

NER-II Transmission Limited

I. AC Transmission Line Outage Details for the month of June 2023

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 Surajmaninagar- P.K.Bari Ckt-2	04-06-2023	08:39:00	04-06-2023	15:38:00	6:59	0:00	0:00	0:00	NER-ITL taken the emergency Shutdown for attend the 1 no. damaged insulator of Y-Phase at Tower No 28/0. Shutdown code - 243 Charging Code - 261	
400kV D/C Slichar-Misa Ckt 1	12-06-2023	14:35:00	12-06-2023	22:11:00	0:00	7:36	0:00	0:00	Line tripped During DC E/F checking at Misa Sub-station. Tripping converted into Emergency Shutdown at 15:12 Hrs for DC E/F checking and rectification at Misa end vide NERLDC code 762. Emergency shutdown availed by NERTS-Shillong. Shutdown code - Charging Code - 786	
400kV D/C Slichar-Misa Ckt 1	13-06-2023	03:10:00	13-06-2023	16:11:00	0:00	0:00	13:01	0:00	Line tripped on R-E Fault at Silchar end and B-E fault at MISA end due to lightning. Line taken E/S at 09:58 hrs against the code 814 for attending the replacement of Insulator flashover due to lighting. Enclosed here with the photograph of insulator. Shutdown code - Charging Code - 825	
132kV AGTTPP(NEEPCO) - P.K.Bari Ckt-1	14-06-2023	21:53:00	15-06-2023	02:30:00	0:00	4:37	0:00	0:00	Due to transient fault in the line, line tripped and A/R operation was not successful due to Bus Bar protection operated at TSECL end due to wiring issue because of RYB/BRY Phase sequence issue at PK Bari & NEEPCO, which was not identified during the initial charging and same was identified after the tripping occur. Shutdown code - Charging Code - 911	
132kV AGTTPP(NEEPCO) - P.K.Bari Ckt-2	14-06-2023	21:53:00	14-06-2023	23:29:00	0:00	1:36	0:00	0:00	Bus Bar protection operated at TSECL end due to wiring issue because of RYB / BRY Phase sequence issue at PK Bari & NEEPCO, which was not identified during the initial charging and same was identified after the tripping occur. Shutdown code - Charging Code - 909	
132kV AGTTPP(NEEPCO) - P.K.Bari Ckt-1	15-06-2023	23:21:00	17-06-2023	12:21:00	0:00	0:00	37:00	0:00	Line tripped for P K Bari SS only and Idel charged from NEEPCO SS. During charging attempt insulator flashover happened because of insulator become weak due to lightning strike. Enclosed here with the photograph of Insulator and spot of lightning strick. Shutdown code - Charging Code - 1045	
132kV AGTTPP(NEEPCO) - P.K.Bari Ckt-2	15-06-2023	23:24:00	16-06-2023	01:30:00	2:06	0:00	0:00	0:00	Line tripped on Y-phase to Earth Fault. Shutdown code - Charging Code - 972	
400kV D/C Slichar-Misa Ckt 2	17-06-2023	05:13:00	21-06-2023	17:44:00	108:31	0:00	0:00	0:00	Line tripped due to R-Phase to earth fault from Silchar end and R- phase to B-phase from Misa end. Charging attempt was taken on 17.06.2023 at 22:51 Hrs against the code - 1068 and again the line tripped at 22:53Hrs due to R-Phase to earth fault from silchar end & B-phase to earth fault from Misa end SOTF operated from Misa end. Tripping occurred due to insulator failure at multiple location during charging attempt. Shutdown code - Charging Code - 1241	
400kV D/C Slichar-Misa Ckt 1	22-06-2023	10:27:00	22-06-2023	20:00:00	0:00	0:00	0:00	9:33	PGCIL taken the Shutdown for Modification in OTI/WTI and PRV circuit for Line Reactor at Misa SS. During charging time line tripped from Misa end due to SOTF Operated. Shutdown was converted into emergency shutdown. Shutdown code - 1277 Charging Code - 1303	

