-05-20 16:59	01-06-20 00:00	00:00	00:00	00:00	07:01	LVRD	Hand tripped on Voltage regulation as per NLRDC instruction. Ballabagh-424kV.	NRPC	744.00	235.952	175548.29						
		400KV BLRGRH-MAINPUR-III Total	235.952	NR-3			00:00	00:00	00:00	141:58			NRPC	744.00	235.952	175548.29	41420969.65	41420969.65	100.00			
		400KV FATEHPUR-MAINPUR-I	260.051	NR-3	01-05-20 02:02	01-05-20 04:54	02:52	00:00	00:00	00:00	LEFT	Tripped on R-N fault. Details: Fatehpur end: M-1: F/D=8.7 KM, F.C.=17.64 KA. M-2: F/D=8.8 KM, F.C.=17.65 KA. Details from Mainpur end: M-1: F/D=240 KM, F.C.=1.543 KA. M-2: F/D=294 KM, F.C.=1.574 KA.	NRPC	744.00	260.051	193477.94						
		400KV FATEHPUR-MAINPUR-I	260.051	NR-3	02-05-20 08:37	02-05-20 23:58	00:00	00:00	00:00	15:21	LVRD	Hand tripped on Voltage regulation as per NLRDC instruction. Mainpur-424kV.	NRPC	744.00	260.051	193477.94						
24	NR140124	400KV FATEHPUR-MAINPUR-I	260.051	NR-3	04-05-20 06:58	05-05-20 16:34	00:00	00:00	00:00	33:36	LVRD	Hand tripped on Voltage regulation as per NLRDC instruction. Fatehpur-428 kV.	NRPC	744.00	260.051	193477.94						
		400KV FATEHPUR-MAINPUR-I	260.051	NR-3	10-05-20 15:24	13-05-20 12:06	00:00	00:00	00:00	68:42	LVRD	Hand tripped on voltage regulation as per NLRDC instruction. Mainpur-424kV.	NRPC	744.00	260.051	193477.94						
		400KV FATEHPUR-MAINPUR-I	260.051	NR-3	14-05-20 07:31	18-05-20 22:42	00:00	00:00	00:00	111:10	LVRD	Hand tripped on voltage regulation as per NLRDC instruction. Fatehpur-424kV.	NRPC	744.00	260.051	193477.94						
		400KV FATEHPUR-MAINPUR-I Total	260.051	NR-3			02:52	00:00	00:00	228:50			NRPC	744.00	260.051	193477.94	50314132.82	50120720.12	99.61			

Sr.No.	Unique ID of Transmission Element	ELEMENT NAME	Description (Length/No./MVA/MVA/M Wires)	Region	OUTAGE		RESTORATION		DURATION OF OUTAGE ATTRIBUTABLE TO				Classification/Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	SIL	Ckt. Km.	Weightage Factor	H=(G*(Z+@))/Z	% Availability as certified by certifying agency				
					DATE TIME	DATE TIME	POWER	GRID	OTHERS	System Constraints															
										# (A) MVA/MVA	# (B) MVA/MVA	# (C) MVA/MVA										# (D) MVA/MVA	Natural Contingency		Deemed Available
																							# (E) MVA/MVA	# (F) MVA/MVA	
Z	(E)	(F)	G=E x F	H																					
36	NR140154	400KV RIBHANDI-VINDHPool-I	30.703	NR-3	28-05-20 17:26	28-05-20 19:05	00:00	00:00	01:39	00:00	00:00	00:00	GOVC	Tripped on Over voltage protection operated at Vindhyachal pooling S/S (MP) due to prevailing bad weather condition in the area	NRPC	742.35	30.703	22792.37							
		400KV RIBHANDI-VINDHPool-I Total	30.703	NR-3			00:00	00:00	01:39	00:00	00:00	00:00	NRPC		742.35	30.703	22792.37	699794.1991	699794.20		100.00				
37	NR140160	400KV RIBHANDI-VINDHPool-II	31.159	NR-3	22-05-20 12:06	22-05-20 13:30	00:00	01:24	00:00	00:00	00:00	00:00	OMSU	Tripped only from Ribhand (NTPC) end on R-N fault. Vindhyachal Pooling SS end details: M1=16.8KM, 3.9KA.	NRPC	742.60	31.159	23138.67							
		400KV RIBHANDI-VINDHPool-II Total	31.159	NR-3	28-05-20 17:26	28-05-20 19:30	00:00	00:00	02:04	00:00	00:00	00:00	GOVC	Tripped on Over voltage protection operated at Vindhyachal pooling S/S due to prevailing bad weather conditions in the area	NRPC	741.93	31.159	23117.90							
38	NR140111	400KV SING-FATEHPUR	330.953	NR-3	21-05-20 09:06	21-05-20 19:24	10:18	00:00	00:00	00:00	00:00	00:00	CSPT	S/D taken for AMP of L/R at Fatehpur & other maintenance works.	NRPC	744.00	330.953	246229.03							
		400KV SING-FATEHPUR Total	330.953	NR-3			10:18	00:00	00:00	00:00	00:00	00:00	NRPC		744.00	330.953	246229.03	81490236.83	80362078.98		98.62				
39	NR140095	400KV SING-LKO(UP)-I	408.600	NR-3	17-05-20 11:49	17-05-20 12:49	01:00	00:00	00:00	00:00	00:00	00:00	LEFT	Tripped on Y-N fault. Singrauli end details: F/D=309 KM, F/C=1.308 KA. Lacknow (UP) end details: F/D=69.8 KM, F/C=2.95 KA.	NRPC	744.00	408.600	303998.40							
		400KV SING-LKO(UP)-I	408.600	NR-3	17-05-20 12:49	17-05-20 16:09	00:00	03:20	00:00	00:00	00:00	00:00	OMSU	Line charged from Lacknow (UP) end but Singrauli(NTPC) could not Synchronize the line due to CB closing problem at their end which led to tripping of line on over voltage protection operated at Singrauli(NTPC) end.	NRPC	740.67	408.600	302636.40							
		400KV SING-LKO(UP)-I	408.600	NR-3	19-05-20 12:16	19-05-20 13:51	01:35	00:00	00:00	00:00	00:00	00:00	LEFT	Tripped on Y-N fault. Lacknow(UP) end details: M1-72.3km, 3.96KA, M2-71.4km. Singrauli end details: 305.5km, 1.3KA.	NRPC	744.00	408.600	303998.40							
		400KV SING-LKO(UP)-I	408.600	NR-3	21-05-20 14:35	21-05-20 15:43	01:08	00:00	00:00	00:00	00:00	00:00	LEFT	Tripped on Y-N fault. Fault details are F.D.: 69.5KM from Lacknow & 340KM from Singrauli end.	NRPC	744.00	408.600	303998.40							
40	NR140097	400KV SING-LKO(UP)-I	408.600	NR-3	22-05-20 15:12	22-05-20 15:47	00:00	00:00	00:35	00:00	00:00	00:00	LNCC	Emergency S/D taken to remove metallic kite hanging from earth wire between ckt. 868-869.	NRPC	743.42	408.600	303760.05							
		400KV SING-LKO(UP)-I Total	408.600	NR-3			03:43	03:20	00:35	00:00	00:00	00:00	NRPC	Tripped only from Ribhand end on R-N fault during heavy thunderstorm accompanied with lightning, hail & gusty winds reported in the area. Ribhand end details: F/D: 19.00 km	NRPC	740.08	408.600	302198.05	123559843.2	122939331.01		99.50			
41	NR340005	400KV SING-RIBHAND-II	43.952	NR-3	10-05-20 22:04	10-05-20 23:00	00:00	00:00	00:56	00:00	00:00	00:00	LNCC		NRPC	743.07	43.952	32659.27							
		400KV SING-RIBHAND-II Total	43.952	NR-3			00:00	00:00	00:56	00:00	00:00	00:00	NRPC		743.07	43.952	32659.27	1435440.065	1435440.07		100.00				
42	NR140004	400KV VARANASI-SARNATH-I	69.677	NR-3	26-05-20 11:26	26-05-20 18:58	07:32	00:00	00:00	00:00	00:00	00:00	CSPT	S/D taken for AMP of line bay equipments and relay testing at Varanasi end.	NRPC	744.00	69.677	51839.69							
