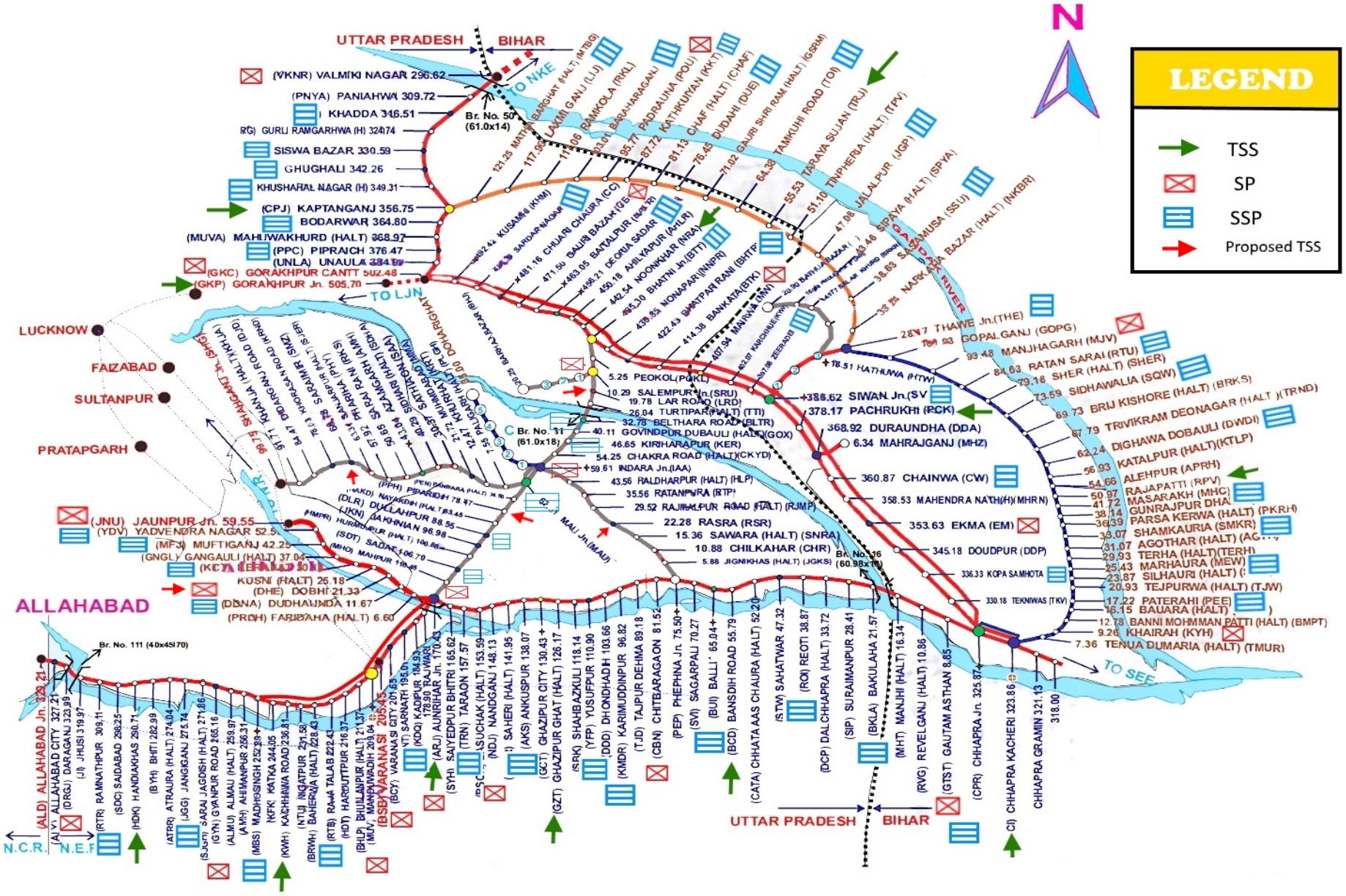
VARANASI DIVISION TRACTION DISTRIBUTION MAP



