

Standard of Performance data for the month of June-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	SVRD	17/06/22	11:31:00	17/06/22	16:31:00	0.21	0.00	0.00	0.00	5.00		* Hand tripped on Voltage Regulation. Voltage-399 KV.
BSR	125MVAR,BUS REACTOR-1 AT AJMER	SVRD	08/06/22	11:39:00	08/06/22	15:41:00	0.17	0.00	0.00	0.00	4.03		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	125MVAR,BUS REACTOR-1 AT AJMER	SVRD	07/06/22	10:41:00	07/06/22	15:09:00	0.19	0.00	0.00	0.00	4.47		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	125MVAR,BUS REACTOR-1 AT AJMER	SVRD	15/06/22	10:56:00	15/06/22	15:13:00	0.18	0.00	0.00	0.00	4.28		* Hand tripped on Voltage Regulation. Voltage-394 KV.
							0.75	0.00	0.00	0.00	17.78	100.00	
BSR	240MVAR,BUS REACTOR-1 AT AJMER	SVRD	06/06/22	11:38:00	06/06/22	15:27:00	0.16	0.00	0.00	0.00	3.82		* Hand tripped on Voltage Regulation. Voltage-755 KV.
BSR	240MVAR,BUS REACTOR-1 AT AJMER	SVRD	16/06/22	10:42:00	16/06/22	15:10:00	0.19	0.00	0.00	0.00	4.47		* Hand tripped on Voltage Regulation. Voltage-750 KV.
BSR	240MVAR,BUS REACTOR-1 AT AJMER	SVRD	08/06/22	10:25:00	08/06/22	15:37:00	0.22	0.00	0.00	0.00	5.20		* Hand tripped on Voltage Regulation. Voltage-755 KV.
BSR	240MVAR,BUS REACTOR-1 AT AJMER	SVRD	04/06/22	12:14:00	04/06/22	13:22:00	0.05	0.00	0.00	0.00	1.13		* Hand tripped on Voltage Regulation. Voltage-395 KV.
BSR	240MVAR,BUS REACTOR-1 AT AJMER	SVRD	01/06/22	11:27:00	01/06/22	14:32:00	0.13	0.00	0.00	0.00	3.08		* Hand tripped on Voltage Regulation. Voltage-759 KV.
BSR	240MVAR,BUS REACTOR-1 AT AJMER	SVRD	11/06/22	11:40:00	11/06/22	13:12:00	0.06	0.00	0.00	0.00	1.53		* Hand tripped on Voltage Regulation. Voltage-749 KV.
BSR	240MVAR,BUS REACTOR-1 AT AJMER	SVRD	15/06/22	10:45:00	15/06/22	16:27:00	0.24	0.00	0.00	0.00	5.70		* Hand tripped on Voltage Regulation. Voltage-750 KV.
BSR	240MVAR,BUS REACTOR-1 AT AJMER	SVRD	07/06/22	10:50:00	07/06/22	15:03:00	0.18	0.00	0.00	0.00	4.22		* Hand tripped on Voltage Regulation. Voltage-755 KV.
BSR	240MVAR,BUS REACTOR-1 AT AJMER	SVRD	09/06/22	10:16:00	09/06/22	14:29:00	0.18	0.00	0.00	0.00	4.22		* Hand tripped on Voltage Regulation. Voltage-755 KV.
							1.41	0.00	0.00	0.00	33.37	100.00	
BSR	125MVAR,BUS REACTOR-1 AT BAGPAT	SVRD	20/06/22	10:21:00	21/06/22	03:30:00	0.72	0.00	0.00	0.00	17.15		* Hand tripped on Voltage Regulation. Voltage-394 KV.
BSR	125MVAR,BUS REACTOR-1 AT BAGPAT	SVRD	24/06/22	10:18:00	30/06/22	06:25:00	5.84	0.00	0.00	0.00	140.12		* Hand tripped on Voltage Regulation. Voltage-396 KV.
							6.56	0.00	0.00	0.00	157.27	100.00	
BSR	80MVAR,BUS REACTOR-1 AT BALLABGARH	SVRD	28/06/22	10:41:00	30/06/22	19:32:00	2.37	0.00	0.00	0.00	56.85		* Hand tripped on Voltage Regulation. Voltage-396 KV.
BSR	80MVAR,BUS REACTOR-1 AT BALLABGARH	SVRD	14/06/22	13:43:00	17/06/22	06:17:00	2.69	0.00	0.00	0.00	64.57		* Hand tripped on Voltage Regulation. Voltage-394 KV.
BSR	80MVAR,BUS REACTOR-1 AT BALLABGARH	SVRD	03/06/22	10:41:00	05/06/22	16:36:00	2.25	0.00	0.00	0.00	53.92		* Hand tripped on Voltage Regulation. Voltage-398 KV.
							7.31	0.00	0.00	0.00	175.34	100.00	
BSR	50MVAR,BUS REACTOR-1 AT BASSI	SVRD	01/06/22	05:58:00	03/06/22	17:46:00	2.49	0.00	0.00	0.00	59.80		* Hand tripped on Voltage Regulation. Voltage-399 KV.
BSR	50MVAR,BUS REACTOR-1 AT BASSI	SVRD	09/06/22	06:07:00	11/06/22	18:47:00	2.53	0.00	0.00	0.00	60.67		* Hand tripped on Voltage Regulation. Voltage-399 KV.
BSR	50MVAR,BUS REACTOR-1 AT BASSI	SVRD	13/06/22	10:21:00	13/06/22	16:47:00	0.27	0.00	0.00	0.00	6.43		* Hand tripped on Voltage Regulation. Voltage-394 KV.
BSR	50MVAR,BUS REACTOR-1 AT BASSI	SVRD	15/06/22	10:46:00	15/06/22	16:27:00	0.24	0.00	0.00	0.00	5.68		* Hand tripped on Voltage Regulation. Voltage-394 KV.
BSR	50MVAR,BUS REACTOR-1 AT BASSI	SVRD	14/06/22	10:37:00	14/06/22	15:03:00	0.19	0.00	0.00	0.00	4.43		* Hand tripped on Voltage Regulation. Voltage-394 KV.
BSR	50MVAR,BUS REACTOR-1 AT BASSI	SVRD	25/06/22	10:27:00	28/06/22	18:14:00	3.32	0.00	0.00	0.00	79.78		* Hand tripped on Voltage Regulation. Voltage-397 KV.
							9.04	0.00	0.00	0.00	216.79	100.00	
BSR	50MVAR,BUS REACTOR-2 AT BASSI	SVRD	27/06/22	11:03:00	27/06/22	16:16:00	0.22	0.00	0.00	0.00	5.22		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	50MVAR,BUS REACTOR-2 AT BASSI	SVRD	01/06/22	11:20:00	03/06/22	17:49:00	2.27	0.00	0.00	0.00	54.48		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	50MVAR,BUS REACTOR-2 AT BASSI	SVRD	09/06/22	10:49:00	19/06/22	16:13:00	10.23	0.00	0.00	0.00	245.40		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	50MVAR,BUS REACTOR-2 AT BASSI	SVRD	25/06/22	10:28:00	26/06/22	17:01:00	1.27	0.00	0.00	0.00	30.55		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	50MVAR,BUS REACTOR-2 AT BASSI	SVRD	29/06/22	12:22:00	29/06/22	16:15:00	0.16	0.00	0.00	0.00	3.88		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	50MVAR,BUS REACTOR-2 AT BASSI	SVRD	28/06/22	10:48:00	28/06/22	16:29:00	0.24	0.00	0.00	0.00	5.68		* Hand tripped on Voltage Regulation. Voltage-397 KV.
							14.39	0.00	0.00	0.00	345.21	100.00	
BSR	50MVAR,BUS REACTOR-3 AT BASSI	SVRD	15/06/22	10:47:00	15/06/22	16:25:00	0.24	0.00	0.00	0.00	5.63		* Hand tripped on Voltage Regulation. Voltage-394 KV.
BSR	50MVAR,BUS REACTOR-3 AT BASSI	SVRD	09/06/22	10:49:00	11/06/22	18:49:00	2.33	0.00	0.00	0.00	56.00		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	50MVAR,BUS REACTOR-3 AT BASSI	SVRD	25/06/22	10:28:00	26/06/22	17:01:00	1.27	0.00	0.00	0.00	30.55		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	50MVAR,BUS REACTOR-3 AT BASSI	SVRD	01/06/22	11:21:00	03/06/22	17:48:00	2.27	0.00	0.00	0.00	54.45		* Hand tripped on Voltage Regulation. Voltage-397 KV.
							6.11	0.00	0.00	0.00	146.63	100.00	
BSR	125MVAR,BUS REACTOR-4 AT BASSI	SVRD	13/06/22	10:20:00	13/06/22	16:47:00	0.27	0.00	0.00	0.00	6.45		* Hand tripped on Voltage Regulation. Voltage-394 KV.
BSR	125MVAR,BUS REACTOR-4 AT BASSI	SVRD	17/06/22	10:38:00	17/06/22	16:26:00	0.24	0.00	0.00	0.00	5.80		* Hand tripped on Voltage Regulation. Voltage-399 KV.
BSR	125MVAR,BUS REACTOR-4 AT BASSI	SVRD	01/06/22	05:58:00	03/06/22	17:46:00	2.49	0.00	0.00	0.00	59.80		* Hand tripped on Voltage Regulation. Voltage-399 KV.
BSR	125MVAR,BUS REACTOR-4 AT BASSI	SVRD	08/06/22	10:34:00	09/06/22	17:24:00	1.29	0.00	0.00	0.00	30.83		* Hand tripped on Voltage Regulation. Voltage-399 KV.
BSR	125MVAR,BUS REACTOR-4 AT BASSI	SVRD	15/06/22	10:32:00	15/06/22	18:10:00	0.32	0.00	0.00	0.00	7.63		* Hand tripped on Voltage Regulation. Voltage-394 KV.
BSR	125MVAR,BUS REACTOR-4 AT BASSI	SVRD	14/06/22	10:37:00	14/06/22	15:04:00	0.19	0.00	0.00	0.00	4.45		* Hand tripped on Voltage Regulation. Voltage-394 KV.
BSR	125MVAR,BUS REACTOR-4 AT BASSI	SVRD	16/06/22	10:39:00	16/06/22	17:27:00	0.28	0.00	0.00	0.00	6.80		* Hand tripped on Voltage Regulation. Voltage-396 KV.