		400KV VARANASI-SARNATH-I Total	69.677	NR-3			07:32	00:00	00:00	00:00	00:00	00:00	NRPC		744.00	69.677	51839.69	3612033.941	3575460.48		98.99				
43	NR140010	400KV AGRRA-AURRAYA-I	167.200	NR-3			167.200	00:00	00:00	00:00	00:00	00:00	NRPC		NRPC	744.00	167.200	124396.80							
		400KV AGRRA-BLGRH-I	181.137	NR-3			181.137	00:00	00:00	00:00	00:00	00:00	NRPC		NRPC	744.00	181.137	134765.93	20799144.96	20799144.96		100.00			
44	NR140163	400KV ALLA-VARANASI	98.792	NR-3			98.792	00:00	00:00	00:00	00:00	00:00	NRPC		NRPC	744.00	98.792	73501.25							
		400KV ALLA-VARANASI	98.792	NR-3			98.792	00:00	00:00	00:00	00:00	00:00	NRPC		NRPC	744.00	98.792	73501.25	7261335.292	7261335.29		100.00			
45	NR140150	400KV BAREILLY-BAREILLY(765)-I	1.559	NR-3			1.559	00:00	00:00	00:00	00:00	00:00	NRPC		NRPC	744.00	1.559	1159.90							
		400KV BAREILLY-BAREILLY(765)-II	1.559	NR-3			1.559	00:00	00:00	00:00	00:00	00:00	NRPC		NRPC	744.00	1.559	1159.90	1808.277864	1808.28		100.00			
46	NR140157	400KV BAREILLY-BAREILLY(765)-II	1.559	NR-3			1.559	00:00	00:00	00:00	00:00	00:00	NRPC		NRPC	744.00	1.559	1159.90							
		400KV BAREILLY-BAREILLY(765)-I	1.559	NR-3			1.559	00:00	00:00	00:00	00:00	00:00	NRPC		NRPC	744.00	1.559	1159.90	1808.277864	1808.28		100.00			
47	NR140024	400KV BAREILLY-BRLY(UP)-I	9.200	NR-3			9.200	00:00	00:00	00:00	00:00	00:00	NRPC		NRPC	744.00	9.200	6844.80							
		400KV BAREILLY-MBAD-I	9.200	NR-3			9.200	00:00	00:00	00:00	00:00	00:00	NRPC		NRPC	744.00	9.200	6844.80	62972.16	62972.16		100.00			
48	NR140026	400KV BAREILLY-MBAD-II	92.680	NR-3			92.680	00:00	00:00	00:00	00:00	00:00	NRPC		NRPC	744.00	92.680	68553.92							
		400KV BAREILLY-MBAD-I	92.680	NR-3			92.680	00:00	00:00	00:00	00:00	00:00	NRPC		NRPC	744.00	92.680	68553.92	6390649.306	6390649.31		100.00			
49	NR140027	400KV BAREILLY-MBAD-II	92.680	NR-3			92.680	00:00	00:00	00:00	00:00	00:00	NRPC		NRPC	744.00	92.680	68553.92							
		400KV BAREILLY-MBAD-I	92.680	NR-3			92.680	00:00	00:00	00:00	00:00	00:00	NRPC		NRPC	744.00	92.680	68553.92	6390649.306	6390649.31		100.00			
50	NR140046	400KV GORAKH-GORAKH-I	45.940	NR-3			45.940	00:00	00:00	00:00	00:00	00:00	NRPC		NRPC	744.00	45.940	34179.36							
		400KV GORAKH-GORAKH-II	45.940	NR-3			45.940	00:00	00:00	00:00	00:00	00:00	NRPC		NRPC	744.00	45.940	34179.36	1570199.798	1570199.80		100.00			
51	NR140047	400KV GORAKH-GORAKH-I	45.940	NR-3			45.940	00:00	00:00	00:00	00:00	00:00	NRPC		NRPC	744.00	45.940	34179.36							
		400KV GORAKH-GORAKH-II	45.940	NR-3			45.940	00:00	00:00	00:00	00:00	00:00	NRPC		NRPC	744.00	45.940	34179.36	1570199.798	1570199.80		100.00			
52	NR140052	400KV KNP-AGRA	240.000	NR-3			240.000	00:00	00:00	00:00	00:00	00:00	NRPC		NRPC	744.00	240.000	178560.00							
		400KV KNP-AGRA	240.000	NR-3			240.000	00:00	00:00	00:00	00:00	00:00	NRPC		NRPC	744.00	240.000	178560.00	4285440.00	4285440.00		100.00			
53	NR140053	400KV KNP-AURAYA-I	72.600	NR-3			72.600	00:00	00:00	00:00	00:00	00:00	NRPC		NRPC	744.00	72.600	54014.40							
		400KV KNP-AURAYA-II	72.600	NR-3			72.600	00:00	00:00	00:00	00:00	00:00	NRPC		NRPC	744.00	72.600	54014.40	3921445.44	3921445.44		100.00			
54	NR140056	400KV KNP-BLGGARH-I	370.772	NR-3			370.772	00:00	00:00	00:00	00:00	00:00	NRPC		NRPC	744.00	370.772	275854.37							
		400KV KNP-BLGGARH-II	370.772	NR-3			370.772	00:00	00:00	00:00	00:00	00:00	NRPC		NRPC	744.00	370.772	275854.37	102279075.73	102279075.73		100.00			
55	NR140105	400KV SING-FATEHPUR-II	107.100	NR-3			107.100	00:00	00:00	00:00	00:00	00:00	NRPC		NRPC	744.00	107.100	79682.40							
		400KV SING-FATEHPUR-I	107.100	NR-3			107.100	00:00	00:00	00:00	00:00	00:00	NRPC		NRPC	744.00	107.100	79682.40	8533985.04	8533985.04		100.00			
56	NR140058	400KV KNP-PANK-I	5.922	NR-3			5.922	00:00	00:00	00:00	00:00	00:00	NRPC		NRPC	744.00	5.922	4465.97							
		400KV KNP-PANK-II	5.922	NR-3			5.922	00:00	00:00	00:00	00:00	00:00	NRPC		NRPC	744.00	5.922	4465.97	26092.1425	26092.14		100.00			
57	NR140059	400KV KNP-PANK-I	5.860	NR-3			5.860	00:00	00:00	00:00	00:00	00:00	NRPC		NRPC	744.00	5.860	4359.84							
		400KV KNP-PANK-II	5.860	NR-3			5.860	00:00	00:00	00:00	00:00	00:00	NRPC		NRPC	744.00	5.860	4359.84	25548.6624	25548.66		100.00			
58	NR140071	400KV LUCKNOW-GORAKH-IV	263.933	NR-3			263.933	00:00	00:00	00:00	00:00	00:00	NRPC		NRPC	744.00	263.933	196366.15							
		400KV LUCKNOW-GORAKH-III	263.933	NR-3			263.933	00:00	00:00	00:00	00:00	00:00	NRPC		NRPC	744.00	263.933	196366.15	51827507.60	51827507.60		100.00			
59	NR140112	400KV LUCKNOW-LKO(765)-I	2.860	NR-3	</																				

Sr.No.	Unique ID of Transmission Element	ELEMENT NAME	Description (Length/No./MVA/MVA/M/W etc)	Region	OUTAGE		RESTORATION		DURATION OF OUTAGE ATTRIBUTABLE TO				Classification/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration		SIL	Ckt. Kms.	Weghance Factor	H=(G*(Z+Z))/Z	% Availability as certified by certifying agency		
					DATE TIME	DATE TIME	POWER @ (T) hrs/Min	OTHERS # (U) hrs/Min	System overvoltage/ Natural calamity # (C) hrs/Min	Deemed Available * (D) hrs/Min	Z	(E)												
																# (F)	# (G)						# (H)	# (I)
		SUB TOTAL	21.233	NR-3										NRPC	744.00	21.233	15797.35	338425.175	335425.18	100.00				
79	NR340010	400KV LUCKNOW(765)-KANPUR(GIS)-I	159.700	NR-3										NRPC	744.00	159.700	118816.80							
		SUB TOTAL	159.700	NR-3										NRPC	744.00	159.700	118816.80	18975042.96	18975042.96	100.00				
80	NR340011	400KV LUCKNOW(765)-KANPUR(GIS)-II	159.700	NR-3										NRPC	744.00	159.700	118816.80							
		SUB TOTAL	159.700	NR-3										NRPC	744.00	159.700	118816.80	18975042.96	18975042.96	100.00				
81	NR340016	400KV ORAI(ORAI)UP-I	41.832	NR-3										NRPC	744.00	41.832	31123.01							
		SUB TOTAL	41.832	NR-3										NRPC	744.00	41.832	31123.01							
