

Standard of Performance data for the month of July-2022

Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD., NORTHERN REGION-I

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
BSR	125MVAR,BUS REACTOR-1 AT AJMER			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR,BUS REACTOR-1 AT AJMER			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-1 AT BAGPAT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	80MVAR,BUS REACTOR-1 AT BALLABGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	50MVAR,BUS REACTOR-1 AT BASSI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	50MVAR,BUS REACTOR-2 AT BASSI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	50MVAR,BUS REACTOR-3 AT BASSI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-4 AT BASSI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	06/07/22	09:53:00	06/07/22	16:08:00	0.26	0.00	0.00	0.00	6.25		* Hand tripped on Voltage Regulation. Voltage-398 KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	10/07/22	09:38:00	10/07/22	14:34:00	0.21	0.00	0.00	0.00	4.93		* Hand tripped on Voltage Regulation. Voltage-398 KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	31/07/22	12:05:00	31/07/22	15:27:00	0.14	0.00	0.00	0.00	3.37		* Hand tripped on Voltage Regulation. Voltage-396 KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	12/07/22	10:40:00	12/07/22	15:47:00	0.21	0.00	0.00	0.00	5.12		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	30/07/22	09:49:00	30/07/22	15:40:00	0.24	0.00	0.00	0.00	5.85		* Hand tripped on Voltage Regulation. Voltage-396 KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	20/07/22	10:10:00	20/07/22	16:32:00	0.27	0.00	0.00	0.00	6.37		* Hand tripped on Voltage Regulation. Voltage-398 KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	16/07/22	11:08:00	16/07/22	13:58:00	0.12	0.00	0.00	0.00	2.83		* Hand tripped on Voltage Regulation. Voltage-399 KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	23/07/22	11:41:00	23/07/22	13:16:00	0.07	0.00	0.00	0.00	1.58		* Hand tripped on Voltage Regulation. Voltage-398 KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	19/07/22	10:20:00	19/07/22	15:06:00	0.20	0.00	0.00	0.00	4.77		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	01/07/22	09:23:00	01/07/22	13:15:00	0.16	0.00	0.00	0.00	3.87		* Hand tripped on Voltage Regulation. Voltage-396 KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	15/07/22	10:48:00	15/07/22	13:08:00	0.10	0.00	0.00	0.00	2.33		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	09/07/22	10:35:00	09/07/22	16:08:00	0.23	0.00	0.00	0.00	5.55		* Hand tripped on Voltage Regulation. Voltage-398 KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	13/07/22	10:00:00	13/07/22	15:24:00	0.23	0.00	0.00	0.00	5.40		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	14/07/22	10:34:00	14/07/22	13:10:00	0.11	0.00	0.00	0.00	2.60		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	21/07/22	10:47:00	21/07/22	15:32:00	0.20	0.00	0.00	0.00	4.75		* Hand tripped on Voltage Regulation. Voltage-398 KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	27/07/22	13:47:00	28/07/22	16:47:00	1.13	0.00	0.00	0.00	27.00		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	08/07/22	12:02:00	08/07/22	16:46:00	0.20	0.00	0.00	0.00	4.73		* Hand tripped on Voltage Regulation. Voltage-398 KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	18/07/22	10:11:00	18/07/22	15:38:00	0.23	0.00	0.00	0.00	5.45		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	29/07/22	10:38:00	29/07/22	15:56:00	0.22	0.00	0.00	0.00	5.30		* Hand tripped on Voltage Regulation. Voltage-396 KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	04/07/22	12:17:00	04/07/22	15:09:00	0.12	0.00	0.00	0.00	2.87		* Hand tripped on Voltage Regulation. Voltage-396 KV.
							4.65	0.00	0.00	0.00	110.92	100.00	
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	08/07/22	10:22:00	08/07/22	15:23:00	0.21	0.00	0.00	0.00	5.02		* Hand tripped on Voltage Regulation. Voltage-750 KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	21/07/22	10:22:00	21/07/22	15:29:00	0.21	0.00	0.00	0.00	5.12		* Hand tripped on Voltage Regulation. Voltage-752 KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	14/07/22	11:19:00	14/07/22	13:09:00	0.08	0.00	0.00	0.00	1.83		* Hand tripped on Voltage Regulation. Voltage-755 KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	05/07/22	09:33:00	05/07/22	15:13:00	0.24	0.00	0.00	0.00	5.67		* Hand tripped on Voltage Regulation. Voltage-750 KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	06/07/22	09:54:00	06/07/22	13:46:00	0.16	0.00	0.00	0.00	3.87		* Hand tripped on Voltage Regulation. Voltage-750 KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	30/07/22	09:50:00	30/07/22	15:20:00	0.23	0.00	0.00	0.00	5.50		* Hand tripped on Voltage Regulation. Voltage-752 KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	29/07/22	09:05:00	29/07/22	13:51:00	0.20	0.00	0.00	0.00	4.77		* Hand tripped on Voltage Regulation. Voltage-752 KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	12/07/22	10:12:00	12/07/22	15:38:00	0.23	0.00	0.00	0.00	5.43		* Hand tripped on Voltage Regulation. Voltage-755 KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	11/07/22	10:03:00	11/07/22	14:10:00	0.17	0.00	0.00	0.00	4.12		* Hand tripped on Voltage Regulation. Voltage-752 KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	07/07/22	09:56:00	07/07/22	13:15:00	0.14	0.00	0.00	0.00	3.32		* Hand tripped on Voltage Regulation. Voltage-750 KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	10/07/22	10:40:00	10/07/22	13:15:00	0.11	0.00	0.00	0.00	2.58		* Hand tripped on Voltage Regulation. Voltage-760 KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	LVRD	28/07/22	14:26:00	28/07/22	15:47:00	0.06	0.00	0.00	0.00	1.35		* Hand tripped on Voltage Regulation. Voltage-752 KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	20/07/22	09:05:00	20/07/22	15:44:00	0.28	0.00	0.00	0.00	6.65		* Hand tripped on Voltage Regulation. Voltage-750 KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	15/07/22	10:46:00	15/07/22	13:13:00	0.10	0.00	0.00	0.00	2.45		* Hand tripped on Voltage Regulation. Voltage-755 KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	09/07/22	10:25:00	09/07/22	13:16:00	0.12	0.00	0.00	0.00	2.85		* Hand tripped on Voltage Regulation. Voltage-750 KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	27/07/22	15:07:00	27/07/22	18:29:00	0.14	0.00	0.00	0.00	3.37		* Hand tripped on Voltage Regulation. Voltage-749 KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	31/07/22	09:58:00	31/07/22	13:13:00	0.14	0.00	0.00	0.00	3.25		* Hand tripped on Voltage Regulation. Voltage-752 KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	25/07/22	11:54:00	25/07/22	14:02:00	0.09	0.00	0.00	0.00	2.13		* Hand tripped on Voltage Regulation. Voltage-750 KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	04/07/22	09:01:00	04/07/22	13:29:00	0.19	0.00	0.00	0.00	4.47		* Hand tripped on Voltage Regulation. Voltage-750 KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	13/07/22	09:52:00	13/07/22	15:09:00	0.22	0.00	0.00	0.00	5.28		* Hand tripped on Voltage Regulation. Voltage-755 KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	16/07/22	11:10:00	16/07/22	15:04:00	0.16	0.00	0.00	0.00	3.90		* Hand tripped on Voltage Regulation. Voltage-758 KV.
							3.48	0.00	0.00	0.00	82.93	100.00	
BSR	240MVAR,BUS REACTOR-2 AT BHADLA-2	SVRD	05/07/22	11:43:00	05/07/22	15:45:00	0.17	0.00	0.00	0.00	4.03		* Hand tripped on Voltage Regulation. Voltage-396 KV.
BSR	240MVAR,BUS REACTOR-2 AT BHADLA-2	SVRD	19/07/22	10:47:00	19/07/22	13:39:00	0.12	0.00	0.00	0.00	2.87		* Hand tripped on Voltage Regulation. Voltage-754 KV.
BSR	240MVAR,BUS REACTOR-2 AT BHADLA-2	SVRD	12/07/22	10:19:00	12/07/22	16:16:00	0.25	0.00	0.00	0.00	5.95		* Hand tripped on Voltage Regulation. Voltage-755 KV.
BSR	240MVAR,BUS REACTOR-2 AT BHADLA-2	SVRD	11/07/22	09:52:00	11/07/22	13:13:00	0.14	0.00	0.00	0.00	3.35		* Hand tripped on Voltage Regulation. Voltage-755 KV.
BSR	240MVAR,BUS REACTOR-2 AT BHADLA-2	SVRD	08/07/22	11:22:00	08/07/22	17:34:00	0.26	0.00	0.00	0.00	6.20		* Hand tripped on Voltage Regulation. Voltage-760 KV.
BSR	240MVAR,BUS REACTOR-2 AT BHADLA-2	SVRD	10/07/22	11:09:00	10/07/22	13:39:00	0.10	0.00	0.00	0.00	2.50		* Hand tripped on Voltage Regulation. Voltage-760 KV.
BSR	240MVAR,BUS REACTOR-2 AT BHADLA-2	SVRD	04/07/22	13:00:00	04/07/22	14:04:00	0.04	0.00	0.00	0.00	1.07		* Hand tripped on Voltage Regulation. Voltage-396 KV.
BSR	240MVAR,BUS REACTOR-2 AT BHADLA-2	SVRD	07/07/22	10:09:00	07/07/22	13:35:00	0.14	0.00	0.00	0.00	3.43		* Hand tripped on Voltage Regulation. Voltage-760 KV.
BSR	240MVAR,BUS REACTOR-2 AT BHADLA-2	SVRD	06/07/22	10:10:00	06/07/22	14:05:00	0.16	0.00	0.00	0.00	3.92		* Hand tripped on Voltage Regulation. Voltage-760 KV.
BSR	240MVAR,BUS REACTOR-2 AT BHADLA-2	SVRD	13/07/22	09:37:00	13/07/22	12:17:00	0.11	0.00	0.00	0.00	2.67		* Hand tripped on Voltage Regulation. Voltage-755 KV.

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	14/07/22	10:36:00	14/07/22	12:45:00	0.09	0.00	0.00	0.00	2.15		* Hand tripped on Voltage Regulation. Voltage-755 KV.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	21/07/22	11:07:00	21/07/22	15:38:00	0.19	0.00	0.00	0.00	4.52		* Hand tripped on Voltage Regulation. Voltage-750 KV.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	29/07/22	09:41:00	29/07/22	15:30:00	0.24	0.00	0.00	0.00	5.82		* Hand tripped on Voltage Regulation. Voltage-757 KV.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	LVRD	28/07/22	13:42:00	28/07/22	16:38:00	0.12	0.00	0.00	0.00	2.93		* Hand tripped on Voltage Regulation. Voltage-750 KV.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	20/07/22	09:22:00	20/07/22	15:11:00	0.24	0.00	0.00	0.00	5.82		* Hand tripped on Voltage Regulation. Voltage-753 KV.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	31/07/22	10:24:00	31/07/22	15:58:00	0.23	0.00	0.00	0.00	5.57		* Hand tripped on Voltage Regulation. Voltage-757 KV.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	30/07/22	10:26:00	30/07/22	16:08:00	0.24	0.00	0.00	0.00	5.70		* Hand tripped on Voltage Regulation. Voltage-757 KV.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	09/07/22	10:29:00	09/07/22	13:32:00	0.13	0.00	0.00	0.00	3.05		* Hand tripped on Voltage Regulation. Voltage-750 KV.
							2.97	0.00	0.00	0.00	71.55	100.00	
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	06/07/22	09:27:00	06/07/22	16:15:00	0.28	0.00	0.00	0.00	6.80		* Hand tripped on Voltage Regulation. Voltage-399 KV.
