

Dedicated Freight Corridor Projects (EDFC & WDFC)

(Ending May 2021)

1. Project in brief:

- a. Total length of Eastern & Western DFC (Eastern – 1337 kms, Western – 1506 kms) - 2843 Kms (except Sonnagar-Dankuni section)
- b. Total Estimated Cost (Including Land) - Rs. 95,238 Cr (Rs 21,846 Land + Rs. 73,392 Hard & Soft Cost)
- c. Target - June 2022
- d. Cumulative CAPEX upto 31.03.2021 - Rs. 74,177 Cr
(17,291 Cr Land + 56,886 Cr Contracts & Others)
- e. Financial progress (Works) - 71 %
- f. Funding:
 - Eastern corridor
 - Ludhiana-DDU (1200 km) with World Bank funding of (US \$ 1.775 billion)
 - DDU-Sonnagar (137 km) with Indian Railway funding of Rs 3679 Cr
 - Dankuni-Sonnagar (538 km) through PPP (Rs 15,926 Cr)
 - Western corridor
 - Dadri-JNPT(1506 km) (Phase-I & II) with JICA funding of Rs 38,722 Cr

2. Highlights for April'21:

- a) Hon'ble MR reviewed DFC progress on 19.05.2021 in which critical issues affecting progress of works and operational preparedness, business development of DFCCIL were discussed and directions given to resolve them. Hon'ble MR has conducted 25 review meetings of DFC since in last nine months.
- b) Freight train on DFC clocked average speed of 99.30 kmph, significantly higher than Rajdhani trains. The feat was achieved on the 351-km New Khurja-New Bhaupur section of the Eastern Dedicated Freight Corridor (EDFC).
- c) **DFIS** (Dedicated Freight Information System), an in-house project- IT based solution for real time train running and monitoring, fully integrable with multi TMS (Alstom, Hitachi, Kyosan, Siemens), FOIS and other future projects. This will enable monitoring of train Passing activity and inspection of Stations Remotely.
- d) More than 4000 trains have been run in newly inaugurated sections of Madar-Palanpur & Khurja-Bhaupur earning more than **3 Billion GTKM** since the commissioning. Average speed of trains was 55 kmph, substantially higher than average speed of freight trains in Indian Railways. Additional 453 km of corridor is completed. Kandla, Mundra & Pipavav ports of western India will shortly be connected with National Capital Region. This will also decongest passenger traffic on already saturated sections in Uttar Pradesh and Bihar.

e) Progress of major items :

- i. Track linking :
 - During 2021-22 : 131 Km
 - Cumulative Progress : 3452 Km
- ii. OHE wiring:
 - During 2021-22 : 29 Km
 - Cumulative Progress : 2689 Km
- iii. Other major items:
 - Major Bridges : 311 completed out of 540. (58%)

- RUBs : 1105 completed out of 1582. (70%)
- ROBs : 93 completed out of 302. (30%)

f) **Award of Contracts:**

All contracts of EDFC & WDFC worth Rs 56,952 Cr have been awarded and Cumulative contractual progress till May'21 is Rs 40,477 Crs (71%)

3. Progress of land acquisition (along the alignment) up to May, 2021:

Section	Total scope (Ha)	Notification u/s 20A (Ha)	Award u/s 20F (Ha)
Eastern Corridor (without Sonnagar-Dankuni)	4619	4619 (100%)	4619 (100%)
Western Corridor	6000	6000 (100%)	5991 (99.8%)
Total	10619	10619 (100%)	10610 (99.9%)
Sonnagar-Dankuni section (PPP)	1195	1125 (94.1%)	1045 (87.4%)

Issues pertaining to Land Acquisition:

There are 6 patches affecting a length of 5 km in EDFC and 8 patches affecting a length of 5.2 km in WDFC due to various land issues.

4. Section-wise progress

Section/ Packages		Length	Commissioning Target	Financial Progress
WDFC				
Rewari-Palanpur	Rewari-Madar	306 km	Commissioned	71 %
	Madar-Palanpur	335 km	Completed	
Palanpur-Makarpura		308 Km	Mar 2022	
Makarpura-Sachin		135 Km	June 2022	
Sachin-Vaitarna		186 Km		
Vaitarna-JNPT		109 Km	March 2022	
Dadri-Rewari		127 Km		
EDFC				
Bhaupur-Khurja		351 km	Commmissioned	72 %
Bhaupur - DDU	Bhaupur-Sujatpur	180 Km	Dec 2021	
	Sujatpur-DDU	222 Km	June 2022	
DDU -Sonnagar	DDU-Ganjkhwaja	37 km	Dec 2021	
	Ganjkhwaja-Chirailpathu	100 km	Completed	
Khurja-Dadri		46 km	June 2021	
Pilkhani-Ludhiana		179 km	June 2022	
Khurja-Pilkhani		222 km		

* Progress of Works is badly affected in COVID second wave, targets of remaining sections are likely to be delayed.