

Bhopal Dhule Transmission Company Limited

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

Schedule I

Element Name	Outage		Restoration		Inter-State Transmission Licensee Hrs:Min	Duration of Outage Attributable to			Reason of Outage	% Availability
	Date	Time	Date	Time		Others Hrs:Min	System constraint/ Natural calamity/ Militancy Hrs:Min	Deemed Available Hrs:Min		
765KV S/C Aurangabad-Dhule Line	01-07-2023	11:19:00	01-07-2023	13:21:00	0:00	0:00	0:00	2:02	BDTCL taken the Line shutdown for spare reactor switching, As per CEA regulation to ensure hot spare healthiness, in every 6 months switching operation was carried out. Last spare changeover done on 14.01.2023. Line outage is required along with line reactor due to system constraints. As per 540OCC for BR switching 3hrs period will be considered under deemed availability. No maintenance activity was done.	99.90%
765 KV Aurangabad Line Reactor at BDTCL Dhule	01-07-2023	11:19:00	01-07-2023	13:21:00	0:00	0:00	0:00	2:02	BDTCL Taken the shutdown for the switching operation for the swapping of LR-Y phase with the spare unit. As per CEA regulation to ensure hot spare healthiness, in every 6 months switching operation was carried out. Last spare changeover done on 14.01.2023. As per 540OCC for BR switching 3hrs period will be considered under deemed availability. No maintenance activity was done.	
765 KV Bus Reactor at BDTCL Dhule	03-07-2023	09:26:00	08-07-2023	02:19:00	0:00	0:00	0:00	112:53	Bus reactor hand tripped as per RLDC instruction due to voltage regulation.	
400 kV Bhopal(BDTCL) -Bhopal(MPPTCL) I	03-07-2023	10:20:00	03-07-2023	16:52:00	0:00	0:00	0:00	6:32	MPPTCL taken the shutdown for bay equipment maintenance work.	
400 kV Bhopal(BDTCL) -Bhopal(MPPTCL) II	05-07-2023	09:50:00	05-07-2023	17:17:00	0:00	0:00	0:00	7:27	MPPTCL taken the shutdown for bay equipment maintenance work.	
765/400 KV ICT 2 at BDTCL Bhopal	12-07-2023	11:17:00	12-07-2023	13:26:00	0:00	0:00	0:00	2:09	BDTCL Taken the shutdown for the switching operation for the swapping of ICT-2 R phase with the spare unit. As per CEA regulation to ensure hot spare healthiness, in every 6 months switching operation was carried out. Last spare changeover done on 20.01.2023. As per 540OCC for ICT switching 5hrs period will be considered under deemed availability. No maintenance activity was done.	
765 kv bus reactor at BDTCL Bhopal	21-07-2023	09:51:00	30-07-2023	12:25:00	0:00	0:00	0:00	218:34	Bus reactor hand tripped as per RLDC instruction due to voltage regulation. Charging code was received at 12:25 Hrs on 30-07-2023 for 765kV,240 MVAR Bus reactor but due to problem in spare phase Isolator charging code has been cancelled. Voltage regulation has been converted into shutdown.	

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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		
765 KV S/C Bhopal(BDTCL) Jabalpur(PGCIL) Line	29-07-2023	11:39:00	29-07-2023	14:40:00	3:01	0:00	0:00	0:00	BDTCL taken the emergency shutdown for B-Phase dropper conductor fixing and tightness work. Charging Clearance was given at 14:10Hrs, charging code was received at 15:14Hrs and line was finally charged at 15:45Hrs. BDTCL considering additional 30min from the charging clearance time into BDTCL account. Kindly consider addition outage period under Others. Enclosed here with the email communication for your reference.	
765 KV S/C Bhopal(BDTCL) Jabalpur(PGCIL) Line	29-07-2023	14:40:00	29-07-2023	15:45:00	0:00	1:05	0:00	0:00	BDTCL taken the emergency shutdown for B-Phase dropper conductor fixing and tightness work. Charging Clearance was given at 14:10Hrs, charging code was received at 15:14Hrs and line was finally charged at 15:45Hrs. BDTCL considering additional 30min from the charging clearance time into BDTCL account. Kindly consider addition outage period under Others. Enclosed here with the email communication for your reference.	
765 kv bus reactor at BDTCL Bhopal	30-07-2023	12:25:00	30-07-2023	19:07:00	6:42	0:00	0:00	0:00	Voltage regulation shutdown has been converted into emergency shutdown due to problem in spare phase switching isolator. The 765kV, 240MVar Bus Reactor taken into service at with R (In Place of Spare Phase), Y & B phase.	

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

**III. Details of compensation paid by the inter-State transmission licensee for the month of Jul 2023**

**Schedule III**

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