82	NR340017	400KV ORAI(ORAI)UP-II	41.832	NR-3										NRPC	744.00	41.832	31123.01							
		SUB TOTAL	41.832	NR-3										NRPC	744.00	41.832	31123.01							
83	NR340004	400KV VARANASI(SARNATH-I)	69.677	NR-3										NRPC	744.00	69.677	51839.69							
		SUB TOTAL	69.677	NR-3										NRPC	744.00	69.677	51839.69	3612033.941	3612033.94	100.00				
		400KV Lines		NR-3			127.18	15.03	36.27	4340.23				NRPC										
		220 KV Lines		NR-3										NRPC										
1	NR322002	220 KV RANVAI (UP) - PANKI (UP)	13.701	NR-3	11:05-20 08:43	11:05-20 20:50	00:00	00:00	00:00	12:07	NR-3	OSFD	Emergency hand tripped by Rania(UP) for changing R-Ph CT clamp at Rania (UP) end.	NRPC	744.00	13.701	10193.54							
		220 KV RANVAI (UP) - PANKI (UP)	13.701	NR-3	22:05-20 17:13	22:05-20 19:38	00:00	02:25	00:00	00:00	NR-3	OSMSU	Tripped because of LV side CT blast of 315 MVA ICT-1 at Panki (UP) end.	NRPC	741.58	13.701	10160.43							
		220 KV RANVAI (UP) - PANKI (UP)	13.701	NR-3	25:05-20 14:09	25:05-20 17:58	00:00	03:49	00:00	00:00	NR-3	OSMSU	Tripped on B-N fault. Panki end details: F/D=1.39 KM, F/C= 10.96 kA, Rania end details: F/D=27.6 KM. Fault in UPCLL. Line jurisdiction out of total line length of 30.39KM powergrid have jurisdiction over 8.7KM from Rania end.	NRPC	740.18	13.701	10141.25							
		220 KV RANVAI (UP) - PANKI (UP) Total	13.701	NR-3			00:00	06:14	00:00	12:07				NRPC	737.77	13.701	10108.14	138491.6412	138491.64	100.00				
2	NR320004	220kv AgrajPG-Bharatpur(Raj.)	55.858	NR-3	06:05-20 14:19	06:05-20 15:27	00:00	01:08	00:00	00:00	NR-3	OSMSU	Line tripped only from Bharatpur (RVPNL) end due to some protection problem at their end.	NRPC	742.87	55.858	41495.05							
		220kv AgrajPG-Bharatpur(Raj.)	55.858	NR-3	16:05-20 13:19	16:05-20 18:39	05:20	00:00	00:00	00:00	NR-3	OSFT	Emergency S/D taken by Agraj for attending hot spot and rectifying low electrical clearance problem from 400KV Agraj-Bharatpur-2 between line no.33-34.	NRPC	744.00	55.858	41558.35							
		220kv AgrajPG-Bharatpur(Raj.) Total	55.858	NR-3	24:05-20 10:57	24:05-20 11:45	06:08	01:08	00:00	00:00	NR-3	LIFFT	Tripped on Y-B fault. Agraj end details: M1: F/D=11.41 KM, F/C: I= 10.41 kA, I=9.9 kA, M2: F/D=11.40 KM, F/C: I= 10.11 kA, I=9.9 kA.	NRPC	742.87	55.858	41558.35	281730.294	2298693.58	99.17				
		220kv AgrajPG-Sikandaraj(UP)	55.858	NR-3	06:05-20 14:19	06:05-20 15:18	00:00	00:59	00:00	00:00	NR-3	OSMSU	Line tripped only from Sikandaraj(UPCLL) end due to some protection problem at their end.	NRPC	743.02	55.858	41503.42							
		220kv AgrajPG-Sikandaraj(UP)	55.858	NR-3	10:05-20 14:13	10:05-20 16:58	00:00	02:45	00:00	00:00	NR-3	OSMSU	Tripped on DT received at Agraj. Bus bar protection operated at Sikandaraj(UP) end.	NRPC	741.25	55.858	41404.74							
		220kv AgrajPG-Sikandaraj(UP)	55.858	NR-3	10:05-20 09:56	11:05-20 18:40	08:44	00:00	00:00	00:00	NR-3	OSFT	S/D taken for AMP of Line Bay equipment at Agraj.	NRPC	744.00	55.858	41558.35							
3	NR320003	220kv AgrajPG-Sikandaraj(UP)	55.858	NR-3	16:05-20 12:14	16:05-20 18:37	06:23	00:00	00:00	00:00	NR-3	OSFT	Emergency S/D taken by Agraj for attending hot spot and rectifying low clearance problem from 400KV Agraj-Bharatpur-2 between line no.33-34.	NRPC	744.00	55.858	41558.35							
		220kv AgrajPG-Sikandaraj(UP)	55.858	NR-3	26:05-20 22:12	26:05-20 23:48	00:00	01:36	00:00	00:00	NR-3	SBBU	Tripped on Bus bar protection operated at Sikandaraj(UPCLL) and DT received at Agraj.	NRPC	742.40	55.858	41668.98							
		220kv AgrajPG-Sikandaraj(UP)	55.858	NR-3	29:05-20 21:14	29:05-20 22:47	00:00	01:33	00:00	00:00	NR-3	OSMSU	Tripped only from Sikandaraj(UP) end on Y-N fault during Heavy thunderstorm accompanied with lightning, hail & gusty winds reported in the area. Agraj end details: M1- 16.6km, 7.325KA, M2- 16.61km, 7.621KA.	NRPC	742.45	55.858	41471.77							
		220kv AgrajPG-Sikandaraj(UP) Total	55.858	NR-3			15:07	06:53	00:00	00:00				NRPC	737.12	55.858	41173.86	2299898.626	2252723.87	97.96				
4	NR122006	220KV AUR-SIKANDARA-I	182.176	NR-3	10:05-20 14:13	10:05-20 17:06	00:00	02:53	00:00	00:00	NR-3	SBBU	Tripped due to Bus bar protection operated at Sikandaraj(UP) end.	NRPC	741.12	182.176	135013.67							
		220KV AUR-SIKANDARA-II	182.176	NR-3	26:05-20 22:12	26:05-20 23:57	00:00	01:45	00:00	00:00	NR-3	SBBU	Tripped on Bus bar protection operated at Sikandaraj(UPCLL) end.	NRPC	742.25	182.176	135220.14							
		220KV AUR-SIKANDARA-I Total	182.176	NR-3			00:00	04:38	00:00	00:00				NRPC	739.37	182.176	134694.86	24538171.16	24538171.16	100.00				
		220KV AUR-SIKANDARA-II	182.176	NR-3	10:05-20 14:13	10:05-20 17:10	00:00	02:57	00:00	00:00	NR-3	SBBU	Tripped due to Bus bar protection operated at Sikandaraj(UP) end.	NRPC	741.05	182.176	135001.52							
		220KV AUR-SIKANDARA-II Total	182.176	NR-3	26:05-20 22:12	26:05-20 23:56	00:00	01:44	00:00	00:00	NR-3	SBBU	Tripped on Bus bar protection operated at Sikandaraj(UPCLL) end.	NRPC	742.27	182.176	135223.17							
5	NR122007	220KV AUR-SIKANDARA-II	182.176	NR-3	29:05-20 19:26	30:05-20 00:51	00:00	00:00	05:25	00:00	NR-3	LNCC	Tripped on B-N fault during Heavy thunderstorm accompanied with lightning, hail & gusty winds reported in the area. Sikandaraj end details: 0.5km, 4.8KA.	NRPC	738.58	182.176	134522.16							
		220KV AUR-SIKANDARA-II Total	182.176	NR-3			00:00	04:41	05:25	00:00				NRPC	723.90	182.176	132989.97	24356742.9	24356742.90	100.00				
		220KV DGANGA-PTIHORAGH	59.010	NR-3	08:05-20 09:05	08:05-20 16:13	07:08	00:00	00:00	00:00	NR-3	OSFT	S/D taken for AMP of line bay equipment at Pithoragharj end.	NRPC	744.00	59.010	43903.44							
6	NR122013	220KV DGANGA-PTIHORAGH	59.010	NR-3	26:05-20 14:31	26:05-20 16:52	00:00	02:21	00:00	00:00	NR-3	OSMSU	Tripped on over current protection operation. B Ph fault occurred at Dhuiljingsung NTPC end and DT received at Pithoragharj.	NRPC	741.65	59.010	43764.77							
