

NER-II Transmission Limited

I. AC Transmission Line Outage Details for the month of August 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		
132kV AGTPP(NEEPCO) - P.K.Bari Ckt-1	04-08-2024	09:12	04-08-2024	19:11	0:00	0:00	0:00	9:59	Shutdown availed by SLDC-Tripura for main Bus maintenance at PK Bari (TSECL) Shutdown code - 158 Charging Code - 192	
132kV AGTPP(NEEPCO) - P.K.Bari Ckt-2	04-08-2024	09:14	04-08-2024	19:12	0:00	0:00	0:00	9:58	Shutdown availed by SLDC-Tripura for main Bus maintenance at PK Bari (TSECL) Shutdown code - 159 Charging Code - 191	
132kV D/C Itanagar-BNC ckt-01	09-08-2024	08:27	09-08-2024	14:41	6:14	0:00	0:00	0:00	Line tripped due to R phase to Earth fault. Shutdown code - Charging Code - 462	
132kV Gohpur-Itanagar ckt-01	15-08-2024	12:52	15-08-2024	14:37	1:45	0:00	0:00	0:00	Emergency shutdown availed to remove bamboo trees at Tower no 165. -Charging readiness given at 14 :08 Hrs. - Charging code received at 14:36 Hrs. -At Gohpur end line isolator connecting rod broken at per telephonic confirmation by Gohpur at 14:59 Hrs. -Line charged at 15:45 Hrs. Email communication and evidence attached for your reference. Shutdown code - 767 Charging Code - 774	
132kV Gohpur-Itanagar ckt-01	15-08-2024	14:37	15-08-2024	15:45	0:00	1:08	0:00	0:00	Line charging delayed due to at Gohpur end line isolator connecting rod broken at per telephonic confirmation by Gohpur. Request to consider this period under 'Others' category as it was beyond the control of the Licensee. Shutdown code - Charging Code -	
400kV D/C Silchar-Misa Ckt 2	18-08-2024	17:37	18-08-2024	20:14	2:37	0:00	0:00	0:00	Line tripped due to Phase to Phase fault. Shutdown code - Charging Code - 937	
132kV AGTPP(NEEPCO) - P.K.Bari Ckt-1	18-08-2024	10:02	18-08-2024	16:56	0:00	0:00	0:00	6:54	Shutdown availed by SLDC-Tripura for 132KV Main Bus shutdown at PK Bari Shutdown code - 902 Charging Code - 917	
132kV AGTPP(NEEPCO) - P.K.Bari Ckt-2	18-08-2024	10:02	18-08-2024	16:58	0:00	0:00	0:00	6:56	Shutdown availed by SLDC-Tripura for 132KV Main Bus shutdown at PK Bari Shutdown code - 902 Charging Code - 917	
132kV BNC-Gohpur ckt-01	26-08-2024	06:37	26-08-2024	08:10	0:00	1:33	0:00	0:00	Line tripped from Gohpur end and ideally charged from BNC end due to B phase to Earth fault. As per information received from NERLDC, Gohpur SS experienced a blackout at 06:37. There was no fault in line. Shutdown code - Charging Code - 1281 Only Line Portion under the ownership of NER-IITL	
132kV Gohpur-Itanagar ckt-01	26-08-2024	06:37	26-08-2024	08:12	0:00	1:35	0:00	0:00	Line tripped from Gohpur end and ideally charged from Itanagar end due to B phase to Earth fault. As per information received from NERLDC, Gohpur SS experienced a blackout at 06:37. There was no fault in line. Shutdown code - Charging Code - 1274 Only Line Portion under the ownership of NER-IITL	
132kV BNC-Gohpur ckt-01	26-08-2024	16:58	26-08-2024	23:15	0:00	0:00	0:00	6:17	Shutdown availed by AEGCL(Gohpur) for relay testing. Shutdown code - 1299 Charging Code - 1320	
132kV D/C Itanagar-BNC ckt-01	26-08-2024	06:37	26-08-2024	08:08	1:31	0:00	0:00	0:00	Line tripped due to B phase to Earth fault. Shutdown code - Charging Code - 1278	
132kV BNC-Gohpur ckt-01	27-08-2024	13:16	27-08-2024	20:22	0:00	0:00	0:00	7:06	Shutdown availed by AEGCL(Gohpur) for relay testing. Shutdown code - 1342 Charging Code - 1369	

