

Bhopal Dhule Transmission Company Limited

I. AC Transmission Line Outage Details for the month of DEC 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		
765/400 KV ICT 2 at BDTCL Dhule	02-12-2023	16:22:00	02-12-2023	20:07:00	3:45	0:00	0:00	0:00	Emergency shutdown availed for arresting the leakage from Shutter valve of main tank of ICT-2 Y-Phase.	99.96%
765 KV Bus Reactor at BDTCL Dhule	04-12-2023	06:54:00	04-12-2023	20:31:00	0:00	0:00	0:00	13:37	Bus reactor hand tripped as per RLDC instruction due to voltage regulation.	
765 kv bus reactor at BDTCL Bhopal	04-12-2023	09:20:00	06-12-2023	01:04:00	0:00	0:00	0:00	39:44	Bus reactor hand tripped as per RLDC instruction due to voltage regulation.	
765 KV Bus Reactor at BDTCL Dhule	05-12-2023	06:55:00	05-12-2023	22:57:00	0:00	0:00	0:00	16:02	Bus reactor hand tripped as per RLDC instruction due to voltage regulation.	
765 kv bus reactor at BDTCL Bhopal	06-12-2023	07:37:00	15-12-2023	22:31:00	0:00	0:00	0:00	230:54	Bus reactor hand tripped as per RLDC instruction due to voltage regulation.	
765 KV Bus Reactor at BDTCL Dhule	07-12-2023	10:00:00	07-12-2023	21:52:00	0:00	0:00	0:00	11:52	Bus reactor hand tripped as per RLDC instruction due to voltage regulation.	
765 KV Bus Reactor at BDTCL Dhule	08-12-2023	07:01:00	08-12-2023	21:55:00	0:00	0:00	0:00	14:54	Bus reactor hand tripped as per RLDC instruction due to voltage regulation.	
765 KV Bus Reactor at BDTCL Dhule	09-12-2023	07:08:00	09-12-2023	22:17:00	0:00	0:00	0:00	15:09	Bus reactor hand tripped as per RLDC instruction due to voltage regulation.	
765 KV Bus Reactor at BDTCL Dhule	11-12-2023	07:40:00	12-12-2023	22:13:00	0:00	0:00	0:00	38:33	Bus reactor hand tripped as per RLDC instruction due to voltage regulation. Charged with Spare-Phase in place of B-Phase due to B-Phase isolator stuck issue. Now the current configuration is R-Phase, Y-Phase and Spare-Phase for 765 KV Bus Reactor at BDTCL Dhule.	
765 KV Bus Reactor at BDTCL Dhule	13-12-2023	08:07:00	13-12-2023	20:14:00	0:00	0:00	0:00	12:07	Bus reactor hand tripped as per RLDC instruction due to voltage regulation.	
400 kv bus reactor at BDTCL Bhopal	13-12-2023	09:17:00	18-12-2023	02:32:00	0:00	0:00	0:00	113:15	Bus reactor hand tripped as per RLDC instruction due to voltage regulation.	
765 KV Bus Reactor at BDTCL Dhule	14-12-2023	09:12:00	14-12-2023	20:08:00	0:00	0:00	0:00	10:56	Bus reactor hand tripped as per RLDC instruction due to voltage regulation.	
765 KV Bus Reactor at BDTCL Dhule	15-12-2023	09:29:00	15-12-2023	20:16:00	0:00	0:00	0:00	10:47	Bus reactor hand tripped as per RLDC instruction due to voltage regulation.	
765 KV S/C Bhopal(BDTCL) Jabalpur(PGCIL) Line	15-12-2023	10:43:00	15-12-2023	12:21:00	0:00	0:00	0:00	1:38	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 15.06.2023. Line outage is required along with line reactor due to system constraints. Charging clearance was given at 12:21Hrs and due to reason beyond the control of BDTCL charging was delayed. No maintenance activity was done.	

