

NER-II Transmission Limited

L AC Transmission Line Outage Details for the month of May 2021

Schedule 1

Element Name	Outage		Restoration		Duration of Outage Attributable to				Reason of Outage	% Availability
	Date	Time	Date	Time	Inter-State Transmission License	Others	System operational	Deemed Available		
					Hrs-Min	Hrs-Min	Natural calamity/ Militancy	Hrs-Min		
400kV Bus Reactor-1 at PK Bus 5/S	01-05-2021	00:00:00	04-05-2021	04:43:00	0:00	0:00	0:00	76:43	Continuously in outage, hand tripped as per RLDC instruction due to voltage regulation. Outage code: 10856/03 Charging code: 2214	99.1762%
400kV 125 MVA Bus Reactor-1 at Sangamner Nagar substation	01-05-2021	00:00:00	17-05-2021	11:31:00	0:00	0:00	0:00	395:31	Continuously in outage, hand tripped as per RLDC instruction due to voltage regulation. Outage code: 1714/03 Charging code: 2202	
400kV Bus Reactor-1 at PK Bus 5/S	04-05-2021	12:18:00	30-05-2021	11:09:00	0:00	0:00	0:00	410:51	BR Hand Tripped as per RLDC instruction due to Voltage regulation Outage code: 2245 Charging code: 2641	
400kV Bus Reactor-2 at PK Bus 5/S	01-05-2021	12:10:00	04-05-2021	18:10:00	0:00	0:00	0:00	78:00	Continuously in outage, hand tripped as per RLDC instruction due to voltage regulation. Outage code: 10244/03 Charging code: 2204	
400kV 125 MVA Bus Reactor-2 at Sangamner Nagar substation	17-05-2021	11:30:00	17-05-2021	17:21:00	5:51	0:00	0:00	0:00	Emergency shutdown was taken for replacement and verification of CT leads of relay, changing clearance was given at 17:21hrs and as per RLDC instruction outage has been converted into voltage regulation, for the same no code has been issued, attached email copy for reference. Outage code: 2961 Charging code: No code issued.	
400kV 125 MVA Bus Reactor-2 at Sangamner Nagar substation	17-05-2021	17:21:00	31-05-2021	04:42:00	0:00	0:00	0:00	323:21	As per RLDC instruction outage has been converted into voltage regulation, for the same no code has been issued, attached email copy for reference. Outage code: 2961 Charging code: 3600	
400kV 125 MVA Bus Reactor-1 at Sangamner Nagar substation	20-05-2021	06:21:00	25-05-2021	05:37:00	0:00	0:00	0:00	119:16	Hand tripped as per RLDC instruction due to voltage regulation. Outage code: 3072 Charging code: 2542	
400kV Bus Reactor-2 at PK Bus 5/S	21-05-2021	14:24:00	21-05-2021	15:16:00	0:52	0:00	0:00	0:00	Tripped due to relay misoperation. Outage code: 3140 Charging code: 3140	
400kV Bus Reactor-2 at PK Bus 5/S	25-05-2021	17:54:00	26-05-2021	01:45:00	0:00	0:00	0:00	7:51	Hand tripped as per RLDC instruction due to voltage regulation. Outage code: 3179 Charging code: 3400	
400kV 125 MVA Bus Reactor-1 at Sangamner Nagar substation	26-05-2021	08:24:00	27-05-2021	00:43:00	0:00	0:00	0:00	16:19	Hand tripped as per RLDC instruction due to voltage regulation. Outage code: 3414 Charging code: 3600	
400kV 125 MVA Bus Reactor-1 at Sangamner Nagar substation	27-05-2021	08:13:00	28-05-2021	07:41:00	0:00	0:00	0:00	21:28	Hand tripped as per RLDC instruction due to voltage regulation. Outage code: 3471 Charging code: 3512	
400kV 125 MVA Bus Reactor-1 at Sangamner Nagar substation	28-05-2021	07:54:00	31-06-2021	00:00:00	0:00	0:00	0:00	64:00	Hand tripped as per RLDC instruction due to voltage regulation, still not changed to auto mode. Outage code: 3517 Charging code: 3600	
400kV Bus Reactor-2 at PK Bus 5/S	30-05-2021	11:01:00	30-05-2021	17:00:00	6:59	0:00	0:00	0:00	Emergency shutdown was taken for replacement and verification of CT leads of relay, as per RLDC instruction outage has been converted into voltage regulation, for the same no code has been issued, attached email copy for reference. Outage code: 3643 Charging code: No code issued.	
400kV Bus Reactor-2 at PK Bus 5/S	30-05-2021	11:01:00	31-06-2021	00:00:00	0:00	0:00	0:00	36:50	As per RLDC instruction outage has been converted into voltage regulation, for the same no code has been issued, attached email copy for reference, and changed to auto mode. Outage code: 3643 Charging code: No code issued.	
400/132kV ICT-01 at P.K. Bus substation	10-05-2021	13:23:00	10-05-2021	17:20:00	3:57	0:00	0:00	0:00	ICT has been taken shutdowns Per Faulty AVR replacement in parallel operation. Outage code: 2543 Charging code: 2273	
400/132kV ICT-01 at Sangamner Nagar substation	13-05-2021	11:17:00	13-05-2021	16:14:00	4:59	0:00	0:00	0:00	Emergency shutdown has been taken for verification of all 8 buses from radiator bank. Outage code: 2563 Charging code: 2273	
