

GENERAL INFORMATION

- ✚ 25kV AC Traction was introduced in Palakkad Division in the year 1996-1997. Presently Palakkad Division has 1206 TKM of electrified tracks, including various sidings.
- ✚ The 25kV Single Phase Power Supply for Electric Traction is transmitted from 8 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 availing power from KPTCL. The Remote Control Centre is located at Divisional Office, Palakkad.
- ✚ The monthly average electrical consumption towards Electric Traction is 1.95 Crore Units, costing ₹ 13.46 Crore per month approximately. The average unit rate works out to ₹ 6.42 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 YARDF	2.90	30.04.2018
MAJN - JOKT	14.0	27.12.2019
JOKT-PNMB	6.50	27.03.2021
POY-CNV	21.00	22.09.2021
NTVT-MAQ	1.663	09.02.2021
PADIL-JOKT DOUBLING	2.0	15.03.2022
PGTN-POY	54.0	29.03.2022
MAJN-PADIL	2.840	29.06.2023
SRR-NIL	65.12	30-03-2024

SALIENT FEATURES OF PTJ-MAQ SECTION

Sl.	Particulars	Unit	Quantity
1.	Route Kilometers	RKM	581
2.	Track Kilometers	TKM	1206
3.	Traction Sub-stations	Nos.	8
4.	Sub-sectioning & Paralleling Posts (SSP)	Nos.	24
5.	Sectioning & Paralleling Posts (SP)	Nos.	9
6.	Feeding Posts (FP)	Nos.	8
7.	HT supply authority	-	KSEBL,KPTCL
8.	Power Line Crossings	Nos.	42
9.	Road Over Bridges	Nos.	60
10.	Foot Over Bridges	Nos.	54
11.	Level Crossing Gates	Nos.	131
12.	Major Bridge En route	Nos.	16
13.	Cantilever Assemblies	Nos.	24285
14.	Auto Tensioning Device (ATD)	Nos.	2304
15.	Insulated Overlap (IOL)	Nos.	171
16.	Un-insulated Overlap (UIOL)	Nos.	860
17.	Isolator	Nos.	294
18.	Auxiliary Transformer (AT)	Nos.	241
19.	Turnouts	Nos.	695
20.	Crossovers	Nos.	162
21.	Section Insulator Assembly	Nos.	388