

NER-II Transmission Limited

I. AC Transmission Line Outage Details for the month of July 2024

Schedule I

Element Name	Outage		Restoration		Duration of Outage Attributable to				Reason of Outage	% Availability
	Date	Time	Date	Time	Inter-State Transmission Licensee Hrs:Min	Others Hrs:Min	System constraint/ Natural calamity/ Militancy Hrs:Min	Deemed Available Hrs:Min		
400kV D/C Silchar-Misa Ckt 1	02-07-2024	11:10	02-07-2024	19:15	0:00	0:00	0:00	8:05	Shutdown availed by NERTS for attending hotspot on B-phase LA connector at Silchar end. Only line portion belongs to NER-ITL. Shutdown code - 034 Charging Code - 051	
400kV Surajmaninagar- P.K.Bari Ckt-2	10-07-2024	10:32	10-07-2024	20:48	0:00	0:00	10:16	0:00	Line tripped on R-phase to Earth Fault due to lightning, which lead to insulator failure, Tripping converted into emergency shutdown for insulator replacement work. Enclosed here with the IMD report and the photograph of Failed insulator. Shutdown code - Charging Code - 311	
132kV BNC-Gohpur ckt-01	09-07-2024	10:43	09-07-2024	18:46	0:00	8:03	0:00	0:00	Line tripped due to R phase to Earth fault as conductor of 11 kV Dufflagarh. Brahmajan Line, Feeder-Brahmajan in Gohpur came within the induction zone due to pole collapse. Email communication and evidence attached for your reference. Shutdown code - Charging Code - 280	
400kV D/C Silchar-Misa Ckt 2	23-07-2024	13:08	23-07-2024	15:52	0:00	02:44	0:00	0:00	Line tripped on transient B-Phase to Earth fault from Silchar end and AR was successful from Misa end, line was in idle charge condition from Misa SS. Hence, request to consider this period under 'Others' category as only the line portion belongs to NER-ITL. Shutdown code - Charging Code -	
400kV D/C Silchar-Misa Ckt 2	23-07-2024	15:52	23-07-2024	16:21	0:29	0:00	0:00	0:00	NER-ITL taken the Emergency shutdown for bamboo tree cutting which causes the transient trip. •CB opened from Misa SS, Line isolator open and Line Earth switch closed at both ends confirmation received at 15:52 hrs from PGCIL email communication attached herewith for your reference. Charging - •At 16:16 hrs readiness for charging was declared. •At 16:21 hrs Grid codes received from NERLDC for charging of 400kV Silchar-Misa Ckt-02 Email communication attached herewith for your reference. Shutdown code - 969 Charging Code -	
400kV D/C Silchar-Misa Ckt 2	23-07-2024	16:21	23-07-2024	17:23	0:00	1:02	0:00	0:00	•At 16:16 hrs readiness for charging was declared. •At 16:21 hrs Grid codes received from NERLDC for charging of 400kV Silchar-Misa Ckt-02 •At 17:23hrs line has been charged, As per the information received from RTAMC-Shillong, there was a delay in charging due to the continuous discharging of the spring in the B-phase circuit breaker LR Bay (434-S2LR) at Misa.Line charged without line reactor at Misa end Hence, request to consider this outage period under 'Others' category as the delay was beyond the control of the Licensee. Email communication attached herewith for your reference. Shutdown code - Charging Code - 973	
132kV AGTPPI(NEEPSCO) - P.K.Bari Ckt-1	25-07-2024	17:56	25-07-2024	19:51	1:55	0:00	0:00	0:00	Line tripped on Y-Phase to Earth fault. -Charging readiness declared at 19:51 hrs. - Charging code received at 20:50 hrs. -Line was finally charged at 21:10 hrs. Shutdown code - Charging Code - 1127	

