

NER-II Transmission Limited

I. AC Transmission Line Outage Details for the month of September 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 Slichar-Misa Ckt 1	08-09-2024	06:04	08-09-2024	12:06	6:02	0:00	0:00	0:00	Line tripped due to Phase to phase fault. Shutdown code - Charging Code - 490	
132kV AGTTP(NEEPSCO) - P.K.Bari Ckt-1	12-09-2024	13:45	12-09-2024	15:14	0:00	1:29	0:00	0:00	Line tripped due to 132KV Main Bus-1 protection operated at Neepco end. Shutdown code - Charging Code - 772	
132kV AGTTP(NEEPSCO) - P.K.Bari Ckt-2	12-09-2024	13:45	12-09-2024	16:10	0:00	2:25	0:00	0:00	Line tripped due to 132KV Main Bus-1 protection operated at Neepco end. Shutdown code - Charging Code - 786	
132kV AGTTP(NEEPSCO) - P.K.Bari Ckt-2	13-09-2024	19:06	13-09-2024	20:45	1:39	0:00	0:00	0:00	Emergency shutdown availed for attending sparking on 89A-Bphase Isolator Main Bus side at 132KV PK Bari Extension(TSECL) Substation. Line charging consent delayed due to peak hours. Shutdown code - Charging Code - 872	
132kV AGTTP(NEEPSCO) - P.K.Bari Ckt-2	13-09-2024	20:45	13-09-2024	22:09	0:00	0:00	0:00	1:24	Emergency shutdown availed for attending sparking on 89A-Bphase Isolator Main Bus side at 132KV PK Bari Extension(TSECL) Substation. i)At 20:45 hrs, charging code requested to NERLDC. ii)At 20:48 hrs, NERLDC suggested that the line will be charged after peak hours i.e., 22:00 hrs. iii)At 22:00 hrs, charging code was received. iv)At 22:09 hrs, line was charged. Email communication has been attached herewith for your reference. Hence, request to consider this period under 'Others' category. Shutdown code - Charging Code - 872	
132kV AGTTP(NEEPSCO) - P.K.Bari Ckt-1	30-09-2024	06:24	30-09-2024	10:28	0:00	0:00	4:04	0:00	Line tripped on phase to phase fault due to lightning. Photographs of flashover marks on insulators have been attached herewith for your reference. Shutdown code - Charging Code - 1812	
132kV AGTTP(NEEPSCO) - P.K.Bari Ckt-2	30-09-2024	06:24	30-09-2024	10:44	0:00	0:00	4:20	0:00	Line tripped on phase to phase fault due to lightning. Photographs of flashover marks on insulators have been attached herewith for your reference. Shutdown code - Charging Code - 1815	
400kV D/C Slichar-Misa Ckt 2									NO Tripping / Outages in the month of September 2024. Shutdown code - Charging Code -	
132kV Gohpur-Itanagar ckt-01									NO Tripping / Outages in the month of September 2024. Shutdown code - Charging Code -	
132kV D/C Itanagar-BNC ckt-01									NO Tripping / Outages in the month of September 2024. Shutdown code - Charging Code -	
132kV BNC-Gohpur ckt-01									NO Tripping / Outages in the month of September 2024. Shutdown code - Charging Code -	
400kV Surajmaninagar- P.K.Bari Ckt-2									NO Tripping / Outages in the month of September 2024. Shutdown code - Charging Code -	
400kV Surajmaninagar- P.K.Bari Ckt-1									NO Tripping / Outages in the month of September 2024. Shutdown code - Charging Code -	
400/132kV 315 MVA ICT-01 at Surajmani Nagar	28-09-2024	16:05	28-09-2024	17:27	1:22	0:00	0:00	0:00	Tripped from LV side during closing of isolator 101-89A Y-phase from switchyard, Y-phase 67 relay O/C & E/F operated, ICT was in idle charged condition from HV Side. Shutdown code - Charging Code - 1742	

