



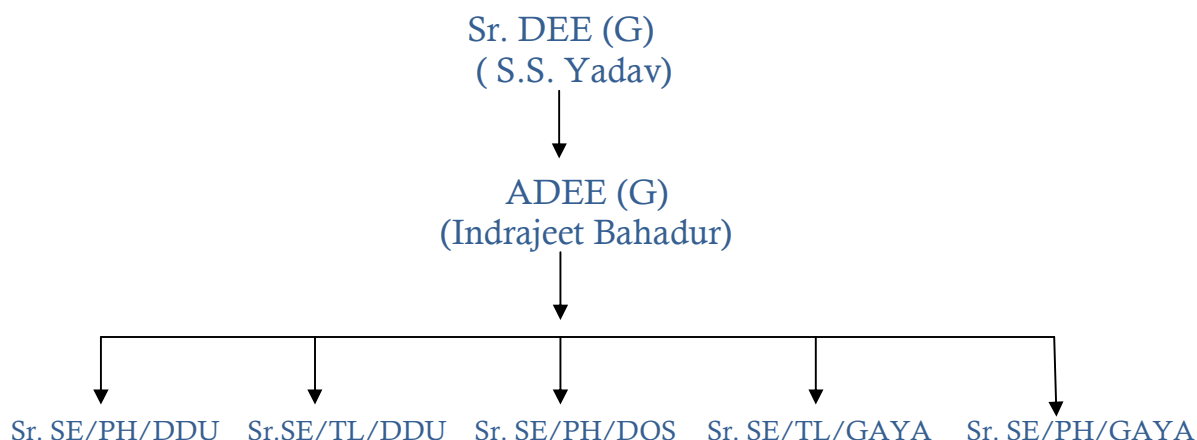
Electric (General)

EAST CENTRAL RAILWAY

DDU Division

ORGANIZATION STRUCTURE

Electric (G) Branch is headed by Sr. DEE (G) and is assisted by 01 AEE (G)



Electrical (G)/DDU is being looked after by three installation in-charges as under:

POWER GROUP:-

<i>Sl.</i>	<i>Installation / Depot</i>	<i>Installation in-charge</i>	<i>Territorial Jurisdiction</i>	<i>Details of works</i>
01	DDU	Sr. SE/Elect/Power House/ DDU	DDU - KMGE.	They have to supervise sanctioned works, preventive and break-down maintenance work of transformers, Sub – Stations, ART, D.G. Sets, pumps, window A.C. and Split A.C, Water Coolers, Desert Coolers in their jurisdiction. They also procure stock / Non Stock items required for preventive maintenance.
02	DOS	Sr. SE/Elect/Power House/ DOS	SSM - AUBR, B.D. Section from BCJ to SQS & SSM-ARA section.	
03	GAYA	Sr. SE/Elect/Power House/ GYA	PES - MPO.	

TL & AC GROUP:-

<i>Sl.</i>	<i>Installation / Depot</i>	<i>Installation in-charge</i>	<i>Territorial Jurisdiction</i>	<i>Details of works</i>
01	DDU	Sr. SE/Elect. /TL/ DDU	T.L. DEPOT / DDU	They have to supervise Primary and Secondary maintenance works of A.C. and TL Coaches in their jurisdiction. They also procure stock / Non Stock items required for preventive & Break down maintenance of A.C. and TL Coaches LHB Coaches.
02	GAYA	Sr. SE/Elect./ TL/ GAYA	T.L. DEPOT / GYA.	

Staff Position of Electrical (G) / DDU Department

POWER

Categories	Sanctioned	MOR	Vacancy	SUMMARY ON ROLL			Remark
				Supervisor	Artisan	Minis.	
Sr. SE	17	16	1	20	266	5	
JE	8	4	4				
Skilled	189	174	15				
Unskilled	112	92	20				
Ministerial	7	4	3				01/W/U MHX
Peon		1	+01				
Total	333	291	42				

Train Lighting

Categories	Sanctioned	MOR	Vacancy	Supervisor	Artisan	Minis.	Remark
Supervisor							
Sr. SE	10	8	2	12	114	02	
JE	6	4	2				
Skilled	81	84	+3				
Unskilled	40	32	8				
Ministerial	3	2	1				
Total	140	130	10				

Sr.DEE(G)/DDU's Office

Categories	Sanctioned	MOR	Vacancy	Supervisor	Artisan	Minis.	Remark
Sr. SE	2	2	0	4	Nil	9	01 Sr. SE working at HQ (lien at DDU)
Sr. SE/Drg	1	1	0				
JE	1	1	0				
Unskilled/ Group "D" Peon	0	3	+03				
Ministerial	7	6	1				01/W/U/MHX
Total	11	13	+02				