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	13/07/22	10:03:00	13/07/22	15:36:00	0.23	0.00	0.00	0.00	5.55		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	09/07/22	10:35:00	09/07/22	16:21:00	0.24	0.00	0.00	0.00	5.77		* Hand tripped on Voltage Regulation. Voltage-398 KV.
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	31/07/22	12:03:00	31/07/22	15:42:00	0.15	0.00	0.00	0.00	3.65		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	11/07/22	10:27:00	11/07/22	15:05:00	0.19	0.00	0.00	0.00	4.63		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	16/07/22	10:03:00	30/07/22	15:26:00	14.22	0.00	0.00	0.00	341.38		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	10/07/22	09:45:00	10/07/22	13:42:00	0.17	0.00	0.00	0.00	3.95		* Hand tripped on Voltage Regulation. Voltage-398 KV.
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	15/07/22	10:25:00	15/07/22	13:35:00	0.13	0.00	0.00	0.00	3.17		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	07/07/22	10:40:00	07/07/22	13:34:00	0.12	0.00	0.00	0.00	2.90		* Hand tripped on Voltage Regulation. Voltage-398 KV.
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	04/07/22	12:23:00	04/07/22	14:49:00	0.10	0.00	0.00	0.00	2.43		* Hand tripped on Voltage Regulation. Voltage-396 KV.
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	01/07/22	09:23:00	01/07/22	13:19:00	0.16	0.00	0.00	0.00	3.93		* Hand tripped on Voltage Regulation. Voltage-396 KV.
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	14/07/22	10:53:00	14/07/22	13:38:00	0.12	0.00	0.00	0.00	2.75		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	12/07/22	10:40:00	12/07/22	16:05:00	0.23	0.00	0.00	0.00	5.42		* Hand tripped on Voltage Regulation. Voltage-397 KV.
							16.34	0.00	0.00	0.00	392.33	100.00	
BSR	240MVAR.BUS REACTOR-1 AT BADHLA	SVRD	14/07/22	09:52:00	14/07/22	14:53:00	0.21	0.00	0.00	0.00	5.02		* Hand tripped on Voltage Regulation. Voltage-758 KV.
BSR	240MVAR.BUS REACTOR-1 AT BADHLA	SVRD	30/07/22	09:38:00	30/07/22	16:08:00	0.27	0.00	0.00	0.00	6.50		* Hand tripped on Voltage Regulation. Voltage-765 KV.
BSR	240MVAR.BUS REACTOR-1 AT BADHLA	SVRD	07/07/22	10:02:00	07/07/22	14:00:00	0.17	0.00	0.00	0.00	3.97		* Hand tripped on Voltage Regulation. Voltage-750 KV.
BSR	240MVAR.BUS REACTOR-1 AT BADHLA	SVRD	25/07/22	10:39:00	25/07/22	13:59:00	0.14	0.00	0.00	0.00	3.33		* Hand tripped on Voltage Regulation. Voltage-750 KV.
BSR	240MVAR.BUS REACTOR-1 AT BADHLA	SVRD	20/07/22	09:19:00	20/07/22	15:53:00	0.27	0.00	0.00	0.00	6.57		* Hand tripped on Voltage Regulation. Voltage-750 KV.
BSR	240MVAR.BUS REACTOR-1 AT BADHLA	SVRD	05/07/22	10:08:00	05/07/22	16:17:00	0.26	0.00	0.00	0.00	6.15		* Hand tripped on Voltage Regulation. Voltage-750 KV.
BSR	240MVAR.BUS REACTOR-1 AT BADHLA	SVRD	09/07/22	10:22:00	09/07/22	16:10:00	0.24	0.00	0.00	0.00	5.80		* Hand tripped on Voltage Regulation. Voltage-747 KV.
BSR	240MVAR.BUS REACTOR-1 AT BADHLA	SVRD	27/07/22	13:46:00	28/07/22	16:18:00	1.11	0.00	0.00	0.00	26.53		* Hand tripped on Voltage Regulation. Voltage-750 KV.
BSR	240MVAR.BUS REACTOR-1 AT BADHLA	SVRD	10/07/22	09:43:00	10/07/22	15:10:00	0.23	0.00	0.00	0.00	5.45		* Hand tripped on Voltage Regulation. Voltage-750 KV.
BSR	240MVAR.BUS REACTOR-1 AT BADHLA	SVRD	06/07/22	09:29:00	06/07/22	16:09:00	0.28	0.00	0.00	0.00	6.67		* Hand tripped on Voltage Regulation. Voltage-750 KV.
BSR	240MVAR.BUS REACTOR-1 AT BADHLA	SVRD	12/07/22	09:29:00	12/07/22	16:49:00	0.31	0.00	0.00	0.00	7.33		* Hand tripped on Voltage Regulation. Voltage-758 KV.
BSR	240MVAR.BUS REACTOR-1 AT BADHLA	SVRD	08/07/22	09:31:00	08/07/22	16:07:00	0.28	0.00	0.00	0.00	6.60		* Hand tripped on Voltage Regulation. Voltage-750 KV.
BSR	240MVAR.BUS REACTOR-1 AT BADHLA	SVRD	29/07/22	09:30:00	29/07/22	13:23:00	0.16	0.00	0.00	0.00	3.88		* Hand tripped on Voltage Regulation. Voltage-765 KV.
BSR	240MVAR.BUS REACTOR-1 AT BADHLA	SVRD	18/07/22	13:30:00	18/07/22	15:48:00	0.10	0.00	0.00	0.00	2.30		* Hand tripped on Voltage Regulation. Voltage-756 KV.
BSR	240MVAR.BUS REACTOR-1 AT BADHLA	SVRD	16/07/22	11:26:00	16/07/22	16:08:00	0.20	0.00	0.00	0.00	4.70		* Hand tripped on Voltage Regulation. Voltage-755 KV.
BSR	240MVAR.BUS REACTOR-1 AT BADHLA	SVRD	21/07/22	09:55:00	21/07/22	16:05:00	0.26	0.00	0.00	0.00	6.17		* Hand tripped on Voltage Regulation. Voltage-755 KV.
BSR	240MVAR.BUS REACTOR-1 AT BADHLA	SVRD	13/07/22	09:36:00	13/07/22	14:31:00	0.21	0.00	0.00	0.00	4.92		* Hand tripped on Voltage Regulation. Voltage-758 KV.
BSR	240MVAR.BUS REACTOR-1 AT BADHLA	SVRD	17/07/22	10:32:00	17/07/22	15:14:00	0.20	0.00	0.00	0.00	4.70		* Hand tripped on Voltage Regulation. Voltage-755 KV.
BSR	240MVAR.BUS REACTOR-1 AT BADHLA	SVRD	15/07/22	10:24:00	15/07/22	14:22:00	0.17	0.00	0.00	0.00	3.97		* Hand tripped on Voltage Regulation. Voltage-758 KV.
BSR	240MVAR.BUS REACTOR-1 AT BADHLA	SVRD	23/07/22	11:44:00	23/07/22	13:15:00	0.06	0.00	0.00	0.00	1.52		* Hand tripped on Voltage Regulation. Voltage-750 KV.
BSR	240MVAR.BUS REACTOR-1 AT BADHLA	SVRD	31/07/22	10:13:00	31/07/22	15:58:00	0.24	0.00	0.00	0.00	5.75		* Hand tripped on Voltage Regulation. Voltage-765 KV.
BSR	240MVAR.BUS REACTOR-1 AT BADHLA	SVRD	04/07/22	10:23:00	04/07/22	13:32:00	0.13	0.00	0.00	0.00	3.15		* Hand tripped on Voltage Regulation. Voltage-750 KV.
BSR	240MVAR.BUS REACTOR-1 AT BADHLA	SVRD	19/07/22	10:12:00	19/07/22	15:06:00	0.20	0.00	0.00	0.00	4.90		* Hand tripped on Voltage Regulation. Voltage-755 KV.
BSR	240MVAR.BUS REACTOR-1 AT BADHLA	SVRD	11/07/22	09:51:00	11/07/22	17:04:00	0.30	0.00	0.00	0.00	7.22		* Hand tripped on Voltage Regulation. Voltage-758 KV.
							6.00	0.00	0.00	0.00	143.10	100.00	
BSR	80MVAR.BUS REACTOR-1 AT BHIWADI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR.BUS REACTOR-1 AT BHIWANI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR.BUS REACTOR-2 AT BHIWANI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	80MVAR.BUS REACTOR-1 AT BHINMAL	SVRD	01/07/22	00:00:01	01/07/22	04:46:00	0.20	0.00	0.00	0.00	4.77		* Hand tripped on Voltage Regulation. Voltage-396 KV.
BSR	80MVAR.BUS REACTOR-1 AT BHINMAL	SVRD	31/07/22	09:34:00	31/07/22	12:45:00	0.13	0.00	0.00	0.00	3.18		* Hand tripped on Voltage Regulation. Voltage-396 KV.
BSR	80MVAR.BUS REACTOR-1 AT BHINMAL	SVRD	30/07/22	10:42:00	30/07/22	16:06:00	0.23	0.00	0.00	0.00	5.40		* Hand tripped on Voltage Regulation. Voltage-396 KV.
							0.56	0.00	0.00	0.00	13.35	100.00	
BSR	125MVAR.BUS REACTOR-1 AT BIKANER	SVRD	06/07/22	09:24:00	06/07/22	16:58:00	0.32	0.00	0.00	0.00	7.57		* Hand tripped on Voltage Regulation. Voltage-399 KV.
BSR	125MVAR.BUS REACTOR-1 AT BIKANER	SVRD	30/07/22	11:21:00	30/07/22	15:25:00	0.17	0.00	0.00	0.00	4.07		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	125MVAR.BUS REACTOR-1 AT BIKANER	SVRD	12/07/22	10:41:00	12/07/22	15:51:00	0.22	0.00	0.00	0.00	5.17		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	125MVAR.BUS REACTOR-1 AT BIKANER	SVRD	16/07/22	10:02:00	16/07/22	13:45:00	0.16	0.00	0.00	0.00	3.72		* Hand tripped on Voltage Regulation. Voltage-399 KV.
BSR	125MVAR.BUS REACTOR-1 AT BIKANER	SVRD	14/07/22	10:17:00	14/07/22	13:39:00	0.14	0.00	0.00	0.00	3.37		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	125MVAR.BUS REACTOR-1 AT BIKANER	SVRD	09/07/22	10:37:00	09/07/22	16:16:00	0.24	0.00	0.00	0.00	5.65		* Hand tripped on Voltage Regulation. Voltage-398 KV.
BSR	125MVAR.BUS REACTOR-1 AT BIKANER	SVRD	01/07/22	09:28:00	01/07/22	13:11:00	0.16	0.00	0.00	0.00	3.72		* Hand tripped on Voltage Regulation. Voltage-396 KV.
BSR	125MVAR.BUS REACTOR-1 AT BIKANER	SVRD	31/07/22	12:06:00	31/07/22	15:32:00	0.14	0.00	0.00	0.00	3.43		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	125MVAR.BUS REACTOR-1 AT BIKANER	SVRD	15/07/22	10:27:00	15/07/22	13:35:00	0.13	0.00	0.00	0.00	3.13		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	125MVAR.BUS REACTOR-1 AT BIKANER	SVRD	23/07/22	11:40:00	23/07/22	13:23:00	0.07	0.00	0.00	0.00	1.72		* Hand tripped on Voltage Regulation. Voltage-398 KV.
BSR	125MVAR.BUS REACTOR-1 AT BIKANER	SVRD	13/07/22	10:48:00	13/07/22	15:51:00	0.21	0.00	0.00	0.00	5.05		* Hand tripped on Voltage Regulation. Voltage-397 KV.
