

Standard of Performance data for the month of September-2022

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

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
BSR	125MVAR,BUS REACTOR-1 AT AJMER	SVRD	08/09/22	11:36:00	08/09/22	15:37:00	0.17	0.00	0.00	0.00	4.02		* BR opened on voltage regulation, V=403KV
BSR	125MVAR,BUS REACTOR-1 AT AJMER	SVRD	11/09/22	11:31:00	11/09/22	15:33:00	0.17	0.00	0.00	0.00	4.03		* BR opened on voltage regulation. Voltage=403kV
BSR	125MVAR,BUS REACTOR-1 AT AJMER	SVRD	05/09/22	07:46:00	07/09/22	15:51:00	2.34	0.00	0.00	0.00	56.08		* BR opened on voltage regulation. V=413KV
							2.68	0.00	0.00	0.00	64.13	100.00	
BSR	240MVAR,BUS REACTOR-1 AT AJMER	SVRD	13/09/22	11:10:00	13/09/22	15:59:00	0.20	0.00	0.00	0.00	4.82		* BR opened on voltage regulation. Voltage=752kV
BSR	240MVAR,BUS REACTOR-1 AT AJMER	SVRD	04/09/22	11:14:00	04/09/22	15:08:00	0.16	0.00	0.00	0.00	3.90		* BR opened on voltage regulation. Voltage=767KV
							0.36	0.00	0.00	0.00	8.72	100.00	
BSR	125MVAR,BUS REACTOR-1 AT BAGPAT	SVRD	08/09/22	11:40:00	16/09/22	05:06:00	7.73	0.00	0.00	0.00	185.43		* BR opened on voltage regulation,V=401KV
							7.73	0.00	0.00	0.00	185.43	100.00	
BSR	80MVAR,BUS REACTOR-1 AT BALLABGARH	SVRD	07/09/22	11:55:00	16/09/22	03:44:00	8.66	0.00	0.00	0.00	207.82		* BR opened on voltage regulation. Voltage=395kV.
							8.66	0.00	0.00	0.00	207.82	100.00	
BSR	50MVAR,BUS REACTOR-1 AT BASSI	SVRD	16/09/22	11:00:00	18/09/22	15:49:00	2.20	0.00	0.00	0.00	52.82		* BR opened on voltage regulation. V=398KV.
BSR	50MVAR,BUS REACTOR-1 AT BASSI	SVRD	05/09/22	12:06:00	15/09/22	03:51:00	9.66	0.00	0.00	0.00	231.75		* BR opened on voltage regulation.V=399KV
							11.86	0.00	0.00	0.00	284.57	100.00	
BSR	50MVAR,BUS REACTOR-2 AT BASSI	SVRD	05/09/22	12:08:00	10/09/22	15:48:00	5.15	0.00	0.00	0.00	123.67		* BR opened on voltage regulation. V=399KV.
BSR	50MVAR,BUS REACTOR-2 AT BASSI	SVRD	12/09/22	11:09:00	14/09/22	21:44:00	2.44	0.00	0.00	0.00	58.58		* BR opened on voltage regulation. Voltage=397kV
BSR	50MVAR,BUS REACTOR-2 AT BASSI	SVRD	11/09/22	11:18:00	11/09/22	15:58:00	0.19	0.00	0.00	0.00	4.67		* BR opened on voltage regulation. Voltage=400kV
							7.78	0.00	0.00	0.00	186.92	100.00	
BSR	50MVAR,BUS REACTOR-3 AT BASSI	SVRD	08/09/22	10:15:00	15/09/22	03:53:00	6.74	0.00	0.00	0.00	161.63		* BR opened on voltage regulation, V=401KV
							6.74	0.00	0.00	0.00	161.63	100.00	
BSR	125MVAR,BUS REACTOR-4 AT BASSI	SVRD	01/09/22	00:00:01	15/09/22	03:50:00	14.16	0.00	0.00	0.00	339.83		* BR opened on voltage regulation
BSR	125MVAR,BUS REACTOR-4 AT BASSI	SVRD	16/09/22	11:00:00	18/09/22	15:49:00	2.20	0.00	0.00	0.00	52.82		* BR opened on voltage regulation. V=398KV.
							16.36	0.00	0.00	0.00	392.65	100.00	
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	19/09/22	09:57:00	19/09/22	14:50:00	0.20	0.00	0.00	0.00	4.88		* BR opened on voltage regulation
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	18/09/22	09:43:00	18/09/22	15:44:00	0.25	0.00	0.00	0.00	6.02		* BR opened on voltage regulation. V=398KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	08/09/22	10:40:00	08/09/22	15:01:00	0.18	0.00	0.00	0.00	4.35		* BR opened on voltage regulation,V=402KV
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	02/09/22	09:26:00	02/09/22	14:32:00	0.21	0.00	0.00	0.00	5.10		* BR opened on voltage regulation. Voltage=398KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	01/09/22	09:22:00	01/09/22	14:54:00	0.23	0.00	0.00	0.00	5.53		* BR opened on voltage regulation. Voltage=398kV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	04/09/22	09:45:00	04/09/22	16:52:00	0.30	0.00	0.00	0.00	7.12		* BR opened on voltage regulation. Voltage=387KV
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	07/09/22	10:29:00	07/09/22	16:16:00	0.24	0.00	0.00	0.00	5.78		* BR opened on voltage regulation. Voltage=395kV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	11/09/22	09:52:00	11/09/22	13:07:00	0.14	0.00	0.00	0.00	3.25		* BR opened on voltage regulation. Voltage=394KV
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	12/09/22	09:48:00	12/09/22	16:09:00	0.27	0.00	0.00	0.00	6.35		* BR opened on voltage regulation.Voltage=395kV
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	15/09/22	10:04:00	15/09/22	15:49:00	0.24	0.00	0.00	0.00	5.75		* BR opened on voltage regulation. Voltage=758KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	05/09/22	08:09:00	05/09/22	17:11:00	0.38	0.00	0.00	0.00	9.03		* BR opened on voltage regulation. V=395KV
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	09/09/22	10:11:00	09/09/22	14:46:00	0.19	0.00	0.00	0.00	4.58		* BR opened on voltage regulation. Voltage=398kV
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	03/09/22	09:34:00	03/09/22	16:14:00	0.28	0.00	0.00	0.00	6.67		* BR opened on voltage regulation.Voltage=397kV
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	23/09/22	11:38:00	23/09/22	16:05:00	0.19	0.00	0.00	0.00	4.45		* BR opened on voltage regulation; Voltage=398KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	27/09/22	10:23:00	27/09/22	15:15:00	0.20	0.00	0.00	0.00	4.87		* BR opened on voltage regulation,V=396KV
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	25/09/22	10:52:00	25/09/22	15:18:00	0.19	0.00	0.00	0.00	4.43		* BR opened on voltage regulation. V=395KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	24/09/22	10:45:00	24/09/22	14:50:00	0.17	0.00	0.00	0.00	4.08		* BR opened on voltage regulation; Voltage=398KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	28/09/22	10:06:00	28/09/22	16:39:00	0.27	0.00	0.00	0.00	6.55		* BR opened on voltage regulation. Voltage=400KV
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	22/09/22	10:32:00	22/09/22	15:33:00	0.21	0.00	0.00	0.00	5.02		* BR opened on voltage regulation. Voltage=398KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	20/09/22	09:12:00	20/09/22	16:59:00	0.32	0.00	0.00	0.00	7.78		* BR opened on voltage regulation. V=394kV
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	30/09/22	09:35:00	30/09/22	18:02:00	0.35	0.00	0.00	0.00	8.45		* BR opened on voltage regulation; Voltage=398KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	29/09/22	09:43:00	29/09/22	16:41:00	0.29	0.00	0.00	0.00	6.97		* BR opened on voltage regulation; Voltage=396KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	06/09/22	10:34:00	06/09/22	15:44:00	0.22	0.00	0.00	0.00	5.17		* BR opened on voltage regulation. V=399KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	10/09/22	09:30:00	10/09/22	14:32:00	0.21	0.00	0.00	0.00	5.03		* BR opened on voltage regulation. Voltage=390KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	14/09/22	10:19:00	14/09/22	15:11:00	0.20	0.00	0.00	0.00	4.87		* BR opened on voltage regulation. Voltage=398KV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	16/09/22	10:06:00	16/09/22	15:42:00	0.23	0.00	0.00	0.00	5.60		* BR opened on voltage regulation. V=394kV
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	17/09/22	11:45:00	17/09/22	15:03:00	0.14	0.00	0.00	0.00	3.30		* BR opened on voltage regulation.Voltage=392kV
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	13/09/22	10:02:00	13/09/22	16:36:00	0.27	0.00	0.00	0.00	6.57		* BR opened on voltage regulation. Voltage=400kV
							6.57	0.00	0.00	0.00	157.55	100.00	
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	20/09/22	09:48:00	20/09/22	15:15:00	0.23	0.00	0.00	0.00	5.45		* BR opened on voltage regulation. V=756KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	30/09/22	10:11:00	30/09/22	15:08:00	0.21	0.00	0.00	0.00	4.95		* BR opened on voltage regulation; Voltage=755KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	21/09/22	09:46:00	21/09/22	15:18:00	0.23	0.00	0.00	0.00	5.53		* BR opened on voltage regulation; V=755KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	22/09/22	09:38:00	22/09/22	14:53:00	0.22	0.00	0.00	0.00	5.25		* BR opened on voltage regulation. V=760KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	26/09/22	09:58:00	26/09/22	16:09:00	0.26	0.00	0.00	0.00	6.18		* BR opened on voltage regulation. V=752KV
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	25/09/22	10:06:00	25/09/22	15:33:00	0.23	0.00	0.00	0.00	5.45		* BR opened on voltage regulation. V=761KV
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	29/09/22	10:09:00	29/09/22	16:11:00	0.25	0.00	0.00	0.00	6.03		* BR opened on voltage regulation; Voltage=752KV.
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	02/09/22	09:29:00	02/09/22	13:19:00	0.16	0.00	0.00	0.00	3.83		* BR opened on voltage regulation V=755kV
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	06/09/22	09:33:00	06/09/22	15:05:00	0.23	0.00	0.00	0.00	5.53		* BR opened on voltage regulation.V=764KV
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	08/09/22	09:59:00	08/09/22	13:08:00	0.13	0.00	0.00	0.00	3.15		* BR opened on voltage regulation.V=758KV
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	11/09/22	10:19:00	11/09/22	13:25:00	0.13	0.00	0.00	0.00	3.10		* BR opened on voltage regulation. Voltage=760KV
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	12/09/22	10:19:00	12/09/22	15:02:00	0.20	0.00	0.00	0.00	4.72		* BR opened on voltage regulation. Voltage=750KV
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	13/09/22	10:34:00	13/09/22	16:27:00	0.25	0.00	0.00	0.00	5.88		* BR opened on voltage regulation. Voltage=748kV
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	05/09/22	10:14:00	05/09/22	14:58:00	0.20	0.00	0.00	0.00	4.73		* BR opened on voltage regulation.V=759KV
BSR	240MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	03/09/22	09:36:00	03/09/22	15:30:00	0.25	0.00	0.00	0.00	5.90		* BR opened on voltage regulation.Voltage=756kV