BSR	125MVAR,BUS REACTOR-4 AT BASSI	SVRD	11/06/22	10:35:00	11/06/22	18:47:00	0.34	0.00	0.00	0.00	8.20		* Hand tripped on Voltage Regulation. Voltage-394 KV.
BSR	125MVAR,BUS REACTOR-4 AT BASSI	SVRD	12/06/22	11:53:00	12/06/22	16:06:00	0.18	0.00	0.00	0.00	4.22		* Hand tripped on Voltage Regulation. Voltage-394 KV.
BSR	125MVAR,BUS REACTOR-4 AT BASSI	SVRD	25/06/22	10:28:00	25/06/22	16:03:00	0.23	0.00	0.00	0.00	5.58		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	125MVAR,BUS REACTOR-4 AT BASSI	SVRD	28/06/22	10:36:00	28/06/22	16:23:00	0.24	0.00	0.00	0.00	5.78		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	125MVAR,BUS REACTOR-4 AT BASSI	SVRD	29/06/22	11:41:00	29/06/22	16:13:00	0.19	0.00	0.00	0.00	4.53		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	125MVAR,BUS REACTOR-4 AT BASSI	SVRD	27/06/22	10:31:00	27/06/22	16:15:00	0.24	0.00	0.00	0.00	5.73		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	125MVAR,BUS REACTOR-4 AT BASSI	SVRD	30/06/22	10:30:00	30/06/22	16:08:00	0.24	0.00	0.00	0.00	5.63		* Hand tripped on Voltage Regulation. Voltage-397 KV.
							6.74	0.00	0.00	0.00	161.43	100.00	
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	03/06/22	10:27:00	03/06/22	14:59:00	0.19	0.00	0.00	0.00	4.53		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	05/06/22	09:43:00	05/06/22	14:07:00	0.18	0.00	0.00	0.00	4.40		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	15/06/22	10:13:00	15/06/22	18:09:00	0.33	0.00	0.00	0.00	7.93		* Hand tripped on Voltage Regulation. Voltage-398 KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	24/06/22	10:05:00	24/06/22	15:16:00	0.22	0.00	0.00	0.00	5.18		* Hand tripped on Voltage Regulation. Voltage-395 KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	26/06/22	11:29:00	26/06/22	16:04:00	0.19	0.00	0.00	0.00	4.58		* Hand tripped on Voltage Regulation. Voltage-399 KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	09/06/22	09:17:00	09/06/22	15:21:00	0.25	0.00	0.00	0.00	6.07		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	07/06/22	08:13:00	07/06/22	15:41:00	0.31	0.00	0.00	0.00	7.47		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	16/06/22	09:11:00	16/06/22	17:05:00	0.33	0.00	0.00	0.00	7.90		* Hand tripped on Voltage Regulation. Voltage-396 KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	14/06/22	10:29:00	14/06/22	15:00:00	0.19	0.00	0.00	0.00	4.52		* Hand tripped on Voltage Regulation. Voltage-394 KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	08/06/22	09:46:00	08/06/22	15:41:00	0.25	0.00	0.00	0.00	5.92		* Hand tripped on Voltage Regulation. Voltage-397 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	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	06/06/22	12:34:00	17/06/22	07:03:00	10.77	0.00	0.00	0.00	258.48		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	125MVAR,BUS REACTOR-1 AT MEERUT	SVRD	23/06/22	10:25:00	30/06/22	06:57:00	6.86	0.00	0.00	0.00	164.53		* Hand tripped on Voltage Regulation. Voltage-394 KV.
							17.63	0.00	0.00	0.00	423.01	100.00	
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	SVRD	29/06/22	12:29:00	29/06/22	16:24:00	0.16	0.00	0.00	0.00	3.92		* Hand tripped on Voltage Regulation. Voltage-396 KV.
BSR	80MVAR,BUS REACTOR-1 AT NEEMRANA	SVRD	27/06/22	10:29:00	28/06/22	18:24:00	1.33	0.00	0.00	0.00	31.92		* Hand tripped on Voltage Regulation. Voltage-752 KV.
BSR	80MVAR,BUS REACTOR-1 AT NEEMRANA	SVRD	07/06/22	11:27:00	21/06/22	03:42:00	13.68	0.00	0.00	0.00	328.25		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	80MVAR,BUS REACTOR-1 AT NEEMRANA	SVRD	01/06/22	00:00:01	04/06/22	16:56:00	3.71	0.00	0.00	0.00	88.93		* Hand tripped on Voltage Regulation. Voltage-397 KV.
							18.88	0.00	0.00	0.00	453.02	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	
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-1 AT ROORKEE	SVRD	01/06/22	00:00:01	17/06/22	04:38:00	16.19	0.00	0.00	0.00	388.63		* Hand tripped on Voltage Regulation. Voltage-398 KV.
BSR	125MVAR,BUS REACTOR-1 AT ROORKEE	SVRD	20/06/22	10:15:00	21/06/22	03:59:00	0.74	0.00	0.00	0.00	17.73		* Hand tripped on Voltage Regulation. Voltage-389 KV.
BSR	125MVAR,BUS REACTOR-1 AT ROORKEE	SVRD	22/06/22	12:28:00	30/06/22	06:51:00	7.77	0.00	0.00	0.00	186.38		* Hand tripped on Voltage Regulation. Voltage-394 KV.
							24.70	0.00	0.00	0.00	592.74	100.00	
BSR	50MVAR,BUS REACTOR-1 AT SAHARANPUR	SVRD	06/06/22	12:18:00	17/06/22	04:05:00	10.66	0.00	0.00	0.00	255.78		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	50MVAR,BUS REACTOR-1 AT SAHARANPUR	SVRD	20/06/22	10:31:00	30/06/22	06:25:00	9.83	0.00	0.00	0.00	235.90		* Hand tripped on Voltage Regulation. Voltage-386 KV.
							20.49	0.00	0.00	0.00	491.68	100.00	
BSR	50MVAR,BUS REACTOR-2 AT SAHARANPUR	SVRD	06/06/22	12:18:00	17/06/22	04:05:00	10.66	0.00	0.00	0.00	255.78		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	50MVAR,BUS REACTOR-2 AT SAHARANPUR	SVRD	20/06/22	10:31:00	30/06/22	06:25:00	9.83	0.00	0.00	0.00	235.90		* Hand tripped on Voltage Regulation. Voltage-386 KV.
							20.49	0.00	0.00	0.00	491.68	100.00	
BSR	80MVAR,BUS REACTOR-1 AT SIKAR	SVRD	28/06/22	10:50:00	28/06/22	16:30:00	0.24	0.00	0.00	0.00	5.67		* Hand tripped on Voltage Regulation. Voltage-396 KV.
BSR	80MVAR,BUS REACTOR-1 AT SIKAR	SVRD	29/06/22	12:18:00	29/06/22	15:28:00	0.13	0.00	0.00	0.00	3.17		* Hand tripped on Voltage Regulation. Voltage-396 KV.
BSR	80MVAR,BUS REACTOR-1 AT SIKAR	SVRD	17/06/22	11:01:00	17/06/22	16:28:00	0.23	0.00	0.00	0.00	5.45		* Hand tripped on Voltage Regulation. Voltage-399 KV.
BSR	80MVAR,BUS REACTOR-1 AT SIKAR	SVRD	16/06/22	10:56:00	16/06/22	19:01:00	0.34	0.00	0.00	0.00	8.08		* Hand tripped on Voltage Regulation. Voltage-394 KV.
BSR	80MVAR,BUS REACTOR-1 AT SIKAR	SVRD	01/06/22	11:25:00	01/06/22	16:21:00	0.21	0.00	0.00	0.00	4.93		* Hand tripped on Voltage Regulation. Voltage-395 KV.
BSR	80MVAR,BUS REACTOR-1 AT SIKAR	SVRD	07/06/22	10:56:00	11/06/22	18:48:00	4.33	0.00	0.00	0.00	103.87		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	80MVAR,BUS REACTOR-1 AT SIKAR	SVRD	02/06/22	12:07:00	04/06/22	15:19:00	2.13	0.00	0.00	0.00	51.20		* Hand tripped on Voltage Regulation. Voltage-395 KV.
BSR	80MVAR,BUS REACTOR-1 AT SIKAR	SVRD	15/06/22	10:30:00	15/06/22	18:12:00	0.32	0.00	0.00	0.00	7.70		* Hand tripped on Voltage Regulation. Voltage-394 KV.
							7.93	0.00	0.00	0.00	190.07	100.00	
BSR	125MVAR,BUS REACTOR-2 AT SIKAR	SVRD	30/06/22	10:39:00	30/06/22	16:09:00	0.23	0.00	0.00	0.00	5.50		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	125MVAR,BUS REACTOR-2 AT SIKAR	SVRD	28/06/22	10:30:00	28/06/22	18:14:00	0.32	0.00	0.00	0.00	7.73		* Hand tripped on Voltage Regulation. Voltage-394 KV.
BSR	125MVAR,BUS REACTOR-2 AT SIKAR	SVRD	29/06/22	11:24:00	29/06/22	15:47:00	0.18	0.00	0.00	0.00	4.38		* Hand tripped on Voltage Regulation. Voltage-394 KV.
BSR	125MVAR,BUS REACTOR-2 AT SIKAR	SVRD	27/06/22	10:51:00	27/06/22	16:52:00	0.25	0.00	0.00	0.00	6.02		* Hand tripped on Voltage Regulation. Voltage-394 KV.
BSR	125MVAR,BUS REACTOR-2 AT SIKAR	SVRD	23/06/22	10:48:00	24/06/22	18:20:00	1.31	0.00	0.00	0.00	31.53		* Hand tripped on Voltage Regulation. Voltage-394 KV.
BSR	125MVAR,BUS REACTOR-2 AT SIKAR	SVRD	01/06/22	11:24:00	01/06/22	16:20:00	0.21	0.00	0.00	0.00	4.93		* Hand tripped on Voltage Regulation. Voltage-395 KV.
BSR	125MVAR,BUS REACTOR-2 AT SIKAR	SVRD	07/06/22	10:58:00	15/06/22	18:33:00	8.32	0.00	0.00	0.00	199.58		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	125MVAR,BUS REACTOR-2 AT SIKAR	SVRD	02/06/22	10:37:00	02/06/22	17:16:00	0.28	0.00	0.00	0.00	6.65		* Hand tripped on Voltage Regulation. Voltage-395 KV.