Summary of Elect G Department's staffs

Summary	Total SS	Total MOR	Total Vacancy
Total Staffs	484	434	50
SSE	29	26	3
SSE/DRG	1	1	0
JE	15	09	6
Ministerial	17	12	5
Skilled	270	258	12
Unskilled	152	124	28
Peon	0	4	+04

Note: - Above summary of staffs is including TL & AC units

MAJOR ASSETS

- A. DDU division has Two Nos. 33/11 KV Sub- Stations. (01 at DDU & 01 at Gaya)
- B. 11 KV / 440 V Sub – stations: 57 Nos.
- C. 70 kWp Solar Roof top Plant at ETTC/DDU Hostel Building, Akohra Station -50 kWp and 20kWp at each location i.e. AUBR Station, DOS/PH, RFJ station, BSYA & JPL Station.

Sl.	Description		Qty.	Sl.	Description		Qty.
01	Transformers 33/11 KV of 05 MVA		01 No.	12	Mini Mast		52 Nos.
02	Transformers 33/11 KV of 03 MVA	03 MVA	05 Nos.	13	F.L. Towers in Yard	65 Nos.	
		01/1.5 MVA	19 Nos.				
03	Transformers 11KV/440V	630 kVA	01 No.	14	High Mast	138 Nos. 02 Nos. at DDU Station Circulating Area	
		500 kVA	35 Nos.		Stadium High Mast		
		300 kVA	02 Nos.				
		315 kVA	01 No.				
		250 kVA	13 Nos.				
		200 kVA	4 Nos.				
		100 kVA	19 Nos.				
		Net Total:	75 Nos.				
04	Compact Sub – Station – 250 KVA (SSM -01 & SEB – 01)		02 Nos.	15	Escalators		DDU : 1 Set (UP & DN) GAYA: Nil (dismantled due to re-development work.)
05	D.G. Set (GAYA: 03, DOS = 02, DDU = 05)		10 Nos.	16	Lifts		DDU : 03 Nos. SSM : 06 Nos. AUBR : 02 No. DOS : 01 No.
06	Submersible Pumps		145 Nos.	17	UPS		60 nos.
07	BLDC Fans 1200 MM	984 Nos.	18	HVLS Fan	01 No. at DDU Concourse Area		
	1400 MM	250 Nos.					
08	CLS Panel:	150 A	39 Nos.	19	AC	Split AC	673 Nos.
		60 A	60 Nos.			Tower AC	06 Nos.
						Window AC	240 Nos.
09	Desert coolers		665 Nos.	20	Water coolers		197 Nos.
10	Solar Geysers		05 Nos.	21	Solar Street Light		15 Wp- 38 Nos. 60Wp- 38 Nos. 18 Nos. DDU & 20 Nos. GAYA
11	RGBW Lights (DMX Controlled)		85 Nos.	22	National Monumental Flags		05 Nos. (DDU , GAYA, AUBR, SSM & BBU)

PASSENGER AMENITIES ITEMS AT MODEL STATIONS:

Sl.	Passenger Amenity Item		DDU	SSM	DOS	AUBR	SEB	RFJ	GAYA	JPL
01	D.G. Set Supply		Provided 01 No.	Not avl	Provided 01 No.	Not avl	Provided 01 No.	Not avl.	Provided 03 Nos.	Not avl.
02	High Mast in Circulating Area.		02 Nos.	01 No.	01 No.	01 No.	01 no.	01 no.	02 Nos.	01 no.
03	Water Cooler		11 Nos.	03 Nos.	05 Nos.	02 Nos.	02 Nos.	03 Nos.	11 Nos.	1 No.
04	Signage's		Provided	Provided	Provided	Provided	Provided	Provided	Provided	Provided
05	Fan On PF	UP	157	24	15	10	08	08	39	4
		DN	114	26	18	08	10	11	52	8
06	Lift		03 Nos.	06 Nos.	01 No.	02 Nos.	Not avl.	Not avl.	NIL	Not avl.
07	Escalator		01 Set (Up & DN)	01 Set* (Up & DN)	Not avl	Not avl	Not avl.	Not avl.	NIL	Not avl.

Note: - 1. All the Lift & Escalator installed at GAYA Station have been dismantled due to re-development work of this Station.

2. * Escalator commissioned its 3rd Party inspection completed and to be opened very soon.

3.7.3 ENERGY CONSUMPTION

Description	23-24	24-25	25-26
Energy in KWH (up to Dec)	30066379	31396053	31578761
Avg. / Month Consumption	3340709	3488450	3508751
% increased/decreased	0.832	4.422	0.582
HSD Oil in Ltr. (up to Jan)	7209	11038	9373
Avg. / Month Consumption	720.90	1103.84	937.30
% increased/ decreased	109.24	53.12	-15.09

* % has been increased/decreased as compared with same period of last corresponding years.

