

Standard of Performance data for the month of August-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	SVRD	18/08/22	11:30:00	18/08/22	15:37:00	0.17	0.00	0.00	0.00	0.00	4.12	* BR opened on voltage regulation. Voltage-398KV.
BSR	50MVAR,BUS REACTOR-1 AT BASSI	SVRD	27/08/22	10:41:00	31/08/22	19:51:00	4.38	0.00	0.00	0.00	105.17	109.29	* BR opened on voltage regulation
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	SVRD	18/08/22	11:30:00	18/08/22	15:36:00	0.17	0.00	0.00	0.00	0.00	4.10	* BR opened on voltage regulation. Voltage-404KV.
BSR	125MVAR,BUS REACTOR-4 AT BASSI	SVRD	27/08/22	10:41:00	31/08/22	23:59:59	4.56	0.00	0.00	0.00	109.32	109.32	* BR opened on voltage regulation
BSR	125MVAR,BUS REACTOR-4 AT BASSI	SVRD	02/08/22	11:33:00	11/08/22	14:00:00	9.10	0.00	0.00	0.00	218.45	331.87	* BR opened on voltage regulation. Voltage-392 KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	21/08/22	11:44:00	21/08/22	15:16:00	0.15	0.00	0.00	0.00	0.00	3.53	* BR opened on voltage regulation. V-398KV
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	18/08/22	10:52:00	18/08/22	12:02:00	0.05	0.00	0.00	0.00	0.00	1.17	* BR opened on voltage regulation. Voltage-395KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	07/08/22	10:42:00	07/08/22	12:59:00	0.10	0.00	0.00	0.00	0.00	2.28	* BR opened on voltage regulation.V=396KV
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	17/08/22	10:00:00	17/08/22	15:53:00	0.25	0.00	0.00	0.00	0.00	5.88	* BR opened on voltage regulation. Voltage-395KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	09/08/22	10:30:00	09/08/22	15:33:00	0.21	0.00	0.00	0.00	0.00	5.05	* BR opened on voltage regulation.Voltage-396kV
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	26/08/22	10:17:00	26/08/22	14:01:00	0.16	0.00	0.00	0.00	0.00	3.73	* BR opened on voltage regulation V-388KV
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	12/08/22	10:21:00	12/08/22	16:11:00	0.24	0.00	0.00	0.00	0.00	5.83	* opened on voltage regulation. Bhadla: 739KV
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	27/08/22	10:20:00	27/08/22	16:21:00	0.25	0.00	0.00	0.00	0.00	6.02	* BR opened on voltage regulation
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	10/08/22	10:11:00	10/08/22	15:31:00	0.22	0.00	0.00	0.00	0.00	5.33	* BR opened on voltage regulation. Voltage-395KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	25/08/22	10:01:00	25/08/22	15:59:00	0.25	0.00	0.00	0.00	0.00	5.97	* BR opened on voltage regulation. Voltage-395KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	05/08/22	12:18:00	05/08/22	14:24:00	0.09	0.00	0.00	0.00	0.00	2.10	* BR opened on voltage regulation. V-398KV
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	14/08/22	10:33:00	14/08/22	15:18:00	0.20	0.00	0.00	0.00	0.00	4.75	* BR opened on voltage regulation. Voltage-395KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	15/08/22	09:21:00	15/08/22	16:17:00	0.29	0.00	0.00	0.00	0.00	6.93	* BR opened on voltage regulation. Voltage-395KV
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	23/08/22	10:51:00	23/08/22	17:05:00	0.26	0.00	0.00	0.00	0.00	6.23	* BR opened on voltage regulation. Voltage-398KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	31/08/22	09:32:00	31/08/22	13:06:00	0.15	0.00	0.00	0.00	0.00	3.57	* BR opened on voltage regulation. Voltage-395KV
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	01/08/22	11:43:00	01/08/22	15:52:00	0.17	0.00	0.00	0.00	0.00	4.15	* Hand tripped on Voltage Regulation. Voltage-396 KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	02/08/22	11:15:00	02/08/22	14:50:00	0.15	0.00	0.00	0.00	0.00	3.58	* BR opened on voltage regulation. Voltage-392 KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	03/08/22	09:41:00	04/08/22	15:26:00	1.24	0.00	0.00	0.00	0.00	29.75	* BR opened on voltage regulation. Voltahe-398KV
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	29/08/22	11:13:00	29/08/22	15:13:00	0.17	0.00	0.00	0.00	0.00	4.00	* BR opened on voltage regulation; Bhadla2: 399 KV
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	28/08/22	09:48:00	28/08/22	16:10:00	0.27	0.00	0.00	0.00	0.00	6.37	* BR opened on voltage regulation; Bhadla2: 393 KV
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	22/08/22	10:10:00	22/08/22	14:55:00	0.20	0.00	0.00	0.00	0.00	4.75	* BR opened on voltage regulation. V=399kV
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	11/08/22	10:42:00	11/08/22	16:54:00	0.26	0.00	0.00	0.00	0.00	6.20	* BR opened on voltage regulation. V-398KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	24/08/22	10:00:00	24/08/22	16:13:00	0.26	0.00	0.00	0.00	0.00	6.22	* BR opened on voltage regulation. Voltage-398KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	06/08/22	11:24:00	06/08/22	15:14:00	0.16	0.00	0.00	0.00	0.00	3.83	* BR opened on voltage regulation.Voltage-395 KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	16/08/22	09:49:00	16/08/22	14:06:00	0.18	0.00	0.00	0.00	0.00	4.28	* BR opened on voltage regulation.V=395KV
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	19/08/22	10:18:00	19/08/22	17:07:00	0.28	0.00	0.00	0.00	0.00	6.82	* BR opened on voltage regulation. V-397KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	09/08/22	08:11:00	09/08/22	15:35:00	0.31	0.00	0.00	0.00	0.00	7.40	* Hand tripped on Voltage Regulation. Voltage-750 KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	25/08/22	10:59:00	25/08/22	16:07:00	0.21	0.00	0.00	0.00	0.00	5.13	* BR opened on voltage regulation. Voltage-762KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	22/08/22	10:35:00	22/08/22	16:18:00	0.24	0.00	0.00	0.00	0.00	5.72	* BR opened on voltage regulation.V=760 kV
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	27/08/22	09:28:00	27/08/22	15:50:00	0.27	0.00	0.00	0.00	0.00	6.37	* BR opened on voltage regulation V-760KV
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	16/08/22	11:33:00	16/08/22	13:08:00	0.07	0.00	0.00	0.00	0.00	1.58	* BR opened on voltage regulation.Voltage-756kV
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	07/08/22	10:41:00	07/08/22	12:46:00	0.09	0.00	0.00	0.00	0.00	2.08	* BR opened on voltage regulation.V=758KV
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	05/08/22	10:53:00	05/08/22	14:53:00	0.17	0.00	0.00	0.00	0.00	4.00	* BR opened on voltage regulation.Voltage-760KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	19/08/22	10:21:00	19/08/22	16:14:00	0.25	0.00	0.00	0.00	0.00	5.88	* BR opened on voltage regulation.V-756kV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	30/08/22	09:06:00	30/08/22	15:08:00	0.25	0.00	0.00	0.00	0.00	6.03	* BR opened on voltage regulation. Voltage-760kV
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	20/08/22	11:31:00	20/08/22	14:57:00	0.14	0.00	0.00	0.00	0.00	3.43	* BR opened on voltage regulation.V-760 KV
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	21/08/22	11:39:00	21/08/22	15:06:00	0.14	0.00	0.00	0.00	0.00	3.45	* BR opened on voltage regulation. Bhadla 2=761KV
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	14/08/22	10:02:00	14/08/22	13:18:00	0.14	0.00	0.00	0.00	0.00	3.27	* BR opened on voltage regulation. Voltage-757KV
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	28/08/22	09:45:00	28/08/22	13:18:00	0.15	0.00	0.00	0.00	0.00	3.55	* BR opened on voltage regulation; Bhadla2: 755 KV
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	12/08/22	10:19:00	12/08/22	12:56:00	0.11	0.00	0.00	0.00	0.00	2.62	* opened on voltage regulation. Bhadla: 739KV
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	29/08/22	09:59:00	29/08/22	15:21:00	0.22	0.00	0.00	0.00	0.00	5.37	* BR opened on voltage regulation. V-764kV
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	13/08/22	11:33:00	13/08/22	17:00:00	0.23	0.00	0.00	0.00	0.00	5.45	* BR opened on voltage regulation.V-761KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	31/08/22	09:34:00	31/08/22	13:11:00	0.15	0.00	0.00	0.00	0.00	3.62	* BR opened on voltage regulation. Voltage-755KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	18/08/22	11:08:00	18/08/22	15:32:00	0.18	0.00	0.00	0.00	0.00	4.40	* BR opened on voltage regulation. Voltage-745KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	23/08/22	10:45:00	23/08/22	16:12:00	0.23	0.00	0.00	0.00	0.00	5.45	* BR opened on voltage regulation. Voltage-760KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	08/08/22	10:59:00	08/08/22	13:25:00	0.10	0.00	0.00	0.00	0.00	2.43	* BR opened on voltage regulation-753KV

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-1 AT BHADLA-2	SVRD	01/08/22	11:29:00	01/08/22	15:30:00	0.17	0.00	0.00	0.00	0.00	4.02	* Hand tripped on Voltage Regulation. Voltage-752 KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	02/08/22	10:17:00	02/08/22	15:45:00	0.23	0.00	0.00	0.00	0.00	5.47	* BR opened on voltage regulation. Voltage-755 KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	16/08/22	14:24:00	16/08/22	16:32:00	0.09	0.00	0.00	0.00	0.00	2.13	* BR opened on voltage regulation. Voltage- 740
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	06/08/22	10:35:00	06/08/22	13:02:00	0.10	0.00	0.00	0.00	0.00	2.45	* BR opened on voltage regulation.Voltage-760KV.* v
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	26/08/22	10:18:00	26/08/22	16:01:00	0.24	0.00	0.00	0.00	0.00	5.72	* BR opened on voltage regulation V-750KV
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	11/08/22	09:50:00	11/08/22	15:51:00	0.25	0.00	0.00	0.00	0.00	6.02	* BR opened on voltage regulation. Voltage-746KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	03/08/22	10:02:00	03/08/22	13:20:00	0.14	0.00	0.00	0.00	0.00	3.30	* BR opened on voltage regulation. Voltage-765KV
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	04/08/22	10:36:00	04/08/22	12:58:00	0.10	0.00	0.00	0.00	0.00	2.37	* BR opened on voltage regulation; V=760KV
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	10/08/22	10:03:00	10/08/22	14:14:00	0.17	0.00	0.00	0.00	0.00	4.18	* BR opened on voltage regulation. Voltage-758KV.
							5.14	0.00	0.00	0.00	0.00	122.89	100.00
BSR	240MVAR,BUS REACTOR-2 AT BHADLA-2	SVRD	23/08/22	11:42:00	23/08/22	16:20:00	0.19	0.00	0.00	0.00	0.00	4.63	* BR opened on voltage regulation. Voltage-760KV.
BSR	240MVAR,BUS REACTOR-2 AT BHADLA-2	SVRD	02/08/22	11:03:00	02/08/22	15:17:00	0.18	0.00	0.00	0.00	0.00	4.23	* BR opened on voltage regulation. Voltage-760 KV.
BSR	240MVAR,BUS REACTOR-2 AT BHADLA-2	SVRD	04/08/22	10:43:00	04/08/22	13:13:00	0.10	0.00	0.00	0.00	0.00	2.50	* BR opened on voltage regulation; V=765KV
BSR	240MVAR,BUS REACTOR-2 AT BHADLA-2	SVRD	03/08/22	10:27:00	03/08/22	15:03:00	0.19	0.00	0.00	0.00	0.00	4.60	* BR opened on voltage regulation. Voltage-765KV
BSR	240MVAR,BUS REACTOR-2 AT BHADLA-2	SVRD	01/08/22	12:15:00	01/08/22	15:48:00	0.15	0.00	0.00	0.00	0.00	3.55	* Hand tripped on Voltage Regulation. Voltage-757 KV.
BSR	240MVAR,BUS REACTOR-2 AT BHADLA-2	SVRD	10/08/22	10:14:00	10/08/22	16:20:00	0.25	0.00	0.00	0.00	0.00	6.10	* BR opened on voltage regulation. Voltage-756KV.