BSR	125MVAR,BUS REACTOR-2 AT SIKAR	SVRD	17/06/22	10:40:00	17/06/22	15:18:00	0.19	0.00	0.00	0.00	4.63		* Hand tripped on Voltage Regulation. Voltage-397 KV.
BSR	125MVAR,BUS REACTOR-2 AT SIKAR	SVRD	16/06/22	10:04:00	16/06/22	17:22:00	0.30	0.00	0.00	0.00	7.30		* Hand tripped on Voltage Regulation. Voltage-399 KV.
BSR	125MVAR,BUS REACTOR-2 AT SIKAR	SVRD	26/06/22	10:47:00	26/06/22	15:13:00	0.19	0.00	0.00	0.00	4.43		* Hand tripped on Voltage Regulation. Voltage-750 KV.
BSR	125MVAR,BUS REACTOR-2 AT SIKAR	SVRD	03/06/22	10:23:00	03/06/22	17:51:00	0.31	0.00	0.00	0.00	7.47		* Hand tripped on Voltage Regulation. Voltage-395 KV.
							12.09	0.00	0.00	0.00	290.15	100.00	
BSR	125MVAR,BUS REACTOR-1 AT SONIPAT	SVRD	27/06/22	10:54:00	30/06/22	23:59:59	3.55	0.00	0.00	0.00	85.10		* Hand tripped on Voltage Regulation. Voltage-394 KV.
							3.55	0.00	0.00	0.00	85.10	100.00	
BSR	125MVAR,BUS REACTOR-2 AT SONIPAT	SVRD	28/06/22	10:49:00	30/06/22	18:27:00	2.32	0.00	0.00	0.00	55.63		* Hand tripped on Voltage Regulation. Voltage-396 KV.
							2.32	0.00	0.00	0.00	55.63	100.00	
BSR	125MVAR,BUS REACTOR-1 AT TUGHLAKABAD	SVRD	27/06/22	11:02:00	30/06/22	23:59:59	3.54	0.00	0.00	0.00	84.97		* Hand tripped on Voltage Regulation. Voltage-394 KV.
							3.54	0.00	0.00	0.00	84.97	100.00	
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	29/06/22	21:34:00	30/06/22	01:18:00	0.16	0.00	3.73	0.00	0.00		* Tripped on B-N fault.FLR- lalsot-M2-4km,M1-2.7km,zone ,Anta-distane protection relay operated.Heavy rain/wind storm reported at lalsot. Fault is in RRVPNL portion.
							0.16	0.00	3.73	0.00	0.00	100.00	
CKT	220kV ANTA(NTPC)-RAPPCC(NPGIL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV ANTA(NTPC)-SAWAI MADHOPUR(RRVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV BASSI-IG NAGAR(RRVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV BASSI-BAGRU(RRVPNL)	OSPD	05/06/22	09:23:00	05/06/22	11:25:00	0.09	0.00	0.00	0.00	2.03		* S/D by RRVPNL for quarterly maintenance work of whole 220kV grid sub-station Bagru end.
							0.09	0.00	0.00	0.00	2.03	100.00	
CKT	220kV DAUSA(RRVPNL)-BASSI-1	OSPD	23/06/22	09:33:00	23/06/22	13:57:00	0.18	0.00	0.00	0.00	4.40		* Shutdown by RRVPNL for quarterly maintenance work at their end.
							0.18	0.00	0.00	0.00	4.40	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 certifier	Detailed Reasons for Outage
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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV FGPP(NTPC)-PALLA(HVPNL)-2	OSFD	15/06/22	13:26:00	15/06/22	17:20:00	0.16	0.00	0.00	0.00	0.00	3.90	* Forced Shutdown by FGPP for attending broken strands of B-phase conductor from gantry at their end.
CKT	220kV FGPP(NTPC)-PALLA(HVPNL)-2	OSPD	07/06/22	10:00:00	07/06/22	16:29:00	0.27	0.00	0.00	0.00	0.00	6.48	* Shutdown by HVPNL to attend hot spot and to replace defective clamps at their Palla end.
							0.43	0.00	0.00	0.00	0.00	10.38	
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	OSPD	10/06/22	07:38:00	10/06/22	11:16:00	0.15	0.00	0.00	0.00	0.00	3.63	* Shutdown taken by HVPNL for replacement of defective closing of circuit breaker and to attend the gas leakage at their end.
CKT	220kV HISAR-HISAR(HVPNL)-1	OSFD	14/06/22	14:41:00	14/06/22	19:28:00	0.20	0.00	0.00	0.00	0.00	4.78	* Forced Shutdown by HVPNL to attend SF6 gas leakage from their CB at Hissar I/A end.
							0.35	0.00	0.00	0.00	0.00	8.41	
CKT	220kV HISAR-HISAR(HVPNL)-2	OSPD	10/06/22	07:38:00	10/06/22	11:16:00	0.15	0.00	0.00	0.00	0.00	3.63	* Shutdown taken by HVPNL for replacement of defective closing of circuit breaker and to attend the gas leakage at their end.
CKT	220kV HISAR-HISAR(HVPNL)-2	LPRD	14/06/22	14:41:00	14/06/22	19:28:00	0.20	0.00	0.00	0.00	0.00	4.78	* Line opened to avoid overloading during shutdown of Circuit-I as per NRLDC instructions.
CKT	220kV HISAR-HISAR(HVPNL)-2	OMSU	22/06/22	16:05:00	22/06/22	18:05:00	0.08	0.00	2.00	0.00	0.00	0.00	* Tripped only from Hissar I/A end with NO indication at Hissar(PG) end.
							0.43	0.00	2.00	0.00	0.00	8.41	
CKT	220kV IG NAGAR(RRVPNL)-HIRAPURA(RRVPNL)	OMSU	26/06/22	19:17:00	26/06/22	22:10:00	0.12	0.00	2.88	0.00	0.00	0.00	* Tripped on R-Y fault in RRVPNL jurisdiction.FLR:Heerapura-34.6 KM/ir-6.92 KA/ly-6.18 KA,I,G Nagar-1.52 KM/ir-11.71 KA/ly-1.90 KA.
							0.12	0.00	2.88	0.00	0.00	100.00	
CKT	220kV LALSOT(RRVPNL)-DAUSA(RRVPNL)	LPRD	27/06/22	12:40:00	29/06/22	22:02:00	2.39	0.00	0.00	0.00	0.00	57.37	* Hand tripped on Power Regulation to control loading in 220 KV Bassi-Dausa D/C lines on NRLDC instruction.
CKT	220kV LALSOT(RRVPNL)-DAUSA(RRVPNL)	LPRD	30/06/22	03:27:00	30/06/22	12:25:00	0.37	0.00	0.00	0.00	0.00	8.97	* Hand tripped on Power Regulation to control loading in 220 KV Bassi-Dausa D/C lines on NRLDC instruction.
CKT	220kV LALSOT(RRVPNL)-DAUSA(RRVPNL)	LPRD	05/06/22	10:45:00	06/06/22	11:50:00	1.05	0.00	0.00	0.00	0.00	25.08	* Line opened on Power regulation to control line loading of 220kv Bassi-Dausa D/C(230 MW each) as per instruction of RLDC.
							3.81	0.00	0.00	0.00	0.00	91.42	
CKT	220kV MANSROVAR(RRVPNL)-HIRAPURA(RRVP)	OMST	07/06/22	18:20:00	07/06/22	19:39:00	0.06	1.32	0.00	0.00	0.00	0.00	* Line tripped only from Heerapura end on CB Pole discrepancy due to loose wire of DC supply at Heerapura end.
							0.06	1.32	0.00	0.00	0.00	99.82	
CKT	220kV MEERUT-MODIPURAM(UPPTCL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV MEERUT-MODIPURAM(UPPTCL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV MEERUT-NARA(UPPTCL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV MEERUT-SHATABDINAGAR(UPPTCL)	OSFD	22/06/22	12:50:00	22/06/22	15:41:00	0.12	0.00	0.00	0.00	0.00	2.85	* Forced Shutdown by UPPCL for replacement of R-Phase polymer insulator at location 64 under their jurisdiction.
CKT	220kV MEERUT-SHATABDINAGAR(UPPTCL)	LART	17/06/22	05:04:00	17/06/22	05:04:00	0.00	0.00	0.00	0.00	0.00	0.00	* Line autoreclose successfully on R-N fault. FLR: Meerut- R-N/10.57KA/13.48KM. Fault under UPPCL portion.
CKT	220kV MEERUT-SHATABDINAGAR(UPPTCL)	OMSU	02/06/22	10:00:00	02/06/22	18:36:00	0.36	0.00	8.60	0.00	0.00	0.00	* Tripped on R-Y fault in UPPCL jurisdiction.FLR:-Meerut-28.68 KM/7.24 KA= ,Shatabdinagar-3.96 KM/ir=8.79 KA,ly=9.09 KA.Damaged Y-ph insulator found at Twr. No.15 was found on patrolling and later forced S/D taken by UPPCL to attend the same.
							0.48	0.00	8.60	0.00	0.00	2.85	
CKT	220kV MEERUT-SIMBHOLI(UPPTCL)	OSFD	06/06/22	10:44:00	06/06/22	12:10:00	0.06	0.00	0.00	0.00	0.00	1.43	* Forced Shutdown by UPPCL to attend hot spot on Bus side isolator at their Simbholi end.
CKT	220kV MEERUT-SIMBHOLI(UPPTCL)	OMSU	20/06/22	16:34:00	20/06/22	17:42:00	0.05	0.00	1.13	0.00	0.00	0.00	* Tripped only from simbholi (UP) end on R-N fault. A/R from Meerut end. FLR-Meerut-8.8km/13.9kA.Simbholi-42.km/3.84kA. Fault is in UPPCL portion.
CKT	220kV MEERUT-SIMBHOLI(UPPTCL)	OSPD	23/06/22	09:11:00	23/06/22	18:57:00	0.41	0.00	0.00	0.00	0.00	9.77	* Shutdown by UPPCL for overhead crossing of under construction 765KV Gr. Noida-Hapur line.
CKT	220kV MEERUT-SIMBHOLI(UPPTCL)	OSPD	11/06/22	09:55:00	11/06/22	12:40:00	0.12	0.00	0.00	0.00	0.00	2.75	* Shutdown by UPPCL to facilitate the shutdown of 220KV Main Bus at Simbholi.