							1.96	0.00	0.00	0.00	46.60	100.00	
BSR	330MVAR.BUS REACTOR-1 AT BIKANER	SVRD	05/07/22	10:41:00	05/07/22	15:17:00	0.19	0.00	0.00	0.00	4.60		* Hand tripped on Voltage Regulation. Voltage-750 KV.
BSR	330MVAR.BUS REACTOR-1 AT BIKANER	SVRD	13/07/22	10:02:00	13/07/22	15:52:00	0.24	0.00	0.00	0.00	5.83		* Hand tripped on Voltage Regulation. Voltage-754 KV.
BSR	330MVAR.BUS REACTOR-1 AT BIKANER	SVRD	14/07/22	10:15:00	14/07/22	14:55:00	0.19	0.00	0.00	0.00	4.67		* Hand tripped on Voltage Regulation. Voltage-754 KV.



Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-2 AT JAIPUR SOUTH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR,BUS REACTOR-1 AT PHAGI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR,BUS REACTOR-1 AT JHATIKARA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR,BUS REACTOR-2 AT JHATIKARA	SVRD	08/07/22	12:15:00	09/07/22	16:04:00	1.16	0.00	0.00	0.00	27.82	100.00	* Hand tripped on Voltage Regulation. Voltage-760 KV.
BSR	125MVAR,BUS REACTOR-1 AT JIND	SVRD	01/07/22	00:00:01	31/07/22	23:59:59	31.00	0.00	0.00	0.00	744.00	100.00	* Hand tripped on Voltage Regulation. Voltage-395 KV.
BSR	25MVAR,BUS REACTOR-2 AT JIND			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-1 AT KANKROLI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	50MVAR,BUS REACTOR-2 AT KANKROLI	SVRD	01/07/22	00:00:01	31/07/22	03:41:00	30.15	0.00	0.00	0.00	723.68	100.00	* Hand tripped on Voltage Regulation. Voltage-400 KV.
BSR	125MVAR,BUS REACTOR-1 AT KOTESHWAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR,BUS REACTOR-1 AT KOTESHWAR	SVRD	28/07/22	09:57:00	30/07/22	01:53:00	1.66	0.00	0.00	0.00	39.93	100.00	* Hand tripped on Voltage Regulation. Voltage-750 KV.
BSR	240MVAR,BUS REACTOR-1 AT KOTESHWAR	SVRD	08/07/22	12:34:00	09/07/22	06:00:00	0.73	0.00	0.00	0.00	17.43	100.00	* Hand tripped on Voltage Regulation. Voltage-755 KV.
BSR	240MVAR,BUS REACTOR-1 AT KOTESHWAR	SVRD	25/07/22	11:03:00	26/07/22	05:17:00	0.76	0.00	0.00	0.00	18.23	100.00	* Hand tripped on Voltage Regulation. Voltage-750 KV.
BSR	240MVAR,BUS REACTOR-1 AT KOTESHWAR	SVRD	27/07/22	11:37:00	28/07/22	04:17:00	0.69	0.00	0.00	0.00	16.67	100.00	* Hand tripped on Voltage Regulation. Voltage-398 KV.
BSR	240MVAR,BUS REACTOR-1 AT KOTESHWAR	SVRD	23/07/22	20:03:00	24/07/22	17:07:00	0.88	0.00	0.00	0.00	21.07	100.00	* Hand tripped on Voltage Regulation. Voltage-750 KV.
BSR	80MVAR,BUS REACTOR-1 AT KOTA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	50MVAR,BUS REACTOR-2 AT KOTA	SVRD	01/07/22	00:00:01	25/07/22	04:06:00	24.17	0.00	0.00	0.00	580.10	100.00	* Hand tripped on Voltage Regulation. Voltage-394 KV.
BSR	80MVAR,BUS REACTOR-1 AT KOTPUTLI	SVRD	06/07/22	10:52:00	07/07/22	13:33:00	1.11	0.00	0.00	0.00	26.68	100.00	* Hand tripped on Voltage Regulation. Voltage-396 KV.
BSR	125MVAR,BUS REACTOR-1 AT KURUKSHETRA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	50MVAR,BUS REACTOR-1 AT MANDOLA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-2 AT MANDOLA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	25MVAR,BUS REACTOR-3 AT MANDOLA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-1 AT MANESAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-2 AT MANESAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR,BUS REACTOR-1 AT MEERUT	SVRD	10/07/22	19:26:00	17/07/22	04:12:00	6.37	0.00	0.00	0.00	152.77	100.00	* Hand tripped on Voltage Regulation. Voltage-758 KV.
BSR	240MVAR,BUS REACTOR-1 AT MEERUT	SVRD	03/07/22	22:25:00	09/07/22	18:34:00	5.84	0.00	0.00	0.00	140.15	100.00	* Hand tripped on Voltage Regulation. Voltage-747 KV.
BSR	50MVAR,BUS REACTOR-2 AT MEERUT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-1 AT MEERUT	SVRD	04/07/22	11:06:00	09/07/22	16:17:00	5.22	0.00	0.00	0.00	125.18	100.00	* Hand tripped on Voltage Regulation. Voltage-396 KV.
BSR	50MVAR,BUS REACTOR-1 AT MURADNAGAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	80MVAR,BUS REACTOR-1 AT NEEMRANA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-1 AT RATANGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-1 AT ROORKEE	SVRD	02/07/22	15:07:00	31/07/22	23:59:59	29.37	0.00	0.00	0.00	704.88	100.00	* Hand tripped on Voltage Regulation. Voltage-396 KV.
BSR	50MVAR,BUS REACTOR-1 AT SAHARANPUR	SVRD	07/07/22	11:59:00	31/07/22	23:59:59	24.50	0.00	0.00	0.00	588.02	100.00	* Hand tripped on Voltage Regulation. Voltage-396 KV.
BSR	50MVAR,BUS REACTOR-2 AT SAHARANPUR	SVRD	07/07/22	11:59:00	31/07/22	23:59:59	24.50	0.00	0.00	0.00	588.02	100.00	* Hand tripped on Voltage Regulation. Voltage-747 KV.
BSR	80MVAR,BUS REACTOR-1 AT SIKAR	SVRD	19/07/22	10:49:00	25/07/22	03:51:00	5.71	0.00	0.00	0.00	137.03	100.00	* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	125MVAR,BUS REACTOR-2 AT SIKAR	SVRD	19/07/22	10:48:00	20/07/22	16:56:00	1.26	0.00	0.00	0.00	30.13	100.00	* Hand tripped on Voltage Regulation. Voltage-398 KV.
BSR	125MVAR,BUS REACTOR-1 AT SONIPAT	SVRD	19/07/22	12:57:00	31/07/22	23:59:59	12.46	0.00	0.00	0.00	299.05	100.00	* Hand tripped on Voltage Regulation. Voltage-398 KV.
BSR	125MVAR,BUS REACTOR-1 AT SONIPAT	SVRD	01/07/22	00:00:01	01/07/22	04:38:00	0.19	0.00	0.00	0.00	4.63	100.00	* Hand tripped on Voltage Regulation. Voltage-394 KV.
BSR	125MVAR,BUS REACTOR-2 AT SONIPAT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-1 AT TUGHLAKABAD	SVRD	01/07/22	00:00:01	31/07/22	04:05:00	30.17	0.00	0.00	0.00	724.08	100.00	* Hand tripped on Voltage Regulation. Voltage-394 KV.

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO IISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
CKT	220kV ANTA(NTPC)-BHILWARA(RRVPNL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV ANTA(NTPC)-BHILWARA(RRVPNL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV ANTA(NTPC)-LALSOT(RRVPNL)	OMSU	02/07/22	15:37:00	02/07/22	17:20:00	0.07	0.00	1.72	0.00	0.00	100.00	* Autoreclosed at Lalsote end but CB tripped at Anta (NTPC) end during transient R-N fault due to autoreclosure problem at their end. Anta-R-N/34.25KM/3.396KA, Lalsote-R-N/137.3KM/1.02KA. Fault under Kota TL jurisdiction.
CKT	220kV ANTA(NTPC)-LALSOT(RRVPNL)	OSFD	21/07/22	15:19:00	21/07/22	18:19:00	0.13	0.00	0.00	0.00	3.00	100.00	* Charging delay from ANTA end due to CB closing problem at their end.
CKT	220kV ANTA(NTPC)-LALSOT(RRVPNL)	LNCC	20/07/22	23:52:00	21/07/22	15:19:00	0.64	0.00	0.00	15.45	0.00	100.00	* Line tripped due to heavy rain. Anta-Z-1/8.303KM/la-8.766KA,lb-8.781KA, lc-2.599KA. Lalsot-R-Y/155KM/a-1.19KA, lb-8.78KA, lc-0.07KA.
CKT	220kV ANTA(NTPC)-RAPP(NPCIL)			00:00:00		00:00:00	0.84	0.00	1.72	15.45	3.00	100.00	
CKT	220kV ANTA(NTPC)-SAWAI MADHOPUR(RRVPNL)	LART	25/07/22	00:39:00	25/07/22	00:39:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line Auto reclose on B-N Fault. FLR: Sawaimadhapur-Zone-1/28.58Km/2.146Ka. Fault under Kota TL jurisdiction.
CKT	220kV BASSI-IG NAGAR(RRVPNL)	OSFD	06/07/22	11:45:00	06/07/22	17:10:00	0.23	0.00	0.00	0.00	5.42	100.00	* Forced shutdown by RRVPNL to attend the CB and line isolator problem their end.
CKT	220kV BASSI-IG NAGAR(RRVPNL)	OMSU	07/07/22	18:20:00	07/07/22	20:50:00	0.10	0.00	2.50	0.00	0.00	100.00	* Tripped on R-Y fault in RRVPNL jurisdiction. FLR-Bassi-27.5 KM/lr-6.5 KA= ,ly-6.2 KA,IG Nagar-1.76 KM,lr-10.27 KA,ly-10.57 KA.
CKT	220kV BASSI-IG NAGAR(RRVPNL)	OSFD	05/07/22	19:10:00	06/07/22	11:45:00	0.69	0.00	0.00	0.00	16.58	100.00	* Forced Hand tripped from I.G Nagar(RRVPNL) due to Red hot point on line isolator (in melted condition) observed at I.G Nagar.No flag facia at Bassi and line remained charged from Bassi end.Bay/protection at I.G Nagar belongs to RRVPNL.Charging attempt failed at 21:20 Hrs and also DT received at Bassi end.
CKT	220kV BASSI-BAGRU(RRVPNL)			00:00:00		00:00:00	1.02	0.00	2.50	0.00	22.00	100.00	
CKT	220kV DAUSA(RRVPNL)-BASSI-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV DAUSA(RRVPNL)-BASSI-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV FGPP(NTPC)-PALLA(HVPNL)-1	OMSU	13/07/22	10:42:00	13/07/22	15:32:00	0.20	0.00	4.83	0.00	0.00	100.00	* Tripped on R-N fault during sand unloading by the Dumper truck b/w loc.29-30 below the line.FLR:FGPP-9.44 KM/7.13 KA,Palla-5.2 KM/3.37 kA.
CKT	220kV FGPP(NTPC)-PALLA(HVPNL)-2			00:00:00		00:00:00	0.20	0.00	4.83	0.00	0.00	100.00	
CKT	220kV FGPP(NTPC)-SAMAYPUR(BBMB)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV FGPP(NTPC)-SAMAYPUR(BBMB)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220KV-FGPP NTPC-SEC 58(HVPNL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220KV-FGPP NTPC-SEC 58(HVPNL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV HISAR-HISAR(HVPNL)-1	OSFD	10/07/22	10:39:00	10/07/22	12:43:00	0.09	0.00	0.00	0.00	2.07	100.00	* Forced Shutdown by HVPNL for safety purpose while working in circuit-2 at their Hissar(IA) end due to induction.