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	24/09/22	10:18:00	24/09/22	15:35:00	0.22	0.00	0.00	0.00	0.00	5.28	* BR opened on voltage regulation; Voltage-757KV.
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	27/09/22	09:55:00	27/09/22	16:13:00	0.26	0.00	0.00	0.00	0.00	6.30	* BR opened on voltage regulation. Bhadla(2)-750KV.
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	28/09/22	10:09:00	28/09/22	16:08:00	0.25	0.00	0.00	0.00	0.00	5.98	* BR opened on voltage regulation. Voltage-748KV.
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	10/09/22	10:51:00	10/09/22	15:29:00	0.19	0.00	0.00	0.00	0.00	4.63	* BR opened on voltage regulation.Voltage-760KV.
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	18/09/22	10:19:00	18/09/22	17:25:00	0.30	0.00	0.00	0.00	0.00	7.10	* BR opened on voltage regulation. V-760KV
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	17/09/22	10:08:00	17/09/22	15:37:00	0.23	0.00	0.00	0.00	0.00	5.48	* BR opened on voltage regulation. Voltage-759KV
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	19/09/22	09:59:00	19/09/22	15:37:00	0.24	0.00	0.00	0.00	0.00	5.63	* BR opened on voltage regulation
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	09/09/22	09:51:00	09/09/22	12:54:00	0.13	0.00	0.00	0.00	0.00	3.05	* BR opened on voltage regulation. Voltage-755kv
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	16/09/22	09:57:00	16/09/22	15:50:00	0.25	0.00	0.00	0.00	0.00	5.88	* BR opened on voltage regulation. V=758 KV.
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	15/09/22	09:59:00	15/09/22	14:53:00	0.20	0.00	0.00	0.00	0.00	4.90	* BR opened on voltage regulation. Voltage-757KV.
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	04/09/22	09:47:00	04/09/22	14:58:00	0.22	0.00	0.00	0.00	0.00	5.18	* BR opened on voltage regulation. Voltage=753KV
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	01/09/22	09:29:00	01/09/22	15:13:00	0.24	0.00	0.00	0.00	0.00	5.73	* BR opened on voltage regulation. Voltage-765kv.
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	07/09/22	09:47:00	07/09/22	15:42:00	0.25	0.00	0.00	0.00	0.00	5.92	* BR opened on voltage regulation. Voltage-756KV.
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	14/09/22	09:29:00	14/09/22	14:46:00	0.22	0.00	0.00	0.00	0.00	5.28	* BR opened on voltage regulation.Voltage=765KV.
							6.38	0.00	0.00	0.00	152.02	100.00	
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	05/09/22	10:44:00	05/09/22	15:23:00	0.19	0.00	0.00	0.00	0.00	4.65	* BR opened on voltage regulation. V-761KV.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	11/09/22	10:42:00	11/09/22	13:39:00	0.12	0.00	0.00	0.00	0.00	2.95	* BR opened on voltage regulation. Voltage=756KV
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	17/09/22	10:40:00	17/09/22	14:57:00	0.18	0.00	0.00	0.00	0.00	4.28	* BR opened on voltage regulation. Voltage-758KV
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	19/09/22	10:19:00	19/09/22	15:08:00	0.20	0.00	0.00	0.00	0.00	4.82	* BR opened on voltage regulation.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	06/09/22	10:00:00	06/09/22	16:09:00	0.26	0.00	0.00	0.00	0.00	6.15	* BR opened on voltage regulation. V-760KV.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	13/09/22	10:54:00	13/09/22	15:56:00	0.21	0.00	0.00	0.00	0.00	5.03	* BR opened on voltage regulation Voltage-748kv
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	09/09/22	10:21:00	09/09/22	13:09:00	0.12	0.00	0.00	0.00	0.00	2.80	* BR opened on voltage regulation. Voltage=750kv.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	04/09/22	10:13:00	04/09/22	15:51:00	0.24	0.00	0.00	0.00	0.00	5.63	* BR opened on voltage regulation. Voltage=753KV
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	16/09/22	10:15:00	16/09/22	14:44:00	0.19	0.00	0.00	0.00	0.00	4.48	* BR opened on voltage regulation.V=761KV
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	14/09/22	09:55:00	14/09/22	16:05:00	0.26	0.00	0.00	0.00	0.00	6.17	* BR opened on voltage regulation.Voltage=764KV
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	07/09/22	09:23:00	07/09/22	14:55:00	0.23	0.00	0.00	0.00	0.00	5.53	* BR opened on voltage regulation. Voltage-760kv.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	01/09/22	10:11:00	01/09/22	15:53:00	0.24	0.00	0.00	0.00	0.00	5.70	* BR opened on voltage regulation. Voltage=755kv.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	08/09/22	10:22:00	08/09/22	14:02:00	0.15	0.00	0.00	0.00	0.00	3.67	* BR opened on voltage regulation. V-401KV.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	12/09/22	10:24:00	12/09/22	14:26:00	0.17	0.00	0.00	0.00	0.00	4.03	* BR opened on voltage regulation. Voltage=760KV
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	10/09/22	09:58:00	10/09/22	16:33:00	0.27	0.00	0.00	0.00	0.00	6.58	* BR opened on voltage regulation. Voltage-755KV.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	15/09/22	10:15:00	15/09/22	12:54:00	0.11	0.00	0.00	0.00	0.00	2.65	* BR opened on voltage regulation. Voltage-760KV.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	03/09/22	10:13:00	03/09/22	15:11:00	0.21	0.00	0.00	0.00	0.00	4.97	* BR opened on voltage regulation. Voltage=749KV
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	18/09/22	10:37:00	18/09/22	15:11:00	0.19	0.00	0.00	0.00	0.00	4.57	* BR opened on voltage regulation. V-760KV.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	23/09/22	10:04:00	23/09/22	15:12:00	0.21	0.00	0.00	0.00	0.00	5.13	* BR opened on voltage regulation; Voltage-756KV.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	20/09/22	10:07:00	20/09/22	15:36:00	0.23	0.00	0.00	0.00	0.00	5.48	* BR opened on voltage regulation. V=758KV.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	27/09/22	10:19:00	27/09/22	16:57:00	0.28	0.00	0.00	0.00	0.00	6.63	* BR opened on voltage regulation V-752kv
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	28/09/22	10:32:00	28/09/22	15:14:00	0.20	0.00	0.00	0.00	0.00	4.70	* BR opened on voltage regulation. Voltage-750KV.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	24/09/22	10:30:00	24/09/22	15:44:00	0.22	0.00	0.00	0.00	0.00	5.23	* BR opened on voltage regulation; Voltage-760KV.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	29/09/22	10:15:00	29/09/22	16:42:00	0.27	0.00	0.00	0.00	0.00	6.45	* BR opened on voltage regulation; Voltage-756KV.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	21/09/22	10:20:00	21/09/22	15:45:00	0.23	0.00	0.00	0.00	0.00	5.42	* BR opened on voltage regulation. V=755KV.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	30/09/22	09:24:00	30/09/22	15:20:00	0.25	0.00	0.00	0.00	0.00	5.93	* BR opened on voltage regulation; Voltage-767KV.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	25/09/22	10:31:00	25/09/22	16:11:00	0.24	0.00	0.00	0.00	0.00	5.67	* BR opened on voltage regulation. V-763KV
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	22/09/22	10:10:00	22/09/22	15:44:00	0.23	0.00	0.00	0.00	0.00	5.57	* BR opened on voltage regulation. Voltage-760KV.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	26/09/22	10:25:00	26/09/22	16:45:00	0.26	0.00	0.00	0.00	0.00	6.33	* BR opened on voltage regulation. V=752KV
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	02/09/22	10:12:00	02/09/22	14:41:00	0.19	0.00	0.00	0.00	0.00	4.48	* BR opened on voltage regulation V-755kv
							6.35	0.00	0.00	0.00	151.68	100.00	
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	05/09/22	07:56:00	05/09/22	17:12:00	0.39	0.00	0.00	0.00	0.00	9.27	* R opened on voltage regulation. V=408KV
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	15/09/22	09:44:00	15/09/22	15:44:00	0.25	0.00	0.00	0.00	0.00	6.00	* BR opened on voltage regulation. Voltage-398KV.
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	06/09/22	10:10:00	06/09/22	16:21:00	0.26	0.00	0.00	0.00	0.00	6.18	* BR opened on voltage regulation. V-398KV.
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	16/09/22	09:51:00	16/09/22	15:45:00	0.25	0.00	0.00	0.00	0.00	5.90	* BR opened on voltage regulation.V=398KV.
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	17/09/22	10:11:00	17/09/22	15:01:00	0.20	0.00	0.00	0.00	0.00	4.83	* BR opened on voltage regulation. Voltage-394KV
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	18/09/22	09:01:00	18/09/22	15:30:00	0.27	0.00	0.00	0.00	0.00	6.48	* BR opened on voltage regulation-397KV
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	07/09/22	10:19:00	07/09/22	15:59:00	0.24	0.00	0.00	0.00	0.00	5.67	* BR opened on voltage regulation. Voltage-395kv.
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	13/09/22	10:08:00	13/09/22	16:40:00	0.27	0.00	0.00	0.00	0.00	6.53	* BR opened on voltage regulation. Voltage-395kv.
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	19/09/22	09:20:00	19/09/22	14:56:00	0.23	0.00	0.00	0.00	0.00	5.60	* BR opened on voltage regulation.
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	01/09/22	06:18:00	01/09/22	14:58:00	0.36	0.00	0.00	0.00	0.00	8.67	* BR opened on voltage regulation; Bhadla: 397KV
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	02/09/22	09:27:00	02/09/22	14:43:00	0.22	0.00	0.00	0.00	0.00	5.27	* BR opened on voltage regulation V-390KV
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	08/09/22	10:02:00	08/09/22	15:53:00	0.24	0.00	0.00	0.00	0.00	5.85	* BR opened on voltage regulation. V-401KV
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	04/09/22	10:01:00	04/09/22	16:55:00	0.29	0.00	0.00	0.00	0.00	6.90	* BR opened on voltage regulation. Voltage=393kv
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	10/09/22	09:30:00	10/09/22	14:45:00	0.22	0.00	0.00	0.00	0.00	5.25	* BR opened on voltage regulation. Voltage-390KV.
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	11/09/22	09:44:00	11/09/22	13:10:00	0.14	0.00	0.00	0.00	0.00	3.43	* BR opened on voltage regulation. Voltage=400KV
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	12/09/22	09:52:00	12/09/22	16:10:00	0.26	0.00	0.00	0.00	0.00	6.30	* BR opened on voltage regulation. Voltage=395KV
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	03/09/22	09:37:00	03/09/22	16:25:00	0.28	0.00	0.00	0.00	0.00	6.80	* BR opened on voltage regulation.Voltage=395kv
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	24/09/22	10:31:00	24/09/22	14:54:00	0.18	0.00	0.00	0.00	0.00	4.38	* BR opened on voltage regulation; Voltage-98KV.
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	23/09/22	11:36:00	23/09/22	16:12:00	0.19	0.00	0.00	0.00	0.00	4.60	* BR opened on voltage regulation; Voltage-398KV.
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	20/09/22	09:13:00	20/09/22	17:12:00	0.33	0.00	0.00	0.00	0.00	7.98	* BR opened on voltage regulation. V=395kv
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	26/09/22	10:27:00	26/09/22	15:47:00	0.22	0.00	0.00	0.00	0.00	5.33	* BR opened on voltage regulation. V-390KV
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	09/09/22	10:10:00	09/09/22	14:51:00	0.20	0.00	0.00	0.00	0.00	4.68	* BR opened on voltage regulation. Voltage-395kv
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	14/09/22	10:07:00	14/09/22	15:20:00	0.22	0.00	0.00	0.00	0.00	5.22	* BR opened on voltage regulation.Voltage-398KV
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	29/09/22	09:42:00	29/09/22	16:57:00	0.30	0.00	0.00	0.00	0.00	7.25	* BR opened on voltage regulation; Voltage-398KV.
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	30/09/22	09:30:00	30/09/22	15:21:00	0.24	0.00	0.00	0.00	0.00	5.85	* BR opened on voltage regulation; Voltage-394KV.
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	27/09/22	10:25:00	27/09/22	15:17:00	0.20	0.00	0.00	0.00	0.00	4.87	* BR opened on voltage regulation.V=395KV

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 BADHLA	SVRD	25/09/22	10:51:00	25/09/22	15:22:00	0.19	0.00	0.00	0.00	4.52		* BR opened on voltage regulation. V-387KV
BSR	125MVAR,BUS REACTOR-1 AT BADHLA	SVRD	28/09/22	10:06:00	28/09/22	16:52:00	0.28	0.00	0.00	0.00	6.77		* BR opened on voltage regulation. Voltage-398KV
BSR	125MVAR,BUS REACTOR-1 AT BADHLA	SVRD	26/09/22	10:27:00	26/09/22	15:47:00	0.22	0.00	0.00	0.00	5.33		* BR opened on voltage regulation. V-390KV
BSR	125MVAR,BUS REACTOR-1 AT BADHLA	SVRD	22/09/22	10:49:00	22/09/22	15:35:00	0.20	0.00	0.00	0.00	4.77		* BR opened on voltage regulation; Voltage= 398 KV
							7.34	0.00	0.00	0.00	176.48	100.00	
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	20/09/22	09:42:00	20/09/22	15:07:00	0.23	0.00	0.00	0.00	5.42		* BR opened on voltage regulation. V=756KV.
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	25/09/22	09:49:00	25/09/22	16:06:00	0.26	0.00	0.00	0.00	6.28		* BR opened on voltage regulation. V-767KV
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	24/09/22	10:00:00	24/09/22	15:59:00	0.25	0.00	0.00	0.00	5.98		* BR opened on voltage regulation; Voltage=760KV.
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	26/09/22	09:35:00	26/09/22	17:27:00	0.33	0.00	0.00	0.00	7.87		* BR opened on voltage regulation. V=758KV
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	23/09/22	09:55:00	23/09/22	14:40:00	0.20	0.00	0.00	0.00	4.75		* BR opened on voltage regulation; Voltage=756KV.
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	30/09/22	09:46:00	30/09/22	15:33:00	0.24	0.00	0.00	0.00	5.78		* BR opened on voltage regulation; Voltage=761KV.
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	28/09/22	09:15:00	28/09/22	16:12:00	0.29	0.00	0.00	0.00	6.95		* BR opened on voltage regulation. Voltage=748KV
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	22/09/22	09:43:00	22/09/22	16:07:00	0.27	0.00	0.00	0.00	6.40		* BR opened on voltage regulation. Voltage=759KV.
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	21/09/22	10:19:00	21/09/22	16:34:00	0.26	0.00	0.00	0.00	6.25		* BR opened on voltage regulation. V=755KV.
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	29/09/22	09:01:00	29/09/22	16:14:00	0.30	0.00	0.00	0.00	7.22		* BR opened on voltage regulation; Voltage=763KV.
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	02/09/22	09:25:00	02/09/22	16:02:00	0.28	0.00	0.00	0.00	6.62		* BR opened on voltage regulation V-748kV
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	05/09/22	10:10:00	05/09/22	15:58:00	0.24	0.00	0.00	0.00	5.80		* BR opened on voltage regulation. V-755KV.
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	17/09/22	09:59:00	17/09/22	16:20:00	0.27	0.00	0.00	0.00	6.35		* BR opened on voltage regulation. Voltage=753KV
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	18/09/22	09:59:00	18/09/22	17:29:00	0.31	0.00	0.00	0.00	7.50		* BR opened on voltage regulation-757KV
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	08/09/22	09:01:00	08/09/22	13:45:00	0.20	0.00	0.00	0.00	4.73		* BR opened on voltage regulation.V-756 KV
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	03/09/22	09:17:00	03/09/22	15:24:00	0.26	0.00	0.00	0.00	6.12		* BR opened on voltage regulation.Voltage=751kV
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	09/09/22	09:43:00	09/09/22	15:10:00	0.23	0.00	0.00	0.00	5.45		* BR opened on voltage regulation. Voltage=755kV
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	13/09/22	10:06:00	13/09/22	15:17:00	0.22	0.00	0.00	0.00	5.18		* BR opened on voltage regulation. Voltage=753kV
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	12/09/22	09:36:00	12/09/22	15:33:00	0.25	0.00	0.00	0.00	5.95		* BR opened on voltage regulation.Voltage=750kV
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	11/09/22	09:53:00	11/09/22	16:26:00	0.27	0.00	0.00	0.00	6.55		* BR opened on voltage regulation. Voltage=759kV
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	06/09/22	09:44:00	06/09/22	15:42:00	0.25	0.00	0.00	0.00	5.97		* BR opened on voltage regulation. V-760KV.
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	16/09/22	09:37:00	16/09/22	15:13:00	0.23	0.00	0.00	0.00	5.60		* BR opened on voltage regulation.V=760KV.
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	10/09/22	10:11:00	10/09/22	16:38:00	0.27	0.00	0.00	0.00	6.45		* BR opened on voltage regulation. Voltage=755KV.
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	04/09/22	09:59:00	04/09/22	16:02:00	0.25	0.00	0.00	0.00	6.05		* BR opened on voltage regulation. Voltage=750KV
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	01/09/22	10:11:00	01/09/22	15:21:00	0.22	0.00	0.00	0.00	5.17		* BR opened on voltage regulation. Voltage=755kV.
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	15/09/22	10:16:00	15/09/22	15:22:00	0.21	0.00	0.00	0.00	5.10		* BR opened on voltage regulation. Voltage=762KV.
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	14/09/22	10:05:00	14/09/22	14:53:00	0.20	0.00	0.00	0.00	4.80		* BR opened on voltage regulation.Voltage=765KV.
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	07/09/22	09:33:00	07/09/22	15:22:00	0.24	0.00	0.00	0.00	5.82		* BR opened on voltage regulation. Voltage=760kV.
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	19/09/22	09:23:00	19/09/22	16:37:00	0.30	0.00	0.00	0.00	7.23		* BR opened on voltage regulation.
							7.33	0.00	0.00	0.00	175.34	100.00	
BSR	80MVAR,BUS REACTOR-1 AT BHIWADI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR,BUS REACTOR-1 AT BHIWANI	SVRD	08/09/22	12:33:00	10/09/22	18:31:00	2.25	0.00	0.00	0.00	53.97		* BR opened on voltage regulation, V-762KV
							2.25	0.00	0.00	0.00	53.97	100.00	
BSR	240MVAR,BUS REACTOR-2 AT BHIWANI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	80MVAR,BUS REACTOR-1 AT BHINMAL	SVRD	29/09/22	09:45:00	29/09/22	21:11:00	0.48	0.00	0.00	0.00	11.43		* BR opened on voltage regulation; Voltage=397KV.
BSR	80MVAR,BUS REACTOR-1 AT BHINMAL	SVRD	26/09/22	10:58:00	26/09/22	16:16:00	0.22	0.00	0.00	0.00	5.30		* BR opened on voltage regulation. V=386KV
BSR	80MVAR,BUS REACTOR-1 AT BHINMAL	SVRD	20/09/22	09:22:00	20/09/22	17:15:00	0.33	0.00	0.00	0.00	7.88		* BR opened on voltage regulation. V=397KV.
BSR	80MVAR,BUS REACTOR-1 AT BHINMAL	SVRD	24/09/22	09:55:00	25/09/22	16:25:00	1.27	0.00	0.00	0.00	30.50		* BR opened on voltage regulation; Voltage=398KV.
BSR	80MVAR,BUS REACTOR-1 AT BHINMAL	SVRD	27/09/22	08:08:00	27/09/22	17:55:00	0.41	0.00	0.00	0.00	9.78		* BR opened on voltage regulation. V=394KV
BSR	80MVAR,BUS REACTOR-1 AT BHINMAL	SVRD	30/09/22	09:37:00	30/09/22	22:04:00	0.52	0.00	0.00	0.00	12.45		* BR opened on voltage regulation; Voltage=400KV.
BSR	80MVAR,BUS REACTOR-1 AT BHINMAL	SVRD	09/09/22	11:39:00	09/09/22	21:41:00	0.42	0.00	0.00	0.00	10.03		* BR opened on voltage regulation. Voltage=390kV.
BSR	80MVAR,BUS REACTOR-1 AT BHINMAL	SVRD	19/09/22	09:27:00	19/09/22	22:24:00	0.54	0.00	0.00	0.00	12.95		* BR opened on voltage regulation.
BSR	80MVAR,BUS REACTOR-1 AT BHINMAL	SVRD	01/09/22	10:13:00	08/09/22	22:46:00	7.52	0.00	0.00	0.00	180.55		* BR opened on voltage regulation. Voltage=399kV.
BSR	80MVAR,BUS REACTOR-1 AT BHINMAL	SVRD	10/09/22	09:25:00	10/09/22	15:38:00	0.26	0.00	0.00	0.00	6.22		* BR opened on voltage regulation. Voltage=385KV
BSR	80MVAR,BUS REACTOR-1 AT BHINMAL	SVRD	26/09/22	10:58:00	26/09/22	16:16:00	0.22	0.00	0.00	0.00	5.30		* BR opened on voltage regulation. V-390KV
							12.19	0.00	0.00	0.00	292.39	100.00	
BSR	125MVAR,BUS REACTOR-1 AT BIKANER	SVRD	29/09/22	09:40:00	29/09/22	16:55:00	0.30	0.00	0.00	0.00	7.25		* BR opened on voltage regulation; Voltage=398KV.
BSR	125MVAR,BUS REACTOR-1 AT BIKANER	SVRD	30/09/22	11:41:00	30/09/22	15:13:00	0.15	0.00	0.00	0.00	3.53		* BR opened on voltage regulation. Voltage=395kV.
BSR	125MVAR,BUS REACTOR-1 AT BIKANER	SVRD	05/09/22	08:12:00	06/09/22	16:13:00	1.33	0.00	0.00	0.00	32.02		* BR opened on voltage regulation. V=406KV
BSR	125MVAR,BUS REACTOR-1 AT BIKANER	SVRD	12/09/22	09:54:00	12/09/22	16:31:00	0.28	0.00	0.00	0.00	6.62		* BR opened on voltage regulation. Voltage=397kV
BSR	125MVAR,BUS REACTOR-1 AT BIKANER	SVRD	08/09/22	10:24:00	08/09/22	17:25:00	0.29	0.00	0.00	0.00	7.02		* BR opened on voltage regulation.V-402KV
BSR	125MVAR,BUS REACTOR-1 AT BIKANER	SVRD	07/09/22	10:36:00	07/09/22	15:43:00	0.21	0.00	0.00	0.00	5.12		* BR opened on voltage regulation. Voltage=395kV.
BSR	125MVAR,BUS REACTOR-1 AT BIKANER	SVRD	14/09/22	11:50:00	14/09/22	14:57:00	0.13	0.00	0.00	0.00	3.12		* BR opened on voltage regulation. Voltage=397KV
BSR	125MVAR,BUS REACTOR-1 AT BIKANER	SVRD	02/09/22	09:37:00	02/09/22	16:01:00	0.27	0.00	0.00	0.00	6.40		* BR opened on voltage regulation V-401 kV
BSR	125MVAR,BUS REACTOR-1 AT BIKANER	SVRD	16/09/22	10:06:00	25/09/22	16:38:00	9.27	0.00	0.00	0.00	222.53		* BR opened on voltage regulation.V=398kV
BSR	125MVAR,BUS REACTOR-1 AT BIKANER	SVRD	13/09/22	08:19:00	13/09/22	16:35:00	0.34	0.00	0.00	0.00	8.27		* BR opened on voltage regulation. Voltage=402KV
BSR	125MVAR,BUS REACTOR-1 AT BIKANER	SVRD	01/09/22	10:18:00	01/09/22	17:01:00	0.28	0.00	0.00	0.00	6.72		* BR opened on voltage regulation. Voltage=390kV.
BSR	125MVAR,BUS REACTOR-1 AT BIKANER	SVRD	15/09/22	08:47:00	15/09/22	15:19:00	0.27	0.00	0.00	0.00	6.53		* BR opened on voltage regulation. Voltage=400KV.
BSR	125MVAR,BUS REACTOR-1 AT BIKANER	SVRD	09/09/22	10:21:00	10/09/22	15:14:00	1.20	0.00	0.00	0.00	28.88		* BR opened on voltage regulation. Voltage=398kV.
BSR	125MVAR,BUS REACTOR-1 AT BIKANER	SVRD	28/09/22	09:21:00	28/09/22	16:42:00	0.31	0.00	0.00	0.00	7.35		* BR opened on voltage regulation. Voltage=395KV
							14.63	0.00	0.00	0.00	351.36	100.00	
BSR	330MVAR,BUS REACTOR-1 AT BIKANER	SVRD	14/09/22	09:55:00	14/09/22	14:36:00	0.20	0.00	0.00	0.00	4.68		* BR opened on voltage regulation. Voltage=764KV
BSR	330MVAR,BUS REACTOR-1 AT BIKANER	SVRD	07/09/22	09:47:00	07/09/22	13:10:00	0.14	0.00	0.00	0.00	3.38		* BR opened on voltage regulation. Voltage=760kV.
BSR	330MVAR,BUS REACTOR-1 AT BIKANER	SVRD	06/09/22	10:10:00	06/09/22	15:07:00	0.21	0.00	0.00	0.00	4.95		* BR opened on voltage regulation. V-755KV.
BSR	330MVAR,BUS REACTOR-1 AT BIKANER	SVRD	08/09/22	09:58:00	08/09/22	13:06:00	0.13	0.00	0.00	0.00	3.13		* BR opened on voltage regulation.V-762KV