							0.64	0.00	1.13	0.00	0.00	13.95	
CKT	220kV RAPPB(NPCIL)-CHITTORGARH(RRVPNL)-	OSPD	25/06/22	10:17:00	25/06/22	22:04:00	0.49	0.00	0.00	0.00	0.00	11.78	* Shutdown by RAPPB for preventive maintencae of their Bay equipments. Bay at RAPPB end belongs to RAPP.
							0.49	0.00	0.00	0.00	0.00	11.78	
CKT	220kV RAPPB(NPCIL)-CHITTORGARH(RRVPNL)-	OSPD	15/06/22	09:27:00	15/06/22	20:37:00	0.47	0.00	0.00	0.00	0.00	11.17	* Shutdown by RAPPB for their bay maintenance work.
							0.47	0.00	0.00	0.00	0.00	11.17	

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 certifier	Detailed Reasons for Outage
CKT	220kV RAPPB(NPCIL)-RAPPB(NPCIL)	OSPD	13/06/22	09:45:00	14/06/22	22:09:00	1.52	0.00	0.00	0.00	36.40		* S/D by RAPPB for Preventive maintenance work of bay (<&<-> equipments at their end. S/D by 14.06.2022
CKT	220kV RAPPB(NPCIL)-RAPPB(NPCIL)	OSPD	30/06/22	10:05:00	30/06/22	23:59:59	0.58	0.00	0.00	0.00	13.92		* Shutdown by RAPPB for Tie line preventive maintenance work and other associated Bay maintenance along with BUS-II at their end.
							2.10	0.00	0.00	0.00	50.32	100.00	
CKT	220kV RAPPB(NPCIL)-UDAIPUR(RRVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV RATANGARH(RRVPNL)-SIKAR-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV RATANGARH(RRVPNL)-SIKAR-2	OSFD	23/06/22	15:23:00	25/06/22	20:35:00	2.22	0.00	0.00	0.00	53.20		* Forced Shutdown by RRVPNL to attend oil leakage of R-phase CT at their end.
							2.22	0.00	0.00	0.00	53.20	100.00	
CKT	220KV-SAMAYPUR(HVPNL)-SEC58-1	OSPD	07/06/22	08:40:00	15/06/22	23:18:00	8.61	0.00	0.00	0.00	206.63		* Shutdown by BBMB for replacement of C/R panels for substation automation work. Shutdown till 12/06/2022.
							8.61	0.00	0.00	0.00	206.63	100.00	
CKT	220KV-SAMAYPUR(HVPNL)-SEC58-2			00:00:00		00:00:00	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	100.00	
CKT	220kV S.MADHOPUR(RRVPNL)-DAUSA(RRVPNL)	OSPD	10/06/22	09:30:00	10/06/22	15:55:00	0.27	0.00	0.00	0.00	6.42		* Shutdon by RRVPNL for quarterly maintenance work at both their ends.
							0.27	0.00	0.00	0.00	6.42	100.00	
CKT	220kV SIKAR(RRVPNL)-SIKAR-1	OSPD	27/06/22	07:40:00	27/06/22	10:20:00	0.11	0.00	0.00	0.00	2.67		* Shutdown by RRVPNL for maintenance work at their end.
							0.11	0.00	0.00	0.00	2.67	100.00	
CKT	220kV SIKAR(RRVPNL)-SIKAR-2	OSPD	28/06/22	07:37:00	28/06/22	11:01:00	0.14	0.00	0.00	0.00	3.40		* Shutdown by RRVPNL for maintenance work at their end.
							0.14	0.00	0.00	0.00	3.40	100.00	
CKT	400kV AGRA-JAIPUR SOUTH-1	LVRD	22/06/22	18:04:00	23/06/22	10:10:00	0.67	0.00	0.00	0.00	16.10		* Hand tripped on Voltage Regulation. Agra-425 KV
							0.67	0.00	0.00	0.00	16.10	100.00	
CKT	400kV AGRA-JAIPUR SOUTH-2	LVRD	17/06/22	21:15:00	18/06/22	11:03:00	0.58	0.00	0.00	0.00	13.80		* Hand tripped on Voltage Regulation. Agra-421 KV.
CKT	400kV AGRA-JAIPUR SOUTH-2	LVRD	30/06/22	17:18:00	30/06/22	23:59:59	0.28	0.00	0.00	0.00	6.70		* Hand tripped on Voltage Regulation. Agra-428 KV.
							0.86	0.00	0.00	0.00	20.50	100.00	
CKT	400kV AGRA-SIKAR-1	LVRD	17/06/22	21:14:00	23/06/22	10:14:00	5.54	0.00	0.00	0.00	133.00		* Hand tripped on Voltage Regulation. Agra-421 KV.
							5.54	0.00	0.00	0.00	133.00	100.00	
CKT	400kV AGRA-SIKAR-2	LEFT	02/06/22	07:39:00	02/06/22	08:14:00	0.02	0.58	0.00	0.00	0.00		* Tripped on R-N fault.FLR:Agra-M1:162.4/3.64kA,M2-143.8 KM/3.66 KA=Sikar-296.97 km/1.805 KA.Fault is in NR-3 jurisdiction.
CKT	400kV AGRA-SIKAR-2	OSFT	03/06/22	14:20:00	03/06/22	21:39:00	0.31	7.32	0.00	0.00	0.00		* Forced shutdown by NR-3 to attend hot spot in the line isolator at Agra end
CKT	400kV AGRA-SIKAR-2	LVRD	29/06/22	17:52:00	30/06/22	23:59:59	1.26	0.00	0.00	0.00	30.13		* Hand tripped on Voltage Regulation. Agra-422 KV.
							1.59	7.90	0.00	0.00	30.13	98.90	
CKT	400kV AJMER-AJMER(RRVPNL)-1			00:00:00		00:00:00	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	100.00	
CKT	400kV BABAI(RRVPNL)-SIKAR			00:00:00		00:00:00	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	100.00	
CKT	400kV BAGPAT-MEERUT-1			00:00:00		00:00:00	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	100.00	
CKT	400kV BAGPAT-SAHARANPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BALLABHGARH-NAVADA(HVPNL)	OSFD	07/06/22	09:21:00	07/06/22	10:32:00	0.05	0.00	0.00	0.00	1.18		* Forced Shutdown by HVPNL to attend hot spot on R-phase tie isolator blades at their Nawada end.
							0.05	0.00	0.00	0.00	1.18	100.00	
CKT	400kV BASSI-HIRAPURA(RRVPNL)-1	OSPT	07/06/22	10:30:00	07/06/22	15:29:00	0.21	4.98	0.00	0.00	0.00		* Shutdown by RRVPNL for maintenance work of 400KV Bays equipments at Heerapura.
							0.21	4.98	0.00	0.00	0.00	99.31	
CKT	400kV BASSI-HIRAPURA(RRVPNL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BASSI-JAIPUR SOUTH-1			00:00:00		00:00:00	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	100.00	
CKT	400kV BASSI-PHAGI(RRVPNL)-1			00:00:00		00:00:00	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	100.00	
CKT	400kV BEAWAR(SREE CEMENT)-MERTA(RRVPNL)	OSPT	11/06/22	14:57:00	11/06/22	18:18:00	0.14	3.35	0.00	0.00	0.00		* Shutdown taken for 01 Nos. Tension Insulator replacement work at Twr no. 678.

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 certifier	Detailed Reasons for Outage
CKT	400kV BEAWAR(SREE CEMENT)-MERTA(RRVPN)	OMSU	25/06/22	10:30:00	25/06/22	12:30:00	0.08	0.00	2.00	0.00	0.00		* Line tripped on B-N fault. FLR: Beawar-35.6KM/2.6KA, Merta- M1-92.84KM/4.65KA, M2- 66.3KM/4.6KA. * 30.06.2022 19:02:09 INDIA Jigyasu . (60003382)* Line tripped on B-N fault caused by RRVPN during stringing of earthwire in their 132kv under crossing line, without our information. FLR:Beawar-35.6KM/2.6KA, Merta- M1-92.84KM/4.65KA, M2- 66.3KM/4.6KA.
							0.22	3.35	2.00	0.00	0.00	99.53	
CKT	400kV BAHADURGARH-BAWANA(DTL)	OMSU	07/06/22	15:59:00	08/06/22	06:47:00	0.62	0.00	14.80	0.00	0.00		* Line tripped due to snapping of conductor near Gantry of Bawana end. Later, forced Shutdown taken for restoration work in DTL switchyard.
							0.62	0.00	14.80	0.00	0.00	100.00	
CKT	400kV BAHADURGARH-KABULPUR(HVPNL)	OMSU	17/06/22	15:42:00	17/06/22	19:14:00	0.15	0.00	3.53	0.00	0.00		* Line tripped on B-N fault in HVPNL LILO portion of the line. Bahadurgarh-37.42KM/6.53KA, Kabulpur- 0.4KM/13.04KA.
							0.15	0.00	3.53	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-BHDLA(PG) R-BHADLA2-1			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-BHDLA(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	OSPT	11/06/22	10:44:00	11/06/22	18:43:00	0.33	7.98	0.00	0.00	0.00		* Shutdown taken for line maintenance works.
CKT	400kV BASSI-BHIWADI-1	OSPT	10/06/22	09:49:00	10/06/22	19:52:00	0.42	10.05	0.00	0.00	0.00		* Shutdown taken for line maintenance works.
							0.75	18.03	0.00	0.00	0.00	97.50	
CKT	400kV BHIWADI-KOTPUTLI			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-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	23/06/22	13:05:00	23/06/22	18:11:00	0.21	5.10	0.00	0.00	0.00		* Forced Shutdown to attend hot spot in Tie Bay isolator of line side at Bhiwadi end.
							0.21	5.10	0.00	0.00	0.00	99.29	
CKT	400kV BHIWANI(BBMB)-BHIWANI	OMSU	28/06/22	14:50:00	28/06/22	16:20:00	0.06	0.00	1.50	0.00	0.00		* Line tripped only from BBMB Bhiwani end due to Bus bar protection operated at Bhiwani BBMB caused by failure of R-Phase CT of X-6 Main Breaker at Bhiwani (BBMB).
							0.06	0.00	1.50	0.00	0.00	100.00	
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			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-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	21/06/22	15:24:00	21/06/22	19:24:00	0.17	0.00	4.00	0.00	0.00		* Tripped due to Bus bar operated at Bikaner(raj) caused by R-Phase CB Blast at Bikaner(RRVPNL)end of 400KV Bikaner(Raj)-Deedwana RRVPNL line. Bikaner(RRVPNL) S/S was dead and tripped all connected lines.