Note:- Increases in consumption due to increases in connected load i.e.168 KW in comparison to previous year.

3.7.2 HT Load Sanction (Non-Traction)

Sl.	Location	Load	Sl.	Location	Load
1	DDU 33 KV (Domestic)LMV – 1	5000 KVA	8	GAYA	1800 KVA
2	DDU 33 KV (Industrial)HV -2	2000 KVA	9	ANH	50 KVA
3	DDU 11 KV (Plant Depot)LMV -2	2000 KVA	10	NBG	70 KVA
4	SSM	110 KVA	11	BCJ	70 KVA
5	DOS	400 KVA	12	BSYA	50 KVA
6	SEB	330 KVA	13	JPL	100 KVA
7	RFJ	100 KVA	14	XBKJ	75 KVA

Green Initiative:-

➤ **Total 160 kWp RTS Plant Installed over the Division which is as below and Solar Power Generation Started:-**

Sl.	Station/Other location	RTS Plant Capacity
1	RFJ Railway Station	20 kWp
2	AUBR Railway Station	20 kWp
3	DOS Power House	20 kWp
4	JPL Railway Station	20 kWp
5	BSYA Railway Station	20 kWp
6	ANH Railway Station	50 kWp
7	ORH/GAYA	10 kWp
Net Total:		160kWp

➤ **Solar Generation at Glance:-**

Section→	Gaya	DDU	DOS	Total Generation for the month	Saving Achieved considering Unit charge @ Rs 9
Generated Unit for↓					
April' 25	35778	9383	9383	54544	490896
May'25	29296	10369	5293	44958	404622
June'25	27360	12136	7768	47264	425376
July'25	25984	7613	4777	38374	345366
Aug'25	21490	7547	5490	34527	310743
Sept.'25	22637	8752	6710	38099	342891
Oct.'25	19204	6835	5441	31480	283320
Nov'25	11613	5301	6466	23380	210420
Dec'25	5279	4334	12282	21895	197055
Jan'26	4362	4850	9736	18948	170532
Total Generation unit for the respective section	203003	77120	73346	353469	3181221

Net Rs 31.18 lakh Saving of Railway revenue Achieved till Jan'26 considering Unit charge @ Rs 9

MAJOR ASSET for TL & AC**Primary / Secondary maintenance over division For Mail / Express:-**

Sl.	Train No	Train Name	Days of Maintenance	Primary Depot	Sec. Depot	No. of rakes
1	12397 /12398	Mahabodhi Exp.	7	GAYA	NDLS	02
2	12389/12390	GAYA- MAS Express	1	GAYA	MS	01
3	22358/22357	GAYA-LTT- GAYA Weekly Exp.	1	GAYA	LTT	01
4	13243/44	BBU-PNBE-BBU Intercity	1	GAYA	ANVT	01
5	13679/98	GAYA-DLI-GAYA AMRIT BHARAT EXP	2	GAYA	DLI	01
LHB:					Total	06
1	53213/14, 13243/44	GAYA-PNBE-BBU Passenger BBU-PNBE-BBU Intercity	1	GAYA	PNBE	01
2	53403/04	GAYA-JMP-GAYA	1	GAYA	JMP	02
3	53641/42	DDU - DLN	2	DDU	DLN	01
ICF:					Total	4

Other Mail / Express Trains:-

Sl.	Train No	Train Name	Days of Maintenance	Sec. Depot
1	15619/20	KYQ-GAYA-KYQ	Weekly	GAYA
2	22409/10	ANVT-GAYA-ANVT	Weekly	GAYA
3	14261/62	GAYA-LKO-GAYA	Bi-weekly	GAYA
4	14259/60	GAYA-LKO-GAYA	Weekly	GAYA
5	06217/18	GAYA- YPR-GAYA	Weekly	GAYA

Holding of AC/TL coaches**1. TL Depot DDU**

Depot	Passenger BG TL Coaches	Others TL coaches (ART, ARME, Saloon etc.)	Total
TL/DDU	8	10 (06 ART + Crane, 03 Saloon & ARME-1)	TL Coach-16 AC Coach-2

2. TL Depot GAYA

Type of coaches	LFAC	LWACCW	LWACCN	LWACCNEAA	LWCBAC	LWLRRM	LWSCN	LWS	LSLRD	WGSCZAC	Total
LHB Type	05	09	17	16	06	06	33	46	8	01	147

Type of coaches	WGACCW	WGACCN	WGCENAC	WGSCZAC	GS	SLEEPER	GSLRD	ART	Total
ICF Type	02	02	06	02	19	03	03	5	42