Date wise Railway Electrification in Varanasi Division

SL	CRS Insp. Date	Station/Section	RKM	TKM
1	25.09.2012	GJH(Excl) – CPR(Excl)	8.05	16.09
2	25.09.2012	CPR Station	3.134	20.81
3	14.06.2014	Double line of CPR(Excl) – SV(Incl) & Single line of SV(Excl) to THE(Incl)	88.02	180.72
4	03.12.2014	Single & double line of SV(Excl) – BTT(Incl)	49.52	118.71
5	31.07.2015	Single & double line of BTT(Excl) – GKC(Excl)	71.95	15.05
6	24.03.2018	BUI(In) – SRNT(In) in which BUI-ARJ Single & ARJ-SRNT double line	131.29	16.35
7	31.03.2018	Single line of GKC(Ex) – CPJ(In)	34.50	44.59
8	13.06.2018	SRNT(In) to BCY double line & BCY(Ex) to BSB(Excl) single line	7.69	24.68
9	19.09.2018	CPJ(Ex) – VKNR(Excl) single line	52.78	62.24
10	23.11.2018	BCY-BSB UP Line	1.97	1.97
11	11.12.2018	CPR(Excl) – BUI(Excl) single line	62.43	77.59
12	17.01.2019	BSB(Excl) – ALD(Excl) single line	122.52	170.92
13	02.03.2019	ARJ(Excl) – JNU(Excl) single line	57.49	60.53
14	17.03.2019	CPJ(Excl)-KKT(Incl) single line	39.11	49.40
15	30.03.2019	KKT(Excl) – JGP(Incl) single line	40.64	53.57
16	28.05.2019	JGB(Excl)-THE(Incl) single line	19.10	28.26
17	07.09.2019	HDT(In)-KWH(In) double line	21.92	30.30
18	06.12.2019	Doubling of MUV(Ex)- HDT(Ex) & Lohta Line MUV(Ex) – LC Gate No-2	8.34	8.34
19	18.12.2019	Thawe(Excl.)-RPV(Incl.) single line	54.11	68.08
20	08.03.2020	Rajapatti(Excl.)-Chhapra Kacheri(Excl.)single line & KYH (Excl.) – CHPG (Excl) by pass line.	60.64	22.56

21	13.06.2020	Double (UP Main Line) from Kachhwa Raod (Excl) (Km 237.473) to Madhosingh (Km 253.497)	16.02	21.60
22	10.08.2020	Single line from BTT(Excl.) to ARJ(Excl)	125.62	175
23	12.10.2020	Double line (UP Main line) between ARJ(Incl.) to TRN(Incl.)	13.34	25.05
24	12.11.2020	Double line (UP Main line) between NDJ(Incl.) to TRN(Excl)	9.2	12.5
25	16.01.2021	Single line DDA(Excl) to MHC (Excl)	42	42
26	03.02.2021	Double line (UP Main line) between BUI(Incl.) to PEP (Incl.)	13	30.2
27	20.02.2021	Double line (UP Main line) between MBS(Excl) to GYN (Incl)	12.7	14.7
28	10.03.2021	Single line SRU (Excl) to BHJ (Incl.)	20.25	20.7
29	24.03.2021	Double line between NDJ(Excl) to GCT(Incl.)	17.9	25.112
30	25.03.2021	Single line IAA (Excl) to PEP (Excl)	50	53
31	14.08.2021	Single line MAU(Excl) to AMH(Incl.)	43	53
32	04.10.2021	Double line between ARJ(Excl.)to DHE(Incl.)	22.896	29.9
33	29.01.2022	Single line AMH(Excl) to SHG (Excl)	54	63.13
34	24.02.2022	Double line between GYN(Excl.) to HDK(Incl.)	25.6	29.74
35	19.03.2022	Double line between BUI(Excl) to STW(Incl.)	16.91	18.79
36	04.04.2022	Double line between PEP(Excl) to KMDR(Incl.)	20.58	30.6
37	23.04.2022	Double line between DHE(Excl) to MFJ(Incl.)	20.38	32.47
38	28.07.2022	Double line between HDK(Excl) to RTR(Incl.)	18.39	22.20
39	29.07.2022	Double line between KMDR(Excl) to YFP(Incl.)	14.06	27.75
40	07.09.2022	Double line between YFP(Excl) to GCT(Incl.)	17.89	21.75
		Total	**1240.23**	**2154.82**

Infrastructure / Assets

I. General

Electrified Section		CI-CPR-SV-BTT–GKC, SV-THE, CPR-BSB-PRRB, ARJ-JNU, GKC – CPJ- VKNR , CPJ-THE - RPV-CI, SRU-BHJ, DDA-MHC, IAA-PEP, MAU-AMH-SHG
Route KM	1240.23	
Track KM	2154.82	
OHE Depot	09	09 Nos Major Depot. CPR, SV, BTT, CPJ, PEP, GCT, ARJ, HDK, MAU & 05 Nos BSBS, TRJ, RPV, DHE, AMH are under construction 02 Nos Minor Depot.(CC, MBS)
PSI Depot	2	02 Nos SV, GCT
Traction Sub-Station	11	10 Nos CI, PCK, NRA, CPJ, BCD, GZT, ARJ, KWH, HDK, TRJ, PPH & 05 Nos RPV, LRD, RSR, RKS, DHE TSSs are under construction
Sectioning Post	27	EM, MW, GB, GTST, CBN, NDJ, BCY, BSBS, GYN, DRGJ, ARJ, DHE, JNU, GKC, POU, HTW MJV, KYH, MHO, IAA, MAU, SRU, IAA-I, PEP, DDA, PRRB, SHG
Sub Sectioning Post	63	CPR, KPS, CW, SV, ZRDE, BHTR, BTT, DEOS, SANR, CPR-I, BKLA, ROI, BUI, KMDR, YFP, AKS, TRN, KDQ, RTB, MBS, JGG, RTR, DDNA, KCT, MFJ, YDV, PPC, BBW, KSNR, GH, SBZ, KZA, PNYA, LIJ, BAGJ, KKT, DUE, TOI, JGP, SSU, THE, RTU, SQW, DWDI, MHC, SMKR, MEW, PEE, CHR, RTP, KRT, SAA, SMZ, DJD, SDT, DLR, MAU, BLTR, KIR, SRU, STZ, SHIH, SSHT.
Remote Control Centre	1	BSB
Auxiliary Transformer	213	CI-CPR-SV-BTT –GKC, SV-THE, CPR-BSB-PRRB, ARJ-JNU, GKC – CPJ- VKNR , CPJ-THE - RPV-CI, ARJ-MAU-BTT, IAA-PEP, MAU-SHG, DDA-MHC, SRU-BHJ Section
Tower Wagon	14	8 wheeler - 11 Nos (CPR, SV, BTT, CPJ, GCT, ARJ, MBS, HDK, MAU) 4 wheeler - 3 Nos (DHE, PEP, BSBS)
Truck	3	One each at CPR, SV and BTT