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 RECTOR-3 AT HISAR	SVRD	01/09/22	00:00:01	16/09/22	05:02:00	15.21	0.00	0.00	0.00	365.03		* BR opened on voltage regulation
							15.21	0.00	0.00	0.00	365.03	100.00	
BSR	125MVAR,BUS REACTOR-1 AT JAIPUR SOUTH	SVRD	08/09/22	11:39:00	15/09/22	04:00:00	6.68	0.00	0.00	0.00	160.35		* BR opened on voltage regulation, V=401KV
							6.68	0.00	0.00	0.00	160.35	100.00	
BSR	125MVAR,BUS REACTOR-2 AT JAIPUR SOUTH	SVRD	09/09/22	11:48:00	10/09/22	16:05:00	1.18	0.00	0.00	0.00	28.28		* BR opened on voltage regulation. Voltage=395kV
BSR	125MVAR,BUS REACTOR-2 AT JAIPUR SOUTH	SVRD	01/09/22	10:40:00	01/09/22	16:42:00	0.25	0.00	0.00	0.00	6.03		* BR opened on voltage regulation. Voltage=400kV.
							1.43	0.00	0.00	0.00	34.31	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		
							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		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR,BUS REACTOR-2 AT JHATIKARA	SVRD	04/09/22	23:02:00	11/09/22	16:22:00	6.72	0.00	0.00	0.00	161.33		* BR opened on voltage regulation. V=755KV
BSR	240MVAR,BUS REACTOR-2 AT JHATIKARA	SVRD	02/09/22	12:51:00	04/09/22	17:11:00	2.18	0.00	0.00	0.00	52.33		* BR opened on voltage regulation V=760KV
							8.90	0.00	0.00	0.00	213.66	100.00	
BSR	125MVAR,BUS REACTOR-1 AT JIND	SVRD	01/09/22	00:00:01	22/09/22	06:01:00	21.25	0.00	0.00	0.00	510.02		* Hand tripped on Voltage Regulation. Voltage=395 KV.
							21.25	0.00	0.00	0.00	510.02	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		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-1 AT KANKROLI	SVRD	26/09/22	11:10:00	29/09/22	22:43:00	3.48	0.00	0.00	0.00	83.55		* BR opened on voltage regulation. V=401KV
BSR	125MVAR,BUS REACTOR-1 AT KANKROLI	SVRD	26/09/22	11:10:00	29/09/22	22:43:00	3.48	0.00	0.00	0.00	83.55		* BR opened on voltage regulation. V=401KV
							6.96	0.00	0.00	0.00	167.10	100.00	
BSR	50MVAR,BUS REACTOR-2 AT KANKROLI	SVRD	26/09/22	11:12:00	27/09/22	18:22:00	1.30	0.00	0.00	0.00	31.17		* BR opened on voltage regulation. V=394KV
BSR	50MVAR,BUS REACTOR-2 AT KANKROLI	SVRD	26/09/22	11:12:00	27/09/22	18:22:00	1.30	0.00	0.00	0.00	31.17		* BR opened on voltage regulation. V=402KV
							2.60	0.00	0.00	0.00	62.34	100.00	
BSR	125MVAR,BUS REACTOR-1 AT KOTESHWAR	OSPT	14/09/22	11:48:00	14/09/22	19:06:00	0.30	7.30	0.00	0.00	0.00		* Shutdown for annual maintenance planned works.
BSR	125MVAR,BUS REACTOR-1 AT KOTESHWAR	GGDC	04/09/22	17:37:00	04/09/22	21:10:00	0.15	0.00	0.00	3.55	0.00		* Hand tripped by KHEP due to station voltage loss, cause by fault due to their B-PhLA failure of KHEP-Koteshwar ckt 2
							0.45	7.30	0.00	3.55	0.00	98.98	
BSR	240MVAR,BUS REACTOR-1 AT KOTESHWAR	SVRD	07/09/22	12:03:00	09/09/22	07:24:00	1.81	0.00	0.00	0.00	43.35		* BR opened on voltage regulation. Voltage=760kV.
BSR	240MVAR,BUS REACTOR-1 AT KOTESHWAR	SVRD	01/09/22	13:02:00	01/09/22	17:47:00	0.20	0.00	0.00	0.00	4.75		* BR opened on voltage regulation. Voltage=751kV.
BSR	240MVAR,BUS REACTOR-1 AT KOTESHWAR	SVRD	05/09/22	12:35:00	05/09/22	17:37:00	0.21	0.00	0.00	0.00	5.03		* BR opened on voltage regulation.V=750KV.
							2.22	0.00	0.00	0.00	53.13	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		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	50MVAR,BUS REACTOR-2 AT KOTA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	80MVAR,BUS REACTOR-1 AT KOTPUTLI	SVRD	06/09/22	06:35:00	09/09/22	21:38:00	3.63	0.00	0.00	0.00	87.05		* BR opened on voltage regulation V=402kV
BSR	80MVAR,BUS REACTOR-1 AT KOTPUTLI	SVRD	12/09/22	10:46:00	14/09/22	21:25:00	2.44	0.00	0.00	0.00	58.65		* BR opened on voltage regulation. Voltage=398kV
BSR	80MVAR,BUS REACTOR-1 AT KOTPUTLI	SVRD	11/09/22	11:12:00	11/09/22	15:23:00	0.17	0.00	0.00	0.00	4.18		* BR opened on voltage regulation. Voltage=396kV
BSR	80MVAR,BUS REACTOR-1 AT KOTPUTLI	SVRD	16/09/22	10:58:00	16/09/22	16:06:00	0.21	0.00	0.00	0.00	5.13		* BR opened on voltage regulation.V=398KV.
BSR	80MVAR,BUS REACTOR-1 AT KOTPUTLI	SVRD	10/09/22	10:43:00	10/09/22	15:42:00	0.21	0.00	0.00	0.00	4.98		* BR opened on voltage regulation.Voltage=385KV
BSR	80MVAR,BUS REACTOR-1 AT KOTPUTLI	SVRD	01/09/22	00:00:01	01/09/22	19:11:00	0.80	0.00	0.00	0.00	19.18		* BR opened on voltage regulation
BSR	80MVAR,BUS REACTOR-1 AT KOTPUTLI	SVRD	20/09/22	10:51:00	20/09/22	17:19:00	0.27	0.00	0.00	0.00	6.47		* BR opened on voltage regulation. V=398KV
							7.73	0.00	0.00	0.00	185.64	100.00	
BSR	125MVAR,BUS REACTOR-1 AT KURUKSHETRA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	50MVAR,BUS REACTOR-1 AT MANDOLA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-2 AT MANDOLA	SVRD	03/09/22	10:42:00	16/09/22	04:53:00	12.76	0.00	0.00	0.00	306.18		* BR opened on voltage regulation. Voltage=399kV
							12.76	0.00	0.00	0.00	306.18	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		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-1 AT MANESAR	OSPT	27/09/22	12:47:00	27/09/22	18:33:00	0.24	5.77	0.00	0.00	0.00		* S/D for control signal validation from RTAMC NR-1 after SCADA* upgradation work.
BSR	125MVAR,BUS REACTOR-1 AT MANESAR	SVRD	02/09/22	15:20:00	02/09/22	17:32:00	0.09	0.00	0.00	0.00	2.20		* Shutdown for Control signal validation <-> Modification of OTI/WTI trip Logic.
							0.33	5.77	0.00	0.00	2.20	99.20	
BSR	125MVAR,BUS REACTOR-2 AT MANESAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR,BUS REACTOR-1 AT MEERUT	SVRD	01/09/22	00:00:01	15/09/22	15:25:00	14.64	0.00	0.00	0.00	351.42		* BR opened on voltage regulation.V=758KV.
							14.64	0.00	0.00	0.00	351.42	100.00	
BSR	50MVAR, BUS REACTOR-2 AT MEERUT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-1 AT MEERUT	SVRD	03/09/22	09:55:00	10/09/22	18:14:00	7.35	0.00	0.00	0.00	176.32		* BR opened on voltage regulation.Voltage=400kV
							7.35	0.00	0.00	0.00	176.32	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		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	80MVAR,BUS REACTOR-1 AT NEEMRANA	SVRD	08/09/22	11:33:00	14/09/22	21:44:00	6.42	0.00	0.00	0.00	154.18		* BR opened on voltage regulation, V=403KV
							6.42	0.00	0.00	0.00	154.18	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		
							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	125MVAR,BUS REACTOR-1 AT ROORKEE	SVRD	01/09/22	00:00:01	16/09/22	04:02:00	15.17	0.00	0.00	0.00	364.03		* Hand tripped on Voltage Regulation. Voltage=396 KV.
							15.17	0.00	0.00	0.00	364.03	100.00	
BSR	50MVAR,BUS REACTOR-1 AT SAHARANPUR	SVRD	01/09/22	00:00:01	24/09/22	03:23:00	23.14	0.00	0.00	0.00	555.38		* Hand tripped on Voltage Regulation. Voltage=396 KV.
							23.14	0.00	0.00	0.00	555.38	100.00	
BSR	50MVAR,BUS REACTOR-2 AT SAHARANPUR	SVRD	01/09/22	00:00:01	24/09/22	03:23:00	23.14	0.00	0.00	0.00	555.38		* Hand tripped on Voltage Regulation. Voltage=747 KV.
							23.14	0.00	0.00	0.00	555.38	100.00	
BSR	80MVAR,BUS REACTOR-1 AT SIKAR	SVRD	21/09/22	10:43:00	21/09/22	21:33:00	0.45	0.00	0.00	0.00	10.83		* BR opened on voltage regulation. V=398KV.
BSR	80MVAR,BUS REACTOR-1 AT SIKAR	SVRD	11/09/22	11:10:00	11/09/22	15:19:00	0.17	0.00	0.00	0.00	4.15		* BR opened on voltage regulation. Voltage=400kV
BSR	80MVAR,BUS REACTOR-1 AT SIKAR	SVRD	08/09/22	11:28:00	08/09/22	17:02:00	0.23	0.00	0.00	0.00	5.57		* BR opened on voltage regulation, V=403KV
BSR	80MVAR,BUS REACTOR-1 AT SIKAR	SVRD	19/09/22	09:18:00	20/09/22	17:40:00	1.35	0.00	0.00	0.00	32.37		* BR opened on voltage regulation.
BSR	80MVAR,BUS REACTOR-1 AT SIKAR	SVRD	01/09/22	00:00:01	01/09/22	19:09:00	0.80	0.00	0.00	0.00	19.15		* BR opened on voltage regulation. Voltage=395kV.
BSR	80MVAR,BUS REACTOR-1 AT SIKAR	SVRD	05/09/22	12:18:00	06/09/22	17:00:00	1.20	0.00	0.00	0.00	28.70		* BR opened on voltage regulation; Sikar: 388 KV
							4.20	0.00	0.00	0.00	100.77	100.00	
BSR	125MVAR,BUS REACTOR-2 AT SIKAR	SVRD	19/09/22	09:11:00	21/09/22	21:34:00	2.52	0.00	0.00	0.00	60.38		* BR opened on voltage regulation.
BSR	125MVAR,BUS REACTOR-2 AT SIKAR	SVRD	10/09/22	10:46:00	10/09/22	15:37:00	0.20	0.00	0.00	0.00	4.85		* BR opened on voltage regulation. Voltage=398KV.
BSR	125MVAR,BUS REACTOR-2 AT SIKAR	SVRD	16/09/22	10:53:00	18/09/22	15:44:00	2.20	0.00	0.00	0.00	52.85		* BR opened on voltage regulation.V=398KV.
BSR	125MVAR,BUS REACTOR-2 AT SIKAR	SVRD	05/09/22	06:02:00	06/09/22	16:32:00	1.44	0.00	0.00	0.00	34.50		* BR opened on voltage regulation-405KV
BSR	125MVAR,BUS REACTOR-2 AT SIKAR	SVRD	09/09/22	11:34:00	09/09/22	17:37:00	0.25	0.00	0.00	0.00	6.05		* BR opened on voltage regulation. Voltage=390kV
BSR	125MVAR,BUS REACTOR-2 AT SIKAR	SVRD	07/09/22	10:39:00	07/09/22	16:45:00	0.25	0.00	0.00	0.00	6.10		* BR opened on voltage regulation. Voltage=395kV.
BSR	125MVAR,BUS REACTOR-2 AT SIKAR	SVRD	08/09/22	10:07:00	08/09/22	17:03:00	0.29	0.00	0.00	0.00	6.93		* BR opened on voltage regulation, V=401KV
BSR	125MVAR,BUS REACTOR-2 AT SIKAR	SVRD	11/09/22	11:08:00	11/09/22	15:17:00	0.17	0.00	0.00	0.00	4.15		* BR opened on voltage regulation. Voltage=398kV
BSR	125MVAR,BUS REACTOR-2 AT SIKAR	SVRD	01/09/22	10:37:00	01/09/22	16:45:00	0.26	0.00	0.00	0.00	6.13		* BR opened on voltage regulation. Voltage=393kV.* sv
							7.58	0.00	0.00	0.00	181.94	100.00	
BSR	125MVAR,BUS REACTOR-1 AT SONIPAT	SVRD	01/09/22	00:00:01	23/09/22	03:58:00	22.17	0.00	0.00	0.00	531.97		* Hand tripped on Voltage Regulation. Voltage=398 KV.
							22.17	0.00	0.00	0.00	531.97	100.00	
BSR	125MVAR,BUS REACTOR-2 AT SONIPAT	SVRD	08/09/22	12:28:00	16/09/22	03:35:00	7.63	0.00	0.00	0.00	183.12		* BR opened on voltage regulation, V=403KV
							7.63	0.00	0.00	0.00	183.12	100.00	
BSR	125MVAR,BUS REACTOR-1 AT TUGHLAKABAD	SVRD	03/09/22	10:55:00	16/09/22	04:23:00	12.73	0.00	0.00	0.00	305.47		* BR opened on voltage regulation. Voltage=397kV
							12.73	0.00	0.00	0.00	305.47	100.00	
CKT	220kV ANTA(NTPC)-BHILWARA(RRVPNL)-1			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 ANTA(NTPC)-BHILWARA(RRVPNL)-2			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 ANTA(NTPC)-LALSOT(RRVPNL)	LCSD	12/09/22	09:50:00	23/09/22	19:44:00	11.41	0.00	0.00	0.00	273.90		* Shutdown for Line diversion work to clear the ROW for Delhi Mumbai expressway. Continuous shutdown upto 22.09.2022.
							11.41	0.00	0.00	0.00	273.90	100.00	
CKT	220kV ANTA(NTPC)-RAPPC(NPCIL)			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 ANTA(NTPC)-SAWAI MADHOPUR(RRVPNL)	OMSU	10/09/22	15:02:00	10/09/22	17:23:00	0.10	0.00	2.35	0.00	0.00		* Tripped at Anta end only due to A/R problem and auto reclosed from Sawaimadhopur end during R-N fault. FLR: Anta-3.025KM/Zone-I/9.40= 9KA/R-N.
							0.10	0.00	2.35	0.00	0.00	100.00	
CKT	220kV BASSI-IG NAGAR(RRVPNL)	OSFT	15/09/22	12:16:00	15/09/22	20:52:00	0.36	8.60	0.00	0.00	0.00		* Forced shutdown to repair damaged earth wire at loc.no-721.
CKT	220kV BASSI-IG NAGAR(RRVPNL)	OSPD	07/09/22	12:49:00	07/09/22	17:29:00	0.19	0.00	0.00	0.00	4.67		* Shutdown by RVPNL for line maintenance works.
							0.55	8.60	0.00	0.00	4.67	98.81	
CKT	220kV BASSI-BAGRU(RRVPNL)	OSFT	15/09/22	12:36:00	15/09/22	20:54:00	0.35	8.30	0.00	0.00	0.00		* Forced shutdown to repair damaged earth wire at loc.no-721.
CKT	220kV BASSI-BAGRU(RRVPNL)	OSPD	04/09/22	09:26:00	04/09/22	15:32:00	0.25	0.00	0.00	0.00	6.10		* Line taken under shutdown by RRVPN For quarterly maintenance work.
							0.60	8.30	0.00	0.00	6.10	98.85	
CKT	220kV DAUSA(RRVPNL)-BASSI-1			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-2	OSPD	01/09/22	00:00:01	09/09/22	16:01:00	8.67	0.00	0.00	0.00	208.02		* Shutdown by RRVPNL for erection <-><->> commissioning work of new 245KV CGL make CB at their Dausa end. S/D upto 28.08.2022.
							8.67	0.00	0.00	0.00	208.02	100.00	
CKT	220kV FGPP(NTPC)-PALLA(HVPNL)-1	SBBU	09/09/22	00:16:00	09/09/22	01:50:00	0.07	0.00	1.57	0.00	0.00		* Tripped only from Palla (HVPNL) on BusBar protection due to R-ph PT* failure of 220 kV Bus-1 at 220 KV Palla S/S and remain charged from* Faridabad (NTPC) end. Restored on 220kV Bus-2 at Palla S/S.
CKT	220kV FGPP(NTPC)-PALLA(HVPNL)-1	OMSU	01/09/22	13:51:00	01/09/22	17:21:00	0.15	0.00	3.50	0.00	0.00		* Line tripped on R-N fault during online OPGW stringing work by* HVPNL.Non Auto mode of line approved by NRLDC for their system* strengthening. FLR:FGPP-10.90 KM/Zone-1, Palla-5.714 KM/ 5.17 KA.
							0.22	0.00	5.07	0.00	0.00	100.00	
CKT	220kV FGPP(NTPC)-PALLA(HVPNL)-2	SBBU	09/09/22	00:16:00	09/09/22	01:50:00	0.07	0.00	1.57	0.00	0.00		* Tripped only from Palla (HVPNL) on BusBar protection due to R-ph PT* failure of 220 kV Bus-1 at 220 kV Palla S/S and remain charged from* Faridabad (NTPC) end. Restored on 220kV Bus-2 at Palla S/S.
							0.07	0.00	1.57	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	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	OSPD	02/09/22	09:14:00	02/09/22	10:57:00	0.07	0.00	0.00	0.00	0.00	1.72	* Shutdown by HVPNL for maintenance work at their Sec-58 end.
							0.07	0.00	0.00	0.00	0.00	1.72	100.00
CKT	220KV-FGPP NTPC-SEC 58(HVPNL)-2	OSPD	02/09/22	12:00:00	02/09/22	13:53:00	0.08	0.00	0.00	0.00	0.00	1.88	* Shutdown by HVPNL for maintenance work at their Sec-58 end.
							0.08	0.00	0.00	0.00	0.00	1.88	100.00
CKT	220kV HISAR-HISAR(HVPNL)-1	OSPT	08/09/22	11:00:00	08/09/22	18:25:00	0.31	7.42	0.00	0.00	0.00	0.00	* Shutdown for applying insulation sleeve on bottom conductor between span of 01-02 and replacing insulator at Loc-42.
CKT	220kV HISAR-HISAR(HVPNL)-1	LART	02/09/22	21:26:00	02/09/22	21:26:00	0.00	0.00	0.00	0.00	0.00	0.00	* Auto-reclose successfully on R-N fault.FLR:Hisar PG:9.785 KM/ 11.35kA= ,Hisar I/A:1.098 KM/ 14.6kA.Fault under Hisar TL jurisdiction.
							0.31	7.42	0.00	0.00	0.00	0.00	98.97
CKT	220kV HISAR-HISAR(HVPNL)-2	OSPT	08/09/22	11:00:00	08/09/22	18:25:00	0.31	7.42	0.00	0.00	0.00	0.00	* Shutdown for applying insulation sleeve on bottom conductor between span of 01-02 of the line.
CKT	220kV HISAR-HISAR(HVPNL)-2	OMSU	29/09/22	05:21:00	29/09/22	12:18:00	0.29	0.00	6.95	0.00	0.00	0.00	* Line tripped only from Hisar(IA) end due to some problem in their control* cable. Line remain charged from Hisar(PG).
							0.60	7.42	6.95	0.00	0.00	0.00	98.96
CKT	220kV IG NAGAR(RRVPNL)-HIRAPURA(RRVPNL)	OMSU	30/09/22	05:08:00	30/09/22	08:15:00	0.13	0.00	3.12	0.00	0.00	0.00	* Line tripped due to R phase CT blast of 220kV Heerapura-Niwana line at Heerapura belonging to RRVPNL.
CKT	220kV IG NAGAR(RRVPNL)-HIRAPURA(RRVPNL)	OSPD	08/09/22	11:57:00	08/09/22	17:25:00	0.23	0.00	0.00	0.00	0.00	5.47	* Shutdown by RRVPNL for quartererly maintenance of bay equipments at IG Nagar.
							0.36	0.00	3.12	0.00	0.00	5.47	100.00
CKT	220kV LALSOT(RRVPNL)-DAUSA(RRVPNL)	OSPD	08/09/22	10:05:00	08/09/22	13:00:00	0.12	0.00	0.00	0.00	0.00	2.92	* Shutdown by RVPNL for line maintenance works.
							0.12	0.00	0.00	0.00	0.00	2.92	100.00
CKT	220kV MANSROVAR(RRVPNL)-HIRAPURA(RRVP)			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	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	0.00	0.00	100.00
CKT	220kV MEERUT-MODIPURAM(UPPTCL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	0.00	
							0.00	0.00	0.00	0.00	0.00	0.00	100.00
CKT	220kV MEERUT-NARA(UPPTCL)	LART	21/09/22	12:37:00	21/09/22	12:37:00	0.00	0.00	0.00	0.00	0.00	0.00	* Line successfully A/R on Y- N fault at 12:37hrs/21.09.2. Meerut: 9.018kA, 5.605km. Fault under UPPCL jurisdiction.
CKT	220kV MEERUT-NARA(UPPTCL)	OSPD	19/09/22	08:26:00	19/09/22	15:06:00	0.28	0.00	0.00	0.00	0.00	6.67	* Sd taken by UPPCL for line amp.
CKT	220kV MEERUT-NARA(UPPTCL)	LART	18/09/22	07:30:00	18/09/22	07:30:00	0.00	0.00	0.00	0.00	0.00	0.00	* Line A/R successfully on B-N fault. Meerut: 7.733kA, 20.865km, Fault* under UPPCL jurisdiction
CKT	220kV MEERUT-NARA(UPPTCL)	LART	13/09/22	09:14:00	13/09/22	09:14:00	0.00	0.00	0.00	0.00	0.00	0.00	* "Line A/R successfully from both ends. MRT: R-N, 6.477 kA, 27.456KM.* Fault in UPPTCL Jurisdiction."
CKT	220kV MEERUT-NARA(UPPTCL)	LART	16/09/22	13:55:00	16/09/22	13:55:00	0.00	0.00	0.00	0.00	0.00	0.00	* Autoreclosure successful during B-N fault. Meerut : 5.969KA /28.85KM, Nara- 4.62KM. Fault under UPPCL jurisdiction.
CKT	220kV MEERUT-NARA(UPPTCL)	OSPD	10/09/22	06:32:00	10/09/22	10:03:00	0.15	0.00	0.00	0.00	0.00	3.52	* Line shutdown by UPPCL for repairing of R-phase PT at Nara end.
							0.43	0.00	0.00	0.00	0.00	10.19	100.00
CKT	220kV MEERUT-SHATABDINAGAR(UPPTCL)	LART	18/09/22	10:42:00	18/09/22	10:42:00	0.00	0.00	0.00	0.00	0.00	0.00	* Auto reclosure successfully on B-N fault.FLR- Meerut: 7.733kA,* 20.865km, Fault under UPPCL jurisdiction.
CKT	220kV MEERUT-SHATABDINAGAR(UPPTCL)	OSPD	02/09/22	09:30:00	02/09/22	15:15:00	0.24	0.00	0.00	0.00	0.00	5.75	* Shutdown by UPPCL for maintenance work at their Shatabdi Nagar end and replacement of punctured polymer insulator at location no. 66 of B phase, removal of nests and other maintenance work in their line portion.
							0.24	0.00	0.00	0.00	0.00	5.75	100.00
CKT	220kV MEERUT-SIMBHOLI(UPPTCL)	OSFD	29/09/22	10:30:00	29/09/22	19:10:00	0.36	0.00	0.00	0.00	0.00	8.67	* Forced shutdown by UPPCL to attend hotspot in R-ph line side isolator at Simbholi end and replacement of damaged polymer insulators at various locations.
CKT	220kV MEERUT-SIMBHOLI(UPPTCL)	LART	23/09/22	22:13:00	23/09/22	22:13:00	0.00	0.00	0.00	0.00	0.00	0.00	* Auto reclosed successfully on R-N fault. Meerut: 47.127km, 4.24kA <(>&< Simbhawli: 6.1km, 8.3kA. Fault under UPPCL jurisdiction.
							0.36	0.00	0.00	0.00	0.00	8.67	100.00
CKT	220kV RAPPB(NPCIL)-CHITTORGARH(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	0.00	0.00	100.00
CKT	220kV RAPPB(NPCIL)-CHITTORGARH(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	0.00	0.00	100.00
CKT	220kV RAPPB(NPCIL)-RAPPB(NPCIL)	OSFD	28/09/22	10:25:00	28/09/22	20:45:00	0.43	0.00	0.00	0.00	0.00	10.33	* Forced Shutdown by RAPPB to attend hotspot in jumper of their* LILO tower number 2.

