

## GENERAL INFORMATION

- ✚ 25kV AC traction was introduced in Palakkad Division in the year 1996-1997. Presently Palakkad Division has 1070 TKM of electrified tracks, including various sidings.
- ✚ The 25kV Single Phase Power supply for electric traction is transmitted from 7 Traction Sub-stations at Kanjikode, Shoranur, Tirur, Elathur, Kannur South, Charvattur and Uppala. 110kV supply is availed from Kerala State Electricity Board for the above traction sub-stations. The Remote Control Centre is located at Divisional Office, Palakkad.
- ✚ The monthly average electrical consumption towards Electric Traction is 142 lakh Units, costing Rs. 9.16 Crores approximately. The average unit rate works out to Rs. 6.44 per kWh.

## SECTION-WISE ELECTRIFICATION DETAILS

<b>Section</b>	<b>Length(RKM)</b>	<b>Date of commissioning</b>
PTJ-PGT	47.00	11.11.1996
PGT-SRR	44.53	20.03.1997
SRR-KUL	85.00	30.03.2015
KUL-CHV	139.00	22.03.2016
CHV-MAQ-MAJN	94.00	11.03.2017
MAJN YARD	2.90	30.04.2018
MAJN-JOKT	15	27.12.2019
JOKT-PNMB	6.5	27.03.2021
POY-CNV	21.16	22.09.2021
PADIL-JOKATTE	2.185	12.03.2022

**SALIENT FEATURES OF PTJ-MAQ SECTION**

<b>Sl.</b>	<b>Particulars</b>	<b>Quantity</b>
1.	Route Kilometre (RKM)	454 km
2.	Track Kilometre (TKM)	1070 km
3.	Traction Sub-station (TSS)	7 Nos.
4.	Sub-sectioning & paralleling Post(SSP)	16 Nos.
5.	Sectioning & Paralleling Post (SP)	8 Nos.
6.	Feeding Post(FP)	7 Nos.
7.	HT supply authority	KSEB
8.	Power Line Crossing	23 Nos.
9.	Road Over Bridges	39 Nos.
10.	Foot Over Bridges	41 Nos.
11.	Level Crossing Gates	114 Nos.
12.	Major Bridge Enroute	16 Nos.
13.	Cantilever Assemblies	22166 Nos.
14.	Auto Tensioning Device(ATD)	2039 Nos.
15.	Insulated Overlap(IOL)	158 Nos.
16.	Un-insulated Overlap(UIOL)	797 Nos.
17.	Isolator	259 Nos.
18.	Auxiliary Transformer(AT)	220 Nos.
19.	Turnouts	660 Nos.
20.	Cross-overs	164 Nos.
21.	Section Insulator Assembly	345 Nos.