II. Traction Power Supply:

SL	TSS	Trans. Capacity	Feeding Zone	Supply From	Under Open Access
1	CI	2x21.6 MVA	Sitalpur/SP to Ekma/SP	Supply of 132KV from CPR/GSS of BHPTCL	27.11.19
2	PCK	1x21.6 MVA	Ekma/SP to Mairwa/SP	Supply of 132KV from SV/GSS of BHPTCL	27.11.19
3	NRA	2x21.6 MVA	Mairwa/SP to GB/SP	Supply of 132KV from DEOS/GSS of UPPTCL	08.7.18
4	GKP (Under LJN)	1x21.6 MVA	GB/SP to GKP/TSS	Supply of 132KV from GKP/GSS of UPPTCL	Under LJN
5	BCD	1x21.6 MVA	GTST/ SP to CBN/SP	Supply of 132KV from Chit Baragaon of UPPTCL	01.05.2019
6	GZT	2X21.6 MVA	CBN/SP to NDJ/SP	Supply of 132KV from Ghazipur Grid of UPPTCL	27.08.2020
7	ARJ	2x21.6 MVA	BCY/SP to NDJ/SP	Supply of 132KV from Sarnath Grid of UPPTCL	19.01.2019
8	KWH	2X21.6 MVA	MUV/SP to GYN/SP	Supply of 132KV from Aurai Grid of UPPTCL	01.06.2020
9	HDK	21.6 MVA	DRGJ/SP to GYN/SP	Supply of 132KV from Handiakhas Grid of UPPTCL	10.01.2019
10	CPJ	2x21.6 MVA	GKC/SP to VKNR/SP to POU/SP	Supply of 132KV from Motiram adda/GSS Grid of UPPTCL	07.06.2019
11	TRJ	2X21.6 MVA	POU/SP to MJV/SP	Razapakar/GSS of UPPTCL	27.07.2020
12	PPH	2X21.6 MVA	IAA/SP to IAA/SP-I to MAU/SP to MHO/SP	Supply of 132KV from MAU/GSS of UPPTCL	01.12.2021

III. OHE & PSI Jurisdiction:

(a)OHE Depot :

SL	Depot	From (km)	To (Km)	RKM	TKM	Tower wagon
1	Chhapra Jn.	319 (ex GJH) 00 (CPR)	368 (DDA) 38(ROI)	49 38.87	130.22 48.07	8 W
2	Siwan Jn.	368 (DDA) 00 (SV) 29 (ex THE)	409 (MW) 28 (THE) 55 (TRJ)	69 28 26	128.81 32 32	8 W
3	Bhatni Jn. (Major Depot) & Chuari Chaura (Minor)	409 (MW)	500(ex GKC)	86	203	8 W
4	Kaptanganj	390 (ex GKC) 00 (ex CPJ)	303 (ex VKNR) 54 (ex TRJ)	95 54	106 66	8 W
5	Ghazipur City	39(ROI)	165(SYH)	126	158	8 W
6	Aunrihar Jn	166(SYH) 00 (ARJ)	204(BCY) 59.55(JNU)	38 57.28	47.1 60.32	8W
7	Madhosingh (Minor)	206 (ex BSB)	264 (ex GYN)	58	74.33	8 W
8	Handiakhas	265(GYN)	327(ALY)	62	92.50	8W
9	Mau	00 (ex. BTT)	125 (ex. ARJ)	125	175	8W
10	Pephna	PEP(Km 75) PEP (Km 00)	ROI(Km 38) IAA (Km 59)	87	114.10	4W
11	Banaras (Under Construction)	206/1 (BSB Ex.)	209/33-2 (MUV Ex.)	6.08	12.17	4 W

(b)PSI Depot :

Depot	Jurisdiction
Siwan Jn. Gazipur City	CI-SV-GKC & SV-THE CPR-BUI-BCY, ARJ-JNU

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