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 BAGPAT-MEERUT-2	OMSU	18/09/22	11:19:00	21/09/22	21:10:00	3.41	0.00	81.85	0.00	0.00		* Line tripped on R-G fault due to kite thread infringement at Loc no-62.* Baghpat: 12.346kA, 23.919kM Meerut: 11.04kA, 30.62kM. Forced SD* taken due to problem observed in R phase Main CB 407 GIS* compartment at Baghpat during unsuccessful auto reclosure. Expected* revival date-21.09.2022
							3.41	0.00	81.85	0.00	0.00	100.00	
CKT	400kV BAGPAT-SAHARANPUR	SBBT	18/09/22	11:19:00	18/09/22	15:37:00	0.18	4.30	0.00	0.00	0.00		* Tripped on bus bar differential protection due to high SO2 content in R* phase compartment of 400kV Baghpat-Meerut-2 line at Baghpat end* while auto-recloser of the line
							0.18	4.30	0.00	0.00	0.00	99.40	
CKT	400kV BALLABHGARH-NAVADA(HVPNL)			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 BASSI-HIRAPURA(RRVPNL)-1	LVRD	21/09/22	18:47:00	21/09/22	20:15:00	0.06	0.00	0.00	0.00	1.47		* Line opened on voltage regulation. Bassi-405kV.
							0.06	0.00	0.00	0.00	1.47	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	
							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	
							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	
							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	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BASSI-PHAGI(RRVPNL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BEAWAR(SREE CEMENT)-MERTA(RRVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							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	
							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	
							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	
							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	
							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	
							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	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV-BHADLA(PG) R-BHADLA2-1			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-BHADLA(PG) R-BHADLA2-2			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 BASSI-BHIWADI-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 BHIWADI-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	
CKT	400kV BHIWADI-NEEMRANA-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 BHIWADI-NEEMRANA-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 BHIWANI(BBMB)-BHIWANI			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 BHIWANI-JIND-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 BHIWANI-JIND-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 BHIWANI-KABULPUR(HVPNL)	OMSU	25/09/22	06:25:00	25/09/22	12:36:00	0.26	0.00	6.18	0.00	0.00		* Tripped from Kabulpur end only due to CB protection problem and line remained charged from Bhiwani end.Synchronized after testing and rectification of protection problem at Kabulpur(HVPNL) end.
							0.26	0.00	6.18	0.00	0.00		* Line tripped on DT receive at Bhiwani end.
CKT	400kV BHIWANI-KABULPUR(HVPNL)	OMSU	25/09/22	06:25:00	25/09/22	12:36:00	0.52	0.00	12.36	0.00	0.00	100.00	
							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	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BIKANER-BHADLA(RRVPNL)	OSPD	03/09/22	18:31:00	03/09/22	21:46:00	0.14	0.00	0.00	0.00	3.25		* Shutdown by RRVPNL for tightening of Jumpers at various Locations in their portion of the line.
							0.17	0.00	0.00	0.00	3.97		* Shutdown by RRVPNL for line maintenance works under their jurisdiction.
CKT	400kV BIKANER-BHADLA(RRVPNL)	OSPD	08/09/22	17:34:00	08/09/22	21:32:00	0.17	0.00	0.00	0.00	3.97		