BSR	240MVAR,BUS REACTOR-2 AT BHADLA-2	SVRD	29/08/22	10:36:00	29/08/22	15:00:00	0.18	0.00	0.00	0.00	0.00	4.40	* BR opened on voltage regulation.V-760KV
BSR	240MVAR,BUS REACTOR-2 AT BHADLA-2	SVRD	30/08/22	09:32:00	30/08/22	13:36:00	0.17	0.00	0.00	0.00	0.00	4.07	* BR opened on voltage regulation. Voltage- 760kV
BSR	240MVAR,BUS REACTOR-2 AT BHADLA-2	SVRD	16/08/22	11:54:00	16/08/22	13:42:00	0.08	0.00	0.00	0.00	0.00	1.80	* BR opened on voltage regulation,V=756KV
BSR	240MVAR,BUS REACTOR-2 AT BHADLA-2	SVRD	05/08/22	11:32:00	05/08/22	14:19:00	0.12	0.00	0.00	0.00	0.00	2.78	* BR opened on voltage regulation; Bhadia- 2-758KV
BSR	240MVAR,BUS REACTOR-2 AT BHADLA-2	SVRD	06/08/22	10:46:00	06/08/22	15:03:00	0.18	0.00	0.00	0.00	0.00	4.28	* BR opened on voltage regulation.Voltage-760KV.
BSR	240MVAR,BUS REACTOR-2 AT BHADLA-2	SVRD	07/08/22	11:16:00	07/08/22	12:59:00	0.07	0.00	0.00	0.00	0.00	1.72	* BR opened on voltage regulation.V=765KV
BSR	240MVAR,BUS REACTOR-2 AT BHADLA-2	SVRD	08/08/22	11:15:00	08/08/22	14:09:00	0.12	0.00	0.00	0.00	0.00	2.90	* BR opened on voltage regulation-758KV
BSR	240MVAR,BUS REACTOR-2 AT BHADLA-2	SVRD	09/08/22	10:14:00	09/08/22	16:30:00	0.26	0.00	0.00	0.00	0.00	6.27	* BR opened on voltage regulation.Voltage-756KV.
BSR	240MVAR,BUS REACTOR-2 AT BHADLA-2	SVRD	22/08/22	11:22:00	22/08/22	15:06:00	0.16	0.00	0.00	0.00	0.00	3.73	* BR opened on voltage regulation. V=760 kV
BSR	240MVAR,BUS REACTOR-2 AT BHADLA-2	SVRD	26/08/22	10:57:00	26/08/22	15:00:00	0.17	0.00	0.00	0.00	0.00	4.05	* BR opened on voltage regulation
BSR	240MVAR,BUS REACTOR-2 AT BHADLA-2	SVRD	25/08/22	12:27:00	25/08/22	15:42:00	0.14	0.00	0.00	0.00	0.00	3.25	* BR opened on voltage regulation. Voltage-755kV.
BSR	240MVAR,BUS REACTOR-2 AT BHADLA-2	SVRD	27/08/22	10:37:00	27/08/22	15:24:00	0.20	0.00	0.00	0.00	0.00	4.78	* BR opened on voltage regulation
BSR	240MVAR,BUS REACTOR-2 AT BHADLA-2	SVRD	11/08/22	10:36:00	11/08/22	16:54:00	0.26	0.00	0.00	0.00	0.00	6.30	* BR opened on voltage regulation. Voltage- 750KV.
BSR	240MVAR,BUS REACTOR-2 AT BHADLA-2	SVRD	13/08/22	10:27:00	13/08/22	13:07:00	0.11	0.00	0.00	0.00	0.00	2.67	* BR opened on voltage regulation. V-766KV.
BSR	240MVAR,BUS REACTOR-2 AT BHADLA-2	SVRD	14/08/22	10:28:00	14/08/22	12:19:00	0.08	0.00	0.00	0.00	0.00	1.85	* BR opened on voltage regulation. Voltage-757KV
BSR	240MVAR,BUS REACTOR-2 AT BHADLA-2	SVRD	31/08/22	09:51:00	31/08/22	15:56:00	0.25	0.00	0.00	0.00	0.00	6.08	* BR opened on voltage regulation. Voltage-755KV
BSR	240MVAR,BUS REACTOR-2 AT BHADLA-2	SVRD	28/08/22	10:14:00	28/08/22	14:49:00	0.19	0.00	0.00	0.00	0.00	4.58	* BR opened on voltage regulation; Bhadia2: 758 KV
							3.80	0.00	0.00	0.00	0.00	91.12	100.00
BSR	125MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	02/08/22	09:56:00	02/08/22	17:21:00	0.31	0.00	0.00	0.00	0.00	7.42	* BR opened on voltage regulation. Voltage-392 KV.
BSR	125MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	04/08/22	09:37:00	04/08/22	15:25:00	0.24	0.00	0.00	0.00	0.00	5.80	* BR opened on voltage regulation; V=397KV
BSR	125MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	03/08/22	10:04:00	04/08/22	04:13:00	0.76	0.00	0.00	0.00	0.00	18.15	* BR opened on voltage regulation. V-395KV
BSR	125MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	29/08/22	11:40:00	29/08/22	15:16:00	0.15	0.00	0.00	0.00	0.00	3.60	* BR opened on voltage regulation; Bhadia: 399 KV
BSR	125MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	09/08/22	09:23:00	09/08/22	16:19:00	0.29	0.00	0.00	0.00	0.00	6.93	* BR opened on voltage regulation-397KV
BSR	125MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	16/08/22	09:55:00	16/08/22	13:42:00	0.16	0.00	0.00	0.00	0.00	3.78	* BR opened on voltage regulation,V=396KV
BSR	125MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	27/08/22	10:42:00	27/08/22	16:30:00	0.24	0.00	0.00	0.00	0.00	5.80	* BR opened on voltage regulation
BSR	125MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	14/08/22	09:40:00	14/08/22	15:22:00	0.24	0.00	0.00	0.00	0.00	5.70	* BR opened on voltage regulation. Voltage-398kV.
BSR	125MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	10/08/22	09:37:00	10/08/22	16:50:00	0.30	0.00	0.00	0.00	0.00	7.22	* BR opened on voltage regulation. Voltage-395KV
BSR	125MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	28/08/22	09:46:00	28/08/22	15:26:00	0.24	0.00	0.00	0.00	0.00	5.67	* BR opened on voltage regulation; Bhadia: 390KV
BSR	125MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	22/08/22	10:23:00	22/08/22	15:03:00	0.19	0.00	0.00	0.00	0.00	4.67	* BR opened on voltage regulation,V=398kV.
BSR	125MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	19/08/22	10:51:00	19/08/22	17:12:00	0.27	0.00	0.00	0.00	0.00	6.35	* BR opened on voltage regulation.V-396KV.
BSR	125MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	25/08/22	10:00:00	25/08/22	16:07:00	0.26	0.00	0.00	0.00	0.00	6.12	* BR opened on voltage regulation. Voltage-398kV.
BSR	125MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	21/08/22	11:43:00	21/08/22	15:27:00	0.16	0.00	0.00	0.00	0.00	3.73	* BR opened on voltage regulation. Bhadia=391KV
BSR	125MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	26/08/22	10:38:00	26/08/22	14:03:00	0.14	0.00	0.00	0.00	0.00	3.42	* BR opened on voltage regulation V- 390kV
BSR	125MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	18/08/22	10:53:00	18/08/22	16:03:00	0.22	0.00	0.00	0.00	0.00	5.17	* BR opened on voltage regulation. Voltage-395KV.
BSR	125MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	15/08/22	08:56:00	15/08/22	16:15:00	0.31	0.00	0.00	0.00	0.00	7.32	* BR opened on voltage regulation. Voltage-401KV.
BSR	125MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	07/08/22	09:59:00	07/08/22	13:16:00	0.14	0.00	0.00	0.00	0.00	3.28	* BR opened on voltage regulation,V=389KV
BSR	125MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	31/08/22	09:42:00	31/08/22	13:13:00	0.15	0.00	0.00	0.00	0.00	3.52	* BR opened on voltage regulation. Voltage-395kV
BSR	125MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	23/08/22	10:40:00	23/08/22	17:11:00	0.27	0.00	0.00	0.00	0.00	6.52	* BR opened on voltage regulation. Voltage-395kV.
BSR	125MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	24/08/22	10:00:00	24/08/22	16:23:00	0.27	0.00	0.00	0.00	0.00	6.38	* BR opened on voltage regulation. Voltage-398kV.
BSR	125MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	05/08/22	10:40:00	05/08/22	14:21:00	0.15	0.00	0.00	0.00	0.00	3.68	* BR opened on voltage regulation; Bhadia-401KV
BSR	125MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	11/08/22	10:41:00	12/08/22	16:19:00	1.24	0.00	0.00	0.00	0.00	29.63	* BR opened on voltage regulation.Voltage-390
BSR	125MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	30/08/22	10:30:00	30/08/22	15:15:00	0.20	0.00	0.00	0.00	0.00	4.75	* BR opened on voltage regulation. Voltage-760kV
BSR	125MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	17/08/22	09:55:00	17/08/22	16:11:00	0.26	0.00	0.00	0.00	0.00	6.27	* BR opened on voltage regulation. Voltage-398kV.
BSR	125MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	16/08/22	14:31:00	16/08/22	16:04:00	0.07	0.00	0.00	0.00	0.00	1.55	* BR opened on voltage regulation. Voltage- 384KV
BSR	125MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	06/08/22	11:25:00	06/08/22	15:18:00	0.16	0.00	0.00	0.00	0.00	3.88	* BR opened on voltage regulation-401KV
							7.39	0.00	0.00	0.00	0.00	176.31	100.00
BSR	240MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	27/08/22	10:11:00	27/08/22	15:58:00	0.24	0.00	0.00	0.00	0.00	5.78	* BR opened on voltage regulation.
BSR	240MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	18/08/22	11:07:00	18/08/22	12:08:00	0.04	0.00	0.00	0.00	0.00	1.02	* BR opened on voltage regulation. Voltage-748KV.
BSR	240MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	05/08/22	10:24:00	05/08/22	15:04:00	0.19	0.00	0.00	0.00	0.00	4.67	* BR opened on voltage regulation; Bhadia-764KV
BSR	240MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	26/08/22	10:23:00	26/08/22	16:32:00	0.26	0.00	0.00	0.00	0.00	6.15	* BR opened on voltage regulation V-750KV
BSR	240MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	20/08/22	10:56:00	20/08/22	15:15:00	0.18	0.00	0.00	0.00	0.00	4.32	* BR opened on voltage regulation; V=747KV
BSR	240MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	10/08/22	09:34:00	10/08/22	16:47:00	0.30	0.00	0.00	0.00	0.00	7.22	* BR opened on voltage regulation. Voltage-760KV.
BSR	240MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	25/08/22	10:00:00	25/08/22	15:42:00	0.24	0.00	0.00	0.00	0.00	5.70	* BR opened on voltage regulation. Voltage-760KV.
BSR	240MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	13/08/22	10:36:00	13/08/22	17:43:00	0.30	0.00	0.00	0.00	0.00	7.12	* BR opened on voltage regulation. V-760KV
BSR	240MVAR,BUS REACTOR-1 AT BADHHLA	SVRD	06/08/22	10:13:00	06/08/22	16:23:00	0.26	0.00	0.00	0.00	0.00	6.17	* BR opened on voltage regulation.Voltage-760KV.

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	80MVAR,BUS REACTOR-1 AT DEHRADUN	SVRD	01/08/22	00:00:01	31/08/22	23:59:59	31.00	0.00	0.00	0.00	744.00	100.00	* Hand tripped on Voltage Regulation. Voltage-396 KV.
							31.00	0.00	0.00	0.00	744.00	100.00	
BSR	125MVAR,BUS REACTOR-1 AT DWARKA			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 FATEHGARH-2	SVRD	02/08/22	07:54:00	05/08/22	18:24:00	3.44	0.00	0.00	0.00	82.50		* Hand tripped on Voltage Regulation. Voltage-396 KV.
BSR	125MVAR,BUS REACTOR-1 AT FATEHGARH-2	SVRD	19/08/22	08:06:00	21/08/22	03:17:00	1.80	0.00	0.00	0.00	43.18		* BR opened on voltage regulation-399KV
BSR	125MVAR,BUS REACTOR-1 AT FATEHGARH-2	SVRD	10/08/22	07:17:00	10/08/22	17:23:00	0.42	0.00	0.00	0.00	10.10		* BR opened on voltage regulation. Voltage-395KV
BSR	125MVAR,BUS REACTOR-1 AT FATEHGARH-2	SVRD	27/08/22	09:47:00	27/08/22	19:48:00	0.42	0.00	0.00	0.00	10.02		* BR opened on voltage regulation V-395KV
BSR	125MVAR,BUS REACTOR-1 AT FATEHGARH-2	SVRD	14/08/22	09:04:00	14/08/22	18:52:00	0.41	0.00	0.00	0.00	9.80		* BR opened on voltage regulation. Voltage-395 KV.
BSR	125MVAR,BUS REACTOR-1 AT FATEHGARH-2	SVRD	11/08/22	10:55:00	13/08/22	00:44:00	1.58	0.00	0.00	0.00	37.82		* BR opened on voltage regulation.Voltage-392kV
BSR	125MVAR,BUS REACTOR-1 AT FATEHGARH-2	SVRD	17/08/22	10:12:00	18/08/22	16:05:00	1.25	0.00	0.00	0.00	29.88		* BR opened on voltage regulation.Voltage-392kV.