							0.17	0.00	4.00	0.00	0.00	100.00	
CKT	400kV BAMNOLI(DTL)-TUGHLAKABD-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 BAMNOLI(DTL)-TUGHLAKABD-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-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	OMSU	07/06/22	15:59:00	08/06/22	07:01:00	0.63	0.00	15.03	0.00	0.00		* Line tripped due to snapping of conductor near Gantry of Bawana end. Later Forced Shutdown taken for restoration work in DTL switchyard.
							0.63	0.00	15.03	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	

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 certifier	Detailed Reasons for Outage
CKT	400kV DADRI(NTPC)-MANDOLA-1			00:00:00		00:00:00	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	100.00	
CKT	400kV DADRI(NTPC)-MAHRANIBAGH	LCSD	18/06/22	08:28:00	18/06/22	22:42:00	0.59	0.00	0.00	0.00	14.23	100.00	* Shutdown for HV test on newly installed By-pass isolator arrangement at Maharanibagh S/s. Approved in 39th standing committee on power system planning of northern region dated 29-30th May,2017 at Pg. no.14,Sl. no. 11.10,ISTS Scheme (to be taken up) pt. no.(ii)
CKT	400kV DADRI(NTPC)-MURADNAGAR(UPPTCL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV DADRI(NTPC)-PANIPAT(BBMB)-1	OMSU	20/06/22	14:59:00	20/06/22	18:31:00	0.15	0.00	3.53	0.00	0.00	100.00	* Tripped on Y-B fault due to piece of rope stuck with the conductor at T/loc no-42. during heavy wind storm. FLR-Dadri(NT)-12.48km/lb-11.1kA= ,Jc-10.62kA, Carrier received at Panipat (BBMB) end.
CKT	400kV DADRI(NTPC)-PANIPAT(BBMB)-2	LCSD	09/06/22	08:18:00	09/06/22	19:58:00	0.49	0.00	0.00	0.00	11.67	100.00	* Shutdown taken for stringing/construction work in 400KV Muradnagar-Simbhavli Line.
CKT	400kV DADRI(NTPC)-PANIPAT(BBMB)-2	OMSU	07/06/22	11:14:00	07/06/22	13:36:00	0.10	0.00	2.37	0.00	0.00	100.00	* Line tripped due to Non-Auto mode during OPGW installation work in live line. FLR: Dadri-16.69Km/ Ir-9.90Ka, Panipat-96.91Km/lb-1.85Ka.
CKT	400kV DEHRADUN-ABDULLAPUR-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV DEHRADUN-ABDULLAPUR-2			00:00:00		00:00:00	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	100.00	
CKT	400kV FATEHABAD-HISAR	LCSD	06/06/22	11:10:00	07/06/22	22:25:00	1.47	0.00	0.00	0.00	35.25	100.00	* Shutdown for line Bypassing works under SS-34 package at Hisar end to carry out PLCC signals wiring modification <-> end to end testing of Carrier/DT signals.
CKT	400kV GR.NOIDA(UPPTCL)-NAVADA(HVPNL)	OSFD	04/06/22	07:45:00	04/06/22	09:40:00	0.08	0.00	0.00	0.00	1.92	100.00	* Forced S/D by HVPNL to attend hot spot on R-phase Bus side isolator at their end.
CKT	400kV GR.NOIDA(UPPTCL)-NAVADA(HVPNL)	OSPD	12/06/22	09:46:00	12/06/22	11:53:00	0.09	0.00	0.00	0.00	2.12	100.00	* S/D by UPPCL for General Maintenance work.
CKT	400kV GURGAON-BALLABHGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV GURGAON-BHIWADI	LART	17/06/22	16:12:00	17/06/22	16:12:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line autoreclose on R-N fault. Bhiwadi- 12.3KM/12.4KA, Gurgaon-67.95KM/4.56KA. Fault in Bhiwadi TL portion.
CKT	400kV GURGAON-SOHNA(STERLITE)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV GURGAON-SOHNA(STERLITE)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV HAPUR(UPPTCL)-MURADNAGAR(UPPTCL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV HISAR-BHIWADI-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV HISAR-BHIWADI-2	OSFT	24/06/22	22:28:00	24/06/22	22:58:00	0.02	0.50	0.00	0.00	0.00	99.93	* Forced Shutdown for removing kite thread from B-Ph line isolator at Bhiwadi end.
CKT	400kV HISAR-BHIWADI-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV HISAR-BHIWANI(BBMB)	LCSD	06/06/22	11:16:00	07/06/22	21:52:00	1.44	0.00	0.00	0.00	34.60	99.54	* Shutdown for line Bypassing works under SS-34 package at Hisar end to carry out PLCC signals wiring modification <-> end to end testing of Carrier/DT signals.
CKT	400kV HISAR-BHIWANI(BBMB)	SEFT	28/06/22	14:50:00	28/06/22	18:10:00	0.14	3.33	0.00	0.00	0.00	100.00	* Line Tripped due to Bus bar protection operated at Bhiwani BBMB caused by failure of R-Phase CT of X-6 Main Breaker at Bhiwani (BBMB)
CKT	400KV-HISAR-BHIWANI-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV-HISAR-BHIWANI-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV-HISAR-BHIWANI-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV JAIPUR SOUTH-KOTA	LART	30/06/22	02:52:00	30/06/22	02:52:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R on R-N fault.FLR- Kota-72.78km/4.24kA,Jaipur(S)-106.34/3.46kA.Fault is in Kota TL.
CKT	400kV JAIPUR SOUTH-RAPPD(NPCIL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV JHATIKARA-BAMNOLI(DTL)-1			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 certifier	Detailed Reasons for Outage
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV JHATIKARA-BAMNOLI(DTL)-2	OSFD	23/06/22	07:15:00	23/06/22	11:34:00	0.18	0.00	0.00	0.00	4.32		* Forced Shutdown by DTL due to Hot spot on line conductor and line isolator under their jurisdiction.
							0.18	0.00	0.00	0.00	4.32	100.00	
CKT	400KV-JHATIKARA-DWARKA-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 JHATIKARA-MUNDKA(DTL)-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 JHATIKARA-MUNDKA(DTL)-2	OSFD	28/06/22	06:28:00	28/06/22	09:53:00	0.14	0.00	0.00	0.00	3.42		* Forced S/D by DTL to attend hotpot in B-phase line isolator at Mundka end.
							0.14	0.00	0.00	0.00	3.42	100.00	
CKT	400kV KAITHAL-HISAR-1	OSFT	23/06/22	11:56:00	23/06/22	17:49:00	0.25	5.88	0.00	0.00	0.00		* Line Manually hand tripped by NR-II from Kaithal due to sparking in T-jumper at their end.
CKT	400kV KAITHAL-HISAR-1	OSFT	22/06/22	21:33:00	22/06/22	21:45:00	0.01	0.20	0.00	0.00	0.00		* Forced Shutdown for isolation of Tie Bay of line at Kaithal end as CB goes into Lockout due to damaged Spring charging motor.
							0.26	6.08	0.00	0.00	0.00	99.16	
CKT	400kV KAITHAL-HISAR-2	LEFT	30/06/22	04:16:00	30/06/22	19:32:00	0.64	15.27	0.00	0.00	0.00		* Tripped on B-N fault.FLR-Hisar-71.19km/5.27kA= ,Kaitahl-15.3km/14.34kA.Charging attempt failed at 0520 hrs.FLR-B-N fault,Hisar-66.87km/5.77kA.Fault is in Hisar TL. .
							0.64	15.27	0.00	0.00	0.00	97.88	
CKT	400kV KANKROLI-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 KANKROLI-JODHPUR(RRVPNL)	OSFT	11/06/22	04:41:00	11/06/22	19:33:00	0.62	14.87	0.00	0.00	0.00		* Forced Shutdown taken to attend disconnected jumper of Y-Ph at loc. 519.* 12.06.2022 01:13:25 INDIA Bhupendra Garg (60011877)* Line was charged at 07:40 Hrs but hand tripped at 07:42 Hrs from Jodhpur end due to sparking in line isolator at Jodhpur.
							0.62	14.87	0.00	0.00	0.00	97.94	
CKT	400kV KOTA-BEAWAR(SREE CEMENT)			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 KOTA-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 KOTPUTLI-BASSI			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-KOTESHWAR(UK)-KOTESHWAR-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-KOTESHWAR(UK)-KOTESHWAR-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 KOTESHWAR-TEHRI(THDC)-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 KOTESHWAR-TEHRI(THDC)-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 MANESAR-SOHNA(STERLITE)-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 MANESAR-SOHNA(STERLITE)-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 MAHARANIBAGH-BALLABGARH	LCSD	18/06/22	07:51:00	18/06/22	22:49:00	0.62	0.00	0.00	0.00	14.97		* Shutdown for HV test on newly installed By-pass isolator arrangement at Maharanibagh S/s. Approved in 39th standing committee on power system planning of northern region dated 29-30th May,2017 at Pg. no.14,Sl. no. 11.10.ISTS Scheme (to be taken up) pt. no.(ii)
							0.62	0.00	0.00	0.00	14.97	100.00	
CKT	400KV-MBAGH-BAWANA-AC-CKT1	OMSU	28/06/22	18:20:00	28/06/22	20:26:00	0.09	0.00	2.10	0.00	0.00		* Tripped on R-Y fault due to kite string found between Loc no-81-82.FLR-M.bagh-3.24km/28.45kA. Fault is in Dadri TL.
							0.09	0.00	2.10	0.00	0.00	100.00	
CKT	400KV-MBAGH-BAWANA-AC-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	400KV-MBAGH-MANDOLA-AC-CKT1	OMSU	12/06/22	09:36:00	12/06/22	11:23:00	0.07	0.00	1.78	0.00	0.00		* Tripped on Y-B fault due to kite hanging on T/loc no-68-69.FLR-M.bagh--5.54km/25.75kA,Mandola-28.79km/12.24kA. Fault was under Dadri TL.
							0.07	0.00	1.78	0.00	0.00	100.00	
CKT	400KV-MBAGH-MANDOLA-AC-CKT2	OMSU	28/06/22	16:20:00	28/06/22	19:24:00	0.13	0.00	3.07	0.00	0.00		* Tripped on Y-B fault due to kite string found between Loc no-81-82.FLR-M.bagh-2.95km/30.22kA,Mandola-32.79km/10.34kA. Fault is in Dadri TL.