132kV PK Bus - N22PDC Ckt-01	01-05-2021	07:36:00	01-05-2021	16:03:00	8:27	0:00	0:00	0:00	Line tripped on B-Phase to earth fault Outage code: 2004 Charging code: 2004	
132kV D/C Breaker/Chamber(BNC) - Storage Line Ckt-01	13-05-2021	16:57:00	13-05-2021	13:55:00	1:58	0:00	0:00	0:00	Line tripped due to Y phase Transformer get blown at Storage 5/S. Outage code: 2719 Charging code: 2719	
132kV D/C Breaker/Chamber(BNC) - Storage Line Ckt-02	13-05-2021	16:57:00	13-05-2021	20:53:00	0:00	1:56	0:00	0:00	Line tripped due to Y phase Transformer get blown at BNC Transformer Ckt-1 at Storage 5/S. Outage code: 2661 Charging code: 2661	
132kV PK Bus - N22PDC Ckt-01	20-05-2021	06:13:00	20-05-2021	16:01:00	9:48	0:00	0:00	0:00	NER-II Takes the shutdowns for defect verification work. Changing clearance was given at 16:01hrs. Attached email copy for reference. Outage code: 3070 Charging code: 3094	
132kV PK Bus - N22PDC Ckt-02	20-05-2021	06:14:00	20-05-2021	16:01:00	9:47	0:00	0:00	0:00	NER-II Takes the shutdowns for defect verification work. Changing clearance was given at 16:01hrs. Attached email copy for reference. Outage code: 3071 Charging code: 3097	
400kV D/C P.K. Bus-Sangamner Nagar Ckt-01	20-05-2021	06:29:00	20-05-2021	16:01:00	10:32	0:00	0:00	0:00	NER-II Takes the shutdowns for defect verification work. Changing clearance was given at 16:01hrs. Attached email copy for reference. Outage code: 3075 Charging code: 3092	
400kV D/C P.K. Bus-Sangamner Nagar Ckt-02	20-05-2021	06:16:00	20-05-2021	16:01:00	9:45	0:00	0:00	0:00	NER-II Takes the shutdowns for defect verification work. Changing clearance was given at 16:01hrs. Attached email copy for reference. Outage code: 3072 Charging code: 3095	
132kV PK Bus - N22PDC Ckt-02	26-05-2021	08:26:00	26-05-2021	18:03:00	9:37	0:00	0:00	0:00	Shutdowns Taken for Rectification of Sag Measurement and other defect verification work. Outage code: 3411 Charging code: 3410	
400kV D/C P.K. Bus-Sangamner Nagar Ckt-02	26-05-2021	08:19:00	26-05-2021	17:24:00	9:05	0:00	0:00	0:00	Shutdowns Taken for Rectification of Sag Measurement and other defect verification work. Outage code: 3412 Charging code: 3417	
132kV PK Bus - N22PDC Ckt-02	27-05-2021	08:25:00	27-05-2021	19:57:00	11:32	0:00	0:00	0:00	Shutdowns Taken for Rectification of Sag Measurement and other defect verification work. Outage code: 3471 Charging code: 3504	
400kV D/C P.K. Bus-Sangamner Nagar Ckt-02	27-05-2021	08:21:00	27-05-2021	19:52:00	11:31	0:00	0:00	0:00	Shutdowns Taken for Rectification of Sag Measurement and other defect verification work. Outage code: 3472 Charging code: 3503	
132kV D/C Breaker/Chamber(BNC) - Storage Line Ckt-01	27-05-2021	12:34:00	27-05-2021	12:43:00	0:40	0:00	0:00	0:00	Line hand tripped as per RLDC instruction for Broken Line Load at BNC. Outage code: 3485 Charging code: 3486	
132kV PK Bus - N22PDC Ckt-01	28-05-2021	07:35:00	28-05-2021	18:41:00	11:06	0:00	0:00	0:00	Shutdowns Taken for Rectification of Sag Measurement and other defect verification work. Outage code: 3513 Charging code: 3550	
400kV D/C P.K. Bus-Sangamner Nagar Ckt-01	28-05-2021	07:47:00	28-05-2021	18:59:00	11:12	0:00	0:00	0:00	Shutdowns Taken for Rectification of Sag Measurement and other defect verification work. Outage code: 3514 Charging code: 3549	
132kV PK Bus - N22PDC Ckt-01	29-05-2021	07:35:00	29-05-2021	17:53:00	10:18	0:00	0:00	0:00	Shutdowns Taken for Rectification of Sag Measurement and other defect verification work. Outage code: 3574 Charging code: 3584	
400kV D/C P.K. Bus-Sangamner Nagar Ckt-01	29-05-2021	07:47:00	29-05-2021	18:12:00	10:25	0:00	0:00	0:00	Shutdowns Taken for Rectification of Sag Measurement and other defect verification work. Outage code: 3575 Charging code: 3585	
132kV PK Bus - N22PDC Ckt-02	30-05-2021	08:00:00	30-05-2021	16:47:00	8:47	0:00	0:00	0:00	Shutdowns Taken for Rectification of Sag Measurement and other defect verification work. Outage code: 3634 Charging code: 3658	
400kV D/C P.K. Bus-Sangamner Nagar Ckt-02	30-05-2021	08:04:00	30-05-2021	16:47:00	8:43	0:00	0:00	0:00	Shutdowns Taken for Rectification of Sag Measurement and other defect verification work. Outage code: 3633 Charging code: 3659	

Schedule II

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