

NER-II Transmission Limited

I. AC Transmission Line Outage Details for the month of September 2021

Schedule I

Element Name	Outage		Restoration		Duration of Outage Attributable to				Reason of Outage	% Availability
	Date	Time	Date	Time	Inter-State Transmission Licensee	Others	System constraint/ Natural calamity/ Militancy	Deemed Available		
					Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min		
400kV Bus Reactor-02 at SM Nagar	01-09-2021	00:00:00	14-09-2021	13:33:00	0:00	0:00	0:00	325:33	Continuously in outage from August month, hand tripped as per RLDC instruction due to voltage regulation. Outage code: 6651/08 Charging code: 8351	99.9267%
400kV Bus reactor-01 at P.K. Bari	01-09-2021	00:00:00	17-09-2021	10:53:00	0:00	0:00	0:00	394:53	Continuously in outage from August month, hand tripped as per RLDC instruction due to voltage regulation. Outage code: 7395/08 Charging code: 8492	
400kV Bus Reactor-01 at SM Nagar	14-09-2021	13:24:00	01-10-2021	00:00:00	0:00	0:00	0:00	394:36	BR Hand Tripped as per RLDC instruction due to Voltage regulation, Still not charged in this month. Outage code: 8350 Charging code:	
400kV Bus Reactor-02 at P.K. Bari	20-09-2021	12:24:00	01-10-2021	00:00:00	0:00	0:00	0:00	251:36	BR Hand Tripped as per RLDC instruction due to Voltage regulation, Still not charged in this month. Outage code: 8614 Charging code:	
400/132kV 315 MVA ICT-01 at Surajman	07-09-2021	08:21:00	07-09-2021	12:28:00	4:07	0:00	0:00	0:00	NER-II taken shutdown for installation of canopies. Outage code: 8014 Charging code: 8031	
400/132kV 315 MVA ICT-02 at Surajman	08-09-2021	08:09:00	08-09-2021	10:05:00	1:56	0:00	0:00	0:00	NER-II taken shutdown for installation of canopies. Outage code: 8067 Charging code: 8071	
400/132kV 315 MVA ICT-01 at Surajman	11-09-2021	10:54:00	11-09-2021	14:21:00	3:27	0:00	0:00	0:00	ICT Tripped due to PRD-01 Operated in B-phase because of moisture inside the PRD switch. Outage code: Charging code: 8222	
132kV D/C Itanagar-BMC ckt-01	06-09-2021	22:32:00	08-09-2021	10:31:00		0:00		35:39	Line taken out of service as per RLDC instruction due to system requirement for load management. Outage code: 8061 Charging code: 8075	
132kV D/C Itanagar-BMC ckt-01	10-09-2021	18:40:00	11-09-2021	05:58:00		0:00		11:18	Line taken out of service as per RLDC instruction due to system requirement for load management. Outage code: 8187 Charging code: 8198	
132kV AGTPP(NEPCO) - P.K.Bari Ckt-1	29-09-2021	09:10:00	29-09-2021	16:31:00		0:00		7:21	Shutdown availed by SLDC-Tripura for vegetation clearance on 132kV PKBari (FSLC) Main Bus, accordingly the connected lines with Bus are also under shutdown. Outage code: 9068 Charging code: 9088	
132kV AGTPP(NEPCO) - P.K.Bari Ckt-2	29-09-2021	09:10:00	29-09-2021	16:32:00		0:00		7:22	Shutdown availed by SLDC-Tripura for vegetation clearance on 132kV PKBari (FSLC) Main Bus, accordingly the connected lines with Bus are also under shutdown. Outage code: 9068 Charging code: 9088	
400kV Surajmaninagar - P.K.Bari Ckt-1	30-09-2021	11:43:00	30-09-2021	12:33:00		0:50		0:00	Line tripped only from PK Bari end due to Zone-2 operated at R-phase to Earth Fault. Initially the fault was on Surajmani Nagar - Palatana line due to phase mismatch issue of NER-Region, while first time charging of Palatana - surajmani nagar line at Surajmani nagar because of differential relay which was suggested by NERPC/NERLDC. For charging the said line phase mismatching need correction for differential relay accordingly at relay end terminal phase mismatching was corrected and line was successfully charge. Tripping was happened due to grid constraint and as per NERLDC instruction needful correction was implementing at site for avoiding future tripping. Line was life charged from SM Nagar end. Outage code: Charging code: 9134	
400kV Surajmaninagar - P.K.Bari Ckt-2	30-09-2021	11:43:00	30-09-2021	12:34:00		0:51		0:00	Line tripped only from PK Bari end due to Zone-2 operated at R-phase to Earth Fault. Initially the fault was on Surajmani Nagar - Palatana line due to phase mismatch issue of NER-Region, while first time charging of Palatana - surajmani nagar line at Surajmani nagar because of differential relay which was suggested by NERPC/NERLDC. For charging the said line phase mismatching need correction in differential relay accordingly at relay end terminal phase mismatching was corrected and line was successfully charge. Tripping was happened due to grid constraint and as per NERLDC instruction needful correction was implementing at site for avoiding future tripping. Line was life charged from SM Nagar end. Outage code: Charging code: 9135	

## Schedule II

## II. Elements where restoration time has exceeded the standards specified in Regulation 5 (b) for the month of September 2021

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

## Schedule III

## III. Details of compensation paid by the inter-State transmission licensee for the month of September 2021

Element Name	Violation of Regulation 5(a)		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