

GENERAL INFORMATIONS

- ✚ 25kV AC traction was introduced in Palakkad Division in the year 1996-1997. Presently Palakkad Division has 1127 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, Uppala and Jokkate. 110kV supply is availed from Kerala State Electricity Board for the above Traction sub-stations except Jokkate which is to be availed from KPTCL. The Remote Control Centre is located at Divisional Office, Palakkad.
- ✚ The monthly average electrical consumption towards Electric Traction is 135 Lakh Units, costing ₹8.60 Crore per month approximately. The average unit rate works out to ₹6.47 per KWh.

SECTION-WISE ELECTRIFICATION DETAILS

Section	Length(RKM)	Date of commissioning
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	14.0	27.12.2019
JOKT-PNMB	6.5	27.03.2021
POY-CNV	21.00	22.09.2021
NTVT-MAQ	1.663	09.02.2021

SALIENT FEATURES OF PTJ-MAQ SECTION

Sl.	Particulars	Unit	Quantity
1.	Route Kilometers	RKM	508
2.	Track Kilometers	TKM	1127
3.	Traction Sub-stations	Nos.	7
4.	Sub-sectioning & Paralleling Posts (SSP)	Nos.	21
5.	Sectioning & Paralleling Posts (SP)	Nos.	9
6.	Feeding Posts (FP)	Nos.	7
7.	HT supply authority	-	KSEBL
8.	Power Line Crossings	Nos.	44
9.	Road Over Bridges	Nos.	79
10.	Foot Over Bridges	Nos.	75
11.	Level Crossing Gates	Nos.	131
12.	Major Bridge En route	Nos.	16
13.	Cantilever Assemblies	Nos.	25940
14.	Auto Tensioning Device (ATD)	Nos.	2275
15.	Insulated Overlap (IOL)	Nos.	170
16.	Un-insulated Overlap (UIOL)	Nos.	853
17.	Isolator	Nos.	280
18.	Auxiliary Transformer (AT)	Nos.	220
19.	Turnouts	Nos.	688
20.	Crossovers	Nos.	176
21.	Section Insulator Assembly	Nos.	364