		220KV DGANGA-PTIHORAGH Total	59.010	NR-3			07:08	02:21	00:00	00:00				NRPC	741.65	59.010	43764.77	2825258.871	2557719.32	99.04				
7	NR122040	220KV FATEHPUR-KNP SOUTH	6.170	NR-3	13:05-20 13:04	13:05-20 14:47	00:00	01:43	00:00	00:00	NR-3	OSMSU	Tripped on R-N fault. F.D.=7.6KM from Fatehpur & 56.5KM from Kampur(S). F.C.=5.76KA at Fatehpur & 2.42KA at Kampur(S). Fault is in UPCLL. Line jurisdiction. Powergrid have jurisdiction over 5.286km out of total 65km line length.	NRPC	742.28	6.170	4579.89							
		220KV FATEHPUR-KNP SOUTH	6.170	NR-3	21:05-20 16:31	22:05-20 13:55	00:00	21:24	00:00	00:00	NR-3	OSMSU	Tripped on B-N fault. F.D.=6.4KM from Fatehpur & 1.3KM from Kampur(S). F.C.=2.65KA at Fatehpur & 6.99KA at Kampur(S). Fault is in UPCLL. Line jurisdiction. Powergrid have jurisdiction over 5.286km out of total 65km line length.	NRPC	722.60	6.170	4458.44							
		220KV FATEHPUR-KNP SOUTH Total	6.170	NR-3			00:00	23:07	00:00	00:00				NRPC	720.88	6.170	4447.85	27443.23553	27443.24	100.00				
8	NR122041	220KV FATEHPUR-NAUBASTA	6.170	NR-3	27:05-20 13:01	27:05-20 13:37	00:00	00:36	00:00	00:00	NR-3	OSMSU	Tripped on R-N fault. Fatehpur end details: M1- 18.2km, 7.3KA, M2- 8.4km, 9.6KA. Naubasta(UP) end details: 39.4km, 0.91KA. Fault is under UPCLL jurisdiction. Powergrid have jurisdiction over 76km.	NRPC	743.40	6.170	4586.78							
		220KV FATEHPUR-NAUBASTA Total	6.170	NR-3			00:00	00:36	00:00	00:00				NRPC	743.40	6.170	4586.78	28300.42026	28300.42	100.00				
		220KV KNP-MANPURI	10.400	NR-3	22:05-20 11:07	22:05-20 19:54	08:47	00:00	00:00	00:00	NR-3	OSFT	Emergency S/D taken to attend hot spot in B-Phase line isolator at kampur (PD) end.	NRPC	744.00	10.400	7737.60							
9	NR122016	220KV KNP-MANPURI	10.400	NR-3	23:05-20 14:35	23:05-20 16:08	00:00	01:33	00:00	00:00	NR-3	OSMSU	Tripped on B-N fault. Kampur S/S detail: M1=41.8KM, 2.19KA, M2=30.9KM, 2.548KA. Kampur(AFA) detail: 58.20KM, 4.85KA. Fault in UPCLL line jurisdiction. Powergrid have jurisdiction over 10.6km out of 151KM line length.	NRPC	742.45	10.400	7721.48							
		220KV KNP-MANPURI	10.400	NR-3	30:05-20 14:29	30:05-20 17:12	00:00	07:43	00:00	00:00	NR-3	OSMSU	Tripped on Y-B phase. Fault Detail : Kampur S/S M1=53.5KM, I=4.29KA, I=4.38KA M2=52.6KM, I=4.28KA, I=4.38KA, Kampur(AFA)=52.9KM, 4.6KA. Fault in UPCLL jurisdiction. Powergrid have jurisdiction over 10.6km out of 151KM line length.	NRPC	741.28	10.400	7709.35							
		220KV KNP-MANPURI Total	10.400	NR-3			08:47	04:16	00:00	00:00				NRPC	738.73	10.400	7693.23	80009.55733	79059.55	98.81				
10	NR122017	220KV KNP-NAUBASTA	14.860	NR-3	27:05-20 08:32	27:05-20 19:26	10:54	00:00	00:00	00:00	NR-3	OSFT	Emergency S/D taken to attend hot spot in R Ph line isolator at Kampur end. Line charged from Kampur end at 1926 hrs but Naubasta(UP) could not synchronise line due to some CB isolator problem at Naubasta(UP) end.	NRPC	744.00	14.860	11055.84							
		220KV KNP-NAUBASTA	14.860	NR-3	27:05-20 19:26	27:05-20 20:00	00:00	00:34	00:00	00:00	NR-3	OSMSU	Emergency S/D taken to attend hot spot in R Ph line isolator at Kampur end. Line charged from Kampur end at 1926 hrs but Naubasta(UP) could not synchronise line due to some CB isolator problem at Naubasta(UP) end.	NRPC	743.43	14.860	11047.42							
		220KV KNP-NAUBASTA Total	14.860	NR-3			10:54	00:34	00:00	00:00				NRPC	743.43	14.860	11047.42	164164.6513	161577.72	98.53				
11	NR122019	220KV KNP-PANKI-II	14.860	NR-3	21:05-20 11:50	21:05-20 13:50	00:00	02:00	00:00	00:00	NR-3	OSMSU	Tripped only from Panki end on B-N fault. F.D.= 19.68KM from Kampur. F.C.= 5.635KA. Fault is in UPCLL. Line jurisdiction. Powergrid have jurisdiction over 14.86KM out of total line length of 23.86KM.	NRPC	742.00	14.860	11026.12	</						

Sr.No.	Unique ID of Transmission Element	ELEMENT NAME	Description (Length/No./MVA/MVA/M W/ctc)	Region	OUTAGE		RESTORATION		DURATION OF OUTAGE ATTRIBUTABLE TO				Classification/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration		SIL	Ckt. Km.	Weightage Factor	H=(G*(Z+D))/Z	% Availability as certified by certifying agency			
					DATE TIME	DATE TIME	POWER	GRID	OTHERS	System constraint: Natural calamity	Deemed Available	Z				F									
												# (T) hrs/Min				# (B) hrs/Min	# (C) hrs/Min						# (D) hrs/Min	Z	F
18	NR122034	220KV TNKPR-SITARGANJ	42.550	NR-3	07-05-20 02:30	07-05-20 03:00			00:00	00:30	00:00	00:00	00:00	OMSU	Line tripped only from Tanakpur (NHPC) end due to some protection problem at their end.	NRPC	743.50	42.550	31635.92						
		220KV TNKPR-SITARGANJ	42.550	NR-3	07-05-20 03:04	07-05-20 03:09	00:00	00:05	00:00	00:00	00:00	00:00	00:00	OMSU	Line tripped only from Tanakpur (NHPC) end due to some protection problem at their end.	NRPC	743.92	42.550	31635.65						
		220KV TNKPR-SITARGANJ	42.550	NR-3	13-05-20 10:32	13-05-20 18:35	00:00	00:00	00:00	00:00	00:00	00:00	00:00	OSPD	S/D taken by Tanakpur (NHPC) for oil top up in CTs and maintenance work in CB at Tanakpur end	NRPC	744.00	42.550	31657.20						
		220KV TNKPR-SITARGANJ Total	42.550	NR-3			00:00	00:35	00:00	00:00	00:03				NRPC	743.42	42.550	31632.38	1345957.734	1345957.73	100.00				
19	BILUP2208	220KV ALLD-JHUSIUP	21.879	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	21.879	16277.98							
		220KV ALLD-JHUSIUP Total	21.879	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	21.879	16277.98	356145.8369	356145.84	100.00				
20	BILUP2210	220KV JHUSIUP-JHUSIUP	16.894	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	16.894	12569.14							
		220KV ALLD-REWA RD-I	3.000	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	3.000	2232.00							
21	BILUP2202	220KV ALLD-REWA RD-II	3.000	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	3.000	2232.00							
		220KV ALLD-REWA RD-III	3.000	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	3.000	2232.00							