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400/132kV 315 MVA ICT-02 at Surajmani Nagar	28-09-2024	16:05	28-09-2024	17:28	1:23	0:00	0:00	0:00	Tripped from LV side during closing of isolator 101-89A Y-phase from switchyard, Y-phase 67 relay O/C & E/F operated, ICT was in idle charged condition from HV Side. Shutdown code - Charging Code - 1743	
400/132kV 315 MVA ICT-01 at PK Bari					0:00	0:00	0:00	0:00	NO Tripping / Outages in the month of September 2024. 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 September 2024. Shutdown code - Charging Code -	
400kV Bus Reactor-02 at SM Nagar	01-09-2024	00:00	01-10-2024	00:00	0:00	0:00	0:00	720:00	Continuously in outage from previous month. Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. <b>Still not charged in this month.</b> Outage code: 233 Charging code:	
400kV Bus Reactor-01 at P.K. Bari	01-09-2024	00:00	01-09-2024	03:44	0:00	0:00	0:00	03:44:00	Continuously in outage from previous month. Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 1648 Charging code: 005	
400kV Bus Reactor-01 at P.K. Bari	01-09-2024	19:15	01-09-2024	23:28	0:00	0:00	0:00	4:13	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 34 Charging code: 41	
400kV Bus Reactor-01 at P.K. Bari	02-09-2024	14:32	03-09-2024	01:09	0:00	0:00	0:00	10:37:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 76 Charging code: 120	
400kV Bus Reactor-01 at P.K. Bari	03-09-2024	14:33	04-09-2024	00:45	0:00	0:00	0:00	10:12	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 142 Charging code: 177	
400kV Bus Reactor-01 at SM Nagar	04-09-2024	13:03	07-09-2024	04:15	0:00	0:00	0:00	63:12:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 194 Charging code: 374	
400kV Bus Reactor-01 at P.K. Bari	08-09-2024	19:16	09-09-2024	02:12	0:00	0:00	0:00	06:56:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 524 Charging code: 535	
400kV Bus Reactor-01 at P.K. Bari	09-09-2024	18:15	10-09-2024	01:02	0:00	0:00	0:00	06:47:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 594 Charging code: 605	
400kV Bus Reactor-01 at P.K. Bari	10-09-2024	14:54	11-09-2024	01:17	0:00	0:00	0:00	10:23	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 635 Charging code: 671	
400kV Bus Reactor-01 at P.K. Bari	11-09-2024	09:44	12-09-2024	23:12	0:00	0:00	0:00	37:28:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 691 Charging code: 807	
400kV Bus Reactor-01 at SM Nagar	12-09-2024	19:18	13-09-2024	21:17	0:00	0:00	0:00	25:59:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 801 Charging code: 868	
400kV Bus Reactor-02 at P.K. Bari	13-09-2024	11:19	14-09-2024	06:41	0:00	0:00	0:00	19:22:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 827 Charging code: 880	
400kV Bus Reactor-01 at P.K. Bari	14-09-2024	11:23	15-09-2024	06:19	0:00	0:00	0:00	18:56	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 896 Charging code: 936	

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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		
400kV Bus Reactor-01 at P.K. Bari	15-09-2024	18:48	17-09-2024	03:16	0:00	0:00	0:00	32:28	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 960 Charging code:1033	
400kV Bus Reactor-01 at P.K. Bari	17-09-2024	07:51	19-09-2024	01:46	0:00	0:00	0:00	41:55:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 1037 Charging code:1120	
400kV Bus Reactor-02 at P.K. Bari	18-09-2024	15:06	22-09-2024	06:42	0:00	0:00	0:00	87:36:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 1088 Charging code:1297	
400kV Bus Reactor-01 at P.K. Bari	19-09-2024	13:59	20-09-2024	20:53	0:00	0:00	0:00	30:54:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 1141 Charging code : 1226	
400kV Bus Reactor-01 at P.K. Bari	22-09-2024	08:29	24-09-2024	04:54	0:00	0:00	0:00	44:25:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 1304 Charging code : 1435	
400kV Bus Reactor-01 at SM Nagar	23-09-2024	11:35	25-09-2024	01:21	0:00	0:00	0:00	37:46:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 1362 Charging code: 1565	
400kV Bus Reactor-01 at P.K. Bari	26-09-2024	12:49	26-09-2024	22:53	0:00	0:00	0:00	10:04:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 1594 Charging code : 1626	
400kV Bus Reactor-01 at P.K. Bari	27-09-2024	09:23	28-09-2024	02:37	0:00	0:00	0:00	17:14:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 1647 Charging code : 1709	
400kV Bus Reactor-01 at P.K. Bari	28-09-2024	12:38	29-09-2024	02:56	0:00	0:00	0:00	14:18:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 1730 Charging code : 1760	
400kV Bus Reactor-01 at P.K. Bari	29-09-2024	12:46	29-09-2024	21:35	0:00	0:00	0:00	08:49:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 1768 Charging code : 1787	
400kV Bus Reactor-02 at P.K. Bari	29-09-2024	18:19	30-09-2024	02:35	0:00	0:00	0:00	08:16:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 1784 Charging code : 1798	
400kV Bus Reactor-01 at SM Nagar	30-09-2024	08:38	30-09-2024	21:39	0:00	0:00	0:00	13:01:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 1806 Charging code: 1856	
400kV Bus Reactor-01 at P.K. Bari	30-09-2024	18:31	01-10-2024	00:00	0:00	0:00	0:00	05:29:00	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. <b>Still not charged in this month.</b> Outage code: 1849 Charging code :	

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