CKT	220kV HISAR-HISAR(HVPNL)-2	OSFD	10/07/22	09:38:00	10/07/22	12:43:00	0.13	0.00	0.00	0.00	3.08	100.00	* Forced Shutdown by HVPNL to attend hot spot on R-Ph Bus-1 isolator clamp at their Hissar(IA) end.
CKT	220kV IG NAGAR(RRVPNL)-HIRAPURA(RRVPNL)			00:00:00		00:00:00	0.13	0.00	0.00	0.00	3.08	100.00	
CKT	220kV LALSOT(RRVPNL)-DAUSA(RRVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV MANSROVAR(RRVPNL)-HIRAPURA(RRVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV MEERUT-MODIPURAM(UPPTCL)-1	LART	21/07/22	11:56:00	21/07/22	11:56:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line autoreclose on R-N fault.Meerut-13.6KA/5.85KM. Fault under UPPCL jurisdiction.
CKT	220kV MEERUT-MODIPURAM(UPPTCL)-2	OSPT	02/07/22	10:04:00	02/07/22	17:48:00	0.32	7.73	0.00	0.00	0.00	98.96	* Shutdown for annual mainteance works in line bay equipments.
CKT	220kV MEERUT-NARA(UPPTCL)	LART	30/07/22	10:42:00	30/07/22	10:42:00	0.32	7.73	0.00	0.00	0.00	98.96	* A/R successful during R-N fault. FLR-Meerut-9.72KA/14.04KM, Nara-18.13KM. Fault under UPPCL jurisdiction.

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
CKT	220kV MEERUT-NARA(UPPTCL)	LART	30/07/22	09:56:00	30/07/22	09:56:00	0.00	0.00	0.00	0.00	0.00		* A/R successful during B-N fault. FLR-Meerut-7.712KA/22.625KM, Nara-9.91KM. Fault under UPPCL jurisdiction.
CKT	220kV MEERUT-NARA(UPPTCL)	OSFD	05/07/22	06:35:00	05/07/22	08:43:00	0.09	0.00	0.00	0.00	2.13		* Forced shutdown by UPPCL to attend hotspot on Bus side isolator at their Nara end.Bay/protection at Nara belongs to UPPCL.
CKT	220kV MEERUT-NARA(UPPTCL)	LART	12/07/22	14:10:00	12/07/22	14:10:00	0.00	0.00	0.00	0.00	0.00		* Line Autoreclosed on B-N fault in UPPCL jurisdiction.FLR: Meerut- B-N/8.94 KM/12.76 KA, Nara-30.25 KM.
CKT	220kV MEERUT-NARA(UPPTCL)	LART	11/07/22	00:23:00	11/07/22	00:23:00	0.00	0.00	0.00	0.00	0.00		* Line autoreclose on B-N fault. Meerut-B-N/10.47KA/13.37KM. Fault under UPPCL jurisdiction.
CKT	220kV MEERUT-NARA(UPPTCL)	LART	13/07/22	01:27:00	13/07/22	01:27:00	0.00	0.00	0.00	0.00	0.00		* Line Autoreclosed on B-N fault in UPPCL jurisdiction.FLR: Meerut- B-N/13.20 KM/10.70 KA, Nara-30.25 KM.
CKT	220kV MEERUT-NARA(UPPTCL)	OSFD	21/07/22	12:12:00	21/07/22	16:35:00	0.18	0.00	0.00	0.00	4.38		* Forced Shutdown taken by UPPCL to attend for replacement of B-phase polymer insulator at Tower no. 18.
CKT	220kV MEERUT-NARA(UPPTCL)	LART	24/07/22	17:02:00	24/07/22	17:02:00	0.00	0.00	0.00	0.00	0.00		* Autoreclosed on R-N fault.FLR:Meerut-29.616 KM/4.71 KA.Fault is under UPPCL portion.
CKT	220kV MEERUT-NARA(UPPTCL)	OSFD	14/07/22	11:02:00	14/07/22	14:26:00	0.14	0.00	0.00	0.00	3.40		* S/D by UPPCL to remove bird nest on T/loc no-58
CKT	220kV MEERUT-NARA(UPPTCL)	LART	20/07/22	16:22:00	20/07/22	16:22:00	0.00	0.00	0.00	0.00	0.00		* Auto-reclose on B-N Fault. FLR: Meerut-28.22Km/5.39Ka. Fault under UPPCL jurisdiction.
CKT	220kV MEERUT-NARA(UPPTCL)	OSFD	04/07/22	06:54:00	04/07/22	09:27:00	0.11	0.00	0.00	0.00	2.55		* Forced shutdown by UPPCL to attend hotspot on R-ph line isolator at Nara end.
CKT	220kV MEERUT-NARA(UPPTCL)	OSFD	15/07/22	10:40:00	15/07/22	13:19:00	0.11	0.00	0.00	0.00	2.65		* Forced S/D by UPPCL for replacement of flashed-over R and Y disc insulators at Tower no. 66.
							0.63	0.00	0.00	0.00	15.11	100.00	
CKT	220kV MEERUT-SHATABDINAGAR(UPPTCL)	LART	21/07/22	00:30:00	21/07/22	00:30:00	0.00	0.00	0.00	0.00	0.00		* Line autoreclose successfully on B-N fault. Meerut: 10.965 kA, 13.303KM. SHTBDNGR: 5.1kA, Z2, 27.21kM. Fault under UPPCL jurisdiction.
CKT	220kV MEERUT-SHATABDINAGAR(UPPTCL)	LART	01/07/22	00:45:00	01/07/22	00:45:00	0.00	0.00	0.00	0.00	0.00		* Line Auto reclose on Y-N Fault. FLR: Meerut-25.141Km/6.353Ka. Fault under UPPCL jurisdiction.
CKT	220kV MEERUT-SHATABDINAGAR(UPPTCL)	OSFD	28/07/22	09:41:00	28/07/22	20:35:00	0.45	0.00	0.00	0.00	10.90		* Forced Shutdown by UPPCL to attend missing R-phase CVT output voltage of all protection and metering core at Shatabdinagar.
CKT	220kV MEERUT-SHATABDINAGAR(UPPTCL)	LART	21/07/22	00:30:00	21/07/22	00:30:00	0.00	0.00	0.00	0.00	0.00		* Line autoreclose successfully on B-N fault. Meerut: 10.965 kA, 13.303KM. SHTBDNGR: 5.1kA, Z2, 27.21kM. Fault under UPPCL jurisdiction.
							0.45	0.00	0.00	0.00	10.90	100.00	
CKT	220kV MEERUT-SIMBHOLI(UPPTCL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV RAPPB(NPCIL)-CHITTORGARH(RRVPNL)	OSFT	23/07/22	12:45:00	23/07/22	17:00:00	0.18	4.25	0.00	0.00	0.00		* Forced shutdown to attend hotspot in the Y-ph PG Clamp connected b/w wave trap and line at Chittorgarh(RRVPNL end).
							0.18	4.25	0.00	0.00	0.00	99.43	
CKT	220kV RAPPB(NPCIL)-CHITTORGARH(RRVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV RAPPB(NPCIL)-RAPPB(NPCIL)	OSPD	01/07/22	00:00:01	01/07/22	19:46:00	0.82	0.00	0.00	0.00	19.77		* Shutdown by RAPPB for Tie line preventive maintenance work and other associated Bay maintenance along with BUS-II at their end.
							0.82	0.00	0.00	0.00	19.77	100.00	
CKT	220kV RAPPB(NPCIL)-UDAIPUR(RRVPNL)	LNCC	25/07/22	11:45:00	25/07/22	12:35:00	0.04	0.00	0.00	0.83	0.00		* Line tripped during thunderstorm in the area only from Debari end and Auto reclose from RAPPB end. FLR: RAPPB-R-N/1.02Km/8.75Ka, De= bari-Zone-2/225.0Km.
CKT	220kV RAPPB(NPCIL)-UDAIPUR(RRVPNL)	LART	14/07/22	20:59:00	14/07/22	20:59:00	0.00	0.00	0.00	0.00	0.00		* A/R on R-N fault.FLR-RAPPB- M-1-245.1km/0.97ka,M-2-245.9km/0.52ka.Fault is in Chitorgarh TL.
CKT	220kV RAPPB(NPCIL)-UDAIPUR(RRVPNL)	OSPD	18/07/22	10:28:00	18/07/22	20:53:00	0.43	0.00	0.00	0.00	10.42		* Shutdown by RAPPB for bay equipments maintenance work at their end.
							0.47	0.00	0.00	0.83	10.42	100.00	
CKT	220kV RATANGARH(RRVPNL)-SIKAR-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV RATANGARH(RRVPNL)-SIKAR-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220KV-SAMAYPUR(HVPNL)-SEC58-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220KV-SAMAYPUR(HVPNL)-SEC58-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV SANGANER(RRVPNL)-MANSROVAR(RRVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV S.MADHOPUR(RRVPNL)-DAUSA(RRVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV SIKAR(RRVPNL)-SIKAR-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV SIKAR(RRVPNL)-SIKAR-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV AGRA-JAIPUR SOUTH-1	LVRD	21/07/22	03:11:00	28/07/22	12:12:00	7.38	0.00	0.00	0.00	177.02		* Hand tripped on Voltage Regulation. Agra-430 KV.
CKT	400kV AGRA-JAIPUR SOUTH-1	LART	19/07/22	05:21:00	19/07/22	05:21:00	0.00	0.00	0.00	0.00	0.00		* Autoreclose successfully during R-N fault. FLR:Jaipur South-(AFAS)253.800KM/1.694KA, Agra-R-N/59.89KA.

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
CKT	400kV AGRA-JAIPUR SOUTH-1	LVRD	09/07/22	18:17:00	18/07/22	10:15:00	8.67	0.00	0.00	0.00	207.97		* Hand tripped on Voltage Regulation. Agra-427 KV.
CKT	400kV AGRA-JAIPUR SOUTH-1	SEFT	19/07/22	06:36:00	19/07/22	15:05:00	0.35	8.48	0.00	0.00	0.00		* Tripped due to failure of R-Phase LA of its Line Reactor at Agra end.
							16.40	8.48	0.00	0.00	384.99	98.86	
CKT	400kV AGRA-JAIPUR SOUTH-2	LVRD	31/07/22	03:32:00	31/07/22	23:59:59	0.85	0.00	0.00	0.00	20.47		* Line opened on voltage regulation. Agra: 425KV
CKT	400kV AGRA-JAIPUR SOUTH-2	LVRD	01/07/22	00:00:01	01/07/22	14:39:00	0.61	0.00	0.00	0.00	14.65		* Hand tripped on Voltage Regulation. Agra-428 KV.
							1.46	0.00	0.00	0.00	35.12	100.00	
CKT	400kV AGRA-SIKAR-1	LVRD	10/07/22	15:34:00	18/07/22	08:31:00	7.71	0.00	0.00	0.00	184.95		* Hand tripped on Voltage Regulation. Agra-425 KV.
CKT	400kV AGRA-SIKAR-1	LCS D	18/07/22	08:31:00	31/07/22	23:59:59	13.65	0.00	0.00	0.00	327.48		* Shutdown by NR-3 for diversion works due to construction of Delhi-Vadodra Mega expressway by NHA1. Shutdown by 28.07.2022.
							21.36	0.00	0.00	0.00	512.43	100.00	
CKT	400kV AGRA-SIKAR-2	LVRD	01/07/22	00:00:01	07/07/22	12:54:00	6.54	0.00	0.00	0.00	156.90		* Hand tripped on Voltage Regulation. Agra-422 KV.
CKT	400kV AGRA-SIKAR-2	LCS D	18/07/22	09:32:00	31/07/22	23:59:59	13.60	0.00	0.00	0.00	326.47		* Shutdown by NR-3 for diversion works due to construction of Delhi-Vadodra Mega expressway by NHA1. Shutdown by 28.07.2022.