BSR	125MVAR,BUS REACTOR-1 AT FATEHGARH-2	SVRD	15/08/22	09:34:00	15/08/22	18:24:00	0.37	0.00	0.00	0.00	8.83		* BR opened on voltage regulation. Voltage-756KV
							9.69	0.00	0.00	0.00	232.13	100.00	
BSR	240MVAR,BUS REACTOR-1 AT FATEHGARH-2	SVRD	19/08/22	07:47:00	19/08/22	19:06:00	0.47	0.00	0.00	0.00	11.32		* BR opened on voltage regulation. Voltage-766kV.
BSR	240MVAR,BUS REACTOR-1 AT FATEHGARH-2	SVRD	05/08/22	08:22:00	05/08/22	17:53:00	0.40	0.00	0.00	0.00	9.52		* B/R open on Voltage regulation. Voltage- 760KV.
BSR	240MVAR,BUS REACTOR-1 AT FATEHGARH-2	SVRD	23/08/22	08:51:00	24/08/22	02:14:00	0.72	0.00	0.00	0.00	17.38		* BR opened on voltage regulation. V=766KV.
BSR	240MVAR,BUS REACTOR-1 AT FATEHGARH-2	SVRD	01/08/22	00:00:01	03/08/22	04:22:00	2.18	0.00	0.00	0.00	52.37		* Hand tripped on Voltage Regulation. Voltage-750 KV.
BSR	240MVAR,BUS REACTOR-1 AT FATEHGARH-2	SVRD	04/08/22	08:20:00	04/08/22	17:04:00	0.36	0.00	0.00	0.00	8.73		* Line opened on voltage regulation; Aimer=801KV
BSR	240MVAR,BUS REACTOR-1 AT FATEHGARH-2	SVRD	03/08/22	08:04:00	03/08/22	19:11:00	0.46	0.00	0.00	0.00	11.12		* BR opened on voltage regulation. V=760KV
BSR	240MVAR,BUS REACTOR-1 AT FATEHGARH-2	SVRD	26/08/22	07:34:00	27/08/22	19:24:00	1.49	0.00	0.00	0.00	35.83		* BR opened on voltage regulation. Voltage-760kV.
BSR	240MVAR,BUS REACTOR-1 AT FATEHGARH-2	SVRD	28/08/22	07:27:00	29/08/22	19:52:00	1.52	0.00	0.00	0.00	36.42		* BR opened on voltage regulation. V=760KV
BSR	240MVAR,BUS REACTOR-1 AT FATEHGARH-2	SVRD	20/08/22	08:52:00	21/08/22	02:57:00	0.75	0.00	0.00	0.00	18.08		* BR opened on voltage regulation. Voltage-765kV
BSR	240MVAR,BUS REACTOR-1 AT FATEHGARH-2	SVRD	15/08/22	08:17:00	18/08/22	17:52:00	3.40	0.00	0.00	0.00	81.58		* BR opened on voltage regulation. Voltage-767kV.
BSR	240MVAR,BUS REACTOR-1 AT FATEHGARH-2	SVRD	06/08/22	08:07:00	13/08/22	03:00:00	6.79	0.00	0.00	0.00	162.88		* BR opened on voltage regulation. Voltage- 765KV.
BSR	240MVAR,BUS REACTOR-1 AT FATEHGARH-2	SVRD	24/08/22	08:20:00	26/08/22	03:41:00	1.81	0.00	0.00	0.00	43.35		* BR opened on voltage regulation. Voltage-756kV.
BSR	240MVAR,BUS REACTOR-1 AT FATEHGARH-2	SVRD	13/08/22	08:17:00	15/08/22	04:10:00	1.83	0.00	0.00	0.00	43.88		* BR opened on voltage regulation. Voltage-755KV.
BSR	240MVAR,BUS REACTOR-1 AT FATEHGARH-2	SVRD	21/08/22	08:10:00	23/08/22	04:11:00	1.83	0.00	0.00	0.00	44.02		* BR opened on voltage regulation
							24.01	0.00	0.00	0.00	576.48	100.00	
BSR	240MVAR,BUS REACTOR-2 AT FATEHGARH-2	SVRD	27/08/22	07:44:00	27/08/22	19:12:00	0.48	0.00	0.00	0.00	11.47		* BR opened on voltage regulation. V-760KV
BSR	240MVAR,BUS REACTOR-2 AT FATEHGARH-2	SVRD	09/08/22	08:09:00	09/08/22	18:37:00	0.44	0.00	0.00	0.00	10.47		* Hand tripped on Voltage Regulation. Voltage-750 KV.
BSR	240MVAR,BUS REACTOR-2 AT FATEHGARH-2	SVRD	10/08/22	08:16:00	11/08/22	14:32:00	1.26	0.00	0.00	0.00	30.27		* BR opened on voltage regulation. Voltage-758KV
BSR	240MVAR,BUS REACTOR-2 AT FATEHGARH-2	SVRD	06/08/22	08:36:00	08/08/22	17:39:00	2.38	0.00	0.00	0.00	57.05		* BR opened on voltage regulation. Voltage-760KV.
BSR	240MVAR,BUS REACTOR-2 AT FATEHGARH-2	SVRD	12/08/22	08:23:00	15/08/22	18:39:00	3.43	0.00	0.00	0.00	82.27		* opened on voltage regulation. Bhadla: 739kV
BSR	240MVAR,BUS REACTOR-2 AT FATEHGARH-2	SVRD	28/08/22	08:18:00	31/08/22	17:46:00	3.39	0.00	0.00	0.00	81.47		* BR opened on voltage regulation. V=760KV
BSR	240MVAR,BUS REACTOR-2 AT FATEHGARH-2	SVRD	05/08/22	08:54:00	05/08/22	18:06:00	0.38	0.00	0.00	0.00	9.20		* B/R open on V/R regulation. Voltage-765KV.
BSR	240MVAR,BUS REACTOR-2 AT FATEHGARH-2	SVRD	01/08/22	00:00:01	04/08/22	17:21:00	3.72	0.00	0.00	0.00	89.35		* Hand tripped on Voltage Regulation. Voltage-750 KV.
BSR	240MVAR,BUS REACTOR-2 AT FATEHGARH-2	SVRD	16/08/22	07:07:00	16/08/22	17:40:00	0.44	0.00	0.00	0.00	10.55		* BR opened on voltage regulation. V=760KV
BSR	240MVAR,BUS REACTOR-2 AT FATEHGARH-2	SVRD	17/08/22	08:58:00	26/08/22	17:45:00	9.37	0.00	0.00	0.00	224.78		* BR opened on voltage regulation. Voltage-756kV.
							25.29	0.00	0.00	0.00	606.88	100.00	
BSR	50MVAR,BUS REACTOR-1 AT HISAR			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-2 AT HISAR			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 RECTOR-3 AT HISAR	SVRD	27/08/22	11:31:00	31/08/22	23:59:59	4.52	0.00	0.00	0.00	108.48		* BR opened on voltage regulation
							4.52	0.00	0.00	0.00	108.48	100.00	
BSR	125MVAR,BUS REACTOR-1 AT JAIPUR SOUTH			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-2 AT JAIPUR SOUTH			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	240MVAR,BUS REACTOR-1 AT PHAGI			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	240MVAR,BUS REACTOR-1 AT JHATIKARA			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	240MVAR,BUS REACTOR-2 AT JHATIKARA	SVRD	08/08/22	23:14:00	09/08/22	17:40:00	0.77	0.00	0.00	0.00	18.43		* BR opened on voltage regulation-758KV
							0.77	0.00	0.00	0.00	18.43	100.00	
BSR	125MVAR,BUS REACTOR-1 AT JIND	SVRD	01/08/22	00:00:01	31/08/22	23:59:59	31.00	0.00	0.00	0.00	744.00		* Hand tripped on Voltage Regulation. Voltage-395 KV.
							31.00	0.00	0.00	0.00	744.00	100.00	
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	
							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	
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	50MVAR,BUS REACTOR-2 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	
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	
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR,BUS REACTOR-1 AT KOTESHWAR	SVRD	15/08/22	22:50:00	27/08/22	07:55:00	11.38	0.00	0.00	0.00	273.08		* BR opened on voltage regulation. V=750KV
BSR	240MVAR,BUS REACTOR-1 AT KOTESHWAR	SVRD	27/08/22	12:03:00	28/08/22	04:48:00	0.70	0.00	0.00	0.00	16.75		* BR opened on voltage regulation V-754KV
BSR	240MVAR,BUS REACTOR-1 AT KOTESHWAR	SVRD	12/08/22	22:17:00	15/08/22	11:32:00	2.55	0.00	0.00	0.00	61.25		* BR opened on voltage regulation.Voltage-750KV.
							14.63	0.00	0.00	0.00	351.08	100.00	
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	
							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
BSR	50MVAR,BUS REACTOR-2 AT KOTA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	80MVAR,BUS REACTOR-1 AT KOTPUTLI	SVRD	27/08/22	10:45:00	31/08/22	23:59:59	4.55	0.00	0.00	0.00	109.25	100.00	* BR opened on voltage regulation
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	19/08/22	11:41:00	31/08/22	23:59:59	12.51	0.00	0.00	0.00	300.32	100.00	* BR opened on voltage regulation.V-758KV.
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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	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			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	01/08/22	00:00:01	31/08/22	23:59:59	31.00	0.00	0.00	0.00	744.00	100.00	* Hand tripped on Voltage Regulation. Voltage-396 KV.
BSR	50MVAR,BUS REACTOR-1 AT SAHARANPUR	SVRD	01/08/22	00:00:01	31/08/22	23:59:59	31.00	0.00	0.00	0.00	744.00	100.00	* Hand tripped on Voltage Regulation. Voltage-396 KV.
BSR	50MVAR,BUS REACTOR-2 AT SAHARANPUR	SVRD	01/08/22	00:00:01	31/08/22	23:59:59	31.00	0.00	0.00	0.00	744.00	100.00	* Hand tripped on Voltage Regulation. Voltage-747 KV.
BSR	80MVAR,BUS REACTOR-1 AT SIKAR	SVRD	31/08/22	11:23:00	31/08/22	23:59:59	0.53	0.00	0.00	0.00	12.62	100.00	* BR opened on voltage regulation. Voltage-395kV.
BSR	125MVAR,BUS REACTOR-2 AT SIKAR	OSPT	26/08/22	10:07:00	26/08/22	19:21:00	0.39	9.23	0.00	0.00	0.00	0.00	* Shut down availed for AMP work.
BSR	125MVAR,BUS REACTOR-2 AT SIKAR	SVRD	31/08/22	10:52:00	31/08/22	13:01:00	0.09	0.00	0.00	0.00	2.15	100.00	* BR opened on voltage regulation. Voltage-395KV.
BSR	125MVAR,BUS REACTOR-2 AT SIKAR	SVRD	18/08/22	11:46:00	18/08/22	16:00:00	0.18	0.00	0.00	0.00	4.23	100.00	* BR opened on voltage regulation. Voltage-412KV.
BSR	125MVAR,BUS REACTOR-2 AT SIKAR	SVRD	28/08/22	10:35:00	28/08/22	16:10:00	0.23	0.00	0.00	0.00	5.58	100.00	* BR opened on voltage regulation; Sikar: 397KV
BSR	125MVAR,BUS REACTOR-2 AT SIKAR	SVRD	08/08/22	11:37:00	09/08/22	16:12:00	1.19	0.00	0.00	0.00	28.58	100.00	* BR opened on voltage regulation-399KV
BSR	125MVAR,BUS REACTOR-2 AT SIKAR	SVRD	02/08/22	11:33:00	03/08/22	04:38:00	0.71	0.00	0.00	0.00	17.08	100.00	* BR opened on voltage regulation. Voltage-392 KV.
BSR	125MVAR,BUS REACTOR-1 AT SONIPAT	SVRD	01/08/22	00:00:01	31/08/22	23:59:59	31.00	0.00	0.00	0.00	744.00	100.00	* Hand tripped on Voltage Regulation. Voltage-398 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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	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)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV ANTA(NTPC)-RAPPC(NPCIL)	OMSU	12/08/22	07:00:00	12/08/22	16:06:00	0.38	0.00	9.10	0.00	0.00	0.00	* Charging delayed by RAPP C after the line charging clearance given by POWERGRID.
CKT	220kV ANTA(NTPC)-RAPPC(NPCIL)	LNCC	12/08/22	04:28:00	12/08/22	07:00:00	0.11	0.00	0.00	2.53	0.00	0.00	* Tripped due to heavy rain wind storm ,R-Y fault,Anta-82.8km/1.85kA= ,1.87kA.RAPPC-922m/R-Y/16.37kA,17.58kA.Fault is in Kota TL
CKT	220kV ANTA(NTPC)-SAWAI MADHOPUR(RRVPNL)	OMSU	30/08/22	22:53:00	31/08/22	00:33:00	0.07	0.00	1.67	0.00	0.00	0.00	* Tripped only at Anta end due to A/R problem and remain charged from Sawaimadhopur end.* Anta (NTPC)-R-N/Z-1, Sawaimadhopur: Main 2-89KM/R-N/1.257KA, Main1-67.11KM/R-N/1.256KA.