							0.13	0.00	3.07	0.00	0.00	100.00	
CKT	400kV HAPUR(UPPTCL)-MORADABAD(UPPTCL)	LCSD	01/06/22	00:00:01	02/06/22	16:20:00	1.68	0.00	0.00	0.00	40.33		* S/D for Line Diversion work by NHA. S/D by 04.06.2022
							1.68	0.00	0.00	0.00	40.33	100.00	
CKT	400kV MEERUT-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 MEERUT-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 MEERUT-MANDOLA-3	LCSD	06/06/22	09:23:00	06/06/22	19:52:00	0.44	0.00	0.00	0.00	10.48		* Shutdown for construction of 400kV D/C Muradnagar Simbhvali Line (under PMSTL TBCB project)

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
CKT	400kV MEERUT-MANDOLA-3	LCSD	07/06/22	08:24:00	07/06/22	19:29:00	0.46	0.00	0.00	0.00	11.08		* Shutdown for construction of 400kV D/C Muradnagar Simbhvali Line (under PMSTL TBCB project)
							0.90	0.00	0.00	0.00	21.56	100.00	
CKT	400kV MEERUT-MANDOLA-4	LCSD	07/06/22	08:08:00	07/06/22	19:31:00	0.47	0.00	0.00	0.00	11.38		* Shutdown for construction of 400kV D/C Muradnagar Simbhvali Line (under PMSTL TBCB project)
CKT	400kV MEERUT-MANDOLA-4	LCSD	06/06/22	09:23:00	06/06/22	19:52:00	0.44	0.00	0.00	0.00	10.48		* Shutdown for construction of 400kV D/C Muradnagar Simbhvali Line (under PMSTL TBCB project)
							0.91	0.00	0.00	0.00	21.86	100.00	
CKT	400kV MEERUT-MUZAFFARNAGAR(UPPTCL)	OSPT	13/06/22	10:25:00	14/06/22	06:11:00	0.82	19.77	0.00	0.00	0.00		* S/D for protection testing and other maintenance work.After charging, heavy spark has been observed at Muzaffarnagar end at Line Isolator dropper of R Phase.
CKT	400kV MEERUT-MUZAFFARNAGAR(UPPTCL)	OMSU	02/06/22	12:07:00	02/06/22	14:26:00	0.10	0.00	2.32	0.00	0.00		* Tripped on R-N fault due to kite thread infringement at loc.59.FLR:-Meerut-22.68 KM/11.52 KA,Muzaffarnagar-14.70 KM/6.7 KA.Fault under Meerut TL jurisdiction.
							0.92	19.77	2.32	0.00	0.00	97.25	
CKT	400kV NEEMRANA-BABA1(RRVPNL)	OSPD	16/06/22	14:34:00	16/06/22	15:53:00	0.06	0.00	0.00	0.00	1.32		* Shutdown by RRVPNL for quarterly maintenance work at their end. Shutdown work not done due to rain at site.
							0.06	0.00	0.00	0.00	1.32	100.00	
CKT	400kV NEEMRANA-MANESAR-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 NEEMRANA-MANESAR-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 NEEMRANA-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 RAPP(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	400kV RAPP(NPCIL)-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	400kV RAPP(NPCIL)-KOTA	OSPT	09/06/22	08:42:00	09/06/22	20:38:00	0.50	11.93	0.00	0.00	0.00		* Shutdown for insertion of glass discs at tower locations namely, 109, 134, 83 and 17.
							0.50	11.93	0.00	0.00	0.00	98.34	
CKT	400kV RAPPD(NPCIL)-KOTA	LART	16/06/22	20:03:00	16/06/22	20:03:00	0.00	0.00	0.00	0.00	0.00		* Line autoreclose successfully on R-N fault. FLR: Kota- R-N/9.2KA/27.7KM. Fault under Kota TL jurisdiction.
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV-RAPPD-KOTA-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 RATANGARH(RRVPNL)-SIKAR-1	LVRD	18/06/22	18:39:00	20/06/22	10:29:00	1.66	0.00	0.00	0.00	39.83		* Hand tripped on Voltage Regulation. Sikar-420 KV
CKT	400kV RATANGARH(RRVPNL)-SIKAR-1	LVRD	16/06/22	17:16:00	16/06/22	22:28:00	0.22	0.00	0.00	0.00	5.20		* Hand tripped on Voltage Regulation. Sikar-420KV.
CKT	400kV RATANGARH(RRVPNL)-SIKAR-1	LVRD	24/06/22	22:55:00	25/06/22	07:08:00	0.34	0.00	0.00	0.00	8.22		* Hand tripped on Voltage Regulation. Sikar-415 KV
CKT	400kV RATANGARH(RRVPNL)-SIKAR-1	LVRD	21/06/22	18:10:00	22/06/22	10:37:00	0.69	0.00	0.00	0.00	16.45		* Hand tripped on Voltage Regulation. Sikar-420 KV
CKT	400kV RATANGARH(RRVPNL)-SIKAR-1	LVRD	12/06/22	14:47:00	13/06/22	08:57:00	0.76	0.00	0.00	0.00	18.17		* Hand tripped on Voltage Regulation.Sikar-422 KV.
CKT	400kV RATANGARH(RRVPNL)-SIKAR-1	LVRD	22/06/22	19:23:00	23/06/22	10:16:00	0.62	0.00	0.00	0.00	14.88		* Hand tripped on Voltage Regulation. Sikar-420 KV
							4.29	0.00	0.00	0.00	102.75	100.00	
CKT	400kV RATANGARH(RRVPNL)-SIKAR-2	LVRD	23/06/22	17:52:00	24/06/22	10:20:00	0.69	0.00	0.00	0.00	16.47		* Hand tripped on Voltage Regulation. Sikar-420 KV
CKT	400kV RATANGARH(RRVPNL)-SIKAR-2	LVRD	21/06/22	03:19:00	21/06/22	09:58:00	0.28	0.00	0.00	0.00	6.65		* Hand tripped on Voltage Regulation. Sikar-420 KV
							0.97	0.00	0.00	0.00	23.12	100.00	
CKT	400kV ROORKEE-DEHRADUN	OSFT	16/06/22	11:55:00	16/06/22	15:13:00	0.14	3.30	0.00	0.00	0.00		* Forced Shutdown to remove weeds/plants in section 30-31 to avoid unwanted tripping of line.
							0.14	3.30	0.00	0.00	0.00	99.54	
CKT	400kV ROORKEE-KASHIPUR(PTCUL)-1	LCSD	17/06/22	08:56:00	22/06/22	19:45:00	5.45	0.00	0.00	0.00	130.82		* Shutdown for restoration of the line from ERS to new pile foundation tower. Shutdown upto 21.06.2022.
							5.45	0.00	0.00	0.00	130.82	100.00	
CKT	400kV ROORKEE-KASHIPUR(PTCUL)-2	LCSD	23/06/22	08:56:00	26/06/22	21:20:00	3.52	0.00	0.00	0.00	84.40		* Shutdown for restoration of the line from ERS to new pile foundation tower. Shutdown till 27/06/2022.
							3.52	0.00	0.00	0.00	84.40	100.00	
CKT	400kV ROORKEE-MUZAFFARNAGAR(UPPTCL)	OSPD	08/06/22	09:39:00	08/06/22	18:39:00	0.38	0.00	0.00	0.00	9.00		* Shutdown by PTCUL for lopping-chopping of trees, removing birds nest and maintenance work in their portion.
CKT	400kV ROORKEE-MUZAFFARNAGAR(UPPTCL)	LART	10/06/22	05:02:00	10/06/22	05:02:00	0.00	0.00	0.00	0.00	0.00		* Line autoreclose on R-N fault. Roorkee- 5.502KA/70KM, Muzaffarnagar-17.86KA. Fault under PTCUL jurisdiction.
							0.38	0.00	0.00	0.00	9.00	100.00	
CKT	400kV ROORKEE-RISHIKESH(PTCUL)			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-SAHARANPUR-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-1	OSFT	23/06/22	13:58:00	23/06/22	17:10:00	0.13	3.20	0.00	0.00	0.00		* Forced Shutdown for attending loose bottom jumper bolt which is overheated and sparked at location 368 as reported by villagers.
							0.13	3.20	0.00	0.00	0.00	99.56	
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	

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	400kV TUGHLAKABAD-BALLABHGARH-2			00:00:00		00:00:00	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	100.00		
CKT	400kV ZERDA(GETCO)-KANKROLI			00:00:00		00:00:00	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	100.00		
CKT	765kV AJMER-BHADLA2-1	LVRD	19/06/22	04:02:00	19/06/22	13:30:00	0.39	0.00	0.00	0.00	0.00	9.47	* Hand tripped on Voltage Regulation. Ajmer-800 KV.	
CKT	765kV AJMER-BHADLA2-1	LVRD	22/06/22	19:03:00	23/06/22	09:53:00	0.62	0.00	0.00	0.00	0.00	14.83	* Hand tripped on Voltage Regulation. Ajmer-808 KV.	
CKT	765kV AJMER-BHADLA2-1	LVRD	09/06/22	18:07:00	10/06/22	08:47:00	0.61	0.00	0.00	0.00	0.00	16.67	* Hand tripped on Voltage Regulation. Ajmer-806 KV.	
CKT	765kV AJMER-BHADLA2-1	LVRD	11/06/22	17:06:00	12/06/22	09:37:00	0.69	0.00	0.00	0.00	0.00	16.52	* Hand tripped on Voltage Regulation. Ajmer-806 KV.	
CKT	765kV AJMER-BHADLA2-1	LVRD	24/06/22	16:53:00	25/06/22	08:54:00	0.67	0.00	0.00	0.00	0.00	16.02	* Hand tripped on Voltage Regulation. Ajmer-799 KV.	
CKT	765kV AJMER-BHADLA2-1	LVRD	03/06/22	17:35:00	04/06/22	09:22:00	0.66	0.00	0.00	0.00	0.00	15.78	* Hand tripped on Voltage Regulation. Ajmer-800 KV.	
CKT	765kV AJMER-BHADLA2-1	GOVC	22/06/22	17:10:00	22/06/22	19:03:00	0.08	0.00	0.00	1.88	0.00		* Line tripped on Over Voltage Protection operation due to rise in voltage in the range of 818KV.	
CKT	765kV AJMER-BHADLA2-1	LVRD	01/06/22	17:21:00	02/06/22	09:07:00	0.66	0.00	0.00	0.00	0.00	15.77	* Hand tripped on Voltage Regulation. Ajmer-800 KV.	
