

GENERAL INFORMATION

- 25kV AC traction was introduced in Palakkad Division in the year 1996-1997. Presently Palakkad Division has 1038 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 61.7 lakh Units, costing Rs.4.6 crores approximately. The average unit rate works out to Rs.8 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 Dn	15.50	27.12.2019
MAJN-PADIL	4.60	03.02.2020

SALIENT FEATURES OF PTJ-MAQ SECTION

Sl.	Particulars	Unit	Quantity
1.	Route Kilometre	RKM	432
2.	Track Kilometre	TKM	1038
3.	Traction Sub-station	Nos.	7
4.	Sub-sectioning & paralleling Post (SSP)	Nos.	16
5.	Sectioning & Paralleling Post (SP)	Nos.	8
6.	Feeding Post (FP)	Nos.	7
7.	HT supply authority	-	KSEB
8.	Power Line Crossing	Nos.	23
9.	Road Over Bridges	Nos.	39
10.	Foot Over Bridges	Nos.	41
11.	Level Crossing Gates	Nos.	114
12.	Major Bridge En route	Nos.	16
13.	Cantilever Assemblies	Nos.	22166
14.	Auto Tensioning Device (ATD)	Nos.	1988
15.	Insulated Overlap (IOL)	Nos.	150
16.	Un-insulated Overlap (UIOL)	Nos.	748
17.	Isolator	Nos.	251
18.	Auxiliary Transformer (AT)	Nos.	220
19.	Turnouts	Nos.	607
20.	Crossovers	Nos.	152
21.	Section Insulator Assembly	Nos.	315