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132kV AGTPP(NEEPCO) - P.K.Bari Ckt-1	25-07-2024	19:51	25-07-2024	21:10	0:00	0:00	0:00	1:19	-Charging readiness declared at 19:51 hrs. - Charging code received at 20:50 hrs. -Line was finally charged at 21:10 hrs. Delay in charging due to peak hours time. Request to consider this period under 'Others' category as the delay was beyond the control of the Licensee. Email communication attached herewith for your reference. Shutdown code - Charging Code -	
132kV AGTPP(NEEPCO) - P.K.Bari Ckt-2	25-07-2024	17:56	25-07-2024	22:04	0:00	0:00	4:08	0:00	Line tripped on phase to phase fault due to lightning. Enclosed here with the IMD report and the flashover marks on insulators for your reference. Shutdown code - Charging Code - 1129	
132kV BNC-Gohpur ckt-01	08-07-2024	11:43	08-07-2024	13:35	1:52	0:00	0:00	0:00	Emergency shutdown availed for tree cutting. Shutdown code - 247 Charging Code - 251	
132kV D/C Itanagar-BNC ckt-01					0:00	0:00	0:00	0:00	NO Tripping / Outages in this month Shutdown code - Charging Code -	
400kV Surajmaninagar- P.K.Bari Ckt-1					0:00	0:00	0:00	0:00	NO Tripping / Outages in this month Shutdown code - Charging Code -	
400/132kV 315 MVA ICT-01 at PK Bari	05-07-2024	11:36	05-07-2024	12:20	0:44	0:00	0:00	0:00	Emergency shutdown availed for switching of Y-Phase ICT against Spare phase. Shutdown code - 139 Charging Code - 141	
400/132kV 315 MVA ICT-02 at PK Bari	05-07-2024	12:53	05-07-2024	13:21	0:28	0:00	0:00	0:00	Emergency shutdown availed for switching of Spare-Phase ICT against B-phase, to address the issue of a bottom stack LA crack in the B phase of 400KV/132KV ICT Bank-2. Shutdown code - 145 Charging Code - 146	
400/132kV 315 MVA ICT-01 at Surajmani Nagar					0:00	0:00	0:00	0:00	NO Tripping / Outages in this month Shutdown code - Charging Code -	
400/132kV 315 MVA ICT-02 at Surajmani Nagar					0:00	0:00	0:00	0:00	NO Tripping / Outages in this month Shutdown code - Charging Code -	
400kV Bus Reactor-02 at SM Nagar	01-07-2024	00:00	02-07-2024	20:23	0:00	0:00	0:00	44:23	Continuously in outage from previous month. Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 982 Charging code: 053	
400kV Bus Reactor-01 at SM Nagar	02-07-2024	18:16	02-07-2024	22:36	4:20	0:00	0:00	0:00	Bus Reactor Tripped due to high oil temperature due to relay maloperation. Outage code: Charging code: 61	
400kV Bus Reactor-01 at P.K. Bari	02-07-2024	11:28	02-07-2024	22:30	0:00	0:00	0:00	11:02	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 036 Charging code: 057	
400kV Bus Reactor-01 at SM Nagar	02-07-2024	22:36	03-07-2024	01:04	0:00	0:00	0:00	2:28	As per RLDC instruction tripping was converted into voltage regulation shutdown. Outage code: 61 Charging code: 63	
400kV Bus Reactor-02 at P.K. Bari	03-07-2024	00:58	04-07-2024	00:24	0:00	0:00	0:00	23:26	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 62 Charging code: 98	
400kV Bus Reactor-01 at P.K. Bari	04-07-2024	08:25	05-07-2024	01:39	0:00	0:00	0:00	17:14	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 104 Charging code: 125	