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 BIKANER-BHADLA(RRVPNL)	OSPD	07/09/22	18:17:00	07/09/22	21:22:00	0.13	0.00	0.00	0.00	3.08		* Shutdown by RRVPNL for attending Jumper Nut Bolt Tightening work at various Locations.
CKT	400kV BIKANER-BHADLA(RRVPNL)	OSPD	04/09/22	18:08:00	04/09/22	21:41:00	0.15	0.00	0.00	0.00	3.55		* Shutdown by RRVPNL for jumper tightening at various location in their portion.
CKT	400kV BIKANER-BHADLA(RRVPNL)	OSPD	02/09/22	17:04:00	02/09/22	20:46:00	0.15	0.00	0.00	0.00	3.70		* Shutdown by RRVPNL for line maintenance work in their portion.
CKT	400kV BIKANER-BHADLA(RRVPNL)	OSPD	09/09/22	17:47:00	09/09/22	22:42:00	0.21	0.00	0.00	0.00	4.92		* Shutdown by RVPN for line maintenance works as Jumper* tightening, loose / missed Nut Bolt fixing etc at various locations* under their jurisdiction.
							0.95	0.00	0.00	0.00	22.47	100.00	
CKT	400kV BIKANER-BIKANER(RRVPNL)	OSPD	06/09/22	19:05:00	06/09/22	21:56:00	0.12	0.00	0.00	0.00	2.85		* Shutdown by RRVPNL for line maintenance work in their portion.
CKT	400kV BIKANER-BIKANER(RRVPNL)	OSFT	02/09/22	19:30:00	03/09/22	04:21:00	0.37	8.85	0.00	0.00	0.00		* Forced Shutdown to attend hot spot in S-<(>&<)-S Make Line isolators (R,Y= <(>&<)-B Phases of 409-89L) at Bikaner PG end.
							0.49	8.85	0.00	0.00	2.85	98.77	
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	OSPD	08/09/22	10:49:00	08/09/22	18:32:00	0.32	0.00	0.00	0.00	7.72		* Shutdown by DTL for preventive maintenance works at Bamnoli end.
							0.32	0.00	0.00	0.00	7.72	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	
							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	
							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	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV CHITTORGARH-CHITTORGARH(RRVPNL)	LVRD	28/09/22	04:14:00	28/09/22	09:01:00	0.20	0.00	0.00	0.00	4.78		* Line opened on voltage regulation-416KV
							0.20	0.00	0.00	0.00	4.78	100.00	
CKT	400kV DADRI(NTPC)-GREATER NOIDA(UPPTCL)	OSPD	14/09/22	11:41:00	14/09/22	15:57:00	0.18	0.00	0.00	0.00	4.27		* Shutdown by UPPCL for bay maintenance works at Gr. Noida end.
							0.18	0.00	0.00	0.00	4.27	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	
							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	
							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	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV DADRI(NTPC)-MURADNAGAR(UPPTCL)	SBBU	07/09/22	21:45:00	07/09/22	23:24:00	0.07	0.00	1.65	0.00	0.00		* Tripped on Bus Bar protection at Muradnagar II (UP). B-N fault in 400kV Mathura(UP)-Muradnagar II (UP) line [3.934kA, 58.596 kM] initiated LBB protection <(>&<)-> tripping of 400kV BB-1<(>&<)-2 at Muradnagar II (UP).
CKT	400kV DADRI(NTPC)-MURADNAGAR(UPPTCL)	LCSD	21/09/22	09:47:00	25/09/22	21:34:00	4.49	0.00	0.00	0.00	107.78		* Shutdown for construction of LILO of 400 KV D/C Muradnagar-Simbhavali Transmission Line Transmission Line(under PMSTL TBCB project.
CKT	400kV DADRI(NTPC)-MURADNAGAR(UPPTCL)	OSFD	26/09/22	07:03:00	26/09/22	17:08:00	0.42	0.00	0.00	0.00	10.08		* Line hand tripped by UPPCL due to sparking in 405 bay at Muradnagar end and Forced SD taken by UPPCL for attend the same. Vide NR-4334
							4.98	0.00	1.65	0.00	117.86	100.00	
CKT	400kV DADRI(NTPC)-PANIPAT(BBMB)-1	LART	19/09/22	02:20:00	19/09/22	02:20:00	0.00	0.00	0.00	0.00	0.00		* Line A/R successfully FLR- Panipat: B-N fault, 59.91km, 4.011kA <(>&<)->* Dadri: R-N fault, 5.74kA, 41.75km .Fault under Meerut TL jurisdiction.
CKT	400kV DADRI(NTPC)-PANIPAT(BBMB)-1	LART	16/09/22	19:48:00	16/09/22	19:48:00	0.00	0.00	0.00	0.00	0.00		* Auto reclose successful. Dadri: R-N, Z1, 62.73kM, 4.48kA; Panipat: B-N, Z1, 36.25kM, 5.3kA. Fault under Sonapat TLM Jurisdiction.
CKT	400kV DADRI(NTPC)-PANIPAT(BBMB)-1	LART	22/09/22	23:06:00	22/09/22	23:06:00	0.00	0.00	0.00	0.00	0.00		* Line A/R successfully at 2306 hrs/22.09.2022. Dadri-Z-1/B-Ph/14.56KM/7.726KA, Panipat- A-N/2.934KA/86.10KM. Fault under Dadri TL jurisdiction
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV DADRI(NTPC)-PANIPAT(BBMB)-2	OSFT	10/09/22	20:48:00	10/09/22	21:36:00	0.03	0.80	0.00	0.00	0.00		* Forced shutdown to isolate Tie (403) Bay of line at Dadri NTPC end due to CB lockout alarm.
							0.03	0.80	0.00	0.00	0.00	99.89	
CKT	400kV DEHRADUN-ABDULLAPUR-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 DEHRADUN-ABDULLAPUR-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-DWARKA-BAMNAULI-CKT1	OSFT	03/09/22	15:54:00	03/09/22	19:23:00	0.15	3.48	0.00	0.00	0.00		* ESD taken by Dwarka for urgent rectification of SF6 gas leakage in compartment(Y-phase towards line side after line isolator) to be attend at Dwarka GIS.

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-DWARKA-BAMNAUL-CKT1	OSPD	21/09/22	09:24:00	21/09/22	16:44:00	0.31	0.00	0.00	0.00	7.33		* Shutdown by DTL for General Maintenance <(>&<)> replacement of dropper conductor at gantry at Bamanuil. S/D extended upto 1800 hrs of 22.09.2022 by Dwarka(PG) due to high CRM value in R-ph between 406-89LE and 405-89TE1 at Dwarka end.
CKT	400KV-DWARKA-BAMNAUL-CKT1	OSFT	21/09/22	16:42:00	24/09/22	22:49:00	3.26	78.12	0.00	0.00	0.00		* Forced S/D by Dwarka(PG) due to high CRM value in R-ph between 406-89LE and 405-89TE1 at Dwarka end. S/D upto 1800 hrs of 22.09.2022.
							3.72	81.60	0.00	0.00	7.33	88.67	
CKT	400kV FATEHABAD-HISAR	LCSD	17/09/22	08:37:00	17/09/22	22:35:00	0.58	0.00	0.00	0.00	13.97		* Shutdown taken for bypassing of 400KV FATEHABAD-HISAR <(>&<)> 400KV HISAR-BHIWANI(BBMB) at Hisar end under SS-34. Shutdown approved in 3rd Meeting of Standing committee on Power System Planning of Northern Region dated 24th May, 2019 at serial number 30.1(b) <(>&<)>
							0.58	0.00	0.00	0.00	13.97	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		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV GURGAON-BALLABHGARH	OSPT	21/09/22	10:14:00	21/09/22	21:28:00	0.47	11.23	0.00	0.00	0.00		* Shutdown for annual maintenance planned works in line.
							0.47	11.23	0.00	0.00	0.00	98.44	
CKT	400kV GURGAON-BHIWADI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV GURGAON-SOHNA(STERLITE)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV GURGAON-SOHNA(STERLITE)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV HAPUR(UPPTCL)-MURADNAGAR(UPPTCL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV HISAR-BHIWADI-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV HISAR-BHIWADI-2	OSFT	03/09/22	14:32:00	03/09/22	15:39:00	0.05	1.12	0.00	0.00	0.00		* ESD taken by Bhiwadi to attend the misalignment issue of Main Bay(of 400KV Bhiwadi-Hisar-2) 428-89B R phase Isolator at Bhiwadi S/S
							0.05	1.12	0.00	0.00	0.00	99.84	
CKT	400kV HISAR-BHIWADI-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	
CKT	400kV HISAR-BHIWANI(BBMB)	LCSD	17/09/22	08:47:00	17/09/22	22:42:00	0.58	0.00	0.00	0.00	13.92		* Shutdown taken for bypassing of 400KV FATEHABAD-HISAR <(>&<)> 400KV HISAR-BHIWANI(BBMB) at Hisar end under SS-34. Shutdown approved in 3rd Meeting of Standing committee on Power System Planning of Northern Region dated 24th May, 2019 at serial number 30.1(b) <(>&<)>
							0.58	0.00	0.00	0.00	13.92	100.00	
CKT	400KV-HISAR-BHIWANI-1	LCSD	13/09/22	08:42:00	13/09/22	23:16:00	0.61	0.00	0.00	0.00	14.57		* Shutdown taken for bypassing of 400KV Moga Hisar 1 <(>&<)> Hisar Bhiwani 1 at Hisar end under SS-34. Shutdown approved in 39th Meeting of Standing committee on Power System Planning of Northern Region dated 29-30th May, 2017 at serial number 26.11(b) on page nu
							0.61	0.00	0.00	0.00	14.57	100.00	
CKT	400KV-HISAR-BHIWANI-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-HISAR-BHIWANI-3	LCSD	09/09/22	10:06:00	09/09/22	19:29:00	0.39	0.00	0.00	0.00	9.38		* Shutdown for by pass arrangement work at Bhiwani. Shutdown* approved in 39th Meeting of Standing committee on Power* System Planning of Northern Region dated 29-30th May, 2017 at* serial number 26.11(b) on page number 39
							0.39	0.00	0.00	0.00	9.38	100.00	
CKT	400kV JAIPUR SOUTH-KOTA			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 JAIPUR SOUTH-RAPPD(NPCIL)	OSPT	30/09/22	10:26:00	30/09/22	11:21:00	0.04	0.92	0.00	0.00	0.00		* SD taken for taking non switchable line reactor at Jaipur South end out of service for its AMP.
CKT	400kV JAIPUR SOUTH-RAPPD(NPCIL)	OSPT	30/09/22	18:00:00	30/09/22	18:27:00	0.02	0.45	0.00	0.00	0.00		* SD taken for taking non switchable line reactor at Jaipur South end in service.
							0.06	1.37	0.00	0.00	0.00	99.81	
CKT	400kV JHATIKARA-BAMNOLI(DTL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV JHATIKARA-BAMNOLI(DTL)-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	

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-JHATIKARA-DWARKA-CKT1	OMSU	12/09/22	16:17:00	12/09/22	16:47:00	0.02	0.00	0.50	0.00	0.00		* Line tripped only from Dwarka on multiple direct trip signal generated at Dwarka due to DTTC malfunction during shutdown of 400KV Jh= atikara-Barnoli line by DTL.
							0.02	0.00	0.50	0.00	0.00	100.00	
CKT	400kv JHATIKARA-MUNDKA(DTL)-1	OSFD	01/09/22	06:59:00	01/09/22	11:12:00	0.18	0.00	0.00	0.00	4.22		* Forced Shutdown by DTL to attend Hot point on R-phase line isolator clamp at Mundka end.
CKT	400kv JHATIKARA-MUNDKA(DTL)-1	SEFU	05/09/22	19:16:00	05/09/22	21:23:00	0.09	0.00	2.12	0.00	0.00		* Line tripped only from Jhatikara end on R-Y fault during disturbance at Mundka DTL Switchyard. Tripping of ICTs <(>&<)> fire incident at Mundka end.
							0.27	0.00	2.12	0.00	4.22	100.00	
CKT	400kv JHATIKARA-MUNDKA(DTL)-2	SEFU	05/09/22	19:16:00	05/09/22	21:24:00	0.09	0.00	2.13	0.00	0.00		* Line tripped only from Jhatikara end on R-Y fault during disturbance at Mundka DTL Switchyard. Tripping of ICTs <(>&<)> fire incident at Mundka end.
							0.09	0.00	2.13	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		
							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		
							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		
							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		
							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		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kv KOTA-MERTA(RRVPNL)	OSPT	14/09/22	09:39:00	14/09/22	20:02:00	0.43	10.38	0.00	0.00	0.00		* Emergency shutdown by RAPPC end to replace 'Stub Protection Relay'.
CKT	400kv KOTA-MERTA(RRVPNL)	OSPT	15/09/22	10:09:00	15/09/22	18:31:00	0.35	8.37	0.00	0.00	0.00		* Shutdown for line maintenance works such as grading ring, arching horn, hardware fitting nut bolt tightening etc.
							0.78	18.75	0.00	0.00	0.00	97.40	
CKT	400kv KOTPUTLI-BASSI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV-KOTESHWAR(UK)-KOTESHWAR-1	SBBU	04/09/22	17:37:00	04/09/22	20:56:00	0.14	0.00	3.32	0.00	0.00		* Tripped only at KHEP end on Bus bar protection caused due to failure of B-Ph LA of ckt-2 at KHEP end. The line remain charged from Koteswar PG end. Bays at Koteswar KHEP end owned by them.
							0.14	0.00	3.32	0.00	0.00	100.00	
CKT	400KV-KOTESHWAR(UK)-KOTESHWAR-2	SEFU	04/09/22	17:37:00	10/09/22	19:03:00	6.06	0.00	145.43	0.00	0.00		* Tripped due to B-Phase LA failure (Burst) of the line at Koteswar KHEP end. Bays at Koteswar KHEP end owned by them.
							6.06	0.00	145.43	0.00	0.00	100.00	
CKT	400kv KOTESHWAR-TEHRI(THDC)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kv KOTESHWAR-TEHRI(THDC)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kv MANESAR-SOHNA(STERLITE)-1	OSPT	30/09/22	09:31:00	30/09/22	22:11:00	0.53	12.67	0.00	0.00	0.00		* Shutdown for control signal validation from RTAMC <(>&<)> LOCAL after SCADA upgradation work.
							0.53	12.67	0.00	0.00	0.00	98.24	
CKT	400kv MANESAR-SOHNA(STERLITE)-2	OSPT	30/09/22	16:45:00	30/09/22	19:43:00	0.12	2.97	0.00	0.00	0.00		* Shutdown for control signal validation from RTAMC <(>&<)> LOCAL after SCADA upgradation work.
							0.12	2.97	0.00	0.00	0.00	99.59	
CKT	400kv MAHARANIBAGH-BALLABHGARH	OSFT	23/09/22	10:29:00	23/09/22	13:16:00	0.12	2.78	0.00	0.00	0.00		* Forced shutdown to attend defective hydraulic drive of GIS CB of the line at Maharaniabagh.
							0.12	2.78	0.00	0.00	0.00	99.61	
CKT	400KV-MBAGH-BAWANA-AC-CKT1	OMSU	19/09/22	16:54:00	19/09/22	20:03:00	0.13	0.00	3.15	0.00	0.00		* Line tripped on R-Y fault due to kite thread. FLR: Maharaniabagh: 21kA/9KM, Bawana: 9.75kA/36.29KM.
CKT	400KV-MBAGH-BAWANA-AC-CKT1	OMSU	28/09/22	02:15:00	28/09/22	03:34:00	0.06	0.00	1.32	0.00	0.00		* Line auto reclose from Maharaniabagh end <(>&<)> tripped at Bawana(DTL) end.* FLR- Maharaniabagh: B-G fault, 10.160KA, 30.137KM. Bawana: 13.12KM.* Fault under DTL Jurisdiction.
							0.19	0.00	4.47	0.00	0.00	100.00	
CKT	400KV-MBAGH-BAWANA-AC-CKT2	OMSU	04/09/22	09:31:00	04/09/22	19:27:00	0.41	0.00	9.93	0.00	0.00		* Tripped on R-Y (Ph-Ph) fault due to kite thread between locaiton 67-68 in multi circuit tower. FLR: 25.96kA, 6.88KM from Maharaniabagh end and 8.98kA, 37.70KM from Bawana end. Forced shutdown availed (NR-597) to remove kite strings.
							0.41	0.00	9.93	0.00	0.00	100.00	
CKT	400KV-MBAGH-MANDOLA-AC-CKT1	LCSD	24/09/22	09:38:00	26/09/22	22:36:00	2.54	0.00	0.00	0.00	60.97		* Shutdown for connection of existing Bus-Bar with new installed Bus -Bar for charging of 125MVAR newly installed Reactor. Shutdown by 26.09.2022.

