



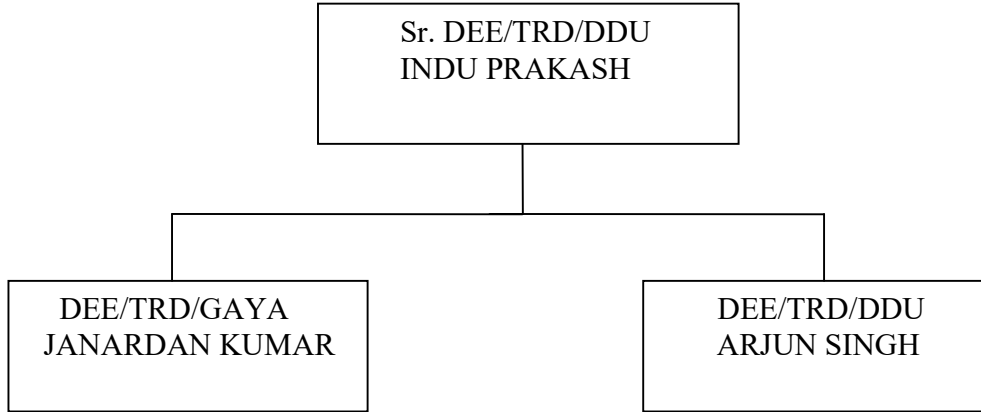
**EAST CENTRAL RAILWAY**

**DDU DIVISION**

**ELECTRICAL (TR-D)**

## 13.0 ELECTRICAL-TRD

### 13.1 ORGANISATION:



**13.1.2** There are four major OHE depots e.g. DDU, DOS, GAYA in G.C section and JAPLA in B.D section. In addition to above, there are five OHE Sub-depot at KARMNASA, KUDRA, SONNAGAR, RAFIGANJ & XBKJ. The jurisdiction of the main depots and sub- depots along with Tower Wagon are given below.

Depots	Line	From	To	Tower Wagon No. & Age	
DDU	GC	BH 'K' (Excl.) Km.676/27-30 JN/C 750/29-30 MGS-Excl BH 'B' 756/L-12B	CDMR (Excl) Km. 660/1,2,1A KCA/SP 748/17-18 LKO line 757/5-6 DN Goods Line 756/DG-4	08 wheeler	22 Yr.
KMS	GC	BBU(Excl.) Km. 620/30-31	GAQ (Excl.) Km. 660/1,2,1A	04 wheeler	11 Yr.
KTQ	GC	SSG (Excl.) Km.586/19,20,19A	BBU(Incl.) Km 620/30,31	04 wheeler	35 Yr.
DOS	GC	SEB(Excl.) Km 550/9-10	SSG (Incl.) Km.586/19,20,19A	08 wheeler	02 Yr.
SEB	GC BD	PES(Excl.) Km 531/1-2 ANH(Incl.) Km 393/29-30	SEB (Incl.) Km 550/09,10 SEB(Excl.) Km 410/35-36	04 wheeler	39 Yr.
RFJ	GC	GRRU(Excl.) Km 489/2-3	PES(Incl.) Km 530/27-28	04 wheeler	10 Yr.
GYA	GC	MPO(Incl.) Km 462/19-20 CHK 90/25-26	GRRU(Incl.) Km 489/1-2 GYA 469/20 B	08 wheeler	18 Yr.
JPL	BD	SQS (Incl.) Km 321/13-14	ANH(Excl.) Km 393/27-28	08 wheeler	Commissioned on 13-02-22
XBKJ	ARA- SSM	ARA (Excl.) km 01/01	SSM (Excl.) km 96/47	04 wheeler	09 Yr

**13.1.3** There is one divisional store and central workshop at DDU for repair and maintenance including Automobile section under Sr. Section Engineer (S&W). Traction Power Control organisation functioning under CTPC and RCC (Remote) under a Sr. Section Engineer (R.C.) at DDU. Remote Control Centre at DDU has been provided with PC based SCADA system.

### 13.2 Staff Position-

Sl. No.	Category	Scale	Grade Pay	Total no. of post sanctioned	MOR	Vacancy	Remarks
1	SSE	9300-34800	4600	32	32	00	-
2	JE	9300-34800	4200	16	01	(-) 15	-
		<b>Sub-Total</b>	-	<b>48</b>	<b>33</b>	<b>(-) 15</b>	-
1	MCM (PSI)	9300-34800	4200	26	21	(-) 05	-
2	Tech-I	5200-20200	2800	52	34	(-) 18	-
3	Tech-II	5200-20200	2400	10	15	(+) 05	-
4	Tech-III	5200-20200	1900	15	32	(+) 17	-
		<b>Sub-Total</b>	-	<b>103</b>	<b>102</b>	<b>(-) 01</b>	-
1	MCM (OHE)	9300-34800	4200	34	30	(-) 04	-
2	LM-I	5200-20200	2800	70	42	(-) 28	-
3	LM-II	5200-20200	2400	13	21	(+) 08	-
4	LM-III	5200-20200	1900	21	34	(+) 13	-
		<b>Sub-Total</b>	-	<b>138</b>	<b>127</b>	<b>(-) 11</b>	-
1	MCM (TW Dr)	9300-34800	4200	19	15	(-) 04	-
2	Sr. TJ Dr.	9300-34800	4200	01	01	00	-
3	TJ Dr-I	5200-20200	2800	02	01	(-) 01	-
4	TJ Dr-II	5200-20200	2400	01	01	00	-
5	TJ Dr-III	5200-20200	1900	01	00	(-) 01	-
6	MV Driver-III	-	-	-	-	-	-
		<b>Sub-Total</b>	-	<b>24</b>	<b>18</b>	<b>(-) 06</b>	-
1	Khalasi/ Helper/Chukidar/Shafai Staff	4440-7440	1800	162	119	(-) 43	.
		<b>TOTAL</b>	-	<b>475</b>	<b>399</b>	<b>(-) 76</b>	-