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400kV Bus Reactor-02 at SM Nagar	03-07-2024	11:08	06-07-2024	18:07	0:00	0:00	0:00	78:59	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 78 Charging code: 202	
400kV Bus Reactor-01 at SM Nagar	05-07-2024	10:16	06-07-2024	04:58	0:00	0:00	0:00	18:42	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 136 Charging code: 169	
400kV Bus Reactor-02 at SM Nagar	06-07-2024	21:46	27-07-2024	22:43	0:00	0:00	0:00	504:57	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 206 Charging code: 1205	
400kV Bus Reactor-02 at SM Nagar	27-07-2024	22:43	28-07-2024	09:46	11:03	0:00	0:00	0:00	Bus Reactor tripped during charging time due to asymmetrical CT saturation issue leading to Differential protection operation. Charging readiness declared at 09:46 hrs. on 28-07-2024. As per RLDC instruction outage was converted into voltage regulation shutdown code was not issued for the same. Enclosed here with the email communication, Outage code: 1205 Charging code:	
400kV Bus Reactor-02 at SM Nagar	28-07-2024	09:46	01-08-2024	00:00	0:00	0:00	0:00	86:14	As per RLDC instruction outage was converted into voltage regulation shutdown code was not issued for the same. Enclosed here with the email communication, Still not charged in this month. Outage code: Charging code:	
400kV Bus Reactor-01 at SM Nagar	06-07-2024	14:37	11-07-2024	00:24	0:00	0:00	0:00	105:47	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 193 Charging code: 315	
400kV Bus Reactor-01 at P.K. Bari	06-07-2024	13:01	07-07-2024	02:56	0:00	0:00	0:00	13:55	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 190 Charging code: 211	
400kV Bus Reactor-01 at SM Nagar	11-07-2024	14:53	11-07-2024	23:54	0:00	0:00	0:00	9:01	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 338 Charging code: 353	
400kV Bus Reactor-01 at P.K. Bari	13-07-2024	08:52	14-07-2024	04:04	0:00	0:00	0:00	19:12	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 402 Charging code: 444	
400kV Bus Reactor-02 at P.K. Bari	13-07-2024	19:07	15-07-2024	04:13	0:00	0:00	0:00	33:06	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 436 Charging code: 471	
400kV Bus Reactor-01 at SM Nagar	14-07-2024	19:00	16-07-2024	04:49	0:00	0:00	0:00	33:49	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 463 Charging code: 557	
400kV Bus Reactor-01 at P.K. Bari	15-07-2024	19:10	16-07-2024	03:51	0:00	0:00	0:00	8:41	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 504 Charging code: 556	
400kV Bus Reactor-01 at P.K. Bari	16-07-2024	13:21	17-07-2024	01:27	0:00	0:00	0:00	12:06	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 581 Charging code: 605	
400kV Bus Reactor-01 at P.K. Bari	17-07-2024	08:48	20-07-2024	02:17	0:00	0:00	0:00	65:29	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 612 Charging code: 771	
400kV Bus Reactor-01 at SM Nagar	19-07-2024	14:27	19-07-2024	21:20	0:00	0:00	0:00	6:53	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 732 Charging code: 758	

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400kV Bus Reactor-01 at P.K. Bari	20-07-2024	11:34	25-07-2024	00:58	0:00	0:00	0:00	109:24	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 792 Charging code: 1070	
400kV Bus Reactor-01 at P.K. Bari	25-07-2024	16:33	01-08-2024	00:00	0:00	0:00	0:00	151:27	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Still not charged in this month. Outage code: 1109 Charging code:	
400kV Bus Reactor-01 at SM Nagar	26-07-2024	15:01	27-07-2024	07:17	0:00	0:00	0:00	16:16	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 1158 Charging code: 1178	
400kV Bus Reactor-01 at SM Nagar	27-07-2024	14:30	27-07-2024	23:08	0:00	0:00	0:00	8:38	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 1189 Charging code: 1208	

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II. Elements where restoration time has exceeded the standards specified in Regulation 5 (b) for the month of July 2024

Schedule II

Element Name	Restoration time as specified in Regulation 5 (b) (in days)	Actual restoration time (in days)
Nil	Nil	Nil
Nil	Nil	Nil

III. Details of compensation paid by the inter-State transmission licensee for the month of July 2024

Schedule III

Element Name	Violation of Regulation		Violation of Regulation 5(b)		Compensation paid (in Rs)
	% Availability prescribed	Actual % Availability	Restoration time prescribed (in days)	Actual restoration time (in days)	
Nil	Nil	Nil	Nil	Nil	Nil
Nil	Nil	Nil	Nil	Nil	Nil
Total					Nil