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 ROORKEE-KASHIPUR(PTCUL)-1	OSFT	22/09/22	14:17:00	22/09/22	16:47:00	0.10	2.50	0.00	0.00	0.00		* Forced Shutdown by Roorkee TL for removing kite threads.
CKT	400kV ROORKEE-KASHIPUR(PTCUL)-1	LART	21/09/22	12:18:00	21/09/22	12:18:00	0.00	0.00	0.00	0.00	0.00		* Line successfully A/R on Y-N fault. Roorkee: 4.684kA, 82.422km <-&-> Kashipur: 3.54kA, 93.86km. Fault under Roorkee TL portion.
CKT	400kV ROORKEE-KASHIPUR(PTCUL)-1	LART	18/09/22	11:50:00	18/09/22	11:50:00	0.00	0.00	0.00	0.00	0.00		* Auto reclosure successfully on Y-N fault FLR: Roorkee-79.26KM* /4.610kA.Kashipur-YN/92.2KM/3.624KA. Fault is under Roorkee TL* Jurisdiction.
							0.10	2.50	0.00	0.00	0.00	99.65	
CKT	400kV ROORKEE-KASHIPUR(PTCUL)-2	LART	24/09/22	20:55:00	24/09/22	20:55:00	0.00	0.00	0.00	0.00	0.00		* Auto reclosed successfully on R-G fault; FLR Roorkee (AFAS): 11.047 KA/29.010km/Zone-1 Kashipur: 150KM/2.1KA/Zone-2. Fault under Roorkee TL portion.
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV ROORKEE-MUZAFFARNAGAR(UPPTCL)	LART	26/09/22	22:09:00	26/09/22	22:09:00	0.00	0.00	0.00	0.00	0.00		* Auto reclosed on B-N fault.FLR:Roorkee-68.55 KM/5.60 KA.Fault under PTCUL jurisdiction.
CKT	400kV ROORKEE-MUZAFFARNAGAR(UPPTCL)	LART	26/09/22	22:09:00	26/09/22	22:09:00	0.00	0.00	0.00	0.00	0.00		* Auto reclosed on B-N fault.FLR:Roorkee-68.55 KM/5.60 KA.Fault under PTCUL jurisdiction.
							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		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV ROORKEE-SAHARANPUR-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV SIKAR-BASSI-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV SIKAR-BASSI-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV TUGHLAKABAD-BALLABHGARH-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV TUGHLAKABAD-BALLABHGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV ZERDA(GETCO)-BHINMAL			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV ZERDA(GETCO)-KANKROLI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV AGRA-JHATIKARA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV AJMER-BHADLA2-1	SVRD	21/09/22	22:04:00	22/09/22	08:28:00	0.43	0.00	0.00	0.00	10.40		* Line opened on voltage regulation. Ajmer-800KV.
CKT	765kV AJMER-BHADLA2-1	LVRD	30/09/22	17:46:00	30/09/22	23:59:59	0.26	0.00	0.00	0.00	6.23		* Line opened on voltage regulation Ajmer- 802kV
CKT	765kV AJMER-BHADLA2-1	LVRD	28/09/22	17:44:00	29/09/22	08:55:00	0.63	0.00	0.00	0.00	15.18		* Line opened on voltage regulation. Ajmer-800kV
CKT	765kV AJMER-BHADLA2-1	LVRD	25/09/22	18:04:00	26/09/22	05:55:00	0.49	0.00	0.00	0.00	11.85		* Line opened on voltage regulation. Ajmer=791KV
CKT	765kV AJMER-BHADLA2-1	LVRD	23/09/22	17:58:00	24/09/22	08:55:00	0.62	0.00	0.00	0.00	14.95		* Line opened on voltage regulation; Ajmer-797KV.
CKT	765kV AJMER-BHADLA2-1	LVRD	17/09/22	17:38:00	18/09/22	09:18:00	0.65	0.00	0.00	0.00	15.67		* Line opened on voltage regulation.Ajmer-802kV.
CKT	765kV AJMER-BHADLA2-1	LVRD	12/09/22	17:42:00	13/09/22	09:30:00	0.66	0.00	0.00	0.00	15.80		* Line opened on voltage regulation. Ajmer: 795 KV
CKT	765kV AJMER-BHADLA2-1	LVRD	02/09/22	18:20:00	03/09/22	09:28:00	0.63	0.00	0.00	0.00	15.13		* Line opened on voltage regulation. Ajmer-796kV.
CKT	765kV AJMER-BHADLA2-1	LVRD	01/09/22	00:00:01	01/09/22	09:04:00	0.38	0.00	0.00	0.00	9.07		* Line opened on voltage regulation; Ajmer-796KV.
CKT	765kV AJMER-BHADLA2-1	LVRD	15/09/22	03:46:00	15/09/22	09:28:00	0.24	0.00	0.00	0.00	5.70		* Line opened on voltage regulation. Ajmer-800KV.
CKT	765kV AJMER-BHADLA2-1	GOVC	11/09/22	12:22:00	11/09/22	12:42:00	0.01	0.00	0.00	0.33	0.00		* Tripped on Over voltage protection due to local Grid Disturbance caused by tripping of 220kv Bhadla-HERO solar line and subsequent solar power reduction leading to persistent sharp rise of 765kV system voltage.
							0.64	0.00	0.00	0.00	15.42		* ine opened on voltage regulation. Ajmer-801KV.
							5.64	0.00	0.00	0.33	135.40	100.00	
CKT	765kV AJMER-BHADLA2-2	LVRD	22/09/22	17:23:00	23/09/22	09:24:00	0.67	0.00	0.00	0.00	16.02		* Line opened on voltage regulation. Voltage-797KV
CKT	765kV AJMER-BHADLA2-2	LVRD	29/09/22	22:25:00	30/09/22	09:00:00	0.44	0.00	0.00	0.00	10.58		* Line opened on voltage regulation. Ajmer-800KV.
CKT	765kV AJMER-BHADLA2-2	LVRD	27/09/22	18:00:00	28/09/22	08:42:00	0.61	0.00	0.00	0.00	14.70		* Line opened on voltage regulation. Ajmer-800kV.
CKT	765kV AJMER-BHADLA2-2	LVRD	24/09/22	17:45:00	25/09/22	09:24:00	0.65	0.00	0.00	0.00	15.65		* Line opened on voltage regulation; Ajmer-794KV
CKT	765kV AJMER-BHADLA2-2	LVRD	11/09/22	18:28:00	12/09/22	08:57:00	0.60	0.00	0.00	0.00	14.48		* Line opened on voltage regulation. Ajmer-794kV
CKT	765kV AJMER-BHADLA2-2	LVRD	15/09/22	23:54:00	16/09/22	08:48:00	0.37	0.00	0.00	0.00	8.90		* Line opened on voltage regulation. Ajmer-794KV
CKT	765kV AJMER-BHADLA2-2	LVRD	14/09/22	03:20:00	14/09/22	09:24:00	0.25	0.00	0.00	0.00	6.07		* 65KV AJMER-BHADLA_2 Ckt-II
CKT	765kV AJMER-BHADLA2-2	LVRD	19/09/22	18:17:00	20/09/22	08:51:00	0.61	0.00	0.00	0.00	14.57		* Line opened on voltage regulation. Ajmer-795
CKT	765kV AJMER-BHADLA2-2	LVRD	04/09/22	17:44:00	05/09/22	09:09:00	0.64	0.00	0.00	0.00	15.42		* Line opened on voltage regulation. Ajmer-800KV.
CKT	765kV AJMER-BHADLA2-2	LVRD	10/09/22	16:56:00	11/09/22	09:36:00	0.69	0.00	0.00	0.00	16.67		* Line opened on voltage regulation. Ajmer-802kV
CKT	765kV AJMER-BHADLA2-2	LVRD	01/09/22	16:55:00	02/09/22	08:58:00	0.67	0.00	0.00	0.00	16.05		* Line opened on voltage regulation; Ajmer-805 KV
							6.20	0.00	0.00	0.00	149.11	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	100.00	
CKT	765kV BHADLA-BIKANER-2	OSFT	03/09/22	21:12:00	03/09/22	23:26:00	0.09	2.23	0.00	0.00	0.00		* Forced Shutdown to rectify hardware fitting of line jumper and spacer in the line.
							0.09	2.23	0.00	0.00	0.00	99.69	
CKT	765kV BHIWANI-PHAGI(RRVPNL)-1	LVRD	22/09/22	22:16:00	28/09/22	10:09:00	5.50	0.00	0.00	0.00	131.88		* Line opened on voltage regulation. Bhiwani-795 KV.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-1	LVRD	15/09/22	21:25:00	16/09/22	10:21:00	0.54	0.00	0.00	0.00	12.93		* Line opened on voltage regulation. Bhiwani-794KV.