CKT	220kV ANTA(NTPC)-SAWAI MADHOPUR(RRVPNL)	OMSU	21/08/22	23:04:00	22/08/22	00:24:00	0.06	0.00	1.33	0.00	0.00	0.00	* Tripped only from NTPC-Anta end due to their auto recloser problem and* auto reclosed successfully on R-N Fault from Sawaimadhopur end. FLR:* Anta-14.65KM/5.90kA, Sawaimadhopur-89.34KM/1.257kA.
CKT	220kV BASSI-HG NAGAR(RRVPNL)			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
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV BASSI-BAGRU(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 DAUSA(RRVPNL)-BASSI-1	SEFU	30/08/22	16:58:00	30/08/22	18:03:00	0.05	0.00	1.08	0.00	0.00		* Tripped from both ends due to failure of B-Ph CT of 220KV Sawaimadhpor-Dausa line failed at Dausa end. Bays at Dausa end and owned by RRVPNL only.
							0.05	0.00	1.08	0.00	0.00	100.00	
CKT	220kV DAUSA(RRVPNL)-BASSI-2	OSPD	12/08/22	14:15:00	31/08/22	23:59:59	19.41	0.00	0.00	0.00	465.75		* Shutdown by RRVPNL for erection <-&-> commissioning work of new 245KV CGL make CB at their Dausa end. S/D upto 28.08.2022.
							19.41	0.00	0.00	0.00	465.75	100.00	
CKT	220kV FGPP(NTPC)-PALLA(HVPNL)-1	OSFD	01/08/22	18:31:00	01/08/22	19:42:00	0.05	0.00	0.00	0.00	1.18		* Forced Shutdown by NTPC to attend chattering sound from wave trap at their FGPP end.* "
							0.05	0.00	0.00	0.00	1.18	100.00	
CKT	220kV FGPP(NTPC)-PALLA(HVPNL)-2	OSFD	28/08/22	11:56:00	28/08/22	20:22:00	0.35	0.00	0.00	0.00	8.43		* Forced shutdown by HVPNL to attend broken earth wire between tower no 10-11 due to wear <-&-> tear during laying of opgw by HVPNL.
CKT	220kV FGPP(NTPC)-PALLA(HVPNL)-2	OMSU	18/08/22	09:10:00	18/08/22	14:10:00	0.21	0.00	5.00	0.00	0.00		* Line tripped during online OPGW laying work by HVPNL,approved by RLDC for their system stenthening. FLR-FGPP-R-N/7.475KM/7.6KA.
							0.56	0.00	5.00	0.00	8.43	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		
							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		
							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		
							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		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV HISAR-HISAR(HVPNL)-1	OSFD	11/08/22	05:57:00	11/08/22	09:30:00	0.15	0.00	0.00	0.00	3.55		* Forced S/D by HVPNL to attend to snapping of R phase jumper of wave trap of 220 KV IA-PGCIL ckt 1 at their end.
CKT	220kV HISAR-HISAR(HVPNL)-1	OSPD	24/08/22	10:30:00	24/08/22	16:00:00	0.23	0.00	0.00	0.00	5.50		* Shutdown by HVPNL to avoid overloading during the shutdown of 220KV HISAR-HISAR I/A-II.
							0.38	0.00	0.00	0.00	9.05	100.00	
CKT	220kV HISAR-HISAR(HVPNL)-2	OSPD	24/08/22	10:30:00	24/08/22	16:00:00	0.23	0.00	0.00	0.00	5.50		* Shutdown by HVPNL to attend hot point on R-ph of Bus-1 Isolator at their I/A end.
CKT	220kV HISAR-HISAR(HVPNL)-2	OSFD	11/08/22	05:57:00	11/08/22	09:30:00	0.15	0.00	0.00	0.00	3.55		* Forced S/D by HVPNL to facilitate the S/D of Ckt-1 <-&-> to control the overloading of ckt-2 on power regulation..
							0.38	0.00	0.00	0.00	9.05	100.00	
CKT	220kV IG NAGAR(RRVPNL)-HIRAPURA(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 LALSOT(RRVPNL)-DAUSA(RRVPNL)	LPRD	12/08/22	18:10:00	30/08/22	17:26:00	17.97	0.00	0.00	0.00	431.27		* Opened for load management on request of RRVPNL during shutdown period of 220kV Dausa-Bassi-II line from 12.08.2022 to 28.08.2022. Line opened from Dausa end only and remain charged from Lalsot end.
							17.97	0.00	0.00	0.00	431.27	100.00	
CKT	220kV MANSROVAR(RRVPNL)-HIRAPURA(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 MEERUT-MODIPURAM(UPPTCL)-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 MEERUT-MODIPURAM(UPPTCL)-2	OSFD	25/08/22	09:38:00	25/08/22	12:12:00	0.11	0.00	0.00	0.00	2.57		* Forced shutdown taken by UPPCL for attending hotspot on Y-Ph line isolator at their Modipuram end.
CKT	220kV MEERUT-MODIPURAM(UPPTCL)-2	OMSU	20/08/22	14:48:00	20/08/22	23:04:00	0.34	0.00	8.27	0.00	0.00		* Line tripped on Y-N fault in UPPCL jurisdiction.FLR: Meerut:12.281kA, 12.220km(100.000%). Later line taken under shutdown by UPPCL vide NR/2391 to attend broken conductor of Y phase LA at Modipuram S/S.
							0.45	0.00	8.27	0.00	2.57	100.00	
CKT	220kV MEERUT-NARA(UPPTCL)	OSFD	01/08/22	12:48:00	01/08/22	16:55:00	0.17	0.00	0.00	0.00	4.12		* Forced Shutdown by UPPCL for replacement of damaged B-ph insulator at Loc.31 in their jurisdiction.
CKT	220kV MEERUT-NARA(UPPTCL)	LART	30/08/22	09:57:00	30/08/22	09:57:00	0.00	0.00	0.00	0.00	0.00		* Line auto reclosed successfully on R-N fault. Meerut: 6.340 kA, 26.910km (84.090%). Fault under UPPCL jurisdiction.
CKT	220kV MEERUT-NARA(UPPTCL)	SBBU	07/08/22	10:44:00	07/08/22	13:12:00	0.10	0.00	2.47	0.00	0.00		* Line tripped only at Nara UPPCL end <-&-> remain charged from Meerut end. Bus bar protection operated at Nara end due to fault in their 220kV Nara-Jansath line.
CKT	220kV MEERUT-NARA(UPPTCL)	LART	20/08/22	10:09:00	20/08/22	10:09:00	0.00	0.00	0.00	0.00	0.00		* Auto reclosed successfully on B-N (Ph-earth) transient fault. FLR:5.11 kA, 29.767 km from Meerut end.Fault in 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	07/08/22	16:08:00	07/08/22	16:08:00	0.00	0.00	0.00	0.00	0.00		* Autoreclosed successfully during R-N fault. FLR -Meerut: 7.285 KA /22.261KM, Nara:10.25KM. Fault under UPPCL jurisdiction.
CKT	220kV MEERUT-NARA(UPPTCL)	OMSU	25/08/22	09:37:00	25/08/22	19:32:00	0.41	0.00	9.92	0.00	0.00		* Tripped on R-N fault in UPPCL jurisdiction. FLR: Meerut-21KM/7.95KA.Later forced shutdown taken by UPPCL to attend snapped R-ph conductor that fell on Y-ph due to which Y-ph cross arm got broken at loc. no 36 in their portion.
CKT	220kV MEERUT-NARA(UPPTCL)	LART	14/08/22	08:07:00	14/08/22	08:07:00	0.00	0.00	0.00	0.00	0.00		* A/R on Y-N fault. Meerut: 9.279 kA, 15.847kM. Fault under UPPTCL jurisdiction.
							0.68	0.00	12.39	0.00	4.12	100.00	
CKT	220kV MEERUT-SHATABDINAGAR(UPPTCL)	OSFD	02/08/22	16:48:00	03/08/22	09:42:00	0.70	0.00	0.00	0.00	16.90		* Forced shutdown by UPPCL to attend sparking at CB clamp of R Phase at Satabdinagar UP end. Latter, the line could not be charged due to CB problem at Satabdinagar end. The line has been anti-theft charged from Meerut end (NRLDC-226).
CKT	220kV MEERUT-SHATABDINAGAR(UPPTCL)	LART	12/08/22	18:12:00	12/08/22	18:12:00	0.00	0.00	0.00	0.00	0.00		* A/R successfully on B-N fault. FLR Meerut: 9.432 kA, 16.308km (48.680%).* Zone-1, Shatabdinagar end details: B-N,27.17 km, 5.852 KA. Fault under UPPCL jurisdiction.
							0.70	0.00	0.00	0.00	16.90	100.00	
CKT	220kV MEERUT-SIMBHOLI(UPPTCL)	LART	10/08/22	20:04:00	10/08/22	20:04:00	0.00	0.00	0.00	0.00	0.00		* Autoreclose during R-Ph fault. MRT: R-N, 12.378 kA, 10.966KM; SIMB: R-N, 2.9kA, 39.4KM. Fault is in UPPCL portion of the line.
CKT	220kV MEERUT-SIMBHOLI(UPPTCL)	OMSU	10/08/22	04:30:00	10/08/22	06:46:00	0.09	0.00	2.27	0.00	0.00		* Tripped on R-N fault in UPPCL jurisdiction.FLR:- Meerut: M1-11.175km/12.909KA, <(>&<)> M2-10.965km/12.845KA.Simbhaoli: 39.4km/3kA.
CKT	220kV MEERUT-SIMBHOLI(UPPTCL)	LART	20/08/22	12:47:00	20/08/22	12:47:00	0.00	0.00	0.00	0.00	0.00		* Auto reclosed successfully on R-N (Ph-earth) transient fault. FLR: 10.429 kA, 13.642 km from Meerut end. Fault in UPPCL jurisdiction.
CKT	220kV MEERUT-SIMBHOLI(UPPTCL)	LART	06/08/22	08:22:00	06/08/22	08:22:00	0.00	0.00	0.00	0.00	0.00		* Auto reclosed successfully during R-N fault. Meerut: 4.2 KA/46.93KM. Simbhali: 8.29KA/6.1KM. Fault under UPPTCL portion.
CKT	220kV MEERUT-SIMBHOLI(UPPTCL)	LART	06/08/22	17:13:00	06/08/22	17:13:00	0.00	0.00	0.00	0.00	0.00		* Auto-reclosed successfully during Y-N fault. Meerut: 5.143 KA/37.13KM, Simbholi:Y-N/6.09KA/15KM. Fault under UPPCL jurisdiction.
CKT	220kV MEERUT-SIMBHOLI(UPPTCL)	OSFD	13/08/22	10:05:00	13/08/22	19:25:00	0.39	0.00	0.00	0.00	9.33		* Forced shutdown by UPPCL for replacement of polymer insulators* at tower no 110 'R' phase, 18 (R phase), 42 (Y phase) in their" portion of the line.
CKT	220kV MEERUT-SIMBHOLI(UPPTCL)	LART	18/08/22	00:21:00	18/08/22	00:21:00	0.00	0.00	0.00	0.00	0.00		* Auto reclose in UPPCL jurisdiction. Meerut-11.07Km/12.07Ka, Simbholi-39.9Km/2.75Ka.
							0.48	0.00	2.27	0.00	9.33	100.00	
CKT	220kV RAPPB(NPCIL)-CHITTORGARH(RRVPNL)	LNCC	06/08/22	15:44:00	06/08/22	20:30:00	0.20	0.00	0.00	4.77	0.00		* Line tripped on Y-B-N fault during severe lightning and rainstorm in the area. FLR: RAPP-ly-6.89KA,lb-5.96KA,10.45KM. Chittorgarh:119.5KM. Fault under Kota jurisdiction. The line was successfully charged from Chittorgarh (RRVPNL) end at 2030 hrs/06.08.20
CKT	220kV RAPPB(NPCIL)-CHITTORGARH(RRVPNL)	OSFD	06/08/22	20:30:00	07/08/22	01:51:00	0.22	0.00	0.00	0.00	5.35		* Forced shutdown availed by RAPPB to attend their CB PD problem. The line was successfully charged from Chittorgarh (RRVPNL) end at 2030 hrs/06.08.2022 and the line remain charged from Chittorgarh end.
							0.42	0.00	0.00	4.77	5.35	100.00	
CKT	220kV RAPPB(NPCIL)-CHITTORGARH(RRVPNL)	LNCC	06/08/22	15:44:00	06/08/22	20:32:00	0.20	0.00	0.00	4.80	0.00		* Line tripped on Y-B-N fault during severe lightning and rainstorm in the area. FLR: RAPP-ly-6.90KA,lb-5.96KA,10.45KM. Chittorgarh:121.8KM. Fault under Kota jurisdiction.
