

NER-II Transmission Limited

I. AC Transmission Line Outage Details for the month of January 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(NEEPSCO) - P.K.Bari Ckt-2	14-01-2024	11:46	15-01-2024	13:45	25:59				Tripped due to Y-Phase to Earth fault due to conductor snapping. Shutdown code - Charging Code - 1028	
132kV D/C Itanagar-BNC ckt-01	22-01-2024	11:16	22-01-2024	19:03		7:47			Shutdown availed by NERTS for addition of time delay of 10ms in DTPC & enabling 3-Ph AR in the said circuit according to direction of NERPC Shutdown code - 1547 Charging Code - 1571	
132kV BNC-Gohpur ckt-01	23-01-2024	11:30	23-01-2024	18:14		6:44			Shutdown availed by Gohpur for addition of time delay of 10ms in DTPC & enabling 3-Ph AR in the said circuit according to direction of NERPC Shutdown code - 1609 Charging Code - 1639	
132kV Gohpur-Itanagar ckt-01	24-01-2024	10:11	24-01-2024	17:35		7:24			Shutdown availed by Gohpur for addition of time delay of 10ms in DTPC & enabling 3-Ph AR in the said circuit according to direction of NERPC Shutdown code - 1681 Charging Code - 1708	
400kV D/C Silchar-Misa Ckt 1	27-01-2024	06:12	27-01-2024	18:58				12:46	NER-IITL availed the shutdown for replacement of entire lot of insulators as per direction of PGCIL and NERLDC in the OCC forum for increasing the system reliability. Kindly consider this outage period under the category of Existing system improvement related work as directed by NERPC OCC Forum. Shutdown code - 1860 Charging Code - 1917	
400kV D/C Silchar-Misa Ckt 1	28-01-2024	06:03	28-01-2024	18:50				12:47	NER-IITL availed the shutdown for replacement of entire lot of insulators as per direction of PGCIL and NERLDC in the OCC forum for increasing the system reliability. Kindly consider this outage period under the category of Existing system improvement related work as directed by NERPC OCC Forum. Shutdown code - 1939 Charging Code - 1976	
400kV D/C Silchar-Misa Ckt 1	29-01-2024	06:12	29-01-2024	18:30				12:18	NER-IITL availed the shutdown for replacement of entire lot of insulators as per direction of PGCIL and NERLDC in the OCC forum for increasing the system reliability. Kindly consider this outage period under the category of Existing system improvement related work as directed by NERPC OCC Forum. Shutdown code - 2002 Charging Code - 2054	
400kV D/C Silchar-Misa Ckt 1	30-01-2024	06:22	30-01-2024	18:38				12:16	NER-IITL availed the shutdown for replacement of entire lot of insulators as per direction of PGCIL and NERLDC in the OCC forum for increasing the system reliability. Kindly consider this outage period under the category of Existing system improvement related work as directed by NERPC OCC Forum. Shutdown code - 2077 Charging Code - 2134	
400kV D/C Silchar-Misa Ckt 1	31-01-2024	06:31	31-01-2024	19:11				12:40	NER-IITL availed the shutdown for replacement of entire lot of insulators as per direction of PGCIL and NERLDC in the OCC forum for increasing the system reliability. Kindly consider this outage period under the category of Existing system improvement related work as directed by NERPC OCC Forum. Shutdown code - 2165 Charging Code - 2216	
132kV AGTPP(NEEPSCO) - P.K.Bari Ckt-1									NO Tripping / Outages in this month Shutdown code - Charging Code -	
400kV D/C Silchar-Misa Ckt 2									NO Tripping / Outages in this month Shutdown code - Charging Code -	