CKT	765kV AJMER-BHADLA2-1	LVRD	16/06/22	18:42:00	17/06/22	08:29:00	0.57	0.00	0.00	0.00	0.00	13.78	* Hand tripped on Voltage Regulation. Ajmer-797 KV.	
CKT	765kV AJMER-BHADLA2-1	LVRD	26/06/22	19:07:00	27/06/22	05:53:00	0.45	0.00	0.00	0.00	0.00	10.77	* Hand tripped on Voltage Regulation. Ajmer-799 KV.	
CKT	765kV AJMER-BHADLA2-1	LVRD	20/06/22	17:14:00	21/06/22	09:33:00	0.68	0.00	0.00	0.00	0.00	16.32	* Hand tripped on Voltage Regulation. Ajmer-795 KV.	
CKT	765kV AJMER-BHADLA2-1	LVRD	13/06/22	15:49:00	14/06/22	10:20:00	0.77	0.00	0.00	0.00	0.00	18.52	* Hand tripped on Voltage Regulation. Ajmer-802KV.	
CKT	765kV AJMER-BHADLA2-1	LVRD	28/06/22	18:05:00	29/06/22	09:34:00	0.65	0.00	0.00	0.00	0.00	15.48	* Hand tripped on Voltage Regulation. Ajmer-793 KV.	
CKT	765kV AJMER-BHADLA2-1	LVRD	30/06/22	18:12:00	30/06/22	23:59:59	0.24	0.00	0.00	0.00	0.00	5.80	* Hand tripped on Voltage Regulation. Ajmer-796 KV.	
							7.74	0.00	0.00	1.88	183.73	100.00		
CKT	765kV AJMER-BHADLA2-2	LVRD	29/06/22	17:49:00	30/06/22	09:42:00	0.66	0.00	0.00	0.00	0.00	15.88	* Hand tripped on Voltage Regulation. Ajmer-793 KV.	
CKT	765kV AJMER-BHADLA2-2	LVRD	27/06/22	18:24:00	28/06/22	05:29:00	0.46	0.00	0.00	0.00	0.00	11.08	* Hand tripped on Voltage Regulation. Ajmer-793 KV.	
CKT	765kV AJMER-BHADLA2-2	LVRD	19/06/22	18:39:00	20/06/22	09:52:00	0.63	0.00	0.00	0.00	0.00	15.22	* Hand tripped on Voltage Regulation. Ajmer-795 KV.	
CKT	765kV AJMER-BHADLA2-2	LVRD	12/06/22	18:05:00	13/06/22	06:24:00	0.51	0.00	0.00	0.00	0.00	12.32	* Hand tripped on Voltage Regulation. Ajmer-806 KV.	
CKT	765kV AJMER-BHADLA2-2	LVRD	21/06/22	18:53:00	22/06/22	09:58:00	0.63	0.00	0.00	0.00	0.00	15.08	* Hand tripped on Voltage Regulation. Ajmer-795 KV.	
CKT	765kV AJMER-BHADLA2-2	LVRD	17/06/22	21:19:00	18/06/22	10:21:00	0.54	0.00	0.00	0.00	0.00	13.03	* Hand tripped on Voltage Regulation. Ajmer-795 KV.	
CKT	765kV AJMER-BHADLA2-2	LVRD	10/06/22	16:58:00	11/06/22	08:21:00	0.64	0.00	0.00	0.00	0.00	15.38	* Hand tripped on Voltage Regulation. Ajmer-804 KV.	
CKT	765kV AJMER-BHADLA2-2	LVRD	02/06/22	18:23:00	03/06/22	09:29:00	0.63	0.00	0.00	0.00	0.00	15.10	* Shutdown for replacement of damaged B-Ph conductor span between gantry and Dead end tower at Bikaner end.	
CKT	765kV AJMER-BHADLA2-2	LVRD	04/06/22	17:50:00	05/06/22	09:19:00	0.65	0.00	0.00	0.00	0.00	15.48	* Hand tripped on Voltage Regulation. Ajmer-800 KV.	
CKT	765kV AJMER-BHADLA2-2	LVRD	08/06/22	17:47:00	09/06/22	08:31:00	0.61	0.00	0.00	0.00	0.00	14.73	* Hand tripped on Voltage Regulation. Ajmer-801 KV.	
CKT	765kV AJMER-BHADLA2-2	LVRD	25/06/22	17:01:00	26/06/22	09:18:00	0.68	0.00	0.00	0.00	0.00	16.28	* Hand tripped on Voltage Regulation. Ajmer-793 KV.	
CKT	765kV AJMER-BHADLA2-2	LVRD	23/06/22	17:07:00	24/06/22	08:47:00	0.65	0.00	0.00	0.00	0.00	15.67	* Hand tripped on Voltage Regulation. Ajmer-795 KV.	
							7.29	0.00	0.00	0.00	175.25	100.00		
CKT	765kV BHADLA-BIKANER-1	OSPT	02/06/22	17:28:00	03/06/22	02:08:00	0.36	8.67	0.00	0.00	0.00	0.00		* Shutdown for replacement of damaged B-Ph conductor span between gantry and Dead end tower at Bikaner end.
CKT	765kV BHADLA-BIKANER-1	GOVC	22/06/22	17:10:00	22/06/22	19:04:00	0.08	0.00	0.00	1.90	0.00		* Line tripped on Over Voltage Protection operation due to rise in voltage in the range of 818KV.	
CKT	765kV BHADLA-BIKANER-1	LVRD	22/06/22	19:04:00	22/06/22	21:52:00	0.12	0.00	0.00	0.00	2.80		* Hand tripped on Voltage Regulation. Ajmer-808 KV.	
							0.56	8.67	0.00	1.90	2.80	98.79		
CKT	765kV BHADLA-BIKANER-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	765kV BHIWANI-PHAGI(RRVPNL)-1	LVRD	03/06/22	17:25:00	04/06/22	09:48:00	0.68	0.00	0.00	0.00	0.00	16.38	* Hand tripped on Voltage Regulation. Phagi-800 KV.	
CKT	765kV BHIWANI-PHAGI(RRVPNL)-1	LVRD	18/06/22	18:15:00	20/06/22	10:38:00	1.68	0.00	0.00	0.00	0.00	40.38	* Hand tripped on Voltage Regulation. Bhiwani-800KV.	
							2.36	0.00	0.00	0.00	56.76	100.00		
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LART	15/06/22	13:21:00	15/06/22	13:21:00	0.00	0.00	0.00	0.00	0.00		* Line Auto reclose on Y-N fault caused due to foreign material during heavy wind in the area. FLR: Phagi-71.59Km, Bhiwani-205.41Km.	
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	OSFT	09/06/22	16:52:00	09/06/22	19:32:00	0.11	2.67	0.00	0.00	0.00		* Shutdown taken for checking of PD relay and AR logic in 701A bay at Phagi.	
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	OMSU	08/06/22	13:36:00	08/06/22	14:08:00	0.02	0.00	0.53	0.00	0.00		* Tripped on Y-N fault caused by forest fire between loc 139-140. FLR- Bhiwani-234KM/3.9KA. Phagi-81.357KM/8.7KA.	
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LVRD	12/06/22	19:07:00	13/06/22	10:02:00	0.62	0.00	0.00	0.00	0.00	14.92	* Hand tripped on Voltage Regulation. Bhiwani-798 KV.	
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LVRD	30/06/22	16:44:00	30/06/22	23:59:59	0.30	0.00	0.00	0.00	0.00	7.27	* Hand tripped on Voltage Regulation. Bikaner-800 KV.	
							1.05	2.67	0.53	0.00	22.19	99.63		
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	LART	21/06/22	15:24:00	21/06/22	15:24:00	0.00	0.00	0.00	0.00	0.00		* Line A/R on R-N fault. FLR- Bikaner-58.41km/7.19kA, Bhadla-2-118km/4.80kA. Fault is in Bikaner TL Jurisdiction.	
							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	01/06/22	00:00:01	01/06/22	05:53:00	0.25	0.00	0.00	0.00	0.00	5.88	* Hand tripped on Voltage Regulation. Bikaner-798 KV.	
CKT	765kV BIKANER-MOGA-1	LVRD	23/06/22	17:44:00	24/06/22	09:12:00	0.64	0.00	0.00	0.00	0.00	15.47	* Hand tripped on Voltage Regulation. Bikaner-800KV.	
CKT	765kV BIKANER-MOGA-1	LVRD	13/06/22	15:38:00	14/06/22	09:01:00	0.72	0.00	0.00	0.00	0.00	17.38	* Hand tripped on Voltage Regulation. Bikaner-799KV.	

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
							3.15	0.00	0.00	0.00	0.00	75.04	
LNR	240MVAR,SWLR OF MEERUT AT BHIWANI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SWLR OF KANKAROLI AT BHINMAL			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	330MVAR,SWLR OF BHADLA2-1 AT BIKANER	SVRD	11/06/22	10:54:00	11/06/22	15:11:00	0.18	0.00	0.00	0.00	4.28	100.00	* Hand tripped on Voltage Regulation. Voltage-749 KV.
LNR	330MVAR,SWLR OF BHADLA2-2 AT BIKANER	SVRD	11/06/22	11:53:00	11/06/22	16:05:00	0.18	0.00	0.00	0.00	4.20	100.00	* Hand tripped on Voltage Regulation. Voltage-749 KV.
LNR	330MVAR,SWLR OF MOGA-1 AT BIKANER			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	330MVAR,SWLR OF MOGA-2 AT BIKANER			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF BHADLA-2 AT BIKANER	SVRD	11/06/22	10:11:00	11/06/22	15:33:00	0.22	0.00	0.00	0.00	5.37	100.00	* Hand tripped on Voltage Regulation. Voltage-749 KV.
LNR	240MVAR,SWLR OF BHADLA-1 AT BIKANER	SVRD	11/06/22	09:49:00	11/06/22	14:09:00	0.18	0.00	0.00	0.00	4.33	100.00	* Hand tripped on Voltage Regulation. Voltage-754 KV.
LNR	240MVAR,SWLR OF BANSKANTA-2 AT CHITORG			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 CHITORG			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	OSFT	25/06/22	17:19:00	26/06/22	12:17:00	0.79	18.97	0.00	0.00	0.00	97.37	* Forced Shutdown to attend mechanical problem in closing of R-Ph CB pole which leads to tripping of pole in pole discrepancy.