							0.20	0.00	0.00	4.80	0.00	100.00	
CKT	220kV RAPPB(NPCIL)-RAPP(NPCIL)	OSFD	18/08/22	18:03:00	18/08/22	19:54:00	0.08	0.00	0.00	0.00	1.85		* Forced S/D by RAPPB to attend zero current showing in Y-Phase at RAPPB end.
CKT	220kV RAPPB(NPCIL)-RAPP(NPCIL)	OSFD	20/08/22	17:18:00	20/08/22	21:20:00	0.17	0.00	0.00	0.00	4.03		* Forced S/D by RAPPB (NPCIL) to attend zero current showing in Y-Phase at RAPPB end.
							0.25	0.00	0.00	0.00	5.88	100.00	
CKT	220kV RAPPB(NPCIL)-UDAIPUR(RRVPNL)	LNCC	12/08/22	04:28:00	12/08/22	07:00:00	0.11	0.00	0.00	2.53	0.00		* Tripped on R <(>&<)> B fault due to wind storm <(>&<)> rain .RAPPB-990m/13.85kA,18.77kA,Fault is in Kota TL
CKT	220kV RAPPB(NPCIL)-UDAIPUR(RRVPNL)	LART	05/08/22	06:17:00	05/08/22	06:17:00	0.00	0.00	0.00	0.00	0.00		* Auto-reclosed on R-N fault.FLR:Debari-15.92 KM, M2:17.5 KM.RAPPB-M1:226.5KM/0.97KA, M2:224.4 KM/0.91 KA.Fault under chittorgarh TL jurisdiction.
CKT	220kV RAPPB(NPCIL)-UDAIPUR(RRVPNL)	SEMU	23/08/22	12:10:00	23/08/22	17:36:00	0.23	0.00	5.43	0.00	0.00		* Tripped at RAPPB end on PD protection <(>&<)> the line remain charged from Debari end with no relay indication.
CKT	220kV RAPPB(NPCIL)-UDAIPUR(RRVPNL)	OMSU	23/08/22	09:11:00	23/08/22	10:11:00	0.04	0.00	1.00	0.00	0.00		* Tripped at RAPPB end only on Zone-2. FLR: RPPB- Zone-2/Phase-Y-B/247.1 KM/684.4/547.6 A. The line remain charged from Debari end with no relay indication.

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 RAPPB(NPCIL)-UDAIPUR(RRVPNL)	LART	12/08/22	04:13:00	12/08/22	04:13:00	0.00	0.00	0.00	0.00	0.00		* A/R on B-N fault.RAPPB-960m/17.79kA,Fault under RAPPB premises <-><-> Kota TL.* Rain,wind <-><-> storm is reported.*
CKT	220kV RAPPB(NPCIL)-UDAIPUR(RRVPNL)	OMSU	12/08/22	07:00:00	12/08/22	16:15:00	0.39	0.00	9.25	0.00	0.00		* Charging delayed by RAPP B after the line charging clearance given by POWERGRID.
							0.77	0.00	15.68	2.53	0.00	100.00	
CKT	220kV RATANGARH(RRVPNL)-SIKAR-1	OSFD	01/08/22	14:58:00	01/08/22	19:34:00	0.19	0.00	0.00	0.00	4.60		* Forced Shutdown by RRVPNL for replacement of damaged insulator string at Loc.73 in Ckt-2 on the D/C tower.
							0.19	0.00	0.00	0.00	4.60	100.00	
CKT	220kV RATANGARH(RRVPNL)-SIKAR-2	OMSU	01/08/22	11:16:00	01/08/22	19:34:00	0.35	0.00	8.30	0.00	0.00		* Tripped on Y-N fault in RRVPNL jurisdiction.FLR:Sikar-59.70 KM/4.19 KA.Later forced S/D taken by RRVPNL for replacement of damaged insulator string at Loc.73.
							0.35	0.00	8.30	0.00	0.00	100.00	
CKT	220KV-SAMAYPUR(HVPNL)-SEC58-1	OMSU	18/08/22	09:09:00	18/08/22	10:39:00	0.06	0.00	1.50	0.00	0.00		* Line tripped only from Samaypur end due to protection mal function at Samaypur BBMB(protection system owned by BBMB).No relay indication at Faridabad sec- 58 end. Samaypur- R-N/4.42KA.
							0.06	0.00	1.50	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)	OSPD	25/08/22	10:56:00	25/08/22	15:29:00	0.19	0.00	0.00	0.00	4.55		* Shutdown by RRVPNL for maintenance work at their both ends.
CKT	220kV S.MADHOPUR(RRVPNL)-DAUSA(RRVPNL)	SEFU	30/08/22	16:58:00	30/08/22	17:30:00	0.02	0.00	0.53	0.00	0.00		* Tripped due to failure of B-Ph CT of the line at Dausa end. Bays at Dausa end are owned by RRVPNL only.
CKT	220kV S.MADHOPUR(RRVPNL)-DAUSA(RRVPNL)	OSFD	30/08/22	17:30:00	31/08/22	23:59:59	1.27	0.00	0.00	0.00	30.50		* Forced shutdown by RRVPNL for B-Phase CT replacement of the line at Dausa end. The line Anti-theft charged (NRLDC-3839) at 2151hrs/3= 0.08.2022 from Sawaimadhpor end.
							1.48	0.00	0.53	0.00	35.05	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	31/08/22	19:25:00	31/08/22	23:59:59	0.19	0.00	0.00	0.00	4.58		* Line opened on voltage regulation.
CKT	400kV AGRA-JAIPUR SOUTH-1	LVRD	23/08/22	17:07:00	26/08/22	11:28:00	2.77	0.00	0.00	0.00	66.35		* Line opened on voltage regulation; Jaipur=425KV
CKT	400kV AGRA-JAIPUR SOUTH-1	LVRD	11/08/22	14:45:00	12/08/22	22:46:00	1.33	0.00	0.00	0.00	32.02		* Line opened on voltage regulation.
							4.29	0.00	0.00	0.00	102.95	100.00	
CKT	400kV AGRA-JAIPUR SOUTH-2	LVRD	01/08/22	00:00:01	02/08/22	12:03:00	1.50	0.00	0.00	0.00	36.05		* Line opened on voltage regulation. Agra: 425kV
CKT	400kV AGRA-JAIPUR SOUTH-2	LVRD	05/08/22	01:59:00	10/08/22	23:06:00	5.88	0.00	0.00	0.00	141.12		* Line opened on voltage regulation. Agra-425kV.
CKT	400kV AGRA-JAIPUR SOUTH-2	LVRD	13/08/22	08:41:00	19/08/22	10:15:00	6.07	0.00	0.00	0.00	145.57		* Line opened on voltage regulation. Agra-419KV.
							13.45	0.00	0.00	0.00	322.74	100.00	
CKT	400kV AGRA-SIKAR-1	LCSD	01/08/22	00:00:01	06/08/22	14:13:00	5.59	0.00	0.00	0.00	134.22		* Shutdown by NR-3 for diversion works due to construction of Delhi-Vadodra Mega expressway by NHAI. Shutdown by 28.07.2022.
CKT	400kV AGRA-SIKAR-1	OSFT	08/08/22	11:19:00	08/08/22	18:05:00	0.28	6.77	0.00	0.00	0.00		* Forced shutdown taken for Y-Ph CVT testing at Sikar end.
							5.87	6.77	0.00	0.00	134.22	99.09	
CKT	400kV AGRA-SIKAR-2	LCSD	01/08/22	00:00:01	06/08/22	14:14:00	5.59	0.00	0.00	0.00	134.23		* Shutdown by NR-3 for diversion works due to construction of Delhi-Vadodra Mega expressway by NHAI. Shutdown by 28.07.2022.
CKT	400kV AGRA-SIKAR-2	LVRD	07/08/22	07:24:00	08/08/22	10:46:00	1.14	0.00	0.00	0.00	27.37		* Line opened on voltage regulation.Sikar: 415kV
							6.73	0.00	0.00	0.00	161.60	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	LART	27/08/22	12:55:00	27/08/22	12:55:00	0.00	0.00	0.00	0.00	0.00		* Auto reclosed successfully on R-N (Ph-earth) Baghpat: 3.86kA/3.9kA 117KM/109.7KM; Saharanpur: 4.9kA,51kM/54.47KM

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 BAGPAT-SAHARANPUR	LEFT	29/08/22	01:42:00	29/08/22	02:38:00	0.04	0.93	0.00	0.00	0.00		* Line tripped on R-N fault. Saharanpur: 15.4kM/10.50kA, Z-1 Baghpat: M1:* 122.9kM/4.4kA, M2: 119.4kM/4.5kA. Fault under Roorkee TL jurisdiction.
							0.04	0.93	0.00	0.00	0.00	99.87	
CKT	400kV BALLABHGARH-NAVADA(HVPNL)			00:00:00		00:00:00	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	100.00	
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	OSFT	24/08/22	16:25:00	24/08/22	22:07:00	0.24	5.70	0.00	0.00	0.00	99.23	* Forced shutdown to attend broken dropper jumper of R-ph wave trap at Bassi end.
CKT	400kV BEAWAR(SREE CEMENT)-MERTA(RRVPNL)			00:00:00		00:00:00	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	100.00	
CKT	400kV BAHADURGARH-KABULPUR(HVPNL)			00:00:00		00:00:00	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	100.00	
CKT	400kV BAHADURGARH-SONIPAT-2			00:00:00		00:00:00	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	100.00	
CKT	400kV BHADLA-BHADLA(RRVPNL)-2			00:00:00		00:00:00	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	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	100.00	
CKT	400kV BASSI-BHIWADI-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHIWADI-KOTPUTLI			00:00:00		00:00:00	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	100.00	
CKT	400kV BHIWADI-NEEMRANA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHIWANI(BBMB)-BHIWANI			00:00:00		00:00:00	0.00	0.00	0.00	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	100.00	
CKT	400kV BHIWANI-JIND-2			00:00:00		00:00:00	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	100.00	
CKT	400kV BHINMAL-KANKROLI			00:00:00		00:00:00	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	100.00	
CKT	400kV BIKANER-BIKANER(RRVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	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	100.00	
CKT	400kV BAMNOLI(DTL)-TUGHLAKABD-2			00:00:00		00:00:00	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	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	100.00	
CKT	400kV BAWANA(DTL)-BHIWANI			00:00:00		00:00:00	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	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
CKT	400kV CHITTORGARH-CHITTORGARH(RRVPNL)			00:00:00		00:00:00	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	100.00	
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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV DADRI(NTPC)-PANIPAT(BBMB)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV DEHRADUN-ABDULLAPUR-1	LART	04/08/22	00:51:00	04/08/22	00:51:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line A/R at 00:51/04.08.2022 on B-N Fault.FLR-Abdulapur-M-1-90km/2.7km= ,M-2-83.4km/4.4kA, Dehradun-M-1-69.96km/3.15kA,M-2- 47.82km/5kA,Double end-41.29km/3.1kA.** Fault is in Dehradun TL.
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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV GR.NOIDA(UPPTCL)-NAVADA(HVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
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)	LCSD	30/08/22	09:31:00	30/08/22	19:17:00	0.41	0.00	0.00	0.00	0.00	9.77	* Shutdown for Construction of LILO of 765 KV S/C Gr. Noida-Hapur Transmission Line (under PMSTL TBCB project).
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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV HISAR-BHIWADI-3	OSPT	25/08/22	10:52:00	25/08/22	18:40:00	0.33	7.80	0.00	0.00	0.00	98.95	* Shutdown for line maintenance work.
CKT	400kV HISAR-BHIWADI-3	LART	14/08/22	19:15:00	14/08/22	19:15:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R on R-N fault. Hisar: 13.172 kA, 26.346kM, Bhiwadi: 116kM, 3.1kA. Fault is in Hisar TL jurisdiction.
CKT	400kV HISAR-BHIWANI(BBMB)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
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	
CKT	400kV JHATIKARA-BAMNOLI(DTL)-2	OSPT	06/08/22	06:55:00	06/08/22	14:52:00	0.33	7.95	0.00	0.00	0.00	98.93	* SD to attend critical hot spot in line dropper jumper (B-phase) of the line at Jhatikra end.
CKT	400KV-JHATIKARA-DWARKA-CKT1			00:00:00		00:00:00	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	100.00	
CKT	400kV JHATIKARA-MUNDKA(DTL)-2			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
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KAITHAL-HISAR-1			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	
CKT	400kV KAITHAL-HISAR-2			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	
CKT	400kV KANKROLI-CHITTORGARH(RRVPNL)			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	
CKT	400kV KANKROLI-JODHPUR(RRVPNL)			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	
CKT	400kV KOTA-BEAWAR(SREE CEMENT)			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	
CKT	400kV KOTA-MERTA(RRVPNL)			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	
CKT	400kV KOTPUTLI-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	
CKT	400KV-KOTESHWAR(UK)-KOTESHWAR-1			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	
CKT	400KV-KOTESHWAR(UK)-KOTESHWAR-2			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	
CKT	400kV KOTESHWAR-TEHRI(THDC)-1			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	
CKT	400kV KOTESHWAR-TEHRI(THDC)-2			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	
CKT	400kV MANESAR-SOHNHA(STERLITE)-1			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	
CKT	400kV MANESAR-SOHNHA(STERLITE)-2			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	
CKT	400kV MAHARANIBAGH-BALLABHGARH			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	
CKT	400KV-MBAGH-BAWANA-AC-CKT1	OMSU	15/08/22	12:33:00	15/08/22	14:05:00	0.06	0.00	1.53	0.00	0.00	100.00	* Line tripped on R-Y Ph-Ph fault due to kite thread infringement on account of independence day, FLR- Maharanibagh: 16.392kA, 15.397km <(>&<)> Bawana: 11.47kA, 29.04km.