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
CKT	765kV BHIWANI-PHAGI(RRVPNL)-1	LVRD	17/09/22	18:22:00	18/09/22	09:23:00	0.63	0.00	0.00	0.00	15.02		* Line opened on voltage regulation.Bhiwani-796kV.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-1	LVRD	06/09/22	02:21:00	06/09/22	09:13:00	0.29	0.00	0.00	0.00	6.87		* Line opened on voltage regulation. Bhiwani=786kV
							6.96	0.00	0.00	0.00	166.70	100.00	
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LVRD	16/09/22	23:50:00	17/09/22	12:32:00	0.53	0.00	0.00	0.00	12.70		* Line opened on voltage regulation.bhiwani-785KV.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LVRD	11/09/22	16:28:00	12/09/22	09:03:00	0.69	0.00	0.00	0.00	16.58		* Line opened on voltage regulation. Bhiwani: 792KV
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LVRD	01/09/22	18:46:00	02/09/22	11:14:00	0.69	0.00	0.00	0.00	16.47		* Line opened on voltage regulation; Bhiwani-798 KV
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LVRD	21/09/22	17:07:00	22/09/22	09:31:00	0.68	0.00	0.00	0.00	16.40		* Line opened on voltage regulation. Bhiwani-795kV.
							2.59	0.00	0.00	0.00	62.15	100.00	
CKT	765kV BHIWANI-MEERUT	LVRD	16/09/22	03:15:00	16/09/22	08:54:00	0.24	0.00	0.00	0.00	5.65		* Line opened on voltage regulation. Meerut-795KV.
							0.24	0.00	0.00	0.00	5.65	100.00	
CKT	765kV BHIWANI-MOGA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765KV-BIKANER-BHADLA2-ACL-CKT1	GOVC	11/09/22	12:22:00	11/09/22	13:46:00	0.06	0.00	0.00	1.40	0.00		* Tripped on Over voltage protection due to local Grid Disturbance caused by tripping of 220kv Bhadla-HERO solar line and subsequent solar power reduction leading to persistent sharp rise of 765kV system voltage.
							0.06	0.00	0.00	1.40	0.00	100.00	
CKT	765KV-BIKANER-BHADLA2-ACL-CKT2	LCSD	30/09/22	17:27:00	30/09/22	22:02:00	0.19	0.00	0.00	0.00	4.58		* Shutdown taken for bird divertor installation as per the Supreme Court order.
CKT	765KV-BIKANER-BHADLA2-ACL-CKT2	LCSD	27/09/22	17:44:00	28/09/22	00:12:00	0.27	0.00	0.00	0.00	6.47		* Shutdown taken for bird divertor installation as per the Supreme* Court order
CKT	765KV-BIKANER-BHADLA2-ACL-CKT2	LVRD	26/09/22	22:03:00	27/09/22	07:39:00	0.40	0.00	0.00	0.00	9.60		* Line kept open on voltage regulation. Bhadla_2-782 kv.
CKT	765KV-BIKANER-BHADLA2-ACL-CKT2	LCSD	29/09/22	17:03:00	29/09/22	22:14:00	0.22	0.00	0.00	0.00	5.18		* Shutdown taken for bird divertor installation as per the Supreme Court order.
CKT	765KV-BIKANER-BHADLA2-ACL-CKT2	LCSD	26/09/22	17:30:00	26/09/22	22:03:00	0.19	0.00	0.00	0.00	4.55		* Shutdown for installation of Bird diverters as per Supreme court orders.
CKT	765KV-BIKANER-BHADLA2-ACL-CKT2	LCSD	28/09/22	17:16:00	28/09/22	22:39:00	0.22	0.00	0.00	0.00	5.38		* Shutdown taken for installation of bird divertors as per the* Supreme Court order
							1.49	0.00	0.00	0.00	35.76	100.00	
CKT	765kV BIKANER-MOGA-1	LVRD	01/09/22	00:00:01	01/09/22	08:16:00	0.34	0.00	0.00	0.00	8.27		* Line opened on voltage regulation; Bikaner-798KV
CKT	765kV BIKANER-MOGA-1	LVRD	07/09/22	17:56:00	08/09/22	09:24:00	0.64	0.00	0.00	0.00	15.47		* Line opened on voltage regulation. Voltage-800KV
CKT	765kV BIKANER-MOGA-1	LVRD	05/09/22	17:29:00	06/09/22	09:15:00	0.66	0.00	0.00	0.00	15.77		* Line opened on voltage regulation. Bikaner-797kV.
CKT	765kV BIKANER-MOGA-1	LVRD	14/09/22	17:32:00	15/09/22	08:45:00	0.63	0.00	0.00	0.00	15.22		* Line opened on voltage regulation. Bikaner-798KV.
CKT	765kV BIKANER-MOGA-1	LVRD	04/09/22	18:03:00	05/09/22	09:27:00	0.64	0.00	0.00	0.00	15.40		* Line opened on voltage regulation. Bikaner-795KV.
CKT	765kV BIKANER-MOGA-1	LVRD	16/09/22	17:16:00	17/09/22	09:10:00	0.66	0.00	0.00	0.00	15.90		* Line opened on voltage regulation. Bikaner=801KV
CKT	765kV BIKANER-MOGA-1	LVRD	02/09/22	16:56:00	03/09/22	08:36:00	0.65	0.00	0.00	0.00	15.67		* Line opened on voltage regulation. Bikaner-800kV.
CKT	765kV BIKANER-MOGA-1	LVRD	10/09/22	17:51:00	11/09/22	08:58:00	0.63	0.00	0.00	0.00	15.12		
CKT	765kV BIKANER-MOGA-1	LVRD	18/09/22	17:26:00	19/09/22	08:12:00	0.62	0.00	0.00	0.00	14.77		* Line opened on voltage regulation. BKN-798KV
CKT	765kV BIKANER-MOGA-1	LVRD	30/09/22	21:08:00	30/09/22	23:59:59	0.12	0.00	0.00	0.00	2.87		* Line opened on voltage regulation Bikaner-779KV
CKT	765kV BIKANER-MOGA-1	LVRD	24/09/22	17:08:00	25/09/22	09:44:00	0.69	0.00	0.00	0.00	16.60		* Line opened on voltage regulation; Bkaner-797KV.
CKT	765kV BIKANER-MOGA-1	LVRD	20/09/22	17:02:00	21/09/22	08:18:00	0.64	0.00	0.00	0.00	15.27		* Line opened on voltage regulation. BKN=803KV
CKT	765kV BIKANER-MOGA-1	LVRD	26/09/22	17:35:00	27/09/22	08:58:00	0.64	0.00	0.00	0.00	15.38		* Line opened on voltage regulation. Bikaner-800KV.
CKT	765kV BIKANER-MOGA-1	LVRD	28/09/22	17:02:00	29/09/22	09:38:00	0.69	0.00	0.00	0.00	16.60		* Line opened on voltage regulation. Bikaner-800KV.
CKT	765kV BIKANER-MOGA-1	LVRD	22/09/22	17:13:00	23/09/22	08:56:00	0.66	0.00	0.00	0.00	15.72		* Line opened on voltage regulation. Voltage-797KV
							8.91	0.00	0.00	0.00	214.03	100.00	
CKT	765kV BIKANER-MOGA-2	LVRD	03/09/22	17:45:00	04/09/22	09:10:00	0.64	0.00	0.00	0.00	15.42		* Line opened on voltage regulation. Bikaner-799KV.
CKT	765kV BIKANER-MOGA-2	LVRD	13/09/22	16:42:00	14/09/22	08:54:00	0.68	0.00	0.00	0.00	16.20		* Line opened on voltage regulation. Bikaner-790kV.
CKT	765kV BIKANER-MOGA-2	LVRD	12/09/22	17:06:00	13/09/22	08:58:00	0.66	0.00	0.00	0.00	15.87		* Line opened on voltage regulation. Bikaner: 804 KV
CKT	765kV BIKANER-MOGA-2	LVRD	08/09/22	16:35:00	09/09/22	08:47:00	0.68	0.00	0.00	0.00	16.20		* Line opened on voltage regulation. Bikaner-802KV
CKT	765kV BIKANER-MOGA-2	LVRD	06/09/22	17:59:00	07/09/22	09:02:00	0.63	0.00	0.00	0.00	15.05		* Line opened on voltage regulation. Bikaner-795KV.
CKT	765kV BIKANER-MOGA-2	LVRD	01/09/22	16:46:00	02/09/22	08:04:00	0.64	0.00	0.00	0.00	15.30		* Line opened on voltage regulation; Bikaner-798 KV
CKT	765kV BIKANER-MOGA-2	LVRD	09/09/22	17:08:00	10/09/22	09:37:00	0.69	0.00	0.00	0.00	16.48		* Line opened on voltage regulation. Bikaner-802kV.
CKT	765kV BIKANER-MOGA-2	LVRD	11/09/22	17:26:00	12/09/22	07:58:00	0.61	0.00	0.00	0.00	14.53		* Line opened on voltage regulation. Bikaner: 795 KV
CKT	765kV BIKANER-MOGA-2	LVRD	19/09/22	17:49:00	20/09/22	06:47:00	0.54	0.00	0.00	0.00	12.97		* Line opened on voltage regulation. Bikaner- 800kV
CKT	765kV BIKANER-MOGA-2	LVRD	15/09/22	17:41:00	16/09/22	09:12:00	0.65	0.00	0.00	0.00	15.52		* Line opened on voltage regulation. Bikaner-798KV.
CKT	765kV BIKANER-MOGA-2	LVRD	17/09/22	17:08:00	18/09/22	08:28:00	0.64	0.00	0.00	0.00	15.33		* Line opened on voltage regulation.Bikaner-798KV
CKT	765kV BIKANER-MOGA-2	LVRD	29/09/22	17:27:00	30/09/22	09:26:00	0.67	0.00	0.00	0.00	15.98		* Line opened on voltage regulation. Bikaner- 800 KV.
CKT	765kV BIKANER-MOGA-2	LVRD	21/09/22	16:34:00	22/09/22	09:11:00	0.69	0.00	0.00	0.00	16.62		* Line opened on voltage regulation. Bikaner-805KV.
CKT	765kV BIKANER-MOGA-2	LVRD	23/09/22	16:47:00	24/09/22	06:29:00	0.57	0.00	0.00	0.00	13.70		* Line opened on voltage regulation; Bikaner-795KV.
CKT	765kV BIKANER-MOGA-2	LVRD	27/09/22	17:22:00	28/09/22	07:28:00	0.59	0.00	0.00	0.00	14.10		* Line opened on voltage regulation. Bikaner-800KV.
CKT	765kV BIKANER-MOGA-2	LVRD	25/09/22	17:08:00	26/09/22	08:36:00	0.64	0.00	0.00	0.00	15.47		* ine opened on voltage regulation, Bikaner=793KV
							10.22	0.00	0.00	0.00	244.74	100.00	
CKT	765kV CHITTORGARH-AJMER-1	LVRD	11/09/22	16:45:00	12/09/22	09:57:00	0.72	0.00	0.00	0.00	17.20		* Line opened on voltage regulation. Ajmer: 804 KV
CKT	765kV CHITTORGARH-AJMER-1	LVRD	21/09/22	01:08:00	21/09/22	06:31:00	0.22	0.00	0.00	0.00	5.38		* Line opened on voltage regulation, V=796KV at Ajmer en
CKT	765kV CHITTORGARH-AJMER-1	LVRD	24/09/22	23:24:00	25/09/22	06:54:00	0.31	0.00	0.00	0.00	7.50		* Line opened on voltage regulation; Ajmer-790KV
CKT	765kV CHITTORGARH-AJMER-1	LVRD	14/09/22	17:34:00	15/09/22	07:49:00	0.59	0.00	0.00	0.00	14.25		* Line opened on voltage regulation. Ajmer-803KV.
CKT	765kV CHITTORGARH-AJMER-1	LVRD	16/09/22	16:22:00	17/09/22	09:57:00	0.73	0.00	0.00	0.00	17.58		* Line opened on voltage regulation. Ajmer=802KV
CKT	765kV CHITTORGARH-AJMER-1	LVRD	09/09/22	16:40:00	10/09/22	08:59:00	0.68	0.00	0.00	0.00	16.32		* Line opened on voltage regulation. Ajmer-802kV
CKT	765kV CHITTORGARH-AJMER-1	LVRD	01/09/22	00:00:01	01/09/22	10:01:00	0.42	0.00	0.00	0.00	10.02		* Line opened on voltage regulation; Ajmer805KV
CKT	765kV CHITTORGARH-AJMER-1	LVRD	03/09/22	17:34:00	04/09/22	10:07:00	0.69	0.00	0.00	0.00	16.55		* Line opened on voltage regulation. Ajmer=800KV

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
CKT	765kV CHITTORGARH-AJMER-1	LVRD	07/09/22	17:13:00	08/09/22	09:45:00	0.69	0.00	0.00	0.00	16.53		* Line opened on voltage regulation. Ajmer-797KV
CKT	765kV CHITTORGARH-AJMER-1	LVRD	05/09/22	16:15:00	06/09/22	09:28:00	0.72	0.00	0.00	0.00	17.22		* Line opened on voltage regulation. Ajmer-801kV.
							5.77	0.00	0.00	0.00	138.55	100.00	
CKT	765kV CHITTORGARH-AJMER-2	LVRD	23/09/22	22:20:00	24/09/22	10:26:00	0.50	0.00	0.00	0.00	12.10		* Line opened on voltage regulation; Ajmer-785KV.
CKT	765kV CHITTORGARH-AJMER-2	LVRD	06/09/22	17:02:00	07/09/22	09:11:00	0.67	0.00	0.00	0.00	16.15		* Line opened on voltage regulation. Ajmer-802kV.
CKT	765kV CHITTORGARH-AJMER-2	LVRD	08/09/22	17:06:00	09/09/22	09:31:00	0.68	0.00	0.00	0.00	16.42		* Line opened on voltage regulation. Ajmer-809KV.
CKT	765kV CHITTORGARH-AJMER-2	LVRD	04/09/22	16:04:00	05/09/22	10:09:00	0.75	0.00	0.00	0.00	18.08		* Line opened on voltage regulation. Ajmer-800KV.
CKT	765kV CHITTORGARH-AJMER-2	LVRD	15/09/22	17:42:00	16/09/22	09:54:00	0.68	0.00	0.00	0.00	16.20		* Line opened on voltage regulation. Ajmer-794KV
CKT	765kV CHITTORGARH-AJMER-2	LVRD	12/09/22	16:26:00	13/09/22	10:24:00	0.75	0.00	0.00	0.00	17.97		* Line opened on voltage regulation. Ajmer: 791 KV
CKT	765kV CHITTORGARH-AJMER-2	LVRD	18/09/22	18:09:00	19/09/22	09:15:00	0.63	0.00	0.00	0.00	15.10		* Line opened on voltage regulation. V-799KV.
CKT	765kV CHITTORGARH-AJMER-2	LVRD	02/09/22	18:02:00	03/09/22	09:48:00	0.66	0.00	0.00	0.00	15.77		* Line opened on voltage regulation. Ajmer-796kV.
							5.32	0.00	0.00	0.00	127.79	100.00	
CKT	765KV-FATEHGARH-II-BHADLA-I-CKT1	GOVC	17/09/22	10:14:00	17/09/22	10:49:00	0.02	0.00	0.00	0.58	0.00		* Line tripped on over voltage protection operation at Fatehgarh(2) end and DT received at Bhadla end.
CKT	765KV-FATEHGARH-II-BHADLA-I-CKT1	GOVC	11/09/22	12:22:00	11/09/22	12:57:00	0.02	0.00	0.00	0.58	0.00		* Tripped on Over voltage protection due to local Grid Disturbance caused by tripping of 220kv Bhadla-HERO solar line and subsequent solar power reduction leading to persistent sharp rise of 765kV system voltage.
							0.04	0.00	0.00	1.16	0.00	100.00	
CKT	765KV-FATEHGARH-II-BHADLA-I-CKT2	OSFT	04/09/22	00:19:00	04/09/22	06:18:00	0.25	5.98	0.00	0.00	0.00		* Forced Shutdown taken to rectify hardware fitting of line jumper* and spacer in the line at Bhadla end.
							0.25	5.98	0.00	0.00	0.00	99.17	
CKT	765KV-FATEHGARH-II-FATEHGARH-I-CKT1	OMSU	12/09/22	17:02:00	12/09/22	20:59:00	0.17	0.00	3.95	0.00	0.00		* Line tripped on Phase to Earth fault from both ends. FLR: Fatehgarh_2: Y-N, 36.41kM, 9.2kA, Z2. Fatehgarh(ADANI); R-N, 3.5kM, 8.1kA, Z1. Fault under M/S ADANI jurisdiction as per their end details.
							0.17	0.00	3.95	0.00	0.00	100.00	
CKT	765KV-FATEHGARH-II-FATEHGARH-I-CKT2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV GREATER NOIDA(UPPTCL)-MEERUT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV JHATIKARA-BHIWANI	OSPT	16/09/22	09:18:00	16/09/22	20:17:00	0.46	10.98	0.00	0.00	0.00		* Shutdown for line maintenance works.
							0.46	10.98	0.00	0.00	0.00	98.47	
CKT	765KV-KOTESHWAR-MEERUT-1	LART	30/09/22	16:55:00	30/09/22	16:55:00	0.00	0.00	0.00	0.00	0.00		**Auto reclosed successfully on B -N (Ph-earth) fault, Koteswar: 2.02kA/2.39kA, 150.8kM/138.7kM Meerut: 30.25kM/31.65kM* TWFL: Meerut: 31.52kM, Koteswar: 147.17kM. Fault under Meerut TL jurisdiction."
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765KV-KOTESHWAR-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	
LNR	240MVAR,SWLR OF BIKANER-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	
LNR	240MVAR,SWLR OF BIKANER-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	
LNR	240MVAR,SWLR OF CHITTORGARH-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	
LNR	240MVAR,SWLR OF CHITTORGARH-2 AT AJMER	OSFT	12/09/22	16:47:00	12/09/22	17:53:00	0.05	1.10	0.00	0.00	0.00		* Forced Shutdown taken to attend hot spot on 765KV Ajmer-Chittorgarh-2 Line Reactor B-ph CB connector.
							0.05	1.10	0.00	0.00	0.00	99.85	
LNR	330MVAR,SWLR OF AJMER-2 AT BHADLA-2	SVRD	02/09/22	11:10:00	02/09/22	16:26:00	0.22	0.00	0.00	0.00	5.27		* LR opened on voltage regulation.Voltage=758kV.
LNR	330MVAR,SWLR OF AJMER-2 AT BHADLA-2	SVRD	03/09/22	11:14:00	03/09/22	16:24:00	0.22	0.00	0.00	0.00	5.17		* LR opened on voltage regulation. Voltage=765kV
							0.44	0.00	0.00	0.00	10.44	100.00	
LNR	240MVAR,SWLR OF BIKANER-2 AT BHADLA-2	SVRD	30/09/22	11:09:00	30/09/22	16:52:00	0.24	0.00	0.00	0.00	5.72		* LR opened on voltage regulation. Voltage=760kV.
LNR	240MVAR,SWLR OF BIKANER-2 AT BHADLA-2	SVRD	28/09/22	11:45:00	28/09/22	22:39:00	0.45	0.00	0.00	0.00	10.90		* LR opened on voltage regulation V-745kV
LNR	240MVAR,SWLR OF BIKANER-2 AT BHADLA-2	SVRD	04/09/22	11:22:00	04/09/22	15:25:00	0.17	0.00	0.00	0.00	4.05		* LR opened on voltage regulation. Voltage=749kV
LNR	240MVAR,SWLR OF BIKANER-2 AT BHADLA-2	SVRD	08/09/22	11:14:00	08/09/22	16:05:00	0.20	0.00	0.00	0.00	4.85		* LR opened on voltage regulation. V-765KV
LNR	240MVAR,SWLR OF BIKANER-2 AT BHADLA-2	SVRD	19/09/22	10:40:00	19/09/22	17:27:00	0.28	0.00	0.00	0.00	6.78		* BR opened on voltage regulation
LNR	240MVAR,SWLR OF BIKANER-2 AT BHADLA-2	SVRD	15/09/22	11:40:00	15/09/22	16:27:00	0.20	0.00	0.00	0.00	4.78		* LR opened on voltage regulation. Voltage=754KV.
LNR	240MVAR,SWLR OF BIKANER-2 AT BHADLA-2	SVRD	07/09/22	11:07:00	07/09/22	13:27:00	0.10	0.00	0.00	0.00	2.33		
LNR	240MVAR,SWLR OF BIKANER-2 AT BHADLA-2	SVRD	16/09/22	12:14:00	16/09/22	17:02:00	0.20	0.00	0.00	0.00	4.80		* LR opened on voltage regulation. V=762KV.
LNR	240MVAR,SWLR OF BIKANER-2 AT BHADLA-2	SVRD	09/09/22	11:26:00	09/09/22	16:04:00	0.19	0.00	0.00	0.00	4.63		* LR opened on voltage regulation. Voltage=755kV.
LNR	240MVAR,SWLR OF BIKANER-2 AT BHADLA-2	SVRD	05/09/22	12:20:00	05/09/22	16:07:00	0.16	0.00	0.00	0.00	3.78		* BR opened on voltage regulation.V-760KV.
LNR	240MVAR,SWLR OF BIKANER-2 AT BHADLA-2	SVRD	11/09/22	11:47:00	11/09/22	16:07:00	0.18	0.00	0.00	0.00	4.33		* LR opened on voltage regulation. Voltage=759kV
							2.37	0.00	0.00	0.00	56.95	100.00	
LNR	330MVAR,SWLR OF AJMER-1 AT BHADLA-2	SVRD	04/09/22	11:45:00	04/09/22	16:06:00	0.18	0.00	0.00	0.00	4.35		* BR opened on voltage regulation.Voltage=763kV
LNR	330MVAR,SWLR OF AJMER-1 AT BHADLA-2	SVRD	03/09/22	10:47:00	03/09/22	15:39:00	0.20	0.00	0.00	0.00	4.87		* LR opened on voltage regulation. Voltage=756kV
LNR	330MVAR,SWLR OF AJMER-1 AT BHADLA-2	SVRD	02/09/22	10:32:00	02/09/22	16:27:00	0.25	0.00	0.00	0.00	5.92		* LR opened on VR
							0.63	0.00	0.00	0.00	15.14	100.00	
LNR	240MVAR,SWLR OF BIKANER-1 AT BHADLA-2	SVRD	19/09/22	10:29:00	19/09/22	15:48:00	0.22	0.00	0.00	0.00	5.32		* BR opened on voltage regulation
LNR	240MVAR,SWLR OF BIKANER-1 AT BHADLA-2	SVRD	05/09/22	11:36:00	05/09/22	16:07:00	0.19	0.00	0.00	0.00	4.52		* BR opened on voltage regulation; Bhadla2: 742 KV
LNR	240MVAR,SWLR OF BIKANER-1 AT BHADLA-2	SVRD	17/09/22	11:44:00	17/09/22	16:14:00	0.19	0.00	0.00	0.00	4.50		* LR opened on voltage regulation.Voltage=752kV
LNR	240MVAR,SWLR OF BIKANER-1 AT BHADLA-2	SVRD	18/09/22	11:15:00	18/09/22	15:47:00	0.19	0.00	0.00	0.00	4.53		* LR opened on voltage regulation. V-752KV