22	BILUP2203	220KV ALLD-REWA RD-III	3.000	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	3.000	2232.00							
		220KV ALLD-REWA RD-III	3.000	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	3.000	2232.00							
23	NR122012	220KV DGAंगा-BLVIUPH	234.590	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	234.590	174534.96							
		220KV DGAंगा-BLVIUPH Total	234.590	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	234.590	174534.96	40944156.27	40944156.27	100.00				
24	NR122038	220KV FATEHPUR-FTHPRUPH	5.284	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	5.284	3931.30							
		220KV FATEHPUR-FTHPRUPH	5.284	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	5.284	3931.30	20772.96806	20772.97	100.00				
25	NR122039	220KV FATEHPUR-FTHPRUPH	5.284	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	5.284	3931.30							
		220KV FATEHPUR-FTHPRUPH	5.284	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	5.284	3931.30	20772.96806	20772.97	100.00				
26	NR122021	220KV KNP-UNCHR-II	143.553	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	143.553	106803.43							
		220KV KNP-UNCHR-II	143.553	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	143.553	106803.43	15331953.07	15331953.07	100.00				
27	NR122023	220KV KNP-UNCHR-IV	144.630	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	144.630	107604.72							
		220KV KNP-UNCHR-IV	144.630	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	144.630	107604.72	15562870.65	15562870.65	100.00				
28	NR122025	220KV RAIBRLY-CG OTIUPH	1.190	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	1.190	885.36							
		220KV RAIBRLY-CG OTIUPH	1.190	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	1.190	885.36	1053.5784	1053.58	100.00				
29	NR122036	220KV UNCHR-RAIBRLY-I	0.920	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	0.920	684.48							
		220KV UNCHR-RAIBRLY-I	0.920	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	0.920	684.48	629.7216	629.72	100.00				
30	NR122038	220KV UNCHR-RAIBRLY-II	0.920	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	0.920	684.48							
		220KV UNCHR-RAIBRLY-II	0.920	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	0.920	684.48	629.7216	629.72	100.00				
31	NR122037	220KV UNCHR-RAIBRLY-III	42.500	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	42.500	31620.00							
		220KV UNCHR-RAIBRLY-III	42.500	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	42.500	31620.00	1343850.0	1343850.00	100.00				
32	NR322001	220KV KANPUR(PG) - RANIVAL UP-1	1.683	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	1.683	1252.15							
		220KV KANPUR(PG) - RANIVAL UP-1	1.683	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	1.683	1252.15	2107.371816	2107.37	100.00				
1	BILUP13201	220KV Lines		NR-3					55.38	67.32	05.25	28.53		NRPC											
		132 KV TRANS LINES		NR-3										NRPC											
		112KV MAUL-BALIA	58.000	NR-3						00:00	00:00	00:00	00:00		NRPC		744.00	58.000	43152.00						
		132 KV Line	58.000	NR-3						00:00	00:00	00:00	00:00		NRPC		744.00	58.000	43152.00	2502816	2502816.00	100.00			
1	NR11CT707	765/400KV ICT-I AGRA	1500.000	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	1500.000								
		765/400KV ICT-I AGRA Total	1500.000	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	1500.000								
		765/400KV ICT-II AGRA	1500.000	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	1500.000								
		765/400KV ICT-II AGRA Total	1500.000	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	1500.000								
2	NR11CT708	765/400KV ICT-II BALIA	1500.000	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	1500.000								
		765/400KV ICT-II BALIA	1500.000	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	1500.000								
		765/400KV ICT-II BALIA	1500.000	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	1500.000								
		765/400KV ICT-II BALIA	1500.000	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	1500.000								
3	NR11CT701	765/400KV ICT-I BALIA	1500.000	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	1500.000								
		765/400KV ICT-I BALIA	1500.000	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	1500.000								
		765/400KV ICT-I BALIA	1500.000	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	1500.000								
		765/400KV ICT-I BALIA	1500.000	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	1500.000								
4	NR11CT702	765/400KV ICT-I FATEHPUR	1500.000	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	1500.000								
		765/400KV ICT-I FATEHPUR	1500.000	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	1500.000								
		765/400KV ICT-I FATEHPUR	1500.000	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	1500.000								
		765/400KV ICT-I FATEHPUR	1500.000	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	1500.000								
5	NR11CT706	765/400KV ICT-II LUCKNOW	1500.000	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	1500.000								
		765/400KV ICT-II LUCKNOW	1500.000	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	1500.000								
		765/400KV ICT-II LUCKNOW	1500.000	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	1500.000								
		765/400KV ICT-II LUCKNOW	1500.000	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	1500.000								
6	NR11CT703	765/400KV ICT-I BAREILLY	1500.000	NR-3					00:00	00:00	00:00	00:00		NRPC		744.00	1500.000								
		765/400KV ICT-I BAREILLY	1500.000	NR-3					00:00	00:00	00:00														

Sr.No.	Unique ID of Transmission Element	ELEMENT NAME	Description (Length/No./MVA/MVA/M W/c/c)	Region	DATE TIME	RESTORATION DATE TIME	DURATION OF OUTAGE ATTRIBUTABLE TO				Classification/ Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration		SIL	Ckt. Kms.	Weightage Factor	H=(G*(Z+Z))/Z	% Availability as certified by certifying agency									