LNR	240MVAR,SWLR OF BHADLA1-2 AT FATEHGARH	SVRD	09/06/22	12:17:00	30/06/22	23:59:59	21.49	0.00	0.00	0.00	515.72	100.00	* Hand tripped on Voltage Regulation. Voltage-750 KV.
LNR	240MVAR,SWLR OF BHADLA1-1 AT FATEHGARH	SVRD	23/06/22	07:20:00	29/06/22	15:47:00	6.35	0.00	0.00	0.00	152.45	100.00	* Hand tripped on Voltage Regulation. Voltage-750 KV.
LNR	240MVAR,SWLR OF BHADLA1-1 AT FATEHGARH	SVRD	11/06/22	09:09:00	12/06/22	17:53:00	1.36	0.00	0.00	0.00	32.73	100.00	* Hand tripped on Voltage Regulation. Voltage-748 KV.
LNR	240MVAR,SWLR OF BHADLA1-1 AT FATEHGARH	SVRD	19/06/22	09:00:00	22/06/22	18:58:00	3.42	0.00	0.00	0.00	81.97	100.00	* Hand tripped on Voltage Regulation. Voltage-750 KV.
LNR	240MVAR,SWLR OF BHADLA1-1 AT FATEHGARH	OSFT	12/06/22	17:54:00	12/06/22	23:01:00	0.21	5.12	0.00	0.00	0.00	100.00	* Forced S/D to attend CB closing problem due to issue of connector plug of closing ckt of reactor CB.
LNR	240MVAR,SWLR OF BHADLA1-1 AT FATEHGARH	SVRD	30/06/22	07:42:00	30/06/22	23:59:59	0.68	0.00	0.00	0.00	16.30	99.29	* Hand tripped on Voltage Regulation. Voltage-750 KV.
LNR	240MVAR,SWLR OF BHIWANI-2 AT PHAGI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
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	
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-1	OSFT	23/06/22	15:59:00	23/06/22	20:45:00	0.20	4.77	0.00	0.00	0.00	99.34	* Forced Shutdown for rectification of broken suspension clamp of OPGW at Tower location 3278.
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-1	LVRD	19/06/22	08:40:00	21/06/22	14:23:00	2.24	0.00	0.00	0.00	53.72	99.34	* Hand tripped on Voltage Regulation.KKR-422 KV.
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-2	LVRD	19/06/22	08:41:00	21/06/22	14:32:00	2.24	0.00	0.00	0.00	53.85	99.34	* Hand tripped on Voltage Regulation.KKR-422 KV.
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-2	SRMT	09/06/22	20:57:00	10/06/22	01:40:00	0.20	4.72	0.00	0.00	0.00	99.34	* Pole-II tripped due to WTI (line) trip initiated from YY-Y phase converter Transformer at Champa end due to maloperation of RTD sensor. Same has been replaced.
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-2	OSFT	23/06/22	15:59:00	23/06/22	20:48:00	0.20	4.82	0.00	0.00	0.00	98.68	* Forced Shutdown for rectification of broken suspension clamp of OPGW at Tower location 3278.
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-3	OSFT	23/06/22	15:49:00	23/06/22	20:55:00	0.21	5.10	0.00	0.00	0.00	99.29	* Forced Shutdown for rectification of broken suspension clamp of OPGW at Tower location 3278.
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-4	OSFT	09/06/22	17:38:00	09/06/22	19:50:00	0.09	2.20	0.00	0.00	0.00	99.29	* Forced Shutdown of Pole-4 at HVDC Kurukshetra substation for attending hotspot at Neutral Bushing connection to busbar of Y-phase YY Converter Transformer.

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
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-4	OSFT	23/06/22	15:50:00	23/06/22	21:06:00	0.22	5.27	0.00	0.00	0.00	98.96	* Forced Shutdown for rectification of broken suspension clamp of OPGW at Tower location 3278.
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	
XMER	500MVA,400/220kV ICT-1 AT BAGPAT			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 BAGPAT			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 BALLABGARH			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 BALLABGARH			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 BALLABGARH			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 BALLABGARH			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 BASSI			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 BASSI			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 BASSI			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 BHADLA-2			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 BHADLA-2			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 BHADLA-2	SCSD	28/06/22	18:22:00	29/06/22	00:44:00	0.27	0.00	0.00	0.00	6.37	100.00	* S/D for Tertiary bus extension work.
XMER	500MVA,400/220kV ICT-4 AT BHADLA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-5 AT BHADLA-2			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 BAHADURGARH			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 BAHADURGARH			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 BADHLA			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 BADHLA			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 BADHLA			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 BADHLA			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 BADHLA			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 BADHLA			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 BHADLA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-5 AT BADHLA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-6 AT BHADLA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-7 AT BADHLA			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 BHIWADI	OSFT	21/06/22	15:20:00	21/06/22	20:26:00	0.21	5.10	0.00	0.00	0.00	99.29	* Forced S/D for IR Value Measurement of 400 kV R Phase LA (CGL Make) as difference in temperature of different stacks was considerable during routine thermo-vision scanning.
XMER	315MVA,400/220kV ICT-2 AT BHIWADI			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 BHIWADI			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 BHIWANI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1000MVA,765/400kV ICT-1 AT BHIWANI			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 certifyin	Detailed Reasons for Outage
XMER	315MVA,400/220kV ICT-2 AT BHIWANI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1000MVA,765/400kV ICT-2 AT BHIWANI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1000MVA,765/400kV ICT-3 AT BHIWANI	OSPT	11/06/22	08:15:00	11/06/22	22:30:00	0.59	14.25	0.00	0.00	0.00	98.02	* Shutdown for taking R-phase unit into service in place of spare unit.
XMER	315MVA,400/220kV ICT-1 AT BHINMAL			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 BHINMAL	OSFT	01/06/22	00:00:01	01/06/22	21:37:00	0.90	21.62	0.00	0.00	0.00	97.00	* Forced S/D to attend heavy oil leakage observed from 220KV side B-Ph bushing <-> bushing oil level is getting low.
XMER	500MVA,400/220kV ICT-1 AT BIKANER			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 BIKANER	OSFT	18/06/22	19:31:00	18/06/22	22:28:00	0.12	2.95	0.00	0.00	0.00	99.59	* Forced Shutdown to attend the damaged conductor in dropper of R-Phase IV Side isolator of 765/400kv ICT-1.
XMER	500MVA,400/220kV ICT-2 AT BIKANER			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 BIKANER			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 BAWANA DTL			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 CHITTORGARH			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 CHITTORGARH			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 DEHRADUN	OSPT	23/06/22	09:56:00	23/06/22	12:48:00	0.12	2.87	0.00	0.00	0.00	99.60	* Shutdown for replacement of OSR Relays.
XMER	315MVA,400/220kV ICT-2 AT DEHRADUN			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 DWARKA			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 DWARKA			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 DWARKA			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 DWARKA			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 FATEHGARH-2			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 FATEHGARH-2			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 FATEHGARH-2			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 FATEHGARH-2			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 FATEHGARH-2			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 FATEHGARH-2			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 FATEHGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-4 AT FATEHGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-5 AT FATEHGARH-2			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 GURGAON			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 GURGAON			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 GURGAON	OSPT	03/06/22	07:15:00	03/06/22	23:11:00	0.66	15.93	0.00	0.00	0.00	97.79	* Shutdown for Annual maintenance planned work and to attend faulty Aircell problem in Conservator.
XMER	500MVA,400/220kV ICT-4 AT GURGAON			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 HISAR	OSPT	23/06/22	09:34:00	23/06/22	13:22:00	0.16	3.80	0.00	0.00	0.00	99.47	* Shutdown for annual maintenance work.
XMER	315MVA,400/220kV ICT-2 AT HISAR	OSFT	23/06/22	12:02:00	23/06/22	16:03:00	0.17	4.02	0.00	0.00	0.00	99.44	* ICT Manually Hand tripped due to sparking in B-phase bushing terminal connector.
XMER	315MVA,400/220kV ICT-3 AT HISAR			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
							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	
							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	
							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	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-4 AT MEERUT			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-3 AT MUZAFFARNAGAR	SBBU	11/06/22	23:00:00	12/06/22	00:22:00	0.06	0.00	1.37	0.00	0.00		* Tripped on 220kV Bus bar Protection Operated due to CT blast of 220 KV Muzaffarnagar-Shamil line at Muzaffarnagar end which is UPPCL owned.
							0.56	12.03	1.37	0.00	0.00	98.33	* S/D for AMP work.
XMER	315MVA,400/220kV ICT-3 AT MUZAFFARNAGAR	OSPT	28/06/22	09:50:00	28/06/22	21:52:00	0.50	12.03	1.37	0.00	0.00	98.33	
							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	
							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	
							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	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT ROORKEE	OSFT	04/06/22	11:37:00	04/06/22	13:49:00	0.09	2.20	0.00	0.00	0.00		* Forced S/D attend hot spot in 21089 line isolator of ICT and replacement of the moving blade,arm of isolator.
							0.09	2.20	0.00	0.00	0.00	99.69	
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	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT SAHARANPUR	OSPT	13/06/22	09:53:00	13/06/22	18:13:00	0.35	8.33	0.00	0.00	0.00		* S/D for AMP work.
							0.35	8.33	0.00	0.00	0.00	98.84	
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	
							0.00	0.00	0.00	0.00	0.00	100.00	
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	
							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	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT SIKAR	OSPT	02/06/22	08:17:00	02/06/22	22:11:00	0.58	13.90	0.00	0.00	0.00		* Shutdown for Annual maintenance planned work.
							0.58	13.90	0.00	0.00	0.00	98.07	
XMER	315MVA,400/220kV ICT-1 AT SONIPAT	OSPT	03/06/22	09:41:00	03/06/22	19:13:00	0.40	9.53	0.00	0.00	0.00		* Shutdown for Annual maintenance and relay retrofitting work.
							0.40	9.53	0.00	0.00	0.00	98.68	
XMER	315MVA,400/220kV ICT-2 AT SONIPAT	OSPT	04/06/22	09:29:00	04/06/22	13:54:00	0.18	4.42	0.00	0.00	0.00		* Shutdown for Annual maintenance and relay retrofitting work.
							0.18	4.42	0.00	0.00	0.00	99.39	
XMER	500MVA,400/220kV ICT-3 AT SONIPAT			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 TUGHLAKABAD			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 TUGHLAKABAD			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 TUGHLAKABAD			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 TUGHLAKABAD			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	
							714.07	1,050.79	76.27	7.67	15,992.56		