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	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	SVRD	16/09/22	11:18:00	17/09/22	17:37:00	1.26	0.00	0.00	0.00	30.32		* LR opened on voltage regulation.V=760KV.
LNR	240MVAR,SWLR OF BHADLA-1 AT BIKANER	SVRD	08/09/22	11:49:00	08/09/22	15:06:00	0.14	0.00	0.00	0.00	3.28		* LR opened on voltage regulation, V-768KV
LNR	240MVAR,SWLR OF BHADLA-1 AT BIKANER	SVRD	09/09/22	11:51:00	09/09/22	16:06:00	0.18	0.00	0.00	0.00	4.25		* LR opened on voltage regulation. Voltage-770kV.
							1.58	0.00	0.00	0.00	37.85	100.00	
LNR	240MVAR,SWLR OF BANSKANTA-2 AT CHITORG			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF BANSKANTA-1 AT CHITORG			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF AJMER-2 AT CHITTORGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF AJMER-1 AT CHITTORGARH	OSFT	21/09/22	10:02:00	21/09/22	18:37:00	0.36	8.58	0.00	0.00	0.00		* Forced shutdown to attend SF6 gas low alarm and leakage in CB.
							0.36	8.58	0.00	0.00	0.00	98.81	
LNR	240MVAR,SWLR OF BHADLA1-2 AT FATEHGARH	OSPT	06/09/22	18:51:00	06/09/22	21:57:00	0.13	3.10	0.00	0.00	0.00		* Shutdown for Ladder logic commissioning, CT switching circuit, Stability with spare reactor testing for commissioning with spare reactor
							0.13	3.10	0.00	0.00	0.00	99.57	
LNR	240MVAR,SWLR OF BHADLA1-1 AT FATEHGARH	OSPT	07/09/22	00:04:00	07/09/22	00:34:00	0.02	0.50	0.00	0.00	0.00		* Shutdown for Ladder logic commissioning, CT switching circuit, Stability with spare reactor testing for commissioning with spare reactor .
							0.02	0.50	0.00	0.00	0.00	99.93	
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	OSFT	05/09/22	15:58:00	05/09/22	17:31:00	0.07	1.55	0.00	0.00	0.00		* Forced shutdown to remove grass and weeds under SVC.
SVC	- 300/+ 400MVAR SVC AT KANKROLI	OSFT	16/09/22	13:20:00	16/09/22	16:58:00	0.15	3.63	0.00	0.00	0.00		* Forced S/D for replacement of resin of SVC demineralizer unit
SVC	- 300/+ 400MVAR SVC AT KANKROLI	OSFT	27/09/22	15:24:00	27/09/22	17:17:00	0.08	1.88	0.00	0.00	0.00		* Forced shutdown taken to attend thyristor failure alarm in TSC-2.
							0.30	7.06	0.00	0.00	0.00	99.02	
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-1	LVRD	24/09/22	15:58:00	30/09/22	23:59:59	6.34	0.00	0.00	0.00	152.03		* Pole blocked on voltage regulation; KKR-421KV
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-1	LVRD	16/09/22	01:09:00	21/09/22	11:41:00	5.44	0.00	0.00	0.00	130.53		* Pole blocked on voltage regulation. KKR-421KV.
							11.78	0.00	0.00	0.00	282.56	100.00	
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-2	LVRD	24/09/22	15:59:00	30/09/22	23:59:59	6.33	0.00	0.00	0.00	152.02		* Pole blocked on voltage regulation; KKR-421KV
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-2	OMST	24/09/22	08:32:00	24/09/22	14:26:00	0.25	5.90	0.00	0.00	0.00		* Tripped on DC differential proection at Champa end. Charging delayed from Champa end due to probelm in CNAP(Common Neutral Area Protection).
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-2	LVRD	16/09/22	01:09:00	21/09/22	11:31:00	5.43	0.00	0.00	0.00	130.37		* Pole blocked on voltage regulation. KKR-421KV
							12.01	5.90	0.00	0.00	282.39	99.18	
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-3	LVRD	23/09/22	00:09:00	24/09/22	12:49:00	1.53	0.00	0.00	0.00	36.67		* Pole blocked on voltage regulation. KKR-425KV
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-3	OSFT	10/09/22	05:04:00	10/09/22	11:15:00	0.26	6.18	0.00	0.00	0.00		* To attend hot spot in neutral area at Kurukshetra end.
							1.79	6.18	0.00	0.00	36.67	99.14	
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-4	LVRD	23/09/22	00:08:00	24/09/22	15:45:00	1.65	0.00	0.00	0.00	39.62		* Pole blocked on voltage regulation. KKR-425KV
VALVE_HALL	800kV HVDC CHAMPA-KURUKSHETRA POLE-4	OSFT	10/09/22	05:04:00	10/09/22	10:46:00	0.24	5.70	0.00	0.00	0.00		* To attend hot spot in neutral area at Kurukshetra end.
							1.89	5.70	0.00	0.00	39.62	99.21	
XMER	1500MVA,765/400kV ICT-1 AT AJMER			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-2 AT AJMER			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-1 AT BAGPAT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							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-2 AT BAGPAT	SBBT	18/09/22	11:19:00	18/09/22	15:57:00	0.19	4.63	0.00	0.00	0.00		* Tripped on bus bar differential protection due to high SO2 content in R* phase compartment of 400kV Baghpat-Meerut-2 line at Baghpat end* while auto-recloser of the line
							0.19	4.63	0.00	0.00	0.00	99.36	
XMER	500MVA,400/220kV ICT-1 AT BALLABGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-2 AT BALLABGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT BALLABGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-4 AT BALLABGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT BASSI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT BASSI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT BASSI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-1 AT BHADLA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-1 AT BHADLA-2	SCSD	08/09/22	18:28:00	08/09/22	21:26:00	0.12	0.00	0.00	0.00	2.97		* Shutdown for tertiary bus extension works for upcoming 765/400KV ICT-3 at Bhadla_2.
							0.12	0.00	0.00	0.00	2.97	100.00	
XMER	1500MVA,765/400kV ICT-2 AT BHADLA-2	SCSD	10/09/22	17:06:00	11/09/22	03:36:00	0.44	0.00	0.00	0.00	10.50		* Shutdown for tertiary bus extension works for upcoming 765/400KV ICT-3 at Bhadla_2.
XMER	1500MVA,765/400kV ICT-2 AT BHADLA-2	SCSD	24/09/22	18:08:00	25/09/22	05:48:00	0.49	0.00	0.00	0.00	11.67		* Shutdown for Bay extension works of upcoming 765/400KV 1500MVA ICT-3 at Bhadla_2.
							0.93	0.00	0.00	0.00	22.17	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	100.00	
XMER	500MVA,400/220kV ICT-5 AT BHADLA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-6 AT BHADLA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT BAHADURGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-2 AT BAHADURGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-1 AT BADHLA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-1 AT BADHLA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-2 AT BADHLA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-2 AT BADHLA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT BADHLA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-3 AT BADHLA	OSPT	28/09/22	18:01:00	29/09/22	02:04:00	0.34	8.05	0.00	0.00	0.00		* Shutdown taken for ICT changeover from spare unit to main unit
							0.34	8.05	0.00	0.00	0.00	98.88	
XMER	500MVA,400/220kV ICT-4 AT BHADLA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-5 AT BADHLA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-6 AT BHADLA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-7 AT BADHLA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT BHIWADI			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	OSPT	29/09/22	09:15:00	29/09/22	20:29:00	0.47	11.23	0.00	0.00	0.00		* Shutdown for annual maintenance planned works.
							0.47	11.23	0.00	0.00	0.00	98.44	
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	

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	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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-1 AT BIKANER			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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-1 AT CHITTORGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-2 AT CHITTORGARH	OSPT	28/09/22	08:08:00	28/09/22	23:41:00	0.65	15.55	0.00	0.00	0.00	97.84	* Shut down taken for AMP work
XMER	315MVA,400/220kV ICT-1 AT DEHRADUN	OSPT	27/09/22	08:33:00	27/09/22	20:26:00	0.50	11.88	0.00	0.00	0.00	98.35	* Shutdown for annual maintenance work.
XMER	315MVA,400/220kV ICT-2 AT DEHRADUN	OSPT	13/09/22	08:23:00	13/09/22	19:17:00	0.45	10.90	0.00	0.00	0.00	98.49	* Shutdown for annual maintenance works.
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	OSFT	17/09/22	10:11:00	17/09/22	10:37:00	0.02	0.43	0.00	0.00	0.00	99.94	* ICT hand tripped due to fire near 220KV side of ICT.
XMER	1500MVA,765/400kV ICT-1 AT FATEHGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-2 AT FATEHGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-2 AT FATEHGARH-2	OSFT	17/09/22	00:01:00	17/09/22	00:01:00	0.00	0.00	0.00	0.00	0.00	100.00	* Forced S/D to measure IR value of Y-ph Surge Arrester of 400KV side.
XMER	500MVA,400/220kV ICT-3 AT FATEHGARH-2	SCSD	20/09/22	20:53:00	20/09/22	22:16:00	0.06	0.00	0.00	0.00	1.38	100.00	* S/D for erection and commissioning works in TBC Bay
XMER	500MVA,400/220kV ICT-3 AT FATEHGARH-2	SCSD	19/09/22	19:47:00	20/09/22	03:04:00	0.30	0.00	0.00	0.00	7.28	100.00	* Shutdown for erection and commissioning works in TBC Bay.
XMER	1500MVA,765/400kV ICT-3 AT FATEHGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	8.66	100.00	
XMER	500MVA,400/220kV ICT-4 AT FATEHGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-4 AT FATEHGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-5 AT FATEHGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-9 AT FATEHGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT GURGAON			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT GURGAON			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT GURGAON			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 GURGAON			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT HISAR			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 HISAR	OSPT	02/09/22	09:06:00	02/09/22	14:02:00	0.21	4.93	0.00	0.00	0.00	99.31	* Shutdown for annual maintenance planned work.
XMER	315MVA,400/220kV ICT-3 AT HISAR	OSPT	26/09/22	06:10:00	26/09/22	15:37:00	0.39	9.45	0.00	0.00	0.00	98.69	* Shutdown for annual maintenance work.
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	

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	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	
XMER	1500MVA,765/400kV ICT-1 AT JHATIKARA			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 JHATIKARA	OSFT	17/09/22	13:33:00	17/09/22	20:40:00	0.30	7.12	0.00	0.00	0.00	99.01	* Forced S/D to measure IR value of Y-ph Surge Arrester of 400kV side.
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	
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	
XMER	500MVA,400/220kV ICT-1 AT JIND	SICT	23/09/22	03:20:00	23/09/22	19:33:00	0.68	16.22	0.00	0.00	0.00	97.75	* ICT tripped on R-Ph differential protection.
XMER	500MVA,400/220kV ICT-2 AT JIND			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 KANKROLI	OSPT	08/09/22	08:47:00	08/09/22	18:47:00	0.42	10.00	0.00	0.00	0.00	98.61	* Shutdown taken for annual maintenance planned works.
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	
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	
XMER	800MVA,765/400kV ICT-1 AT KOTESHWAR	OMSU	16/09/22	11:12:00	16/09/22	12:44:00	0.06	0.00	1.53	0.00	0.00	100.00	* Tripped due to 701 Y-Ph GC wire removed by monkey causing short circuit during rain.
XMER	800MVA,765/400kV ICT-2 AT KOTESHWAR	OMST	19/09/22	09:42:00	19/09/22	12:26:00	0.11	2.73	0.00	0.00	0.00	99.62	* Tripped due to REF protection operated due to broken NCT looping wire lug in common marshalling box. ICT charged after lug replacement.
XMER	800MVA,765/400kV ICT-3 AT KOTESHWAR	OSPT	26/09/22	11:36:00	26/09/22	21:48:00	0.43	10.20	0.00	0.00	0.00	98.58	* Shutdown for interconnection of tertiary transformer with ICT and insulation sleeve coating.
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	
XMER	315MVA,400/220kV ICT-1 AT KOTA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT KOTA	OSPT	30/09/22	09:13:00	30/09/22	22:11:00	0.54	12.97	0.00	0.00	0.00	98.20	* Shutdown for annual maintenance planned works.
XMER	315MVA,400/220kV ICT-1 AT KOTPUTLI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT KOTPUTLI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-1 AT KURUKSHETRA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-2 AT KURUKSHETRA			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 MANDOLA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-2 AT MANDOLA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT MANDOLA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-4 AT MANDOLA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-1 AT MANESAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-2 AT MANESAR			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 MAHARANIBAGH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT MAHARANIBAGH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT MAHARANIBAGH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-4 AT MAHARANIBAGH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT MEERUT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-1 AT MEERUT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-3 AT MEERUT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT MEERUT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-2 AT MEERUT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-3 AT MEERUT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-4 AT MEERUT			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 MUZAFFARNAGAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-1 AT NEEMRANA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT NEEMRANA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT ROORKEE	OSPT	06/09/22	08:11:00	07/09/22	01:33:00	0.72	17.37	0.00	0.00	0.00	97.59	* Shutdown for annual maintenance work.
XMER	315MVA,400/220kV ICT-2 AT ROORKEE			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT ROORKEE	OSPT	10/09/22	10:13:00	10/09/22	13:30:00	0.14	3.28	0.00	0.00	0.00	99.54	* Shutdown for insulation of 33KV Bushing Stud and fixing of wire mesh to PRD Canopies to avoid the entry of small Birds <-> Rodent
XMER	315MVA,400/220kV ICT-1 AT SAHARANPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT SAHARANPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT SIKAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT SIKAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT SIKAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT SONIPAT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT SONIPAT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT SONIPAT			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 TUGHLAKABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-2 AT TUGHLAKABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT TUGHLAKABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-4 AT TUGHLAKABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							665.57	503.27	308.51	6.44	15,148.49		