							POWER @ (7) hrs/Min	OTHERS # (8) hrs/Min	System constraints: Natural calamity # (C) hrs/Min	Deemed Available * (D) hrs/Min				Z	(E)														
																					# (7) hrs/Min	# (8) hrs/Min	# (C) hrs/Min	# (D) hrs/Min	Z	(E)	(F)	G=Z*F	H
11	NR1ICT48	315MVA ICT-I FATEHPUR SUB TOTAL	315,000 315,000	NR-3 NR-3			00:00 00:00	00:00 00:00	00:00 00:00	00:00 00:00		NRPC NRPC	744.00 744.00	315,000 315,000		315,000	315.00	100.00											
12	NR1ICT49	315MVA ICT-II FATEHPUR SUB TOTAL	315,000 315,000	NR-3 NR-3			00:00 00:00	00:00 00:00	00:00 00:00	00:00 00:00		NRPC NRPC	744.00 744.00	315,000 315,000		315,000	315.00	100.00											
13	NR1ICT19	315MVA ICT-I KANPUR SUB TOTAL	315,000 315,000	NR-3 NR-3			00:00 00:00	00:00 00:00	00:00 00:00	00:00 00:00		NRPC NRPC	744.00 744.00	315,000 315,000		315,000	315.00	100.00											
14	NR1ICT20	315MVA ICT-II KANPUR SUB TOTAL	315,000 315,000	NR-3 NR-3			00:00 00:00	00:00 00:00	00:00 00:00	00:00 00:00		NRPC NRPC	744.00 744.00	315,000 315,000		315,000	315.00	100.00											
15	NR1ICT23	500 MVA ICT-I LUCKNOW SUB TOTAL	500,000 500,000	NR-3 NR-3			00:00 00:00	00:00 00:00	00:00 00:00	00:00 00:00		NRPC NRPC	744.00 744.00	500,000 500,000		500,000	500.00	100.00											
16	NR1ICT53	500MVA ICT-II LUCKNOW SUB TOTAL	500,000 315,000	NR-3 NR-3			00:00 00:00	00:00 00:00	00:00 00:00	00:00 00:00		NRPC NRPC	744.00 744.00	500,000 315,000		500,000	500.00	100.00											
17	NR1ICT26	315MVA ICT-I MAINPURI SUB TOTAL	315,000 315,000	NR-3 NR-3			00:00 00:00	00:00 00:00	00:00 00:00	00:00 00:00		NRPC NRPC	744.00 744.00	315,000 315,000		315,000	315.00	100.00											
18	NR3ICT02	500MVA ICT-III MAINPURI SUB TOTAL	500,000 500,000	NR-3 NR-3			00:00 00:00	00:00 00:00	00:00 00:00	00:00 00:00		NRPC NRPC	744.00 744.00	500,000 500,000		500,000	500.00	100.00											
19	NR1ICT65	500MVA ICT-I SHAHDHNPUR SUB TOTAL	500,000 500,000	NR-3 NR-3			00:00 00:00	00:00 00:00	00:00 00:00	00:00 00:00		NRPC NRPC	744.00 744.00	500,000 500,000		500,000	500.00	100.00											
20	NR1ICT66	500MVA ICT-II SHAHDHNPUR SUB TOTAL	500,000 500,000	NR-3 NR-3			00:00 00:00	00:00 00:00	00:00 00:00	00:00 00:00		NRPC NRPC	744.00 744.00	500,000 500,000		500,000	500.00	100.00											
		220/132 KV ICT'S																											
1	NR3ICT04	200MVA ICT-II RAIBAREILLY SUB TOTAL	200,000 100,000	NR-3 NR-3	07-05-20 10:32	07-05-20 14:48	04:16 00:00	00:00 00:00	00:00 00:00	00:00 00:00	OSPT	Emergency shut down taken to attend mis-alignment and sparking in R phase isolator of ICT-2.	NRPC NRPC	744.00 744.00	200,000 100,000		200,000	198.85	99.43										
2	NR1ICT39	200MVA ICT-III RAIBAREILLY SUB TOTAL	100,000 100,000	NR-3 NR-3			00:00 00:00	00:00 00:00	00:00 00:00	00:00 00:00		NRPC NRPC	744.00 744.00	100,000 100,000		100,000	100.00	100.00											
3	NR1ICT43	220/132KV ICT-I PITHORAGRH SUB TOTAL	100,000 100,000	NR-3 NR-3			00:00 00:00	00:00 00:00	00:00 00:00	00:00 00:00		NRPC NRPC	744.00 744.00	100,000 100,000		100,000	100.00	100.00											
4	NR1ICT44	220/132KV ICT-II PITHORAGRH SUB TOTAL	100,000 100,000	NR-3 NR-3			00:00 00:00	00:00 00:00	00:00 00:00	00:00 00:00		NRPC NRPC	744.00 744.00	100,000 100,000		100,000	100.00	100.00											
5	NR1ICT47	220/132KV ICT-I RAIBAREILLY SUB TOTAL	100,000 100,000	NR-3 NR-3			00:00 00:00	00:00 00:00	00:00 00:00	00:00 00:00		NRPC NRPC	744.00 744.00	100,000 100,000		100,000	100.00	100.00											
6	NR1ICT49	220/132KV ICT-I SITARGANI SUB TOTAL	100,000 100,000	NR-3 NR-3			00:00 00:00	00:00 00:00	00:00 00:00	00:00 00:00		NRPC NRPC	744.00 744.00	100,000 100,000		100,000	100.00	100.00											
7	NR1ICT41	220/132KV ICT-II SITARGANI SUB TOTAL	100,000 100,000	NR-3 NR-3			00:00 00:00	00:00 00:00	00:00 00:00	00:00 00:00		NRPC NRPC	744.00 744.00	100,000 100,000		100,000	100.00	100.00											
8	NR3ICT06	100MVA ICT-III at SITARGANI SUB TOTAL	100,000 100,000	NR-3 NR-3			00:00 00:00	00:00 00:00	00:00 00:00	00:00 00:00		NRPC NRPC	744.00 744.00	100,000 100,000		100,000	100.00	100.00											
		Total of ICT's					08:13	00:00	08:16	00:00																			
		Bus & Switch Line Reactor																											
1	NR1BRT39	125MVAR B/Reactor-I GORAKHPUR SUB TOTAL	125,000 125,000	NR-3 NR-3	04-05-20 20:58	05-05-20 06:22	00:00 00:00	00:00 00:00	00:00 00:00	09:24 09:24	SVRD	Hand tripped on Voltage regulation as per NRLDC instruction Corakhpur=391KV	NRPC NRPC	744.00 744.00	125,000 125,000														
2	NR1BRT26	125MVAR B/Reactor-II AGRA SUB TOTAL	125,000 125,000	NR-3 NR-3	31-05-20 12:29	31-05-20 14:55	00:00 00:00	00:00 00:00	02:26 02:26	00:00 00:00	SNCC	Emergency S/D taken to rectify the displaced neutral connection strip occurred during high storm on dd/29.05.20 reported in the area.	NRPC NRPC	741.57 741.57	125,000 125,000		125,000	125.00	100.00										
3	NR1BRT36	240MVAR B/Reactor-I AGRA-765 SUB TOTAL	240,000 240,000	NR-3 NR-3	14-05-20 22:13	15-05-20 07:24	00:00 00:00	00:00 00:00	00:00 00:00	09:11 09:11	SVRD	Hand tripped on voltage regulation as per NRLDC instruction. Agra=744/749KV	NRPC NRPC	744.00 744.00	240,000 240,000														
4	NR1BRT35	240MVAR B/Reactor-II AGRA-765 SUB TOTAL	240,000 240,000	NR-3 NR-3	07-05-20 22:48	10-05-20 11:30	00:00 00:00	00:00 00:00	00:00 00:00	60:42 60:42	SVRD	S/D taken for enabling M2 LBB function of main bay 715 and checking tripping on LBB operation of Main & Tie Bays at Agra S.S.	NRPC NRPC	744.00 744.00	240,000 240,000		240,000	239.07	99.61										
5	NR1BRT28	240MVAR B/Reactor-IV LUCKNOW-765 SUB TOTAL	240,000 240,000	NR-3 NR-3	19-05-20 22:44	29-05-20 05:12	00:00 00:00	00:00 00:00	22:28 22:28	00:00 00:00	SVRD	Hand tripped on voltage regulation as per NRLDC instruction. Lucknow-745KV	NRPC NRPC	744.00 744.00	240,000 240,000		240,000	240.00	100.00										