CKT	400KV-MBAGH-BAWANA-AC-CKT1	OMSU	22/08/22	18:43:00	22/08/22	20:37:00	0.08	0.00	1.90	0.00	0.00	100.00	* Tripped during R-Y fault due to kite thread infringement. Maharanibagh: Ir-31KA, ly-31ka, 5.3KM. Bawana: 9.7KA, 40.45KM. Line charged at 20:15Hrs from Maharanibagh end <(>&<)> synchronised at 20:37Hrs at Bawana end.
CKT	400KV-MBAGH-BAWANA-AC-CKT1	OMSU	13/08/22	16:51:00	13/08/22	18:11:00	0.06	0.00	1.33	0.00	0.00	100.00	* Tripped due to Kite thread infringement on R-Y fault. FLR Maharanibagh:* 23.654kA, 5.947km. Fault under Dadri TL jurisdiction.
							0.20	0.00	4.76	0.00	0.00	100.00	
CKT	400KV-MBAGH-BAWANA-AC-CKT2	OMSU	28/08/22	17:55:00	28/08/22	19:25:00	0.06	0.00	1.50	0.00	0.00	100.00	* ine tripped due to Kite thread infringement on Y-B fault. FLR: Maharanibagh-M1: 4.71 KM/ 25.63 kA,M2:5.76 KM/25.48 KA,Bawana-38.16 K= M/8.65 KA.
							0.06	0.00	1.50	0.00	0.00	100.00	
CKT	400KV-MBAGH-MANDOLA-AC-CKT1	OMSU	30/08/22	17:57:00	30/08/22	19:23:00	0.06	0.00	1.43	0.00	0.00	100.00	* Tripped duringY-B fault due to kite thread. FLR: Maharanibagh-4.54KM/29.17KA, Mandola-29.701KM/11.55KA.
CKT	400KV-MBAGH-MANDOLA-AC-CKT1	LART	16/08/22	02:27:00	16/08/22	02:27:00	0.00	0.00	0.00	0.00	0.00	100.00	* Auto reclosed successfully on R-N (Ph-earth) transient fault. FLR: Mandola- 10.202 kA, 34.34 kM. Maharanibagh: 29.343 kA, 1.772 km.
							0.06	0.00	1.43	0.00	0.00	100.00	
CKT	400KV-MBAGH-MANDOLA-AC-CKT2	OMSU	15/08/22	17:12:00	15/08/22	17:47:00	0.02	0.00	0.58	0.00	0.00	100.00	* Line tripped due to kite thread infringement on account of independence day on R-Y-Ph fault. FLR: Mandola: Ir-8.44KA, ly-8.32KA, 23.34KM. Maharanibagh: Ir-20kA,ly-21kA, 8.7KM.
CKT	400KV-MBAGH-MANDOLA-AC-CKT2	OMSU	15/08/22	18:08:00	15/08/22	20:35:00	0.10	0.00	2.45	0.00	0.00	100.00	* Line tripped due to kite thread infringement on account of independence day on R-Y-Ph fault. FLR: Mandola: Ir-11.71KA, ly-11.60KA, 16.09KM. Maharanibagh: Ir-16kA, ly-16kA, 17KM.
							0.12	0.00	3.03	0.00	0.00	100.00	
CKT	400kV HAPUR(UPPTCL)-MORADABAD(UPPTCL)	LCSD	29/08/22	08:50:00	29/08/22	19:26:00	0.44	0.00	0.00	0.00	10.60	100.00	* Shutdown for Construction of LILO of 765 KV SC Gr. Noida-Hapur* Transmission Line (under PMSTL TBCB project).
							0.44	0.00	0.00	0.00	10.60	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	
							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	
							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	
							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
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)			00:00:00		00:00:00	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			00:00:00		00:00:00	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	100.00	
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 RAPPC(NPCIL)-CHITTORGARH(RRVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAPPC(NPCIL)-KANKROLI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAPPC(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			00:00:00		00:00:00	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	100.00	
CKT	400kV RATANGARH(RRVPNL)-SIKAR-1	LVRD	16/08/22	17:01:00	18/08/22	07:27:00	1.60	0.00	0.00	0.00	38.43		* Line opened on voltage regulation. Sikar- 418 KV.
CKT	400kV RATANGARH(RRVPNL)-SIKAR-1	LVRD	21/08/22	17:11:00	22/08/22	09:16:00	0.67	0.00	0.00	0.00	16.08		* Line opened on voltage regulation. Sikar-420kV.
CKT	400kV RATANGARH(RRVPNL)-SIKAR-1	LVRD	22/08/22	22:06:00	23/08/22	07:45:00	0.40	0.00	0.00	0.00	9.65		* Line opened on voltage regulation; Sikar:407 KV
CKT	400kV RATANGARH(RRVPNL)-SIKAR-1	LVRD	11/08/22	19:36:00	12/08/22	09:42:00	0.59	0.00	0.00	0.00	14.10		* Line opened on voltage regulation. Sikar-424KV
CKT	400kV RATANGARH(RRVPNL)-SIKAR-1	LVRD	27/08/22	17:12:00	28/08/22	08:06:00	0.62	0.00	0.00	0.00	14.90		* Line opened on voltage regulation. Sikar-415KV.
CKT	400kV RATANGARH(RRVPNL)-SIKAR-1	LVRD	31/08/22	19:29:00	31/08/22	23:59:59	0.19	0.00	0.00	0.00	4.52		* Line opened on voltage regulation; Sikar-419KV
CKT	400kV RATANGARH(RRVPNL)-SIKAR-1	LVRD	25/08/22	18:25:00	26/08/22	07:52:00	0.56	0.00	0.00	0.00	13.45		* Line opened on voltage regulation. Sikar-426.
CKT	400kV RATANGARH(RRVPNL)-SIKAR-1	LVRD	23/08/22	17:06:00	24/08/22	09:32:00	0.69	0.00	0.00	0.00	16.43		* Line opened on voltage regulatio; Sikar=423KV.
CKT	400kV RATANGARH(RRVPNL)-SIKAR-1	LVRD	30/08/22	19:08:00	31/08/22	07:40:00	0.52	0.00	0.00	0.00	12.53		* Line opened on voltage regulation-415KV
CKT	400kV RATANGARH(RRVPNL)-SIKAR-1	LVRD	03/08/22	02:27:00	03/08/22	08:33:00	0.25	0.00	0.00	0.00	6.10		* Line opened on voltage regulation. Sikar-430KV
							6.09	0.00	0.00	0.00	146.19	100.00	
CKT	400kV RATANGARH(RRVPNL)-SIKAR-2	LVRD	25/08/22	03:12:00	25/08/22	07:26:00	0.18	0.00	0.00	0.00	4.23		* Line opened on voltage regulation;Sikar-426 kv
CKT	400kV RATANGARH(RRVPNL)-SIKAR-2	LVRD	07/08/22	16:35:00	08/08/22	11:05:00	0.77	0.00	0.00	0.00	18.50		* Line opened on voltage regulation. Sikar-418kV.
CKT	400kV RATANGARH(RRVPNL)-SIKAR-2	LVRD	19/08/22	03:39:00	20/08/22	10:22:00	1.28	0.00	0.00	0.00	30.72		* Line opened on voltage regulation-416KV
CKT	400kV RATANGARH(RRVPNL)-SIKAR-2	LVRD	29/08/22	18:34:00	30/08/22	11:02:00	0.69	0.00	0.00	0.00	16.47		* Line opened on voltage regulation. Sikar-426 kv.
CKT	400kV RATANGARH(RRVPNL)-SIKAR-2	LVRD	14/08/22	17:19:00	16/08/22	09:48:00	1.69	0.00	0.00	0.00	40.48		* Line opened on voltage regulation. Sikar-416KV
CKT	400kV RATANGARH(RRVPNL)-SIKAR-2	LVRD	26/08/22	20:47:00	27/08/22	08:38:00	0.49	0.00	0.00	0.00	11.85		* Line opened on voltage regulation; Sikar: 411 KV
CKT	400kV RATANGARH(RRVPNL)-SIKAR-2	LVRD	01/08/22	00:00:01	01/08/22	11:56:00	0.50	0.00	0.00	0.00	11.93		* Line opened on voltage regulation. Sikar: 421kV
							5.60	0.00	0.00	0.00	134.18	100.00	
CKT	400kV ROORKEE-DEHRADUN			00:00:00		00:00:00	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	100.00	
CKT	400kV ROORKEE-KASHIPUR(PTCUL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV ROORKEE-MUZAFFARNAGAR(UPPTCL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV ROORKEE-RISHIKESH(PTCUL)			00:00:00		00:00:00	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	100.00	
CKT	400kV SIKAR-BASSI-1			00:00:00		00:00:00	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	100.00	
CKT	400kV TUGHLAKABAD-BALLABHGARH-1			00:00:00		00:00:00	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	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	OSFT	09/08/22	11:43:00	09/08/22	14:28:00	0.12	2.75	0.00	0.00	0.00		* Forced shutdown for rectification of opened jumper of Y-Ph 704-89L line isolator at Jhatikara end.
CKT	765kV AGRA-JHATIKARA	OSFT	14/08/22	17:03:00	14/08/22	19:24:00	0.10	2.35	0.00	0.00	0.00		* E/S/D by NR-3 for Y-Ph open jumper rectification work at Loc. No-257 under Aligarh TL Jurisdiction.
CKT	765kV AJMER-BHADLA2-1	LVRD	02/08/22	17:34:00	03/08/22	08:59:00	0.64	0.00	0.00	0.00	15.42		* Line opened on voltage regulation. Ajmer:795kV

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	765kV AJMER-BHADLA2-1	LVRD	04/08/22	17:03:00	05/08/22	09:36:00	0.69	0.00	0.00	0.00	0.00	16.55	* Line opened on voltage regulation. Aimer-800kV.
CKT	765kV AJMER-BHADLA2-1	SVRD	01/08/22	00:00:01	01/08/22	08:30:00	0.35	0.00	0.00	0.00	0.00	8.50	* Line opened on voltage regulation; Aimer= 800 KV
CKT	765kV AJMER-BHADLA2-1	LVRD	06/08/22	17:50:00	07/08/22	10:13:00	0.68	0.00	0.00	0.00	0.00	16.38	* Line opened on voltage regulation-795KV
CKT	765kV AJMER-BHADLA2-1	LVRD	14/08/22	17:05:00	16/08/22	09:46:00	1.70	0.00	0.00	0.00	0.00	40.68	* Line opened on voltage regulation. Aimer-800KV
CKT	765kV AJMER-BHADLA2-1	LVRD	11/08/22	16:00:00	12/08/22	09:54:00	0.75	0.00	0.00	0.00	0.00	17.90	* Kept opened on voltage regulation.
CKT	765kV AJMER-BHADLA2-1	LVRD	25/08/22	17:16:00	26/08/22	09:45:00	0.69	0.00	0.00	0.00	0.00	16.48	* Line opened on voltage regulation. Aimer-798kV.
CKT	765kV AJMER-BHADLA2-1	LVRD	17/08/22	15:59:00	18/08/22	09:51:00	0.74	0.00	0.00	0.00	0.00	17.87	* Line opened on voltage regulation. Aimer-785kV.
CKT	765kV AJMER-BHADLA2-1	LVRD	31/08/22	19:31:00	31/08/22	23:59:59	0.19	0.00	0.00	0.00	0.00	4.48	* Line opened on voltage regulation; Aimer-796KV.
CKT	765kV AJMER-BHADLA2-1	GGDC	11/08/22	11:23:00	11/08/22	16:00:00	0.19	0.00	0.00	4.62	0.00	0.00	* Tripped on Over voltage protection due to local Grid Disturbance.765kV Bus Bar Voltage reached more than 830kV.
CKT	765kV AJMER-BHADLA2-1	LVRD	23/08/22	17:02:00	24/08/22	10:21:00	0.72	0.00	0.00	0.00	0.00	17.32	* Line opened on voltage regulation; Aimer=799KV.