#### Ministerial Staff:-

Sl. No.	Category	Scale	Grade Pay	Total no. of post sanctioned	MOR	Vacancy	Remarks
1	Ch. OS	9300-34800	4600	01	00	(-) 01	-
2	OS	9300-34800	4200	06	05	(-) 01	-
3	Sr. Clerk Gr. I	5200-20200	2800	03	02	(-) 01	-
4	Clerk Gr. II	5200-20200	1900	00	00	00	-
5	Office Peon	5200-20200	1800	05	03	(-) 02	-
		<b>Total</b>	-	<b>15</b>	<b>10</b>	<b>(-) 05</b>	-

#### Ministerial Staff:- Following staff are in addition to the sanctioned under the division:-

Sl. No.	Category	Scale	Grade Pay	Total no. of post sanctioned	MOR	Vacancy	Remarks
1	Sr. Draftsman	9300-34800	4600	01	01	00	-
2	Jr. Draftsman	9300-34800	4200	01	01	00	-
3	Chief Steno	9300-34800	4600	01	01	00	-
4	Chief Typist	9300-34800	4600	00	00	00	-
5	Hd. Typist	9300-34800	4200	01	00	(-) 01	-
		<b>Total</b>	-	<b>04</b>	<b>03</b>	<b>(-) 01</b>	-
	<b>G. Total</b>			<b>494</b>	<b>412</b>	<b>(-) 82</b>	-

NOTE- i) Total S.S. Strength - 494 & MOR = 412, Vacancy = 82

### 13.3 OHE Assets-

#### 13.3.1

#### **Route Km. of OHE:- 405.25 RKM:**

216.25 RKM	Ex. JEP/SP (Excl.)	-	MPO/SSP (Incl.)
92.00 RKM	Ex. SEB (Excl.)	-	GHD/SSP (Incl.)
97.00 RKM	Ex. ARA (Excl.)	-	SSM (Excl.)

#### 13.3.2

#### **Track Km of OHE: - 1273.43 TKM ( 857.23 M/L + 416.20 Yard & Loop/ L )**

G.C. - 939.23	(Main line - 577.25 TKM + Yard & Loop/Line-- 361.98 TKM)
B.D. - 230.20	(Main line - 182.98 TKM + Yard line & Loop/Line - 47.22TKM)
ARA-SSM-104	(Main line – 97 TKM + Yard line & Loop/Line - 7.0 TKM)

### 13.4 PSI Assets:-

#### **Traction Sub-Stations and its capacity:-**

DDU Division has 3 nos. of TSS at RFJ, KTQ & JPL and power is purchased at 132 KV through OPEN ACCESS and 03 nos. of Grid Sub-Stations at KARMNASA, SONNAGAR & GAYA. These Grid Sub-stations are owned, maintained and operated by BSPTCL and power is purchased at 25 KV through OPEN ACCESS.

#### **Capacity of Traction Sub-Station: (Rly. Owned)**

Sl. No.	TSS	Tr. Capacity	Make	Contract demand in KVA
1	RFJ	2x21.6 MVA	Changsa of China	11200
2	KTQ	2x30/42 MVA	T&R, ADI	21400
3	JPL	2x30/42 MVA	T & R	11600
Total				44200 KVA

#### **Grid Sub-Station:**

#### **Capacity of Grid Sub-Stations( BSPTCL Owned):-**

Sr. No.	GSS	Transformer Capacity	Make	Contract demand in KVA
1	KMS	1 x 13.5/20 MVA	CGL	9000
		1 x 21.6/30.24 MVA	TELK	
2	SEB	1 x 13.5/20 MVA	CGL	15600
		1 x 21.6 MVA	TELK	
3	GAYA	2 x 13.5 MVA	Bharat Bijlee	9100
Total				33700 KVA

**13.5 Switching Stations: (43 nos.)**

**There are a total of 37 Switching Stations and 03 nos. Feeding post & 03 nos. TSS commissioned in DDU Division:-**

- (i) Feeding Posts (03) - KMS , SEB, GYA
- (ii) TSS (03) - KTQ, RFJ, JPL
- (iii) Sectioning Post (10) - CDMR, SSM, PES, GRRU, BCJ, ANH, SZF, GHD, SSM-II, ARA
- (iv) Sub-Sectioning Post (27) - DDU-I, MGS-II, SYJ, DGO, BBU, MTGE, PSE, KTQ, SSG, KMGE, KWD, PHE, AUBR, JHN, DEO ROAD, IMGE, PRY, MPO, GAYA, NBG, KVQ, KRTA , , GQN, JKMH, CRQ, GNK

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