6	NR1BRT23	330MVAR B/Reactor-III FTIPUR-765 SUB TOTAL	330,000 330,000	NR-3 NR-3	11-05-20 22:36	24-05-20 19:15	00:00 00:00	00:00 00:00	308.39 308.39	00:00 00:00	SVRD	Hand tripped on voltage regulation as per NRLDC instruction. Fatehpur-738KV	NRPC NRPC	744.00 744.00	330,000 330,000		330,000	330.00	100.00										
7	NR1BRT13	93MVAR B/Reactor-VINDH AR1-W SUB TOTAL	93,000 93,000	NR-3 NR-3	01-05-20 00:00	01-05-20 00:00	00:00 00:00	00:00 00:00	744.00 744.00	00:00 00:00	SCSD	Retirement Of Circuit Breaker under ADD CAP at Vindhyachal HVDC S.S.	NRPC NRPC	744.00 744.00	93,000 93,000			93.00	100.00										
8	NR1BRT25	125MVAR B/Reactor-I AGRA SUB TOTAL	125,000 125,000	NR-3 NR-3			00:00 00:00	00:00 00:00	00:00 00:00	00:00 00:00		NRPC NRPC	744.00 744.00	125,000 125,000		125,000	125.00	100.00											
9	NR1BRT01	80MVAR B/Reactor-ALLAHABAD SUB TOTAL	80,000 80,000	NR-3 NR-3			00:00 00:00	00:00 00:00	00:00 00:00	00:00 00:00		NRPC NRPC	744.00 744.00	80,000 80,000		80,000	80.00	100.00											
10	NR1BRT33	125MVAR B/Reactor-II ALLAHABAD SUB TOTAL	125,000 125,000	NR-3 NR-3			00:00 00:00	00:00 00:00	00:00 00:00	00:00 00:00		NRPC NRPC	744.00 744.00	125,000 125,000		125,000	125.00	100.00											
11	NR1BRT02	80MVAR B/Reactor-I BALLIA SUB TOTAL	80,000 80,000	NR-3 NR-3			00:00 00:00	00:00 00:00	00:00 00:00	00:00 00:00		NRPC NRPC	744.00 744.00	80,000 80,000		80,000	80.00	100.00											
12	NR1BRT17	125MVAR B/Reactor-II BALLIA SUB TOTAL	125,000 125,000	NR-3 NR-3			00:00 00:00	00:00 00:00	00:00 00:00	00:00 00:00		NRPC NRPC	744.00 744.00	125,000 125,000		125,000	125.00	100.00											
13	NR1BRT27	125MVAR B/Reactor-III BALLIA SUB TOTAL	125,000 125,000	NR-3 NR-3			00:00 00:00	00:00 00:00	00:00 00:00	00:00 00:00		NRPC NRPC	744.00 744.00	125,000 125,000		125,000	125.00	100.00											
14	NR1BRT20	125MVAR B/Reactor-IV BALLIA SUB TOTAL	125,000 125,000	NR-3 NR-3			00:00 00:00	00:00 00:00	00:00 00:00	00:00 00:00		NRPC NRPC	744.00 744.00	125,000 125,000		125,000	125.00	100.00											
15	NR1BRT32	240MVAR B/Reactor-I BALLIA-765 SUB TOTAL	240,000 240,000	NR-3 NR-3			00:00 00:00	00:00 00:00	00:00 00:00	00:00 00:00		NRPC NRPC	744.00 744.00	240,000 240,000		240,000	240.00	100.00											
16	NR1BRT22	240MVAR B/Reactor-II BALLIA-765 SUB TOTAL	240,000 240,000	NR-3 NR-3			00:00 00:00	00:00 00:00	00:00 00:00	00:00 00:00		NRPC NRPC	744.00 744.00	240,000 240,000		240,000	240.00	100.00											
17	NR1BRT03	80MVAR B/Reactor-BAREILLY SUB TOTAL	80,000 80,000	NR-3 NR-3			00:00 00:00	00:00 00:00	00:00 00:00	00:00 00:00		NRPC NRPC	744.00 744.00	80,000 80,000		80,000	80.00	100.00											
18	NR1BRT44	250MVAR B/Reactor-BAREILLY SUB TOTAL	100,000 100,000	NR-3 NR-3			00:00 00:00	00:00 00:00	00:00 00:00	00:00 00:00		NRPC NRPC	744.00 744.00	100,000 100,000		100,000	100.00	100.00											
19	NR1BRT50	240MVAR B/Reactor-I BAREILLY-765 SUB TOTAL	240,000 240,000	NR-3 NR-3			00:00 00:00	00:00 00:00	00:00 00:00	00:00 00:00		NRPC NRPC	744.00 744.00	240,000 240,000		240,000	240.00	100.00											
20	NR1BRT16	125MVAR B/Reactor-I FATEHPUR SUB TOTAL	125,000 125,000	NR-3 NR-3			00:00 00:00	00:00 00:00	00:00 00:00	00:00 00:00		NRPC NRPC	744.00 744.00	125,000 125,000		125,000	125.00	100.00											
21	NR1BRT19	125MVAR B/Reactor-II FATEHPUR SUB TOTAL	125,000 125,000	NR-3 NR-3			00:00 00:00	00:00 00:00	00:00 00:00	00:00 00:00		NRPC NRPC	744.00 744.00	125,000 125,000		125,000	125.00	100.00											
22	NR1BRT46	125MVAR B/Reactor-II GORAKHPUR SUB TOTAL	125,000 125,000	NR-3 NR-3			00:00 00:00	00:00 00:00	00:00 00:00	00:00 00:00		NRPC NRPC	744.00 744.00	125,000 125,000		125,000	125.00	100.00											
23	NR1BRT10	80MVAR B/Reactor- LUCKNOW SUB TOTAL	80,000 80,000	NR-3 NR-3			00:00 00:00	00:00 00:00	00:00 00:00	00:00 00:00		NRPC NRPC	744.00 744.00	80,000 80,000		80,000	80.00												

Sr.No.	Unique ID of Transmission Element	ELEMENT NAME	Description (Length/No./MVA/MVA/M/Ws/c)	Region	OUTAGE DATE TIME	RESTORATION DATE TIME	DURATION OF OUTAGE ATTRIBUTABLE TO				Classification/Category Code	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	Total Duration Available for Consideration	SIL	Ckt. Kms.	Weightage Factor	H=(G*(Z+Z))/Z	% Availability as certified by certifying agency	
							POWER	GRID	OTHERS	System Contingency										Deemed Available
							# (A)	# (B)	# (C)	# (D)										
							Hrs/Min	Hrs/Min	Hrs/Min	Hrs/Min										
28		SUB TOTAL	93.00	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	93.000		93.000	93.00	100.00		
	NR1BRT42	125MVAR B/Reactor-I VINOH	125.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	125.000		125.000	125.00	100.00		
		SUB TOTAL	125.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	125.000		125.000	125.00	100.00		
29		SUB TOTAL	125.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	125.000		125.000	125.00	100.00		
	NR1BRT43	125MVAR B/Reactor-II VINOH	125.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	125.000		125.000	125.00	100.00		
30		SUB TOTAL	125.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	125.000		125.000	125.00	100.00		
	NR3BRT06	330MVAR B/Reactor-I VARANASI	330.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	330.000		330.000	330.00	100.00		
31		SUB TOTAL	330.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	330.000		330.000	330.00	100.00		
	NR1BRT56	330MVAR B/Reactor-II VARANASI	330.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	330.000		330.000	330.00	100.00		
32		SUB TOTAL	330.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	330.000		330.000	330.00	100.00		
	NR1SRT01	AGRA 50MVAR S/R BHWADI-CKT-I	50.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	50.000		50.000	50.00	100.00		
33		SUB TOTAL	50.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	50.000		50.000	50.00	100.00		
	NR1SRT20	AGRA 240MVAR S/R FATEHPUR CKT-II	240.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	240.000		240.000	240.00	100.00		