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132kV BNC-Gohpur ckt-01	29-08-2024	11:32	29-08-2024	12:16	0:00	0:44	0:00	0:00	Tripped from Gohpur end due to SOTF operated and line was ideally charged from BNC end. There was no fault in the line. Shutdown code - Charging Code - 1484 Only Line Portion under the ownership of NER-IITL.	
400kV Surajmaninagar- P.K.Bari Ckt-2					0:00	0:00	0:00	0:00	NO Tripping / Outages in the Month of AUG 24 Shutdown code - Charging Code -	
400kV D/C Slichar-Misa Ckt 1					0:00	0:00	0:00	0:00	NO Tripping / Outages in the Month of AUG 24 Shutdown code - Charging Code -	
400kV Surajmaninagar- P.K.Bari Ckt-1					0:00	0:00	0:00	44:23	NO Tripping / Outages in the Month of AUG 24 Shutdown code - Charging Code -	
400/132kV 315 MVA ICT-01 at PK Bari					0:00	0:00	0:00	0:00	NO Tripping / Outages in the Month of AUG 24 Shutdown code - Charging Code -	
400/132kV 315 MVA ICT-02 at PK Bari					0:00	0:00	0:00	0:00	NO Tripping / Outages in the Month of AUG 24 Shutdown code - Charging Code -	
400/132kV 315 MVA ICT-01 at Surajmani Nagar					0:00	0:00	0:00	0:00	NO Tripping / Outages in the Month of AUG 24 Shutdown code - Charging Code -	
400kV Bus Reactor-01 at P.K. Bari	01-08-2024	00:00	02-08-2024	21:47	0:00	0:00	0:00	45:47	Continuously in outage from previous month. Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code:1109 Charging code: 090	
400kV Bus Reactor-02 at SM Nagar	01-08-2024	00:00	02-08-2024	00:45	0:00	0:00	0:00	24:45	Continuously in outage from previous month. -Bus Reactor tripped during charging due to asymmetrical CT saturation issue leading to Differential protection operation. -Charging readiness declared at 09:46 hrs. on 28-07-2024. -Bus Reactor not taken into service for voltage regulation. Outage code: Charging code: 044	
400kV Bus Reactor-02 at P.K. Bari	02-08-2024	15:22	02-08-2024	18:16	02:54:00	0:00	0:00	0:00	To facilitate proper clearance for R-phase Suspension insulator replacement work of 400kV Bus Bar-2 Charging clearance given at 18:16 Hrs but not taken into service due to voltage constraint, shutdown was converted into voltage regulation outage as per RLDC instruction NO Code issued for the same. Outage code: 070 Charging code:	
400kV Bus Reactor-02 at P.K. Bari	02-08-2024	18:16	03-08-2024	02:28	0:00	0:00	0:00	8:12	Bus Reactor not taken into service for voltage regulation. Outage code: Charging code: 099	
400kV Bus Reactor-01 at SM Nagar	03-08-2024	18:32	05-08-2024	10:52	0:00	0:00	0:00	40:20:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 137 Charging code:229	
400kV Bus Reactor-01 at P.K. Bari	03-08-2024	10:04	04-08-2024	01:15	0:00	0:00	0:00	15:11	Bus Reactor not taken into service for voltage regulation. Outage code: 111 Charging code: 149	
400kV Bus Reactor-02 at SM Nagar	04-08-2024	18:52	05-08-2024	00:55	0:00	0:00	0:00	06:03:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 197 Charging code: 211	
400kV Bus Reactor-01 at SM Nagar	05-08-2024	11:03	05-08-2024	12:51	0:00	01:48:00	0:00	0:00	Bus Reactor Hand Tripped as per RLDC instruction for SPS testing. Outage code: 232 Charging code:	
400kV Bus Reactor-01 at SM Nagar	05-08-2024	12:51	07-08-2024	00:04	0:00	0:00	0:00	35:13	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 232 Charging code:335	