CKT	765kV AJMER-BHADLA2-1	LVRD	27/08/22	17:07:00	28/08/22	08:52:00	0.66	0.00	0.00	0.00	0.00	15.75	* Line opened on voltage regulation. Aimer-807KV
CKT	765kV AJMER-BHADLA2-1	LVRD	08/08/22	17:08:00	09/08/22	09:52:00	0.70	0.00	0.00	0.00	0.00	16.73	* Line opened on voltage regulation Aimer- 801kV
CKT	765kV AJMER-BHADLA2-1	LVRD	19/08/22	17:19:00	20/08/22	09:12:00	0.66	0.00	0.00	0.00	0.00	15.88	* Line opened on voltage regulation. Aimer-800KV.
CKT	765kV AJMER-BHADLA2-1	LVRD	21/08/22	16:57:00	22/08/22	09:30:00	0.69	0.00	0.00	0.00	0.00	16.55	* Line opened on voltage regulation. Aimer-800kV.
CKT	765kV AJMER-BHADLA2-1	LVRD	29/08/22	17:10:00	30/08/22	08:39:00	0.65	0.00	0.00	0.00	0.00	15.48	* Line opened on voltage regulation. Aimer-800KV
							10.70	0.00	0.00	4.62	251.97	100.00	
CKT	765kV AJMER-BHADLA2-2	LVRD	03/08/22	17:20:00	04/08/22	10:00:00	0.69	0.00	0.00	0.00	0.00	16.67	* Line opened on voltage regulation; Aimer=801KV
CKT	765kV AJMER-BHADLA2-2	LVRD	01/08/22	18:23:00	02/08/22	08:26:00	0.59	0.00	0.00	0.00	0.00	14.05	* Line opened on voltage regulation; Aimer= 798KV
CKT	765kV AJMER-BHADLA2-2	LVRD	24/08/22	17:11:00	25/08/22	09:39:00	0.69	0.00	0.00	0.00	0.00	16.47	* Line opened on voltage regulation Aimer- 802kV
CKT	765kV AJMER-BHADLA2-2	LVRD	28/08/22	17:09:00	29/08/22	08:54:00	0.66	0.00	0.00	0.00	0.00	15.75	* Line opened on voltage regulation. Aimer-800kV.
CKT	765kV AJMER-BHADLA2-2	LVRD	30/08/22	17:26:00	31/08/22	19:00:00	1.07	0.00	0.00	0.00	0.00	25.57	* Line opened on voltage regulation-798KV
CKT	765kV AJMER-BHADLA2-2	LVRD	26/08/22	18:15:00	27/08/22	08:42:00	0.60	0.00	0.00	0.00	0.00	14.45	* Line opened on voltage regulation; Aimer: 789KV
CKT	765kV AJMER-BHADLA2-2	LVRD	16/08/22	17:38:00	17/08/22	10:34:00	0.71	0.00	0.00	0.00	0.00	16.93	* Line opened on voltage regulation. Aimer-801KV.
CKT	765kV AJMER-BHADLA2-2	LVRD	09/08/22	17:14:00	10/08/22	09:21:00	0.67	0.00	0.00	0.00	0.00	16.12	* Line opened on voltage regulation. Aimer-800KV
CKT	765kV AJMER-BHADLA2-2	LVRD	10/08/22	19:11:00	11/08/22	08:34:00	0.56	0.00	0.00	0.00	0.00	13.38	* Line opened on voltage regulation. Aimer-802KV.
CKT	765kV AJMER-BHADLA2-2	SVRD	18/08/22	18:38:00	19/08/22	09:44:00	0.63	0.00	0.00	0.00	0.00	15.10	* Line opened on voltage regulation. Aimer- 790KV.
CKT	765kV AJMER-BHADLA2-2	LVRD	05/08/22	18:19:00	06/08/22	09:54:00	0.65	0.00	0.00	0.00	0.00	15.58	* Line opened on voltage regulation. Aimer-800kV.
CKT	765kV AJMER-BHADLA2-2	LVRD	12/08/22	16:17:00	14/08/22	09:36:00	1.72	0.00	0.00	0.00	0.00	41.32	* Line opened on voltage regulation. Aimer-795kV.
CKT	765kV AJMER-BHADLA2-2	GGDC	11/08/22	11:23:00	11/08/22	17:14:00	0.24	0.00	0.00	5.85	0.00	0.00	* Tripped on Over voltage protection due to local Grid Disturbance.765kV Bus Bar Voltage reached more than 830kV.
CKT	765kV AJMER-BHADLA2-2	LVRD	22/08/22	17:07:00	23/08/22	10:08:00	0.71	0.00	0.00	0.00	0.00	17.02	* Line opened on voltage regulation, Aimer=804.8KV
CKT	765kV AJMER-BHADLA2-2	LVRD	20/08/22	17:07:00	21/08/22	10:19:00	0.72	0.00	0.00	0.00	0.00	17.20	* Line opened on voltage regulation. Aimer-795kV.
CKT	765kV AJMER-BHADLA2-2	LVRD	07/08/22	16:19:00	08/08/22	08:49:00	0.69	0.00	0.00	0.00	0.00	16.50	* Line opened on voltage regulation. Aimer-800kV.
							11.60	0.00	0.00	5.85	272.11	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	0.00	100.00	
CKT	765kV BHADLA-BIKANER-2	OSFT	05/08/22	17:21:00	05/08/22	19:01:00	0.07	1.67	0.00	0.00	0.00	0.00	* Emergency S/D of line along with Non Auto mode of Ckt-1 for Attending Loose Bolt of Insulator Yoke plate of top phase (R-Ph) at loc no-14.
							0.07	1.67	0.00	0.00	0.00	99.78	
CKT	765kV BHIWANI-PHAGI(RRVPNL)-1	LVRD	21/08/22	17:22:00	24/08/22	11:42:00	2.76	0.00	0.00	0.00	0.00	66.33	* Line opened on voltage regulation. Bhiwani-796kV.
							2.76	0.00	0.00	0.00	0.00	66.33	100.00
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LVRD	01/08/22	00:00:01	02/08/22	11:57:00	1.50	0.00	0.00	0.00	0.00	35.95	* Line opened on voltage regulation; Bhiwani= 795KV
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LVRD	11/08/22	17:22:00	18/08/22	11:39:00	6.76	0.00	0.00	0.00	0.00	162.28	* Line opened on voltage regulation. Bhiwani-796KV.
							8.26	0.00	0.00	0.00	0.00	198.23	100.00
CKT	765kV BHIWANI-MEERUT	LART	04/08/22	20:58:00	04/08/22	20:58:00	0.00	0.00	0.00	0.00	0.00	0.00	* Line autoreclose on B-N fault .Meerut-91.41KM/6.68KA, Bhiwani-82.18KM/7.57KA. Fault in Sonpat TL jurisdiction.
							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	0.00	100.00	
CKT	765KV-BIKANER-BHADLA2-ACL-CKT1	OSFT	31/08/22	18:22:00	31/08/22	22:56:00	0.19	4.57	0.00	0.00	0.00	0.00	* Forced shutdown for attending Hotspot on R Ph isolator of Line* Reactor at Bikaner end.
CKT	765KV-BIKANER-BHADLA2-ACL-CKT1	GGDC	11/08/22	11:23:00	11/08/22	17:59:00	0.28	0.00	0.00	6.60	0.00	0.00	* Tripped on Over voltage protection due to local Grid Disturbance.765kV Bus Bar Voltage reached more than 830kV.
							0.47	4.57	0.00	6.60	0.00	99.38	
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	0.00	100.00	
CKT	765kV BIKANER-MOGA-1	LVRD	02/08/22	16:40:00	03/08/22	09:25:00	0.70	0.00	0.00	0.00	0.00	16.75	* Line opened on voltage regulation. Bikaner-793KV
CKT	765kV BIKANER-MOGA-1	LVRD	04/08/22	15:09:00	05/08/22	10:07:00	0.79	0.00	0.00	0.00	0.00	18.97	* Line opened on voltage regulation. Voltage-798kV.
CKT	765kV BIKANER-MOGA-1	LVRD	01/08/22	00:00:01	01/08/22	09:45:00	0.41	0.00	0.00	0.00	0.00	9.75	* Line opened on voltage regulation; Bikaner= 798KV
CKT	765kV BIKANER-MOGA-1	LVRD	18/08/22	17:30:00	19/08/22	09:03:00	0.65	0.00	0.00	0.00	0.00	15.55	* Line opened on voltage regulation. Bikaner-798 KV.
CKT	765kV BIKANER-MOGA-1	OMSU	10/08/22	13:00:00	10/08/22	13:23:00	0.02	0.00	0.38	0.00	0.00	0.00	* Line tripped during checking DC earth fault at Mogga(NR-II) end.
CKT	765kV BIKANER-MOGA-1	LVRD	29/08/22	16:47:00	30/08/22	09:20:00	0.69	0.00	0.00	0.00	0.00	16.55	* Line opened on voltage regulation. Bikaner-800kV.
CKT	765kV BIKANER-MOGA-1	LVRD	27/08/22	16:57:00	28/08/22	09:11:00	0.68	0.00	0.00	0.00	0.00	16.23	* Line opened on voltage regulation. Bikaner-795KV
CKT	765kV BIKANER-MOGA-1	LVRD	15/08/22	17:10:00	16/08/22	08:34:00	0.64	0.00	0.00	0.00	0.00	15.40	* Line opened on voltage regulation. V=796KV
CKT	765kV BIKANER-MOGA-1	LVRD	31/08/22	17:43:00	31/08/22	23:59:59	0.26	0.00	0.00	0.00	0.00	6.28	* Line opened on voltage regulation; Bikaner-798KV

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
LNR	240MVAR,SWLR OF CHITTORGARH-2 AT AJMER			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	330MVAR,SWLR OF AJMER-2 AT BHADLA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF BIKANER-2 AT BHADLA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	330MVAR,SWLR OF AJMER-1 AT BHADLA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF BIKANER-1 AT BHADLA-2	SVRD	10/08/22	11:44:00	10/08/22	17:24:00	0.24	0.00	0.00	0.00	0.00	5.67	* L/R opened on voltage regulation. Voltage-750KV.
LNR	240MVAR,SWLR OF BIKANER-1 AT BHADLA-2	SVRD	08/08/22	11:52:00	08/08/22	15:29:00	0.15	0.00	0.00	0.00	0.00	3.62	* LR opened on voltage regulation-765KV
LNR	240MVAR,SWLR OF BIKANER-1 AT BHADLA	SVRD	29/08/22	11:07:00	29/08/22	16:02:00	0.21	0.00	0.00	0.00	0.00	4.92	* LR opened on voltage regulation; Bhadla: 760 KV
LNR	240MVAR,SWLR OF BIKANER-1 AT BHADLA	SVRD	14/08/22	10:33:00	14/08/22	15:53:00	0.22	0.00	0.00	0.00	0.00	5.33	* LR opened on voltage regulation. Voltage-760 kv.
LNR	240MVAR,SWLR OF BIKANER-1 AT BHADLA	SVRD	02/08/22	11:40:00	02/08/22	16:26:00	0.20	0.00	0.00	0.00	0.00	4.77	* BR opened on voltage regulation. Voltage-760 KV.
LNR	240MVAR,SWLR OF BIKANER-1 AT BHADLA	SVRD	30/08/22	10:14:00	30/08/22	15:52:00	0.24	0.00	0.00	0.00	0.00	5.63	* LR opened on voltage regulation. Voltage-755k
LNR	240MVAR,SWLR OF BIKANER-1 AT BHADLA	SVRD	06/08/22	12:11:00	06/08/22	15:02:00	0.12	0.00	0.00	0.00	0.00	2.85	* LR opened on voltage regulation.Voltage-760KV.
LNR	240MVAR,SWLR OF BIKANER-1 AT BHADLA	SVRD	21/08/22	12:20:00	21/08/22	16:38:00	0.18	0.00	0.00	0.00	0.00	4.30	* BR opened on voltage regulation. V-764KV
LNR	240MVAR,SWLR OF BIKANER-1 AT BHADLA	SVRD	22/08/22	11:52:00	22/08/22	16:32:00	0.19	0.00	0.00	0.00	0.00	4.67	* LR opened on voltage regulation. V=765kV.
LNR	240MVAR,SWLR OF BIKANER-2 AT BHADLA	LVRD	29/08/22	11:54:00	29/08/22	16:22:00	0.19	0.00	0.00	0.00	0.00	4.47	* LR opened on voltage regulation; Bhadla: 768 KV
LNR	240MVAR,SWLR OF BIKANER-2 AT BHADLA	SVRD	30/08/22	10:20:00	30/08/22	16:17:00	0.25	0.00	0.00	0.00	0.00	5.95	* LR opened on voltage regulation. Voltage-755k
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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	330MVAR,SWLR OF BHADLA2-2 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-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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF BHADLA-1 AT BIKANER			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF BANSKANTA-2 AT CHITORGARH			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 CHITORGARH			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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF BHADLA1-1 AT FATEHGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
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	GOVC	18/08/22	11:06:00	18/08/22	14:38:00	0.15	0.00	0.00	3.53	0.00	100.00	* Tripped on MV Bus over voltage protection operated at Kankroli. Previous setting -Vref. Of SVC at Kankroli changed from 404 KV to 414 KV at 11:09 Hrs dt.11.06.2022.Revised setting -Vmin-406kV,Vref-410kV= ,Vmax-414kV at 1438hrs/18.08.2022.(N-2183).