							20.14	0.00	0.00	0.00	483.37	100.00	
CKT	400kV AJMER-AJMER(RRVPNL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV AJMER-AJMER(RRVPNL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BABAI(RRVPNL)-SIKAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BAGPAT-DEHRADUN			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BAGPAT-MEERUT-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BAGPAT-MEERUT-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BAGPAT-SAHARANPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BALLABHGARH-NAVADA(HVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BASSI-HIRAPURA(RRVPNL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BASSI-HIRAPURA(RRVPNL)-2	OSFT	18/07/22	11:44:00	18/07/22	19:03:00	0.31	7.32	0.00	0.00	0.00		* Forced shutdown to attend hotspot in line isolator at Heerapra end.
							0.31	7.32	0.00	0.00	0.00	99.02	
CKT	400kV BASSI-JAIPUR SOUTH-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BASSI-JAIPUR SOUTH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BASSI-PHAGI(RRVPNL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BASSI-PHAGI(RRVPNL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BEAWAR(SREE CEMENT)-MERTA(RRVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BAHADURGARH-BAWANA(DTL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BAHADURGARH-KABULPUR(HVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BAHADURGARH-SONIPAT-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BAHADURGARH-SONIPAT-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHADLA-BHADLA(RRVPNL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHADLA-BHADLA(RRVPNL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV-BHADLA(PG)_R-BHADLA2-1	LART	17/07/22	15:59:00	17/07/22	15:59:00	0.00	0.00	0.00	0.00	0.00		* Line Autoreclose on R-N Fault. FLR: Bhadla-45.2Km/7.0Ka, Bhadla 2-5.0Km/2.8Ka. Fault under Bhadla TL jurisdiction.
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV-BHADLA(PG)_R-BHADLA2-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BASSI-BHIWADI-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHIWADI-KOTPUTLI	OSPT	09/07/22	09:24:00	09/07/22	22:35:00	0.55	13.18	0.00	0.00	0.00		* Shutdown for creation of diamond crossing with OPGW cable.
							0.55	13.18	0.00	0.00	0.00	98.23	
CKT	400kV BHIWADI-NEEMRANA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHIWADI-NEEMRANA-2	OSFT	02/07/22	19:43:00	02/07/22	20:04:00	0.02	0.35	0.00	0.00	0.00		* Forced shutdown to attend the misalignment of R-Ph of isolator of its tie bay at Bhiwadi end.

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
							0.02	0.35	0.00	0.00	0.00	99.95	
CKT	400kV BHIWANI(BBMB)-BHIWANI	OSFT	12/07/22	11:51:00	12/07/22	19:36:00	0.32	7.75	0.00	0.00	0.00		* Forced shutdown to attend hotspot at Jumper droper of Y-Ph between dead end Tower to Gantry point at Bawana(CCGTB) end.
CKT	400kV BHIWANI(BBMB)-BHIWANI	OSPT	11/07/22	08:22:00	11/07/22	18:34:00	0.43	10.20	0.00	0.00	0.00		* Shutdown by BBMB to attend hot point on Y-Ph T-Clamp of Bus isolator no.-417 at Bhiwani(BBMB) end.
							0.75	17.95	0.00	0.00	0.00	97.59	
CKT	400kV BHIWANI-JIND-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHIWANI-JIND-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHIWANI-KABULPUR(HVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHINMAL-KANKROLI	OSPT	08/07/22	09:47:00	08/07/22	21:18:00	0.48	11.52	0.00	0.00	0.00		* Shutdown for summer line maintenance works.
							0.48	11.52	0.00	0.00	0.00	98.45	
CKT	400kV BIKANER-BHADLA(RRVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BIKANER-BIKANER(RRVPNL)	OMSU	09/07/22	13:42:00	10/07/22	20:22:00	1.28	0.00	30.67	0.00	0.00		* Tripped on R-Y fault under RRVPNL jurisdiction. FLR: Bikaner(PG)-11.45Km/Ir-12.5Ka/Iy-11.45Ka, Bikaner(RS)-18.0Km/Ir-10.0Ka/Iy-9.9Ka. Hardware conductor fitting found failed for one subconductor at location 453 during emergency patrolling by RRVPNL.
CKT	400kV BIKANER-BIKANER(RRVPNL)	OSFT	27/07/22	19:01:00	28/07/22	00:01:00	0.21	5.00	0.00	0.00	0.00		* Forced Shutdown to attend heavy sparking observed in 409-89B isolator at Bikaner(PG) while charging 409 Bay at Bikaner(PG).
							1.49	5.00	30.67	0.00	0.00	99.30	
CKT	400kV BAMNOLI(DTL)-TUGHLAKABD-1	OSFD	16/07/22	07:24:00	17/07/22	13:05:00	1.24	0.00	0.00	0.00	29.68		* Forced Shutdown by DTL for replacement of B-Ph LA at their Bamnoli end.
							1.24	0.00	0.00	0.00	29.68	100.00	
CKT	400kV BAMNOLI(DTL)-TUGHLAKABD-2	OSFD	05/07/22	09:31:00	05/07/22	13:51:00	0.18	0.00	0.00	0.00	4.33		* Forced shutdown by DTL to attend hotspots on dropper conductors <->&<-> line isolator at their Bamnoli end.Bay/protection at Bamnoli belongs to DTL.
							0.18	0.00	0.00	0.00	4.33	100.00	
CKT	400KV-BAREILY-MEERUT-3(LILO PART MEERUT)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV-BAREILY-MEERUT-4(LILO PART MEERUT)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BAWANA(DTL)-BHIWANI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV CHITTORGARH-CHITTORGARH(RRVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV CHITTORGARH-CHITTORGARH(RRVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV DADRI(NTPC)-GREATER NOIDA(UPPTCL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV DADRI(NTPC)-MANDOLA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV DADRI(NTPC)-MANDOLA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV DADRI(NTPC)-MAHRANIBAGH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV DADRI(NTPC)-MURADNAGAR(UPPTCL)	OSPD	24/07/22	10:05:00	24/07/22	18:06:00	0.33	0.00	0.00	0.00	8.02		* Shutdown by UPPCL for erection and commissioning of 2 Nos. of Bays at their Muradnagar end.
CKT	400kV DADRI(NTPC)-MURADNAGAR(UPPTCL)	OSFD	15/07/22	11:15:00	15/07/22	17:32:00	0.26	0.00	0.00	0.00	6.28		* Forced S/D by UPPCL to attend heavy sparking observed at dropper clamp on Bus tube near 405-89A Isolator at Muradnagar end.
							0.59	0.00	0.00	0.00	14.30	100.00	
CKT	400kV DADRI(NTPC)-PANIPAT(BBMB)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV DADRI(NTPC)-PANIPAT(BBMB)-2	LART	11/07/22	03:30:00	11/07/22	03:30:00	0.00	0.00	0.00	0.00	0.00		* Line autotclose. Dadri-Z-1/B-N/6.56KA/39.75KM, Panipat-Z-1/A/N/2.56KA/73.09KM. Fault is in boundary between Dadri TL <->&<-> Meerut TL jurisdiction.
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV DEHRADUN-ABDULLAPUR-1	LEFT	15/07/22	15:40:00	15/07/22	18:04:00	0.10	2.40	0.00	0.00	0.00		* Tripped on B-N fault.FLR-Dehradun-M-1-31.48km/3.58kA.M-2-25.35/4.5kA.Abd= ulapur-72km/3.2kA. Fault is in Dehradun TL. Nothing found abnormal during patrolling.
							0.10	2.40	0.00	0.00	0.00	99.68	
CKT	400kV DEHRADUN-ABDULLAPUR-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV-DWARKA-BAMNAULI-CKT1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV FATEHABAD-HISAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	



Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV-KOTESHWAR(UK)-KOTESHWAR-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KOTESHWAR-TEHRI(THDC)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KOTESHWAR-TEHRI(THDC)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV MANESAR-SOHNA(STERLITE)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV MANESAR-SOHNA(STERLITE)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV MAHARANIBAGH-BALLABHGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV-MBAGH-BAWANA-AC-CKT1	OMSU	26/07/22	12:17:00	26/07/22	15:50:00	0.15	0.00	3.55	0.00	0.00		* Line tripped from both ends due to kite thread. Maharanibagh end details- M1:15 km,R-Y phase, 17.27kA <-> M2:14.6km, R-Y phase, 17.6kA.
CKT	400KV-MBAGH-BAWANA-AC-CKT1	OSFD	22/07/22	08:34:00	22/07/22	16:04:00	0.31	0.00	0.00	0.00	7.50		* Forced S/D by DTL to attend hot spot of damaged isolator clamp of R-Ph toward bus side at Bawana end
							0.46	0.00	3.55	0.00	7.50	100.00	
CKT	400KV-MBAGH-BAWANA-AC-CKT2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV-MBAGH-MANDOLA-AC-CKT1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV-MBAGH-MANDOLA-AC-CKT2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV HAPUR(UPPTCL)-MORADABAD(UPPTCL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV MEERUT-MANDOLA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV MEERUT-MANDOLA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV MEERUT-MANDOLA-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV MEERUT-MANDOLA-4			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV MEERUT-MUZAFFARNAGAR(UPPTCL)	LART	01/07/22	06:33:00	01/07/22	06:33:00	0.00	0.00	0.00	0.00	0.00		* Line Auto reclose on Y-N Fault due to kite thread found during patrolling. FLR: Meerut-29.453Km/11.88Ka, Muzaffarnagar-4.6Km/12.6Ka. Fault under Meerut TL jurisdiction.
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV NEEMRANA-BABAI(RRVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV NEEMRANA-MANESAR-1	OSPT	09/07/22	09:31:00	09/07/22	21:58:00	0.52	12.45	0.00	0.00	0.00		* Shutdown for creation of diamond crossing with OPGW cable.
							0.52	12.45	0.00	0.00	0.00	98.33	
CKT	400kV NEEMRANA-MANESAR-2	OSPT	09/07/22	09:31:00	09/07/22	21:58:00	0.52	12.45	0.00	0.00	0.00		* Shutdown for creation of diamond crossing with OPGW cable.
							0.52	12.45	0.00	0.00	0.00	98.33	
CKT	400kV NEEMRANA-SIKAR-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAPP(NPCIL)-CHITTORGARH(RRVPNL)	OMSU	24/07/22	10:12:00	24/07/22	12:07:00	0.08	0.00	1.92	0.00	0.00		* Tripped due to DT received at Chittorgarh(RRVPNL) end from RAPP C.Bay and Protection at RAPP C belongs to NPCIL.
CKT	400kV RAPP(NPCIL)-CHITTORGARH(RRVPNL)	LART	15/07/22	01:10:00	15/07/22	01:10:00	0.00	0.00	0.00	0.00	0.00		* A/R on R-N fault.FLR-Chitorgarh-144.52/3.33kA.Fault is in Kota TL.
							0.08	0.00	1.92	0.00	0.00	100.00	
CKT	400kV RAPP(NPCIL)-KANKROLI	LART	14/07/22	01:01:00	14/07/22	01:01:00	0.00	0.00	0.00	0.00	0.00		* Auto-reclosed successfully on R-N Fault.FLR: Kankroli-110.4 KM/3.1 KA, Rapp C- 69.23 KM/3.73 KA.
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAPP(NPCIL)-KOTA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAPPD(NPCIL)-KOTA	OSFD	25/07/22	22:57:00	26/07/22	20:01:00	0.88	0.00	0.00	0.00	21.07		* Forced Shutdown by RAPPD due to risk of reactor tripping at their end because of heavy rain and thunderstorm in the area.
CKT	400kV RAPPD(NPCIL)-KOTA	LNCC	25/07/22	11:41:00	25/07/22	17:08:00	0.23	0.00	0.00	5.45	0.00		* Line tripped on Y-B Fault during heavy rain and thunderstorm. FLR: Kota-55.14Km, RAPPD-10.37Km/ly-8.10Ka/lb-5.40Ka.