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400kV Bus Reactor-02 at SM Nagar	05-08-2024	11:03	05-08-2024	12:51	0:00	1:48	0:00	0:00	Bus Reactor Hand Tripped as per RLDC instruction for SPS testing. Outage code: 233 Charging code:	
400kV Bus Reactor-02 at SM Nagar	05-08-2024	12:51	01-09-2024	00:00	0:00	0:00	0:00	635:09	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Still not charged in this month. Outage code: 233 Charging code:	
400kV Bus Reactor-01 at P.K. Bari	06-08-2024	11:30	06-08-2024	12:27	0:00	00:57:00	0:00	0:00	Bus Reactor Hand Tripped as per RLDC instruction for SPS testing. Outage code: 290 Charging code:	
400kV Bus Reactor-01 at P.K. Bari	06-08-2024	12:27	10-08-2024	01:24	0:00	0:00	0:00	84:57:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 290 Charging code:485	
400kV Bus Reactor-02 at P.K. Bari	06-08-2024	11:30	06-08-2024	11:44	0:00	0:14	0:00	0:00	Bus Reactor Hand Tripped as per RLDC instruction for SPS testing. Outage code: 291 Charging code:292	
400kV Bus Reactor-01 at P.K. Bari	10-08-2024	11:22	11-08-2024	01:51	0:00	0:00	0:00	14:29	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 500 Charging code:532	
400kV Bus Reactor-01 at SM Nagar	11-08-2024	15:08	18-08-2024	01:46	0:00	0:00	0:00	154:38:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 556 Charging code: 895	
400kV Bus Reactor-01 at P.K. Bari	13-08-2024	12:49	14-08-2024	02:26	0:00	0:00	0:00	13:37:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 662 Charging code702	
400kV Bus Reactor-01 at P.K. Bari	14-08-2024	16:44	15-08-2024	01:15	0:00	0:00	0:00	08:31:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 731 Charging code756	
400kV Bus Reactor-01 at P.K. Bari	18-08-2024	18:30	19-08-2024	00:14	0:00	0:00	0:00	05:44:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 934 Charging code : 947	
400kV Bus Reactor-02 at P.K. Bari	19-08-2024	10:28	19-08-2024	21:40	0:00	0:00	0:00	11:12:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 960 Charging code : 980	
400kV Bus Reactor-01 at P.K. Bari	20-08-2024	14:36	20-08-2024	23:28	0:00	0:00	0:00	08:52:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 1001 Charging code : 1025	
400kV Bus Reactor-01 at P.K. Bari	21-08-2024	17:54	22-08-2024	00:53	0:00	0:00	0:00	06:59:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 1060 Charging code : 1071	
400kV Bus Reactor-01 at P.K. Bari	22-08-2024	12:06	23-08-2024	01:40	0:00	0:00	0:00	13:34:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 1090 Charging code : 1130	
400kV Bus Reactor-02 at P.K. Bari	23-08-2024	15:15	26-08-2024	01:29	0:00	0:00	0:00	58:14:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 1148 Charging code : 1267	
400kV Bus Reactor-01 at P.K. Bari	26-08-2024	15:38	27-08-2024	21:38	0:00	0:00	0:00	30:00:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 1297 Charging code : 1374	

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400kV Bus Reactor-02 at P.K. Bari	27-08-2024	18:27	30-08-2024	01:42	0:00	0:00	0:00	55:15:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 1363 Charging code : 1534	
400kV Bus Reactor-01 at P.K. Bari	30-08-2024	10:45	31-08-2024	04:12	0:00	0:00	0:00	17:27:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 1549 Charging code : 1612	
400kV Bus Reactor-01 at P.K. Bari	31-08-2024	15:48	01-09-2024	00:00	0:00	0:00	0:00	08:12:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Still not charged in this month. Outage code: 1648 Charging code :	

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