34		SUB TOTAL	240.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	240.000		240.000	240.00	100.00		
	NR1SRT02	ALHBD 50MVAR S/R MNPR CKT-I	50.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	50.000		50.000	50.00	100.00		
35		SUB TOTAL	50.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	50.000		50.000	50.00	100.00		
	NR1SRT03	ALHBD 50MVAR S/R MNPR CKT-II	50.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	50.000		50.000	50.00	100.00		
36		SUB TOTAL	50.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	50.000		50.000	50.00	100.00		
	NR1SRT18	BALLA 240MVAR S/R GAYA LINE	240.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	240.000		240.000	240.00	100.00		
37		SUB TOTAL	240.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	240.000		240.000	240.00	100.00		
	NR1SRT16	BALLA 240MVAR S/R LUCKNOW CKT-I	240.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	240.000		240.000	240.00	100.00		
38		SUB TOTAL	240.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	240.000		240.000	240.00	100.00		
	NR1SRT04	BARILY 50MVAR S/R MIND CKT-I	50.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	50.000		50.000	50.00	100.00		
39		SUB TOTAL	50.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	50.000		50.000	50.00	100.00		
	NR1SRT05	BARILY 50MVAR S/R MIND CKT-II	50.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	50.000		50.000	50.00	100.00		
40		SUB TOTAL	50.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	50.000		50.000	50.00	100.00		
	NR1SRT17	FATEHPUR 330MVAR S/R AGRA LINE	330.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	330.000		330.000	330.00	100.00		
41		SUB TOTAL	330.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	330.000		330.000	330.00	100.00		
	NR1SRT07	GORAKH 50MVAR S/R LKO CKT-I	50.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	50.000		50.000	50.00	100.00		
42		SUB TOTAL	50.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	50.000		50.000	50.00	100.00		
	NR1SRT08	GORAKH 50MVAR S/R LKO CKT-II	50.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	50.000		50.000	50.00	100.00		
43		SUB TOTAL	50.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	50.000		50.000	50.00	100.00		
	NR1SRT11	GORAKH 63MVAR S/R LKO-III LINE	63.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	63.000		63.000	63.00	100.00		
44		SUB TOTAL	63.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	63.000		63.000	63.00	100.00		
	NR1SRT12	GORAKH 63MVAR S/R LKO-IV LINE	63.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	63.000		63.000	63.00	100.00		
45		SUB TOTAL	63.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	63.000		63.000	63.00	100.00		
	NR1SRT24	GORAKH 80MVAR S/R BARR-I LINE	80.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	80.000		80.000	80.00	100.00		
46		SUB TOTAL	80.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	80.000		80.000	80.00	100.00		
	NR1SRT25	GORAKH 80MVAR S/R BARR-II LINE	80.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	80.000		80.000	80.00	100.00		
47		SUB TOTAL	80.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	80.000		80.000	80.00	100.00		
	NR1SRT13	LUCKNOW 63MVAR S/R GAP-III LINE	63.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	63.000		63.000	63.00	100.00		
48		SUB TOTAL	63.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	63.000		63.000	63.00	100.00		
	NR1SRT14	LUCKNOW 63MVAR S/R GAP-IV LINE	63.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	63.000		63.000	63.00	100.00		
49		SUB TOTAL	63.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	63.000		63.000	63.00	100.00		
	NR1SRT15	LUCKNOW 240MVAR S/R BALLA CKT-I	240.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	240.000		240.000	240.00	100.00		
50		SUB TOTAL	240.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	240.000		240.000	240.00	100.00		
	NR1SRT26	LUCKNOW 240MVAR S/R Bareilly Line	240.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	240.000		240.000	240.00	100.00		
51		SUB TOTAL	240.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	240.000		240.000	240.00	100.00		
	NR3BRT01	240MVAR B/Reactor-I KANPUR(GIS)	240.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	240.000		240.000	240.00	100.00		
52		SUB TOTAL	240.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	240.000		240.000	240.00	100.00		
	NR3BRT02	240MVAR B/Reactor-II KANPUR(GIS)	240.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	240.000		240.000	240.00	100.00		
53		SUB TOTAL	240.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	240.000		240.000	240.00	100.00		
	NR3BRT03	125MVAR B/Reactor-III KANPUR(GIS)	125.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	125.000		125.000	125.00	100.00		
54		SUB TOTAL	125.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	125.000		125.000	125.00	100.00		
	NR3BRT04	125MVAR B/Reactor-I VARANASI	125.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	125.000		125.000	125.00	100.00		
55		SUB TOTAL	125.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	125.000		125.000	125.00	100.00		
	NR3BRT05	125MVAR B/Reactor-I KANPUR	125.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	125.000		125.000	125.00	100.00		
56		SUB TOTAL	125.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	125.000		125.000	125.00	100.00		
	NR3BRT07	63MVAR B/Reactor-I SOHAWAL	63.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	63.000		63.000	63.00	100.00		
57		SUB TOTAL	63.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	63.000		63.000	63.00	100.00		
	NR3BRT08	330MVAR B/Reactor-II AUGHAN	330.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	330.000		330.000	330.00	100.00		
58		SUB TOTAL	330.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	330.000		330.000	330.00	100.00		
	NR3BRT09	330MVAR B/Reactor-I ALIGABH	330.000	NR-3			00:00	00:00	00:00	00:00		NRPC	744.00	330.000		330.000	3			