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765 KV S/C Bhopal(BDTCL) Jabalpur(PGCIL) Line	15-12-2023	12:21:00	15-12-2023	16:01:00	0:00	0:00	3:40	0:00	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 15.06.2023. Line outage is required along with line reactor due to system constraints. Charging clearance was given at 12:21Hrs and due to reason beyond the control of BDTCL charging was delayed. No maintenance activity was done.	
765 kv Bhopal-Jabalpur LR at Bhopal	15-12-2023	10:43:00	15-12-2023	12:21:00	0:00	0:00	0:00	1:38	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 15.06.2023. Line outage is required along with line reactor due to system constraints. Charging clearance was given at 12:21Hrs and due to reason beyond the control of BDTCL charging was delayed. No maintenance activity was done.	
765 kv Bhopal-Jabalpur LR at Bhopal	15-12-2023	12:21:00	15-12-2023	16:01:00	0:00	0:00	3:40	0:00	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 15.06.2023. Line outage is required along with line reactor due to system constraints. Charging clearance was given at 12:21Hrs and due to reason beyond the control of BDTCL charging was delayed. No maintenance activity was done.	
765 KV Bus Reactor at BDTCL Dhule	16-12-2023	06:48:00	16-12-2023	20:13:00	0:00	0:00	0:00	13:25	Bus reactor hand tripped as per RLDC instruction due to voltage regulation.	
765 kv bus reactor at BDTCL Bhopal	16-12-2023	07:01:00	16-12-2023	21:50:00	0:00	0:00	0:00	14:49	Bus reactor hand tripped as per RLDC instruction due to voltage regulation.	
765 KV Bus Reactor at BDTCL Dhule	17-12-2023	07:34:00	17-12-2023	21:22:00	0:00	0:00	0:00	13:48	Bus reactor hand tripped as per RLDC instruction due to voltage regulation.	
765 kv bus reactor at BDTCL Bhopal	17-12-2023	07:50:00	17-12-2023	21:25:00	0:00	0:00	0:00	13:35	Bus reactor hand tripped as per RLDC instruction due to voltage regulation.	
765 KV Bus Reactor at BDTCL Dhule	18-12-2023	10:29:00	18-12-2023	20:23:00	0:00	0:00	0:00	9:54	Bus reactor hand tripped as per RLDC instruction due to voltage regulation.	

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765 kv bus reactor at BDTCL Bhopal	18-12-2023	10:13:00	19-12-2023	02:22:00	0:00	0:00	0:00	16:09	Bus reactor hand tripped as per RLDC instruction due to voltage regulation.	
765 KV Bus Reactor at BDTCL Dhule	19-12-2023	09:44:00	19-12-2023	20:32:00	0:00	0:00	0:00	10:48	Bus reactor hand tripped as per RLDC instruction due to voltage regulation.	
765 kv bus reactor at BDTCL Bhopal	19-12-2023	09:49:00	20-12-2023	20:23:00	0:00	0:00	0:00	34:34	Bus reactor hand tripped as per RLDC instruction due to voltage regulation.	
765 KV Bus Reactor at BDTCL Dhule	20-12-2023	08:54:00	20-12-2023	20:26:00	0:00	0:00	0:00	11:32	Bus reactor hand tripped as per RLDC instruction due to voltage regulation.	
765 KV Bus Reactor at BDTCL Dhule	21-12-2023	08:47:00	21-12-2023	19:28:00	0:00	0:00	0:00	10:41	Bus reactor hand tripped as per RLDC instruction due to voltage regulation.	
765 kv bus reactor at BDTCL Bhopal	21-12-2023	09:14:00	21-12-2023	19:37:00	0:00	0:00	0:00	10:23	Bus reactor hand tripped as per RLDC instruction due to voltage regulation.	
765 KV Bus Reactor at BDTCL Dhule	22-12-2023	10:32:00	22-12-2023	20:22:00	0:00	0:00	0:00	9:50	Bus reactor hand tripped as per RLDC instruction due to voltage regulation.	
765 kv bus reactor at BDTCL Bhopal	22-12-2023	10:27:00	23-12-2023	22:08:00	0:00	0:00	0:00	35:41	Bus reactor hand tripped as per RLDC instruction due to voltage regulation.	
765 kv bus reactor at BDTCL Bhopal	24-12-2023	07:49:00	24-12-2023	22:02:00	0:00	0:00	0:00	14:13	Bus reactor hand tripped as per RLDC instruction due to voltage regulation.	
765 KV Bus Reactor at BDTCL Dhule	24-12-2023	07:45:00	24-12-2023	21:06:00	0:00	0:00	0:00	13:21	Bus reactor hand tripped as per RLDC instruction due to voltage regulation.	
765 kv bus reactor at BDTCL Bhopal	25-12-2023	07:36:00	31-12-2023	23:08:00	0:00	0:00	0:00	159:32	Bus reactor hand tripped as per RLDC instruction due to voltage regulation.	
765 KV Bus Reactor at BDTCL Dhule	25-12-2023	07:41:00	25-12-2023	20:16:00	0:00	0:00	0:00	12:35	Bus reactor hand tripped as per RLDC instruction due to voltage regulation.	
765 KV Bus Reactor at BDTCL Dhule	26-12-2023	08:54:00	28-12-2023	19:41:00	0:00	0:00	0:00	58:47	Bus reactor hand tripped as per RLDC instruction due to voltage regulation. Charged with B-Phase in place of Spare-Phase after resolving the B-phase Isolator gear box alignment. Now the current configuration is R-Phase, Y-Phase and B-Phase for 765 KV Bus Reactor at BDTCL Dhule.	
765 KV Bus Reactor at BDTCL Dhule	29-12-2023	09:30:00	29-12-2023	20:03:00	0:00	0:00	0:00	10:33	Bus reactor hand tripped as per RLDC instruction due to voltage regulation.	
765 KV Bus Reactor at BDTCL Dhule	29-12-2023	20:06:00	29-12-2023	21:05:00	0:59	0:00	0:00	0:00	Emergency shutdown taken due to heavy sparking observed at 707-89BR-B1 isolator, to prevent sparking/damage to nearby property. BDTCL given the charging clearance at 21:05 Hrs on 29/12/2023 for charging of spare bus reactor in place of B-phase but grid code was not issued from WRLCD due to voltage regulation.	