NER-II Transmission Limited

I. AC Transmission Line Outage Details for the month of June 2023

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	22-06-2023	15:35:00	22-06-2023	16:21:00	0:00	0:00	0:00	0:46	Shutdown taken for the correction in the Bus Bar reley wiring because of RYB / BRY Phase sequence issue at PK Bari & NEEPCO, which was not identified during the initial charging. Shutdown code - 1287 Charging Code - 1289	93.8212%
132kV AGTPP(NEEPCO) - P.K.Bari Ckt-2	22-06-2023	16:27:00	22-06-2023	17:05:00	0:00	0:00	0:00	0:38	Shutdown taken for the correction in the Bus Bar reley wiring because of RYB / BRY Phase sequence issue at PK Bari & NEEPCO, which was not identified during the initial charging. Shutdown code - 1291 Charging Code - 1295	
400kV D/C Slichar-Misa Ckt 1	22-06-2023	20:00:00	01-07-2023	00:00:00	196:00	0:00	0:00	0:00	Shutdown was converted into emergency shutdown for the insulator replacement work, charging attempt taken multiple time but line tripped due to insulator failure at multiple location. Still not charged in this month. Shutdown code - 1336 Charging Code -	
400kV D/C Slichar-Misa Ckt 2	22-06-2023	23:04:00	23-06-2023	01:42:00	0:00	2:38	0:00	0:00	LBB operated at Misa end due to relay maloperation. Again line tripped during charging attemp taken from silchar SS. Shutdown code - Charging Code - 1333	
400kV D/C Slichar-Misa Ckt 2	23-06-2023	01:42:00	24-06-2023	23:21:00	45:39	0:00	0:00	0:00	Charging attemp was taken from silchar SS but line tripped on SOFT due to insulator failure issue. Tripping was converted into emergency shutdown for the rectification of insulator failure. Shutdown code - 1337 Charging Code - 1457	
400kV D/C Slichar-Misa Ckt 2	27-06-2023	17:52:00	29-06-2023	15:36:00	45:44	0:00	0:00	0:00	Line tripped from both ends due to R-phase to earth fault from Silchar end and B-phase to earth fault from Misa end.Tripping occurred due to insulator failure at multiple location during charging attemp. Shutdown code - Charging Code - 1686	
132kV AGTPP(NEEPCO) - P.K.Bari Ckt-1	29-06-2023	05:10:00	01-07-2023	00:00:00	42:50	0:00	0:00	0:00	Line tripped from NEEPCO end at 05:10Hrs on 29-06-2023 due to R-phase to Earth Fault and idle charged from P.K.Bari substation. Tripping was happened due to jumper broken issue. Still Not Charged in this month. Shutdown code - Charging Code -	
400kV D/C Slichar-Misa Ckt 2	30-06-2023	00:09:00	01-07-2023	00:00:00	23:51	0:00	0:00	0:00	Line tripped due to R-phase to earth fault from Silchar end and B-phase to earth fault from Misa end.Tripping occurred due to insulator failure at multiple location during charging attemp. Still Not charged 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 D/C Itanagar-BNC ckt-02					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	04-06-2023	07:04:00	04-06-2023	08:18:00	1:14	0:00	0:00	0:00	Emergency shutdown taken for B phase taken into service in place of Y phase ICT due to leakage observed in Y phase ICT. Shutdown code - 241 Charging Code - 244	
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 -	

NER-II Transmission Limited

I. AC Transmission Line Outage Details for the month of June 2023

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		
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	01-06-2023	00:00:00	09-06-2023	05:02:00	0:00	0:00	0:00	197:02	Continuously in outage from previous month, Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 890/03 Charging code: 583	
400kV Bus Reactor-02 at SM Nagar	13-06-2023	12:06:00	01-07-2023	00:00:00	0:00	0:00	0:00	419:54	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Still not charged in this month. Outage code: 820 Charging code:	
400kV Bus Reactor-02 at P.K. Bari	01-06-2023	00:00:00	01-07-2023	00:00:00	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. Still not charged in this month. Outage code: 1604/05 Charging code:	
400kV Bus Reactor-01 at P.K. Bari	03-06-2023	18:34:00	03-06-2023	23:31:00	0:00	0:00	0:00	4:57	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 208 Charging code: 234	
400kV Bus Reactor-01 at SM Nagar	06-06-2023	11:56:00	14-06-2023	00:09:00	0:00	0:00	0:00	180:13	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 398 Charging code: 855	
400kV Bus Reactor-01 at SM Nagar	24-06-2023	14:41:00	01-07-2023	00:00:00	0:00	0:00	0:00	153:19	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Still Not Charged in this month. Outage code: 1414 Charging code:	

NER-II Transmission Limited

II. Elements where restoration time has exceeded the standards specified in Regulation 5 (b) for the month of June 2023

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 June 2023

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