							1.11	0.00	0.00	5.45	21.07	100.00	
CKT	400KV-RAPPD-KOTA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RATANGARH(RRVPNL)-SIKAR-1	LVRD	18/07/22	17:08:00	19/07/22	09:45:00	0.69	0.00	0.00	0.00	16.62		* Hand tripped on Voltage Regulation. Sikar-425 KV.
CKT	400kV RATANGARH(RRVPNL)-SIKAR-1	LVRD	20/07/22	17:37:00	21/07/22	09:39:00	0.67	0.00	0.00	0.00	16.03		* Hand tripped on Voltage Regulation. Sikar-425 KV.
CKT	400kV RATANGARH(RRVPNL)-SIKAR-1	LVRD	30/07/22	16:34:00	31/07/22	08:44:00	0.67	0.00	0.00	0.00	16.17		* Line opened on voltage regulation. Sikar: 421kV
CKT	400kV RATANGARH(RRVPNL)-SIKAR-1	LVRD	09/07/22	18:23:00	10/07/22	09:56:00	0.65	0.00	0.00	0.00	15.55		* Hand tripped on Voltage Regulation. Sikar-424 KV.
CKT	400kV RATANGARH(RRVPNL)-SIKAR-1	LVRD	06/07/22	17:41:00	07/07/22	09:03:00	0.64	0.00	0.00	0.00	15.37		* Hand tripped on Voltage Regulation. Sikar-420 KV.
CKT	400kV RATANGARH(RRVPNL)-SIKAR-1	LVRD	14/07/22	15:07:00	15/07/22	10:12:00	0.80	0.00	0.00	0.00	19.08		* Hand tripped on Voltage Regulation. Sikar-422 KV.
CKT	400kV RATANGARH(RRVPNL)-SIKAR-1	LVRD	02/07/22	04:03:00	04/07/22	12:41:00	2.36	0.00	0.00	0.00	56.63		* Hand tripped on Voltage Regulation. Sikar-425 KV.
CKT	400kV RATANGARH(RRVPNL)-SIKAR-1	LVRD	11/07/22	17:14:00	12/07/22	09:28:00	0.68	0.00	0.00	0.00	16.23		* Hand tripped on Voltage Regulation. Sikar-422 KV.
							7.16	0.00	0.00	0.00	171.68	100.00	
CKT	400kV RATANGARH(RRVPNL)-SIKAR-2	LVRD	07/07/22	17:35:00	08/07/22	11:48:00	0.76	0.00	0.00	0.00	18.22		* Hand tripped on Voltage Regulation. Sikar-420 KV.

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE TO Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
CKT	400kV RATANGARH(RRVPNL)-SIKAR-2	LVRD	12/07/22	18:12:00	14/07/22	10:10:00	1.67	0.00	0.00	0.00	39.97		* Hand tripped on Voltage Regulation. Sikar-422 KV.
CKT	400kV RATANGARH(RRVPNL)-SIKAR-2	OSFT	04/07/22	13:32:00	04/07/22	14:57:00	0.06	1.42	0.00	0.00	0.00		* Forced shutdown for attending hot-spot in 423-89A isolator towards line side at Sikar end.
CKT	400kV RATANGARH(RRVPNL)-SIKAR-2	LVRD	31/07/22	18:07:00	31/07/22	23:59:59	0.25	0.00	0.00	0.00	5.88		* Line opened on voltage regulation. Sikar: 421kV
CKT	400kV RATANGARH(RRVPNL)-SIKAR-2	LVRD	26/07/22	13:17:00	29/07/22	09:40:00	2.85	0.00	0.00	0.00	68.38		* Line opened on voltage regulation. Sikar: 411kV
CKT	400kV RATANGARH(RRVPNL)-SIKAR-2	LVRD	15/07/22	15:17:00	18/07/22	09:45:00	2.77	0.00	0.00	0.00	66.47		* Hand tripped on Voltage Regulation. Bikaner-800 KV.
CKT	400kV RATANGARH(RRVPNL)-SIKAR-2	LVRD	19/07/22	18:10:00	20/07/22	09:50:00	0.65	0.00	0.00	0.00	15.67		* Hand tripped on Voltage Regulation. Sikar-425 KV.
CKT	400kV RATANGARH(RRVPNL)-SIKAR-2	LVRD	21/07/22	18:18:00	22/07/22	09:05:00	0.62	0.00	0.00	0.00	14.78		* Hand tripped on Voltage Regulation. Sikar-425 KV.
CKT	400kV RATANGARH(RRVPNL)-SIKAR-2	LVRD	29/07/22	18:56:00	30/07/22	09:47:00	0.62	0.00	0.00	0.00	14.85		* Line opened on voltage regulation. Sikar: 411kV
CKT	400kV RATANGARH(RRVPNL)-SIKAR-2	LVRD	01/07/22	04:11:00	01/07/22	10:05:00	0.25	0.00	0.00	0.00	5.90		* Hand tripped on Voltage Regulation. Sikar-425 KV.
CKT	400kV RATANGARH(RRVPNL)-SIKAR-2	LVRD	10/07/22	15:14:00	11/07/22	10:04:00	0.79	0.00	0.00	0.00	18.83		* Hand tripped on Voltage Regulation. Sikar-422 KV.
CKT	400kV RATANGARH(RRVPNL)-SIKAR-2	LVRD	22/07/22	16:34:00	26/07/22	10:44:00	3.76	0.00	0.00	0.00	90.17		* Hand tripped on Voltage Regulation. Sikar-425 KV.
							15.05	1.42	0.00	0.00	359.12	99.81	
CKT	400kV ROORKEE-DEHRADUN			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV ROORKEE-KASHIPUR(PTCUL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV ROORKEE-KASHIPUR(PTCUL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV ROORKEE-MUZAFFARNAGAR(UPPTCL)	LART	30/07/22	01:51:00	30/07/22	01:51:00	0.00	0.00	0.00	0.00	0.00		* A/R during R-N fault in PTCUL portion of the line. FLR-Roorkee: R-N/12KA/13KM. Fault in PTCUL portion of the line.
CKT	400kV ROORKEE-MUZAFFARNAGAR(UPPTCL)	LART	11/07/22	02:01:00	11/07/22	02:01:00	0.00	0.00	0.00	0.00	0.00		* Line autoreclose on R-N fault. Roorkee-R-N/5.7KA/62.34KM. Fault under PTCUL jurisdiction.
CKT	400kV ROORKEE-MUZAFFARNAGAR(UPPTCL)	OSFD	26/07/22	13:50:00	26/07/22	15:16:00	0.06	0.00	0.00	0.00	1.43		* Forced Shutdown by UPPCL to attend hot spot on B-phase wave trap clamp at Muzaffarnagar end.
CKT	400kV ROORKEE-MUZAFFARNAGAR(UPPTCL)	LART	16/07/22	20:39:00	16/07/22	20:39:00	0.00	0.00	0.00	0.00	0.00		* Line autoreclose on B-N fault. Roorkee-69.4KM/8.58KA, Muzaffarnagar-B-N/0.731KM/18.28KA. Fault under PTCUL jurisdiction.
							0.06	0.00	0.00	0.00	1.43	100.00	
CKT	400kV ROORKEE-RISHIKESH(PTCUL)	LART	21/07/22	05:15:00	21/07/22	05:15:00	0.00	0.00	0.00	0.00	0.00		* Line Autoreclose successfully on Y-N Fault. FLR: Roorkee-26.14Km/9.60Ka. Fault under PTCUL jurisdiction.
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV ROORKEE-SAHARANPUR-1	LEFT	23/07/22	22:11:00	23/07/22	22:47:00	0.03	0.60	0.00	0.00	0.00		* Tripped on B-N Fault.FLR:-Roorkee: M1- 9.672ka, 31.103km <-(>&<)-> M2- 9.747ka, 30.881km, Saharanpur: M1- 8.114ka, 14.936km <-(>&<)-> M2: 8.142ka, 14.241km.
							0.03	0.60	0.00	0.00	0.00	99.92	
CKT	400kV SIKAR-BASSI-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV SIKAR-BASSI-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV TUGHLAKABAD-BALLABHGARH-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV TUGHLAKABAD-BALLABHGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV ZERDA(GETCO)-BHINMAL			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV ZERDA(GETCO)-KANKROLI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV AGRA-JHATIKARA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV AJMER-BHADLA2-1	LVRD	26/07/22	14:21:00	28/07/22	11:11:00	1.87	0.00	0.00	0.00	44.83		* Line opened on voltage regulation; Ajmer= 795KV
CKT	765kV AJMER-BHADLA2-1	LVRD	01/07/22	00:00:01	03/07/22	10:09:00	2.42	0.00	0.00	0.00	58.15		* Hand tripped on Voltage Regulation. Ajmer-796 KV.
CKT	765kV AJMER-BHADLA2-1	LVRD	20/07/22	17:19:00	21/07/22	09:22:00	0.67	0.00	0.00	0.00	16.05		* Hand tripped on Voltage Regulation. Ajmer-805 KV.
CKT	765kV AJMER-BHADLA2-1	LVRD	18/07/22	17:04:00	19/07/22	08:40:00	0.65	0.00	0.00	0.00	15.60		* Hand tripped on Voltage Regulation. Ajmer-805 KV.
CKT	765kV AJMER-BHADLA2-1	LVRD	23/07/22	01:05:00	23/07/22	10:42:00	0.40	0.00	0.00	0.00	9.62		* Hand tripped on Voltage Regulation. Ajmer-800 KV.
CKT	765kV AJMER-BHADLA2-1	LVRD	16/07/22	16:13:00	17/07/22	10:02:00	0.74	0.00	0.00	0.00	17.82		* Hand tripped on Voltage Regulation. Ajmer-802 KV.
CKT	765kV AJMER-BHADLA2-1	LVRD	07/07/22	00:02:00	07/07/22	09:30:00	0.39	0.00	0.00	0.00	9.47		* Hand tripped on Voltage Regulation. Ajmer-802 KV.
CKT	765kV AJMER-BHADLA2-1	LVRD	29/07/22	17:10:00	30/07/22	09:10:00	0.67	0.00	0.00	0.00	16.00		* Line opened on voltage regulation; Ajmer= 798KV
CKT	765kV AJMER-BHADLA2-1	SVRD	31/07/22	18:11:00	31/07/22	23:59:59	0.24	0.00	0.00	0.00	5.82		* Line opened on voltage regulation; Ajmer= 800 KV
CKT	765kV AJMER-BHADLA2-1	LVRD	09/07/22	18:30:00	10/07/22	09:36:00	0.63	0.00	0.00	0.00	15.10		* Hand tripped on Voltage Regulation. Ajmer-800 KV.
CKT	765kV AJMER-BHADLA2-1	LVRD	24/07/22	16:54:00	25/07/22	10:25:00	0.73	0.00	0.00	0.00	17.52		* Hand tripped on Voltage Regulation. Ajmer-800 KV.
CKT	765kV AJMER-BHADLA2-1	LVRD	15/07/22	00:24:00	15/07/22	09:09:00	0.37	0.00	0.00	0.00	8.75		* Hand tripped on Voltage Regulation. Ajmer-798 KV.
CKT	765kV AJMER-BHADLA2-1	LVRD	04/07/22	17:04:00	05/07/22	09:55:00	0.70	0.00	0.00	0.00	16.85		* Hand tripped on Voltage Regulation. Ajmer-796 KV.
							10.48	0.00	0.00	0.00	251.58	100.00	
CKT	765kV AJMER-BHADLA2-2	LVRD	08/07/22	01:51:00	08/07/22	09:25:00	0.32	0.00	0.00	0.00	7.57		* Hand tripped on Voltage Regulation. Ajmer-800 KV.
