

No. HQ-OPBD(RTPQ)/1/2021 (27954)

Date : 08 .07.2024

Sub : Providing information w.r.t. RTI Application received under the RTI Act 2005

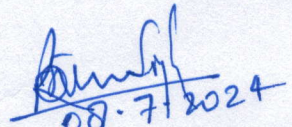
Ref : JGM/Admin(CPIO) e-mail (RTI-549), Dated – 14.06.2024

In reference to above, item wise reply is given below:

S. No.	RTI	Reply
1.	Line capacity Utilization Statement for the year 2023-2024 or latest whichever available.	<ol style="list-style-type: none">1. Regarding line capacity, Page No. 17 of Business Plan of DFCCIL (Chapter: 'Fundamental Design Parameters') is attached (annex-I).2. In regard to No. of trains run on each corridor, a system generated report is annexed (annexure-II).

This has the approval of GM/OP&BD.

DA : As above


08.7.2024
AGM/OP&BD

JGM/Admin

Table 1: Fundamental Design Parameters

Parameter	Specifications
Axle Load	25 tonne, with Bridges & Formation for 32.5 tonne loading standard.
Traction	Electric, 2x25 kv, 50 hz single phase AC
Speed	Maximum permissible speed - 100 kmph, commercial speed -60-65 kmph
Rolling Stock	Locomotives: 9000 HP and 12000 HP Wagons: 25 ton axle load
Line capacity & train operations	Line capacity of 120 trains each way per day and headway of 10 minutes in the initial years. To be increased to 170 trains each way per day and headway of 7 minutes. Scheduled running of trains so as to avoid wastage of path. Long haul operations to be introduced from the beginning of the commencement of train operations on DFC so that the system is well established by the time the line capacity comes under strain.
Double stack trains	Double-stack container train operation on the Western Corridor
Track	60 kg/m, UIC/90 UTS rails, (HH Rail on WDFC) PSC sleepers, 1660 nos./km density.
Points and Crossings	60 kg rail, 1 in 12 curved switches
Ballast	300/350 mm cushion
Ruling Gradient	1 in 200 (compensated)
Curves	Maximum degree of curvature of 2.5° (700m radius) to ensure sustained speed potential of 100kmph; curve compensation @ 0.04% per degree of curvature.
Formation	Formation width : Double-line – 13.5 m, Single Line – 7.6 m; Side slope of embankment to be maintained at 2:1 ; blanket thickness as per RDSO GE :0014 specification
Moving Dimensions	Vertical MMD of 7.1 m on Western Corridor and 5.1 m on Eastern Corridor
Track Centres	6.0 m
Bridges	Standard of loading of 32.5 tonne axle load; 12 tonne/m trailing load

FY 2023-24		EDFC : Number of Trains													
Section >	Month	SEBN/CPBN-DDUN		DDUN-BPUN		BPUN-KRJN		KRJN-BRKN		KRJN-KATN		EDFC Total			
		UP	DN	UP	DN	UP	DN	UP	DN	UP	DN				
	Total	9622	16801	18780	15760	17930	15669	10990	6408	840	1914	54424			
	Apr-23	306	609	854	787	1012	1115	707	389			3,801			
	May-23	426	810	995	762	1105	1046	759	361			4,007			
	Jun-23	609	1164	963	836	1105	1068	746	372			4,105			
	Jul-23	647	1280	1268	1124	1242	1155	523	446			4178			
	Aug-23	802	1332	1452	1160	1489	1219	742	470			4,254			
	Sep-23	854	1429	1692	1419	1606	1318	863	602			4,543			
	Oct-23	817	1262	1831	1348	1679	1209	878	595	0	262	4,686			
	Nov-23	870	1378	1810	1599	1645	1487	879	593	22	366	4,666			
	Dec-23	1021	1642	1911	1507	1773	1501	1070	634	90	318	4,906			
	Jan-24	1003	1686	1815	1569	1727	1482	1172	632	167	332	4,714			
	Feb-24	1150	1949	2028	1683	1840	1458	1357	628	232	326	5,082			
	Mar-24	1117	2260	2161	1966	1707	1611	1294	686	329	310	5,482			

No. of Trains Run in DFCCIL					
2023-24	EDFC		WDFC		Total
	UP	DN	UP	DN	
Apr	1,727	2,074	1,187	1,362	6,350
May	1,949	2,058	1,192	1,279	6,478
Jun	1,837	2,268	1,060	1,150	6,315
Jul	1,881	2,298	1,161	1,439	6,779
Aug	2,029	2,225	1,321	1,492	7,067
Sep	2,170	2,373	1,239	1,455	7,237
Oct	2,347	2,339	1,399	1,523	7,608
Nov	2,319	2,347	1,179	1,400	7,245
Dec	2,320	2,586	1,369	1,503	7,778
Jan	2,138	2,576	1,568	1,486	7,768
Feb	2,400	2,682	1,624	1,534	8,240
Mar	2,494	2,988	2,026	1,852	9,360
Grand Total	25,611	28,814	16,325	17,475	88,225