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
							0.15	0.00	0.00	3.53	0.00	100.00	
VALVE	800kV HVDC CHAMPA-KURUKSHETRA POLE-1	LVRD	14/08/22	15:49:00	22/08/22	20:50:00	8.21	0.00	0.00	0.00	197.02		* Hand tripped on voltage regulation. KKR-416KV
VALVE	800kV HVDC CHAMPA-KURUKSHETRA POLE-1	LVRD	07/08/22	09:43:00	08/08/22	20:58:00	1.47	0.00	0.00	0.00	35.25		* Hand tripped on Voltage Regulation. KKR-428KV
VALVE	800kV HVDC CHAMPA-KURUKSHETRA POLE-1	LVRD	01/08/22	00:00:01	03/08/22	14:08:00	2.59	0.00	0.00	0.00	62.13		* Hand tripped on Voltage Regulation.
							12.27	0.00	0.00	0.00	294.40	100.00	
VALVE	800kV HVDC CHAMPA-KURUKSHETRA POLE-2	LVRD	01/08/22	00:00:01	03/08/22	13:06:00	2.55	0.00	0.00	0.00	61.10		* Hand tripped on Voltage Regulation.
VALVE	800kV HVDC CHAMPA-KURUKSHETRA POLE-2	LVRD	15/08/22	10:44:00	22/08/22	20:50:00	7.42	0.00	0.00	0.00	178.10		* Hand tripped on voltage regulation. KKR-418KV
VALVE	800kV HVDC CHAMPA-KURUKSHETRA POLE-2	LVRD	07/08/22	09:43:00	08/08/22	21:03:00	1.47	0.00	0.00	0.00	35.33		* Hand tripped on Voltage Regulation. KKR-427KV
VALVE	800kV HVDC CHAMPA-KURUKSHETRA POLE-2	LVRD	14/08/22	15:49:00	14/08/22	16:56:00	0.05	0.00	0.00	0.00	1.12		* Hand tripped on voltage regulation. KKR-416KV
							11.49	0.00	0.00	0.00	275.65	100.00	
VALVE	800kV HVDC CHAMPA-KURUKSHETRA POLE-3			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	
VALVE	800kV HVDC CHAMPA-KURUKSHETRA POLE-4	SRMT	05/08/22	08:47:00	05/08/22	11:43:00	0.12	2.93	0.00	0.00	0.00		* Pole-4 was blocked on PRD protection in YY-R phase converter transformer due to moisture ingress in PRD.
							0.12	2.93	0.00	0.00	0.00	99.61	
XMER	1500MVA,765/400kV ICT-1 AT AJMER			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	
XMER	1500MVA,765/400kV ICT-2 AT AJMER			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	
XMER	500MVA,400/220kV ICT-1 AT BAGPAT			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	
XMER	500MVA,400/220kV ICT-2 AT BAGPAT			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	
XMER	500MVA,400/220kV ICT-1 AT BALLABGARH			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	
XMER	500MVA,400/220kV ICT-2 AT BALLABGARH			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	
XMER	500MVA,400/220kV ICT-3 AT BALLABGARH			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	
XMER	500MVA,400/220kV ICT-4 AT BALLABGARH			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	
XMER	315MVA,400/220kV ICT-1 AT 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	
XMER	315MVA,400/220kV ICT-2 AT 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	
XMER	500MVA,400/220kV ICT-3 AT 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	
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		
							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		
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-2 AT BHADLA-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	
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		
							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		
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-6 AT BHADLA-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	
XMER	315MVA,400/220kV ICT-1 AT BAHADURGARH			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	
XMER	500MVA,400/220kV ICT-2 AT BAHADURGARH			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	
XMER	500MVA,400/220kV ICT-1 AT BADHLA	OSPT	30/08/22	18:19:00	31/08/22	04:01:00	0.40	9.70	0.00	0.00	0.00		* Shutdown for Annual maintenance planned works.
							0.40	9.70	0.00	0.00	0.00	98.70	
XMER	1500MVA,765/400kV ICT-1 AT BADHLA			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	
XMER	500MVA,400/220kV ICT-2 AT BADHLA			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	
XMER	1500MVA,765/400kV ICT-2 AT BADHLA			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	
XMER	500MVA,400/220kV ICT-3 AT BADHLA			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	
XMER	1500MVA,765/400kV ICT-3 AT BADHLA			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	
XMER	500MVA,400/220kV ICT-4 AT BHADLA	OSPT	22/08/22	17:37:00	23/08/22	06:04:00	0.52	12.45	0.00	0.00	0.00		* SD for Annual maintenance planned works.
							0.52	12.45	0.00	0.00	0.00	98.33	
XMER	500MVA,400/220kV ICT-5 AT BHADLA			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	
XMER	500MVA,400/220kV ICT-6 AT BHADLA			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
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			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 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	
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			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 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			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 BIKANER	OSFT	24/08/22	19:32:00	24/08/22	23:36:00	0.17	4.07	0.00	0.00	0.00	99.45	* Forced Shutdown to attend zero current in Y-ph of Tie bay 420 of ICT-1 due to alignment issue of isolator.
XMER	1500MVA,765/400kV ICT-1 AT BIKANER			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 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	OSFT	21/08/22	12:18:00	21/08/22	15:06:00	0.12	2.80	0.00	0.00	0.00	99.62	* Forced shutdown to attend hot point on 220KV side R-ph CT clamp.
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			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 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	GGDC	11/08/22	13:11:00	11/08/22	14:04:00	0.04	0.00	0.00	0.88	0.00	100.00	
XMER	500MVA,400/220kV ICT-1 AT FATEHGARH-2	SCSD	16/08/22	17:19:00	16/08/22	19:40:00	0.10	0.00	0.00	0.00	2.35	100.00	* Shutdown taken for commissioning work of TBC Bay.
XMER	1500MVA,765/400kV ICT-1 AT FATEHGARH-2	GGDC	11/08/22	12:33:00	11/08/22	13:45:00	0.05	0.00	0.00	1.20	0.00	100.00	* Hand tripped for system restoration after Bus voltage zero.
XMER	500MVA,400/220kV ICT-2 AT FATEHGARH-2	GGDC	11/08/22	12:56:00	11/08/22	15:05:00	0.09	0.00	0.00	2.15	0.00	100.00	
XMER	500MVA,400/220kV ICT-2 AT FATEHGARH-2	SCSD	17/08/22	17:46:00	18/08/22	01:25:00	0.32	0.00	0.00	0.00	7.65	100.00	* Shutdown for commissioning works of TBC Bay.
XMER	1500MVA,765/400kV ICT-2 AT FATEHGARH-2	GGDC	11/08/22	12:33:00	11/08/22	13:15:00	0.03	0.00	0.00	0.70	0.00	100.00	* Hand tripped for system restoration after Bus voltage zero.
XMER	500MVA,400/220kV ICT-3 AT FATEHGARH-2	GGDC	11/08/22	13:09:00	11/08/22	14:51:00	0.07	0.00	0.00	1.70	0.00	100.00	* Hand tripped for system restoration after Bus voltage zero.
XMER	1500MVA,765/400kV ICT-3 AT FATEHGARH-2	OSPT	13/08/22	17:21:00	13/08/22	22:08:00	0.20	4.78	0.00	0.00	0.00	100.00	* Line opened on voltage regulation. Bikaner-795kV.
XMER	1500MVA,765/400kV ICT-3 AT FATEHGARH-2	GGDC	11/08/22	12:33:00	11/08/22	16:00:00	0.14	0.00	0.00	3.45	0.00	99.35	* Hand tripped for system restoration after Bus voltage zero.
XMER	500MVA,400/220kV ICT-4 AT FATEHGARH-2	GGDC	11/08/22	13:11:00	11/08/22	14:05:00	0.04	0.00	0.00	0.90	0.00	100.00	* BR opened on voltage regulation. Voltager-767kV.* 30.08.2022 21:02:18 INDIA Deepak Kumar (60011537)* Hand Tripped for system restoration after local grid disturbance and bus voltage zero.
XMER	1500MVA,765/400kV ICT-4 AT FATEHGARH-2	GGDC	11/08/22	12:51:00	11/08/22	14:27:00	0.07	0.00	0.00	1.60	0.00	100.00	* Hand tripped for system restoration after Bus voltage zero.

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
							0.07	0.00	0.00	1.60	0.00	100.00	
XMER	500MVA,400/220kV ICT-5 AT FATEHGARH-2	GGDC	11/08/22	13:11:00	11/08/22	14:05:00	0.04	0.00	0.00	0.90	0.00	100.00	* Hand tripped for system restoration after Bus voltage zero.
							0.04	0.00	0.00	0.90	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	
							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	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT GURGAON			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 GURGAON			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 HISAR			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 HISAR			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 HISAR			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 JAIPUR SOUTH			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 JAIPUR SOUTH			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-1 AT JHATIKARA	OSFT	17/08/22	13:39:00	17/08/22	17:26:00	0.16	3.78	0.00	0.00	0.00	99.49	* Forced shut down taken for removal of kite from B-phGantry of ICT-1.
							0.16	3.78	0.00	0.00	0.00	99.49	
XMER	1500MVA,765/400kV ICT-2 AT JHATIKARA			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-3 AT JHATIKARA			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-4 AT JHATIKARA			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 JIND	OSFT	12/08/22	13:53:00	12/08/22	20:12:00	0.26	6.32	0.00	0.00	0.00	99.15	* Forced S/D taken to attend hotspot on 20489T B-Ph isolator.
							0.26	6.32	0.00	0.00	0.00	99.15	
XMER	500MVA,400/220kV ICT-2 AT JIND	OSPT	01/08/22	00:00:01	06/08/22	12:33:00	5.52	132.55	0.00	0.00	0.00	82.18	* Shutdown for Annual maintenance works.
							5.52	132.55	0.00	0.00	0.00	82.18	
XMER	315MVA,400/220kV ICT-1 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	
XMER	315MVA,400/220kV ICT-2 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	
XMER	315MVA,400/220kV ICT-3 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	
XMER	800MVA,765/400kV ICT-1 AT KOTESHWAR			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	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	
							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	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	800MVA,765/400kV ICT-4 AT KOTESHWAR			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 KOTA	OSPT	29/08/22	09:49:00	29/08/22	21:24:00	0.48	11.58	0.00	0.00	0.00	98.44	* Shutdown for annual maintenance planned works.
							0.48	11.58	0.00	0.00	0.00	98.44	
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	
							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	
							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	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-1 AT KURUKSHETRA	OSPT	04/08/22	12:29:00	04/08/22	17:38:00	0.22	5.15	0.00	0.00	0.00	99.31	* SD For Bushing Tan- Delta as per revised frequency for Ds1 category
							0.22	5.15	0.00	0.00	0.00	99.31	
XMER	500MVA,400/220kV ICT-2 AT KURUKSHETRA			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 MANDOLA			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 MANDOLA	OSFT	10/08/22	17:25:00	10/08/22	19:14:00	0.08	1.82	0.00	0.00	0.00	99.76	* Forced shutdown for attending hotspot in 220kV R-ph CT connector at Mandola PG.
							0.08	1.82	0.00	0.00	0.00	99.76	
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	
							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	
							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	500MVA,400/220kV ICT-1 AT MANESAR	OSPT	27/08/22	14:42:00	27/08/22	18:22:00	0.15	3.67	0.00	0.00	0.00		* Shutdown for Scada validation <(>&<)> OTI/WTI modification works.
							0.15	3.67	0.00	0.00	0.00	99.51	
XMER	500MVA,400/220kV ICT-2 AT MANESAR			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 MAHARANIBAGH			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 MAHARANIBAGH			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 MAHARANIBAGH	OSPT	27/08/22	09:35:00	27/08/22	20:11:00	0.44	10.60	0.00	0.00	0.00		* SD availed for AMP work
							0.44	10.60	0.00	0.00	0.00	98.58	
XMER	500MVA,400/220kV ICT-4 AT MAHARANIBAGH	OSPT	06/08/22	10:00:00	06/08/22	20:14:00	0.43	10.23	0.00	0.00	0.00		* Shutdown for annual planned maintenance works.
							0.43	10.23	0.00	0.00	0.00	98.62	
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	
							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	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-3 AT MEERUT	OSPT	01/08/22	10:09:00	01/08/22	21:18:00	0.47	11.15	0.00	0.00	0.00		* Shutdown for Annual maintenance planned work.
							0.47	11.15	0.00	0.00	0.00	98.50	
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			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 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			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 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			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 SAHARANPUR	OSPT	26/08/22	09:56:00	26/08/22	18:38:00	0.36	8.70	0.00	0.00	0.00		* SD for AMP and relay testing works.
							0.36	8.70	0.00	0.00	0.00	98.83	
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			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 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	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	
							0.00	0.00	0.00	0.00	0.00	100.00	
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	
							545.66	292.37	78.22	66.30	12.650.16		