CKT	765kV AJMER-BHADLA2-2	LVRD	30/07/22	17:37:00	31/07/22	08:58:00	0.64	0.00	0.00	0.00	15.35		* Line opened on voltage regulation; Ajmer= 798KV
CKT	765kV AJMER-BHADLA2-2	LVRD	10/07/22	16:50:00	11/07/22	09:02:00	0.68	0.00	0.00	0.00	16.20		* Hand tripped on Voltage Regulation. Ajmer-801 KV.
CKT	765kV AJMER-BHADLA2-2	LVRD	21/07/22	17:57:00	22/07/22	08:17:00	0.60	0.00	0.00	0.00	14.33		* Hand tripped on Voltage Regulation. Ajmer-800 KV.
CKT	765kV AJMER-BHADLA2-2	LVRD	19/07/22	19:02:00	20/07/22	08:46:00	0.57	0.00	0.00	0.00	13.73		* Hand tripped on Voltage Regulation. Ajmer-798 KV.
CKT	765kV AJMER-BHADLA2-2	LVRD	17/07/22	15:55:00	18/07/22	08:42:00	0.70	0.00	0.00	0.00	16.78		* Hand tripped on Voltage Regulation. Ajmer-798 KV.
CKT	765kV AJMER-BHADLA2-2	LVRD	28/07/22	16:41:00	29/07/22	08:57:00	0.68	0.00	0.00	0.00	16.27		* Line opened on voltage regulation; Ajmer= 798KV
CKT	765kV AJMER-BHADLA2-2	LVRD	25/07/22	17:29:00	26/07/22	11:15:00	0.74	0.00	0.00	0.00	17.77		* Hand tripped on Voltage Regulation. Bikaner-800 KV.
CKT	765kV AJMER-BHADLA2-2	LVRD	23/07/22	17:34:00	24/07/22	10:19:00	0.70	0.00	0.00	0.00	16.75		* Hand tripped on Voltage Regulation. Ajmer-800 KV.

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
CKT	765kV AJMER-BHADLA2-2	LVRD	03/07/22	14:38:00	04/07/22	10:17:00	0.82	0.00	0.00	0.00	19.65		* Hand tripped on Voltage Regulation. Ajmer-802 KV.
CKT	765kV AJMER-BHADLA2-2	LVRD	15/07/22	17:52:00	16/07/22	09:44:00	0.66	0.00	0.00	0.00	15.87		* Hand tripped on Voltage Regulation. Ajmer-798 KV.
CKT	765kV AJMER-BHADLA2-2	LVRD	05/07/22	17:26:00	06/07/22	09:19:00	0.66	0.00	0.00	0.00	15.88		* Hand tripped on Voltage Regulation. Ajmer-802 KV.
							7.77	0.00	0.00	0.00	186.15	100.00	
CKT	765kV BHADLA-BIKANER-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV BHADLA-BIKANER-2	LART	02/07/22	10:33:00	02/07/22	10:33:00	0.00	0.00	0.00	0.00	0.00		* Autoreclosed successfully during R-N fault. Bikaner-R-N/4.2KA/111.9KM, Bhadla-B-N/8KA/54KM. Fault is in Bhadla TL jurisdiction.
CKT	765kV BHADLA-BIKANER-2	LVRD	19/07/22	04:10:00	19/07/22	09:38:00	0.23	0.00	0.00	0.00	5.47		* Hand tripped on Voltage Regulation. Bhadla-792 KV.
							0.23	0.00	0.00	0.00	5.47	100.00	
CKT	765kV BHIWANI-PHAGI(RRVPNL)-1	OSFT	27/07/22	11:30:00	27/07/22	16:50:00	0.22	5.33	0.00	0.00	0.00		* Forced Shutdown to attend opened jumper at loc-45.
							0.22	5.33	0.00	0.00	0.00	99.28	
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LVRD	01/07/22	00:00:01	04/07/22	12:15:00	3.51	0.00	0.00	0.00	84.25		* Hand tripped on Voltage Regulation. Bikaner-800 KV.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LVRD	20/07/22	17:43:00	25/07/22	12:20:00	4.78	0.00	0.00	0.00	114.62		* Hand tripped on Voltage Regulation. Bhiwani-800 KV.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LVRD	10/07/22	15:14:00	11/07/22	10:56:00	0.82	0.00	0.00	0.00	19.70		* Hand tripped on Voltage Regulation. Bhiwani-796 KV.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LVRD	28/07/22	04:33:00	31/07/22	23:59:59	3.81	0.00	0.00	0.00	91.45		* Line opened on voltage regulation; Bhiwani= 795KV
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LVRD	15/07/22	03:36:00	16/07/22	11:59:00	1.35	0.00	0.00	0.00	32.38		* Hand tripped on Voltage Regulation. Bhiwani-798 KV.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LVRD	17/07/22	01:29:00	18/07/22	09:49:00	1.35	0.00	0.00	0.00	32.33		* Hand tripped on Voltage Regulation. Bhiwani-790 KV.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	OMST	04/07/22	18:57:00	05/07/22	04:56:00	0.42	9.98	0.00	0.00	0.00		* Tripped due to broken dropper jumper of B-ph in line Bay at Bhiwani end.FLR:Bhiwani-B-N.0.226 KM/26 kA.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LVRD	05/07/22	04:56:00	05/07/22	08:25:00	0.15	0.00	0.00	0.00	3.48		* Kept open on Voltage Regulation after the charging clearance given. Phagi-790 KV.
							16.19	9.98	0.00	0.00	378.21	98.66	
CKT	765kV BHIWANI-MEERUT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV BHIWANI-MOGA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV-BIKANER-BHADLA2-ACL-CKT1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV-BIKANER-BHADLA2-ACL-CKT2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV BIKANER-MOGA-1	LVRD	23/07/22	14:32:00	24/07/22	09:42:00	0.80	0.00	0.00	0.00	19.17		* Hand tripped on Voltage Regulation. Bikaner-800 KV.
CKT	765kV BIKANER-MOGA-1	LVRD	06/07/22	17:21:00	07/07/22	09:36:00	0.68	0.00	0.00	0.00	16.25		* Hand tripped on Voltage Regulation. Bikaner-796 KV.
CKT	765kV BIKANER-MOGA-1	LVRD	08/07/22	17:44:00	09/07/22	09:24:00	0.65	0.00	0.00	0.00	15.67		* Hand tripped on Voltage Regulation. Bikaner-796 KV.
CKT	765kV BIKANER-MOGA-1	LVRD	26/07/22	15:13:00	28/07/22	12:53:00	1.90	0.00	0.00	0.00	45.67		* Line opened on voltage regulation; Bikaner= 795KV
CKT	765kV BIKANER-MOGA-1	LVRD	04/07/22	16:39:00	05/07/22	08:53:00	0.68	0.00	0.00	0.00	16.23		* Hand tripped on Voltage Regulation. Bikaner-800 KV.
CKT	765kV BIKANER-MOGA-1	LVRD	29/07/22	18:01:00	30/07/22	09:38:00	0.65	0.00	0.00	0.00	15.62		* Line opened on voltage regulation; Bikaner= 798KV
CKT	765kV BIKANER-MOGA-1	LVRD	22/07/22	00:01:00	22/07/22	09:58:00	0.42	0.00	0.00	0.00	9.95		* Hand tripped on Voltage Regulation. Bikaner-800 KV.
CKT	765kV BIKANER-MOGA-1	LVRD	01/07/22	18:04:00	03/07/22	11:53:00	1.74	0.00	0.00	0.00	41.82		* Hand tripped on Voltage Regulation. Bikaner-800 KV.
CKT	765kV BIKANER-MOGA-1	LVRD	24/07/22	16:53:00	25/07/22	09:36:00	0.70	0.00	0.00	0.00	16.72		* Hand tripped on Voltage Regulation. Bikaner-800 KV.
CKT	765kV BIKANER-MOGA-1	LVRD	31/07/22	16:42:00	31/07/22	23:59:59	0.30	0.00	0.00	0.00	7.30		* Line opened on voltage regulation; Bikaner= 798KV
CKT	765kV BIKANER-MOGA-1	LVRD	19/07/22	16:03:00	20/07/22	09:17:00	0.72	0.00	0.00	0.00	17.23		* Hand tripped on Voltage Regulation. Bikaner-795 KV.
CKT	765kV BIKANER-MOGA-1	LVRD	13/07/22	16:39:00	14/07/22	08:47:00	0.67	0.00	0.00	0.00	16.13		* Hand tripped on Voltage Regulation. Bikaner-800 KV.
CKT	765kV BIKANER-MOGA-1	LVRD	15/07/22	15:21:00	16/07/22	08:57:00	0.73	0.00	0.00	0.00	17.60		* Hand tripped on Voltage Regulation. Bikaner-800 KV.
CKT	765kV BIKANER-MOGA-1	LVRD	11/07/22	17:03:00	12/07/22	09:23:00	0.68	0.00	0.00	0.00	16.33		* Hand tripped on Voltage Regulation. Bikaner-800 KV.
CKT	765kV BIKANER-MOGA-1	LVRD	10/07/22	15:07:00	11/07/22	09:04:00	0.75	0.00	0.00	0.00	17.95		* Hand tripped on Voltage Regulation. Bikaner-798 KV.
CKT	765kV BIKANER-MOGA-1	LVRD	17/07/22	15:44:00	18/07/22	09:08:00	0.73	0.00	0.00	0.00	17.40		* Hand tripped on Voltage Regulation. Bikaner-800 KV.
							12.80	0.00	0.00	0.00	307.04	100.00	
CKT	765kV BIKANER-MOGA-2	LVRD	16/07/22	16:33:00	17/07/22	10:29:00	0.75	0.00	0.00	0.00	17.93		* Hand tripped on Voltage Regulation. Bikaner-799 KV.
CKT	765kV BIKANER-MOGA-2	SVRD	05/07/22	16:50:00	06/07/22	08:48:00	0.67	0.00	0.00	0.00	15.97		* Hand tripped on Voltage Regulation. Bikaner-796 KV.
CKT	765kV BIKANER-MOGA-2	LVRD	01/07/22	00:00:01	01/07/22	10:41:00	0.45	0.00	0.00	0.00	10.68		* Hand tripped on Voltage Regulation. Bikaner-800 KV.
CKT	765kV BIKANER-MOGA-2	LVRD	30/07/22	16:37:00	31/07/22	09:29:00	0.70	0.00	0.00	0.00	16.87		* Line opened on voltage regulation; Bikaner= 798KV
CKT	765kV BIKANER-MOGA-2	LVRD	20/07/22	18:14:00	21/07/22	09:50:00	0.65	0.00	0.00	0.00	15.60		* Hand tripped on Voltage Regulation. Bikaner-800 KV.
CKT	765kV BIKANER-MOGA-2	LVRD	14/07/22	15:09:00	15/07/22	09:48:00	0.78	0.00	0.00	0.00	18.65		* Hand tripped on Voltage Regulation. Bikaner-800 KV.
CKT	765kV BIKANER-MOGA-2	LVRD	25/07/22	17:02:00	26/07/22	11:39:00	0.78	0.00	0.00	0.00	18.62		* Hand tripped on Voltage Regulation. Bikaner-800 KV.
CKT	765kV BIKANER-MOGA-2	LVRD	09/07/22	17:20:00	10/07/22	08:46:00	0.64	0.00	0.00	0.00	15.43		* Hand tripped on Voltage Regulation. Bikaner-796 KV.
CKT	765kV BIKANER-MOGA-2	LVRD	28/07/22	18:06:00	29/07/22	09:09:00	0.63	0.00	0.00	0.00	15.05		* Line opened on voltage regulation; Bikaner= 798KV
CKT	765kV BIKANER-MOGA-2	LVRD	07/07/22	17:35:00	08/07/22	08:22:00	0.62	0.00	0.00	0.00	14.78		* Hand tripped on Voltage Regulation. Bikaner-796 KV.
