

NER-II Transmission Limited

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

Schedule I

Element Name	Outage		Restoration		Duration of Outage Attributable to				Reason of Outage	%
	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 AGTTP(NEEPSCO) - P.K.Bari Ckt-1	01-04-2024	00:00:00	01-04-2024	11:04:00	11:04	0:00	0:00	0:00	Continuously in outage from previous month for replacement of punctured insulator. Shutdown code - Charging Code - 032	99.8815%
132kV AGTTP(NEEPSCO) - P.K.Bari Ckt-1	07-04-2024	09:35:00	07-04-2024	20:03:00	0:00	0:00	0:00	10:28	Shutdown availed by SLDC-Tripura for 132kV Main Bus pre monsoon maintenance work at 132kV PK BARI(TSECL) end. Shutdown code - 531 Charging Code - 581	
132kV AGTTP(NEEPSCO) - P.K.Bari Ckt-2	07-04-2024	08:36:00	07-04-2024	11:50:00	3:14	0:00	0:00	0:00	Emergency shutdown availed for safety purpose for damaged insulator replacement work in 400kV SM Nagar - P.K. Bari Ckt-2 because both line is in Multi circuit Tower. Charging readiness was given at 11:50 Hrs but charging code was not received due to shutdown of 132KV MAIN BUS at 132KV PK BARI(TSECL) end availed by SLDC Tripura. Email communication attached herewith for reference. Shutdown code - 524 Charging Code -	
132kV AGTTP(NEEPSCO) - P.K.Bari Ckt-2	07-04-2024	11:50:00	07-04-2024	20:04:00	0:00	0:00	0:00	8:14	After the Charging Clearance by NER-ITL at 11:50 Hrs, the line shutdown was extended by SLDC Tripura for 132KV MAIN BUS for pre monsoon maintenance work at 132KV PK BARI(TSECL) end. Email communication attached herewith for reference. This outage not attributable to NER-ITL. Shutdown code - Charging Code - 586	
400kV Surajmaninagar- P.K.Bari Ckt-2	07-04-2024	08:31:00	07-04-2024	12:07:00	3:36	0:00	0:00	0:00	Emergency shutdown availed for damaged insulator replacement work at tower no. 15/0. Shutdown code - 523 Charging Code - 536	
132kV AGTTP(NEEPSCO) - P.K.Bari Ckt-1	18-04-2024	09:39:00	18-04-2024	16:15:00	6:36	0:00	0:00	0:00	Shutdown availed for testing and commissioning the synchro check BCU, as well as for operations via RTU to ensure smooth integration with CCR SCADA which is based out of Noida, for remote monitoring and operation purpose. Shutdown code - 1276 Charging Code - 1291	
132kV AGTTP(NEEPSCO) - P.K.Bari Ckt-2	18-04-2024	17:03:00	18-04-2024	19:06:00	0:00	2:03	0:00	0:00	Line tripped on transient Y phase to E/F due to Stubble Burning/Jhum Burning under the line corridor at location no. MC 63/0 which causes heavy smoke produced conductive path lead to tripping. Attached here with the Photograph for your reference. Outage was beyond the control of Licensee, Please consider the outage period under Others Category. Shutdown code - Charging Code - 1320	
132kV AGTTP(NEEPSCO) - P.K.Bari Ckt-2	19-04-2024	10:25:00	20-04-2024	01:50:00	0:00	0:00	15:25	0:00	Line tripped due to Bph to Earth fault. (i) Tripping converted to emergency shutdown at 17:53 hrs for replacement of insulator damaged due to lightning enclosed here with the Photograph of Insulator. (ii) Charging clearance given at 22:02 hrs on 19-04-2024 (iii) Charging delayed due to inadvertent human error mistake during synchronizing at NEEPSCO end, operator while closing the breaker inadvertently turn the TNC switch towards trip which lead to tripping from PK Bari End. (iv) Line finally charged at 1:34 hrs. on 20-04-2024.  The above mentioned outage period was beyond the control of NER-ITL, kindly please consider the period under Other / System constraint.  Shutdown code - Charging Code - 1396	