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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	Outage	Availability
765 KV Bus Reactor at BDTCL Dhule	29-12-2023	21:05:00	30-12-2023	21:03:00	0:00	0:00	0:00	23:58	BDTCL given the charging clearance at 21:05 Hrs on 29/12/2023 for charging of spare bus reactor in place of B-phase but grid code was not issued from WRDLC due to voltage regulation.	
400 kV Bhopal(BDTCL) -Bhopal(MPPTCL) I	30-12-2023	09:13:00	30-12-2023	18:19:00	9:06	0:00	0:00	0:00	For Post- Monsoon Maintenance Work	
400 kV Bhopal(BDTCL) -Bhopal(MPPTCL) II	31-12-2023	09:05:00	31-12-2023	14:31:00	5:26	0:00	0:00	0:00	For Post- Monsoon Maintenance Work	
765 KV Bus Reactor at BDTCL Dhule	31-12-2023	10:06:00	31-12-2023	20:19:00	0:00	0:00	0:00	10:13	Bus reactor hand tripped as per RLDC instruction due to voltage regulation.	
BHOPAL-INDORE 765 KV LINE					0:00	0:00	0:00	0:00	No outages in this month	
765kV Dhule(BDTCL) - Vadodara(PG)					0:00	0:00	0:00	0:00	No outages in this month	
765/400 KV ICT 1 at BDTCL Bhopal					0:00	0:00	0:00	0:00	No outages in this month	
765KV S/C Aurangabad-Dhule Line					0:00	0:00	0:00	0:00	No outages in this month	
765 KV Aurangabad Line Reactor at BDTCL Dhule					0:00	0:00	0:00	0:00	No outages in this month	
765/400 KV ICT 2 at BDTCL Bhopal					0:00	0:00	0:00	0:00	No outages in this month	
400 KV Bus Reactor at BDTCL Bhopal					0:00	0:00	0:00	0:00	No outages in this month	
765 KV Indore LR at BDTCL Bhopal					0:00	0:00	0:00	0:00	No outages in this month	
765/400 KV ICT 1 at BDTCL Dhule					0:00	0:00	0:00	0:00	No outages in this month	
400KV Dhule(BDTCL)-Dhule MSETCL CKT-1					0:00	0:00	0:00	0:00	No outages in this month	
400KV Dhule(BDTCL)-Dhule MSETCL CKT-2					0:00	0:00	0:00	0:00	No outages in this month	
765 KV Vadodara Line Reactor at BDTCL Dhule					0:00	0:00	0:00	0:00	No outages in this month	

Bhopal Dhule Transmission Company Limited

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