CKT	765kV BIKANER-MOGA-2	LVRD	03/07/22	14:44:00	04/07/22	09:42:00	0.79	0.00	0.00	0.00	18.97		* Hand tripped on Voltage Regulation. Bikaner-796 KV.
CKT	765kV BIKANER-MOGA-2	LVRD	22/07/22	16:28:00	23/07/22	11:05:00	0.78	0.00	0.00	0.00	18.62		* Hand tripped on Voltage Regulation. Bikaner-798 KV.
CKT	765kV BIKANER-MOGA-2	LVRD	12/07/22	17:36:00	13/07/22	08:50:00	0.64	0.00	0.00	0.00	15.23		* Hand tripped on Voltage Regulation. Bikaner-800 KV.
CKT	765kV BIKANER-MOGA-2	LVRD	18/07/22	16:38:00	19/07/22	08:43:00	0.67	0.00	0.00	0.00	16.08		* Hand tripped on Voltage Regulation. Bikaner-800 KV.
							9.55	0.00	0.00	0.00	228.48	100.00	
CKT	765kV CHITTORGARH-AJMER-1	LVRD	19/07/22	15:04:00	20/07/22	11:36:00	0.86	0.00	0.00	0.00	20.53		* Hand tripped on Voltage Regulation. Ajmer-798 KV.
CKT	765kV CHITTORGARH-AJMER-1	LVRD	13/07/22	13:06:00	14/07/22	09:28:00	0.85	0.00	0.00	0.00	20.37		* Hand tripped on Voltage Regulation. Ajmer-807 KV.
CKT	765kV CHITTORGARH-AJMER-1	LVRD	15/07/22	13:09:00	18/07/22	13:56:00	3.03	0.00	0.00	0.00	72.78		* Hand tripped on Voltage Regulation. Ajmer-805 KV.
CKT	765kV CHITTORGARH-AJMER-1	LVRD	09/07/22	16:07:00	11/07/22	09:40:00	1.73	0.00	0.00	0.00	41.55		* Hand tripped on Voltage Regulation. Ajmer-802 KV.
CKT	765kV CHITTORGARH-AJMER-1	LVRD	03/07/22	12:59:00	04/07/22	12:04:00	0.96	0.00	0.00	0.00	23.08		* Hand tripped on Voltage Regulation. Ajmer-800 KV.
CKT	765kV CHITTORGARH-AJMER-1	LVRD	22/07/22	16:31:00	28/07/22	07:14:00	5.61	0.00	0.00	0.00	134.72		* Hand tripped on Voltage Regulation. Ajmer-800 KV.
							13.04	0.00	0.00	0.00	313.03	100.00	
CKT	765kV CHITTORGARH-AJMER-2	LVRD	18/07/22	16:13:00	19/07/22	10:06:00	0.75	0.00	0.00	0.00	17.88		* Hand tripped on Voltage Regulation. Ajmer-798 KV.
CKT	765kV CHITTORGARH-AJMER-2	LVRD	11/07/22	13:35:00	13/07/22	11:47:00	1.93	0.00	0.00	0.00	46.20		* Hand tripped on Voltage Regulation. Ajmer-800 KV.



Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF BANSKANTA-2 AT CHITOR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF BANSKANTA-1 AT CHITOR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF AJMER-2 AT CHITTORGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF AJMER-1 AT CHITTORGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF BHADLA1-2 AT FATEHGARH	SVRD	01/07/22	00:00:01	04/07/22	17:15:00	3.72	0.00	0.00	0.00	89.25		* Hand tripped on Voltage Regulation. Voltage-750 KV.
LNR	240MVAR,SWLR OF BHADLA1-2 AT FATEHGARH	OSFT	16/07/22	17:50:00	16/07/22	18:54:00	0.04	1.07	0.00	0.00	0.00		* Forced Shutdown for attending oil leakage in Y-Phase Unit of Reactor.
							3.76	1.07	0.00	0.00	89.25	99.86	
LNR	240MVAR,SWLR OF BHADLA1-1 AT FATEHGARH	SVRD	01/07/22	00:00:01	05/07/22	18:08:00	4.76	0.00	0.00	0.00	114.13		* Hand tripped on Voltage Regulation. Voltage-750 KV.
LNR	240MVAR,SWLR OF BHIWANI-2 AT PHAGI	OSFT	21/07/22	13:13:00	21/07/22	16:40:00	0.14	3.45	0.00	0.00	0.00		* Forced Shutdown to attend faulty PD relay.
							0.14	3.45	0.00	0.00	0.00	99.54	
LNR	240MVAR,SWLR OF BHIWANI-1 AT PHAGI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF AGRA AT JHATIKARA	SICT	17/07/22	04:40:00	17/07/22	16:03:00	0.47	11.38	0.00	0.00	0.00		* Line reactor tripped on WTI R-Ph.
							0.47	11.38	0.00	0.00	0.00	98.47	
LNR	330MVAR,LR OF ALIGARH AT JHATIKARA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SWLR OF ZERDA AT KANKROLI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF GR.NOIDA AT MEERUT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SWLR OF AGRA-2 AT SIKAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SWLR OF AGRA-1 AT SIKAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
SVC	- 300/+ 400MVAR SVC AT KANKROLI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
VALVE_H	800kV HVDC CHAMPA-KURUKSHETRA POLE-1	LVRD	01/07/22	02:55:00	04/07/22	22:01:00	3.80	0.00	0.00	0.00	91.10		* Hand tripped on Voltage Regulation <(>&<)> Load Management on NRLDC instructions. Voltage-430 KV.
VALVE_H	800kV HVDC CHAMPA-KURUKSHETRA POLE-1	LVRD	20/07/22	17:29:00	31/07/22	23:59:59	11.27	0.00	0.00	0.00	270.52		* Hand tripped on Voltage Regulation.
VALVE_H	800kV HVDC CHAMPA-KURUKSHETRA POLE-1	OSFT	10/07/22	22:44:00	11/07/22	02:29:00	0.16	3.75	0.00	0.00	0.00		* Forced Shutdown to attend hot spot in pole-1 YD neutral CT connector at Champa end.
							15.23	3.75	0.00	0.00	361.62	99.50	
VALVE_H	800kV HVDC CHAMPA-KURUKSHETRA POLE-2	LVRD	01/07/22	02:55:00	04/07/22	22:01:00	3.80	0.00	0.00	0.00	91.10		* Hand tripped on Voltage Regulation <(>&<)> Load Management on NRLDC instructions. Voltage-430 KV.
VALVE_H	800kV HVDC CHAMPA-KURUKSHETRA POLE-2	LVRD	20/07/22	17:30:00	31/07/22	23:59:59	11.27	0.00	0.00	0.00	270.50		* Hand tripped on Voltage Regulation.
							15.07	0.00	0.00	0.00	361.60	100.00	
VALVE_H	800kV HVDC CHAMPA-KURUKSHETRA POLE-3	OMST	19/07/22	08:09:00	19/07/22	09:33:00	0.06	1.40	0.00	0.00	0.00		* Tripped on "Filter Power limit" at Kurushetra end due to tripping of filter bank caused by dead Pigeon.
							0.06	1.40	0.00	0.00	0.00	99.81	
VALVE_H	800kV HVDC CHAMPA-KURUKSHETRA POLE-4	OMST	19/07/22	08:09:00	19/07/22	11:38:00	0.15	3.48	0.00	0.00	0.00		* Tripped on "Filter Power limit" at Kurushetra end due to tripping of filter bank caused by dead Pigeon.
VALVE_H	800kV HVDC CHAMPA-KURUKSHETRA POLE-4	OMST	08/07/22	21:24:00	08/07/22	22:41:00	0.05	1.28	0.00	0.00	0.00		* Tripped on LANE fault at Champa end.
							0.20	4.76	0.00	0.00	0.00	99.36	
XMER	1500MVA,765/400kV ICT-1 AT AJMER			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-2 AT AJMER			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-1 AT BAGPAT	OSPT	22/07/22	10:28:00	22/07/22	18:17:00	0.33	7.82	0.00	0.00	0.00		* S/D for AMP work
							0.33	7.82	0.00	0.00	0.00	98.95	
XMER	500MVA,400/220kV ICT-2 AT BAGPAT	OSPT	23/07/22	09:26:00	23/07/22	14:29:00	0.21	5.05	0.00	0.00	0.00		* Shutdown for annual maintenance planned work.
							0.21	5.05	0.00	0.00	0.00	99.32	
XMER	500MVA,400/220kV ICT-1 AT BALLABGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-2 AT BALLABGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT BALLABGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-4 AT BALLABGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT BASSI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT BASSI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT BASSI	OSFT	25/07/22	15:35:00	25/07/22	18:37:00	0.13	3.03	0.00	0.00	0.00		* Forced Shutdown to attend hot spot of damaged conductor strands of string Bus connected to main bus of ICT-3
							0.13	3.03	0.00	0.00	0.00	99.59	





Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	800MVA,765/400kV ICT-2 AT KOTESHWAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	800MVA,765/400kV ICT-3 AT KOTESHWAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	800MVA,765/400kV ICT-4 AT KOTESHWAR	SICT	01/07/22	00:00:01	12/07/22	11:04:00	11.46	275.07	0.00	0.00	0.00	100.00	* ICT tripped on operation of Buchholz relay and PVR. Failure in oil to gas compartment (710- 15Y) of ICT-4 Y-phase, HV bushing.
							11.46	275.07	0.00	0.00	0.00	63.03	
XMER	315MVA,400/220kV ICT-1 AT KOTA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT KOTA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT KOTPUTLI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT KOTPUTLI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-1 AT KURUKSHETRA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-2 AT KURUKSHETRA	OSPT	22/07/22	09:04:00	22/07/22	21:36:00	0.52	12.53	0.00	0.00	0.00	100.00	* S/D for AMP work
XMER	500MVA,400/220kV ICT-1 AT MANDOLA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-2 AT MANDOLA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT MANDOLA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-4 AT MANDOLA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-1 AT MANESAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-2 AT MANESAR	OSPT	22/07/22	08:41:00	22/07/22	19:39:00	0.46	10.97	0.00	0.00	0.00	100.00	* S/D for AMP work
XMER	315MVA,400/220kV ICT-1 AT MAHARANIBAGH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT MAHARANIBAGH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT MAHARANIBAGH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-4 AT MAHARANIBAGH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT MEERUT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-1 AT MEERUT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-3 AT MEERUT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT MEERUT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-2 AT MEERUT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-3 AT MEERUT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-4 AT MEERUT	OSFT	04/07/22	14:50:00	04/07/22	17:02:00	0.09	2.20	0.00	0.00	0.00	100.00	* Forced Hand tripped due to heavy sparking observed at 400kV ICT-IV Tie Bay Isolator i.e. 4020189 towards ICT dropper side.
XMER	315MVA,400/220kV ICT-3 AT MUZAFFARNAGAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-1 AT NEEMRANA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT NEEMRANA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT ROORKEE			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT ROORKEE			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT ROORKEE			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT SAHARANPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT SAHARANPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifiyin	Detailed Reasons for Outage
XMER	315MVA,400/220kV ICT-1 AT SIKAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT SIKAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT SIKAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT SONIPAT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT SONIPAT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT SONIPAT	OSPT	01/07/22	10:50:00	01/07/22	19:17:00	0.35	8.45	0.00	0.00	0.00	98.86	* Shutdown for CSD fine tuning work and CT oil sampling.
XMER	500MVA,400/220kV ICT-1 AT TUGHLAKABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-2 AT TUGHLAKABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT TUGHLAKABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-4 AT TUGHLAKABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							617.88	785.26	47.87	40.53	13,948.18		