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400kV Surajmaninagar- P.K.Bari Ckt-1									NO Tripping / Outages in this month Shutdown code - Charging Code -	
400kV Surajmaninagar- P.K.Bari Ckt-2									NO Tripping / Outages in this month Shutdown code - Charging Code -	
400/132kV 315 MVA ICT-02 at Surajmani Nagar	05-01-2024	10:27	05-01-2024	14:09	3:42				Shutdown taken for replacement of ICT Bank-2 B-Phase NIPPS Drain Valve. Shutdown code - 308 Charging Code - 312	
400/132kV 315 MVA ICT-01 at PK Bari	09-01-2024	15:14	09-01-2024	16:06	0:52				Emergency shutdown taken for identifying the root cause for discharging of Y-ph ICT air cell. ICT -1 has been charged with R Ph, Spare Ph and B Ph. Shutdown code - 612 Charging Code - 621	
400/132kV 315 MVA ICT-02 at PK Bari									NO Tripping / Outages in this month Shutdown code - Charging Code -	
400/132kV 315 MVA ICT-01 at Surajmani Nagar									NO Tripping / Outages in this month Shutdown code - Charging Code -	
400kV Bus Reactor-02 at SM Nagar	01-01-2024	00:00	14-01-2024	01:55				313:55	Continuously in outage from August. Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 1267/08 Charging code: 954	
400kV Bus Reactor-01 at P.K. Bari	03-01-2024	17:00	04-01-2024	21:41				28:41	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 166 Charging code: 281	
400kV Bus Reactor-01 at P.K. Bari	08-01-2024	14:53	09-01-2024	01:32				10:39	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 526 Charging code: 579	
400kV Bus Reactor-02 at P.K. Bari	09-01-2024	11:08	11-01-2024	00:09				37:01	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 600 Charging code: 746	
400kV Bus Reactor-02 at P.K. Bari	11-01-2024	09:58	12-01-2024	00:21				14:23	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Voltage regulation has been converted into shutdown for analysing the cause of increase in Acetylene in reactor as per the DGA. Outage code: 763 Charging code: 824	
400kV Bus Reactor-02 at P.K. Bari	12-01-2024	00:21	26-01-2024	09:02				344:41	Voltage regulation outage converted into shutdown for analysing the high value of Acetylene in the DGA. In order to assess the overall health of the reactor, an internal inspection was performed by draining the oil. Notably, no anomalies were detected during the inspection. Following the inspection, in adherence to the established procedures, the oil filling process was executed, accompanied by thorough testing before charging and charging clearance was given at 09:02Hrs at 26.01.2024. Kindly consider the outage period under the category of Existing system improvement related work, so that BR will be available for the grid as and when required. Enclosed here with the email communication for reference. Outage code: 824 Charging code:	
400kV Bus Reactor-02 at P.K. Bari	26-01-2024	09:02	28-01-2024	00:13				39:11	NER-IITL given the charging clearance at 09:02Hrs at 26.01.2024. Due to grid constraint the BR was not able to taken into service and at 00:13Hrs on 28.01.2024 the BR was taken into service as per the instruction of NERLDC, enclosed here with the email communication for reference. Outage code: Charging code: 1938	

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400kV Bus Reactor-01 at SM Nagar	17-01-2024	16:21	17-01-2024	23:30				7:09	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 1185 Charging code: 1220	
400kV Bus Reactor-01 at SM Nagar	20-01-2024	18:42	20-01-2024	23:09				4:27	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 1448 Charging code: 1466	
400kV Bus Reactor-01 at SM Nagar	21-01-2024	09:15	21-01-2024	22:28				13:13	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 1477 Charging code: 1524	
400kV Bus Reactor-01 at SM Nagar	27-01-2024	09:20	01-02-2024	00:00				110:40	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Still not charged in this month. Outage code: 1871 Charging code:	
400kV Bus Reactor-01 at P.K. Bari	28-01-2024	17:29	29-01-2024	00:20				6:51	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 1967 Charging code: 1998	
400kV Bus Reactor-01 at P.K. Bari	29-01-2024	10:19	29-01-2024	23:59				13:40	Bus Reactor Hand Tripped as per RLDC instruction due to voltage regulation. Outage code: 2021 Charging code: 2075	

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