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132kV AGTPP(NEEPCO) - P.K.Bari Ckt-1	20-04-2024	13:01:00	20-04-2024	15:36:00	2:35	0:00	0:00	0:00	Line tripped from NEEPCO end & idle charged from PK BARI end, during ongoing wiring work at the NEEPCO end, team mistakenly opened the B-phase CB at the NEEPCO end. This resulted in a pole discrepancy and the subsequent opening of the circuit breaker at the NEEPCO end. Shutdown code - Charging Code - 1421	
132kV AGTPP(NEEPCO) - P.K.Bari Ckt-2	20-04-2024	13:29:00	20-04-2024	15:31:00	2:02	0:00	0:00	0:00	Line tripped from NEEPCO end & idle charged from PK BARI end, during ongoing wiring work at the NEEPCO end, team mistakenly opened the B-phase CB at the NEEPCO end. This resulted in a pole discrepancy and the subsequent opening of the circuit breaker at the NEEPCO end. Shutdown code - Charging Code - 1422	
400kV D/C Silchar-Misa Ckt 1	29-04-2024	21:27:00	29-04-2024	23:55:00	0:00	0:00	2:28	0:00	Line tripped due to Y-phase to Earth fault from Silchar end and R-phase to Earth fault from MISA end because of lightning. Enclosed here with the IMD report, photograph of Y Phase Jumper in which we found burnt with carbon deposit and flash over marks identified on Hardware Fittings, also enclosed DR file for easy reference. Outage was beyond the control of Licensee, Please consider the outage period under System Constraint Category. Shutdown code - Charging Code - 2203	
400kV D/C Silchar-Misa Ckt 2					0:00	0:00	0:00	0:00	NO Tripping / Outages in this month Shutdown code - Charging Code -	
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 -	
132kV BNC-Gohpur ckt-01					0:00	0:00	0:00	0:00	NO Tripping / Outages in this month Shutdown code - Charging Code -	
132kV Gohpur-Itanagar 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 Surajmani Nagar	25-04-2024	06:40	25-04-2024	10:53	4:13	0:00	0:00	0:00	Tripped due to Y-Phase PRV-1 operated. ICT-1 has been charged with R ph, Spare ph and B ph combination. Shutdown code - Charging Code - 1834	
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 -	
400/132kV 315 MVA ICT-01 at PK Bari					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 PK Bari					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	01-04-2024	00:00	30-04-2024	20:54	0:00	0:00	0:00	716:54	Continuously in outage from previous month. Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 2186/03 Charging code: 2258	
400kV Bus Reactor-01 at P.K. Bari	01-04-2024	00:00	01-04-2024	23:54	0:00	0:00	0:00	23:54	Continuously in outage from previous month. Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 2282/03 Charging code: 097	
400kV Bus Reactor-02 at P.K. Bari	01-04-2024	09:38	03-04-2024	23:54	0:00	0:00	0:00	62:16	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 023 Charging code: 258	

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400kV Bus Reactor-01 at P.K. Bari	02-04-2024	17:25	05-04-2024	21:19	0:00	0:00	0:00	75:54	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 145 Charging code: 401	
400kV Bus Reactor-02 at P.K. Bari	04-04-2024	06:25	08-04-2024	00:31	0:00	0:00	0:00	90:06	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 266 Charging code: 616	
400kV Bus Reactor-01 at SM Nagar	04-04-2024	06:16	09-04-2024	00:49	0:00	0:00	0:00	114:33	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 267 Charging code: 691	
400kV Bus Reactor-01 at P.K. Bari	09-04-2024	08:54	10-04-2024	22:33	0:00	0:00	0:00	37:39	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 702 Charging code: 824	
400kV Bus Reactor-02 at P.K. Bari	10-04-2024	14:49	11-04-2024	03:14	0:00	0:00	0:00	12:25	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 784 Charging code: 826	
400kV Bus Reactor-01 at P.K. Bari	11-04-2024	08:27	13-04-2024	23:27	0:00	0:00	0:00	63:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 827 Charging code: 1011	
400kV Bus Reactor-01 at P.K. Bari	14-04-2024	07:18	14-04-2024	23:12	0:00	0:00	0:00	15:54	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 1019 Charging code: 1063	
400kV Bus Reactor-02 at P.K. Bari	15-04-2024	07:30	20-04-2024	04:27	0:00	0:00	0:00	116:57	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 1068 Charging code: 1398	
400kV Bus Reactor-01 at P.K. Bari	15-04-2024	15:11	15-04-2024	22:46	0:00	0:00	0:00	7:35	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 1090 Charging code: 1130	
400kV Bus Reactor-01 at P.K. Bari	18-04-2024	14:29	19-04-2024	00:03	0:00	0:00	0:00	9:34	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 1285 Charging code: 1341	
400kV Bus Reactor-01 at P.K. Bari	20-04-2024	10:14	27-04-2024	04:21	0:00	0:00	0:00	162:07	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 1412 Charging code: 1982	
400kV Bus Reactor-02 at P.K. Bari	25-04-2024	19:22	26-04-2024	00:49	0:00	0:00	0:00	5:27	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 1880 Charging code: 1905	
400kV Bus Reactor-01 at P.K. Bari	27-04-2024	09:56	28-04-2024	00:44	0:00	0:00	0:00	14:48	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 1995 Charging code: 2062	
400kV Bus Reactor-01 at P.K. Bari	28-04-2024	08:51	28-04-2024	23:19	0:00	0:00	0:00	14:28	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 2079 Charging code: 2138	
400kV Bus Reactor-02 at P.K. Bari	29-04-2024	09:47	01-05-2024	00:00	0:00	0:00	0:00	38:13	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. <b>Still not charged in this month.</b> Outage code: 2154 Charging code:	
400kV Bus Reactor-01 at SM Nagar	30-04-2024	12:22	01-05-2024	00:00	0:00	0:00	0:00	11:38	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. <b>Still not charged in this month.</b> Outage code: 2230 Charging code:	

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	Date	Time	Date	Time	Inter-State Transmission Licensee Hrs:Min	Others Hrs:Min	System constraint/ Natural calamity/ Militancy Hrs:Min	Deemed Available Hrs:Min	Outage	Availability

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**II. Elements where restoration time has exceeded the standards specified in Regulation 5 (b) for the month of April 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 April 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
<b>Total</b>					Nil